

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008375.D
 Acq On : 24 Mar 2019 01:09
 Operator : JC/SP
 Sample : K1900-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MSD

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:09:05 AM

Quant Time: Mar 25 09:25:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	204331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	359650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	321808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153648	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	146253	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	5.50	113	108383	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	8.71	98	436386	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
62) 4-Bromofluorobenzene	11.13	95	161011	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	107687	46.555	ug/l	99
3) Chloromethane	1.32	50	155939	45.477	ug/l	99
4) Vinyl Chloride	1.40	62	153448	45.850	ug/l	100
5) Bromomethane	1.64	94	95874	45.492	ug/l	100
6) Chloroethane	1.71	64	91951	46.912	ug/l	99
7) Trichlorofluoromethane	1.92	101	172870	45.421	ug/l	98
8) Diethyl Ether	2.18	74	82244	45.131	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101211	44.891	ug/l	89
10) Methyl Iodide	2.51	142	137508	48.073	ug/l	98
11) Tert butyl alcohol	3.06	59	173287	249.636	ug/l	100
12) 1,1-Dichloroethene	2.37	96	107479	46.182	ug/l	89
13) Acrolein	2.29	56	132166	222.811	ug/l	99
14) Allyl chloride	2.73	41	234207	45.490	ug/l	95
15) Acrylonitrile	3.14	53	417669	234.958	ug/l	99
16) Acetone	2.45	43	357116	229.254	ug/l	97
17) Carbon Disulfide	2.57	76	328449	44.136	ug/l	100
18) Methyl Acetate	2.78	43	163961	42.051	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	397534	47.427	ug/l	98
20) Methylene Chloride	2.85	84	127701	45.538	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	114298	45.356	ug/l	90
22) Diisopropyl ether	3.85	45	473152	47.200	ug/l #	87
23) Vinyl Acetate	3.81	43	1940045	219.197	ug/l	97
24) 1,1-Dichloroethane	3.70	63	237360	46.441	ug/l	99
25) 2-Butanone	4.67	43	608398	237.194	ug/l	96
26) 2,2-Dichloropropane	4.58	77	121935	37.030	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	131349	45.508	ug/l	92
28) Bromochloromethane	5.02	49	121004	47.426	ug/l #	78
29) Tetrahydrofuran	5.13	42	402594	236.387	ug/l	95
30) Chloroform	5.21	83	213957	46.432	ug/l	99
31) Cyclohexane	5.58	56	226092	46.132	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	173327	47.544	ug/l	96
36) 1,1-Dichloropropene	5.80	75	167938	45.696	ug/l	96
37) Ethyl Acetate	4.83	43	213029	42.830	ug/l	98
38) Carbon Tetrachloride	5.79	117	143539	45.563	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	202633	44.983	ug/l	93
40) Benzene	6.14	78	512990	45.835	ug/l	100
41) Methacrylonitrile	5.04	41	130100	47.989	ug/l	97
42) 1,2-Dichloroethane	6.19	62	183943	45.288	ug/l	95
43) Isopropyl Acetate	6.45	43	349925	45.180	ug/l	97
44) Trichloroethene	7.21	130	115690	44.512	ug/l	90
45) 1,2-Dichloropropane	7.51	63	144815	45.705	ug/l	100
46) Dibromomethane	7.66	93	83898	44.618	ug/l #	84
47) Bromodichloromethane	7.90	83	166312	46.370	ug/l	99
48) Methyl methacrylate	7.77	41	185983	47.588	ug/l	93
49) 1,4-Dioxane	7.74	88	75199	953.679	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	1220257	240.128	ug/l	97
52) Toluene	8.79	92	308469	47.003	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	179902	46.653	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	200625	45.888	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	123723	45.386	ug/l	95
56) Ethyl methacrylate	9.18	69	234489	48.588	ug/l	92
57) 1,3-Dichloropropane	9.37	76	222771	45.872	ug/l	100
59) 2-Hexanone	9.49	43	963894	247.089	ug/l	96
60) Dibromochloromethane	9.58	129	121861	48.160	ug/l	99
61) 1,2-Dibromoethane	9.67	107	128793	46.553	ug/l	99
64) Tetrachloroethene	9.33	164	95413	45.339	ug/l	95
65) Chlorobenzene	10.14	112	311792	46.198	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	110783	47.333	ug/l	97
67) Ethyl Benzene	10.25	91	591763	46.826	ug/l	97
68) m/p-Xylenes	10.36	106	428998	94.481	ug/l	92
69) o-Xylene	10.70	106	208097	46.869	ug/l	93
70) Stvrene	10.71	104	368114	47.807	ug/l	96
71) Bromoform	10.85	173	87655	48.617	ug/l #	100
73) Isopropylbenzene	11.02	105	549523	45.319	ug/l	98
74) N-amyl acetate	10.90	43	320090	45.088	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	220616	45.677	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	210246m	52.278	ug/l	
77) Bromobenzene	11.26	156	130676	45.546	ug/l	80
78) n-propylbenzene	11.36	91	655878	46.150	ug/l	95
79) 2-Chlorotoluene	11.42	91	389580	45.002	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	471433	45.703	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	62400	44.216	ug/l	91
82) 4-Chlorotoluene	11.51	91	450719	45.185	ug/l	94
83) tert-Butylbenzene	11.77	119	456818	46.507	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	474023	46.050	ug/l	97
85) sec-Butylbenzene	11.94	105	537725	45.677	ug/l	95
86) p-Isopropyltoluene	12.06	119	479403	46.201	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	234207	45.451	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	236631	45.131	ug/l	97
89) n-Butylbenzene	12.38	91	452698	45.699	ug/l	97
90) Hexachloroethane	12.60	117	78200	45.624	ug/l	81
91) 1,2-Dichlorobenzene	12.39	146	240931	46.165	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49737	48.316	ug/l	76
93) 1,2,4-Trichlorobenzene	13.65	180	160810	45.694	ug/l	98

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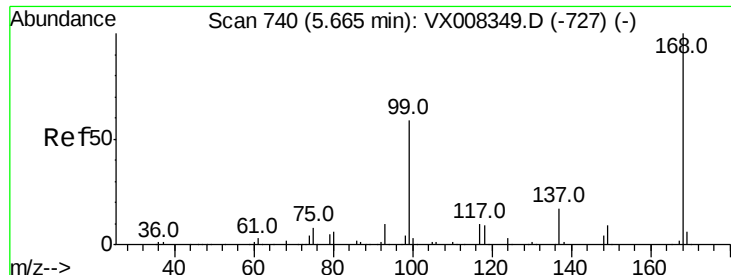
Manual Integrations
APPROVED

MMDadoda
3/25/2019 11:09:05 AM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 15:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	74687	44.906	ug/l	99
95) Naphthalene	13.83	128	573942	46.441	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	162661	45.804	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion:168 Resp: 204331

Ion Ratio Lower Upper

168 100

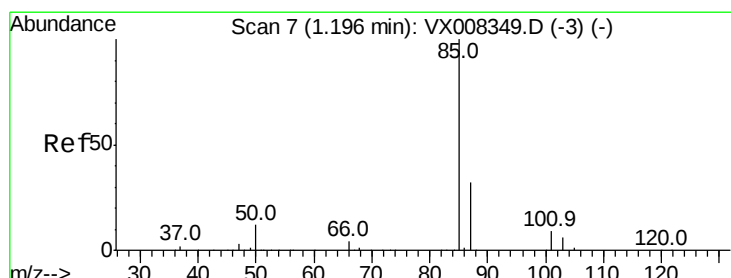
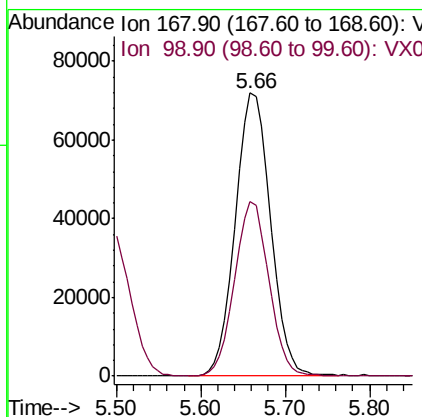
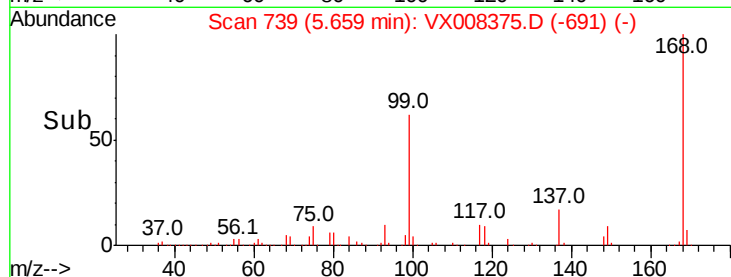
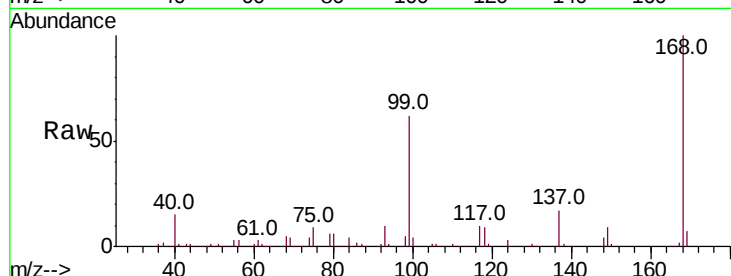
99 61.6 37.6 56.4#

Manual Integrations

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3/25/2019 11:09:05 AM



#2

Dichlorodifluoromethane

Concen: 46.555 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008375.D

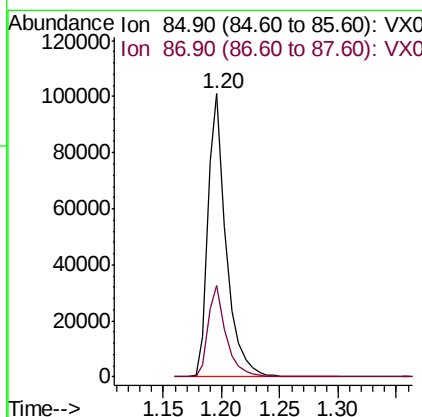
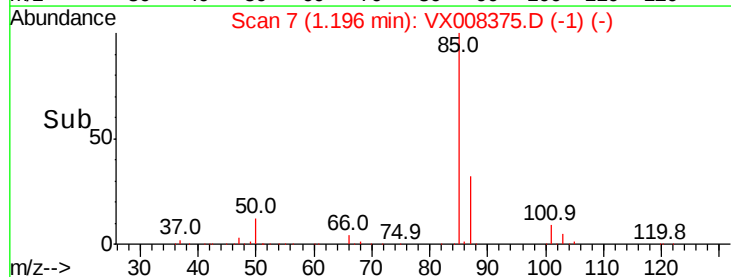
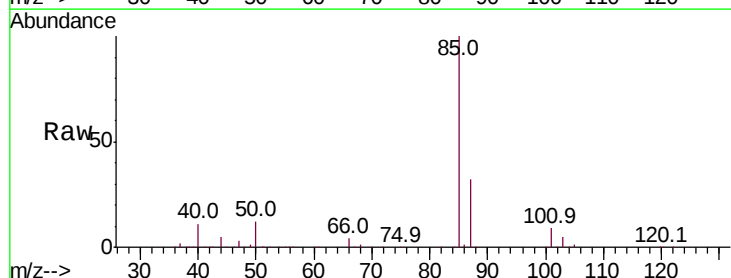
Acq: 24 Mar 2019 01:09

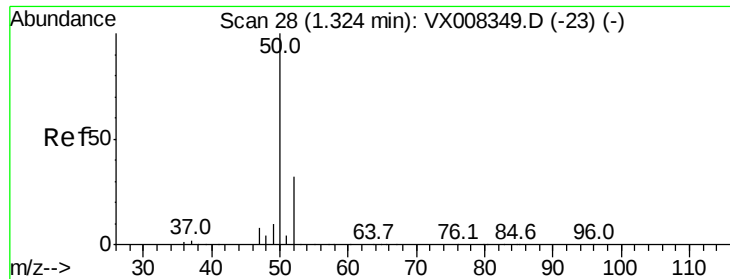
Tgt Ion: 85 Resp: 107687

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.1





#3

Chloromethane

Concen: 45.477 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion: 50 Resp: 155939

Ion Ratio Lower Upper

50 100

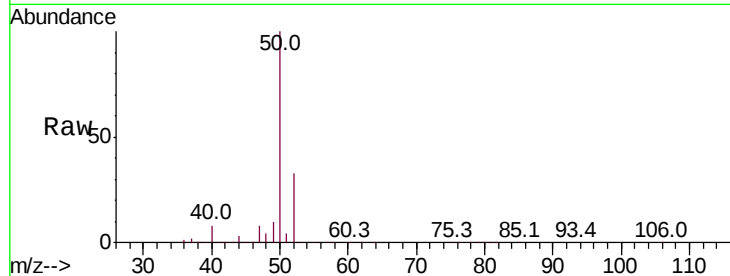
52 32.6 26.5 39.7

Manual Integrations

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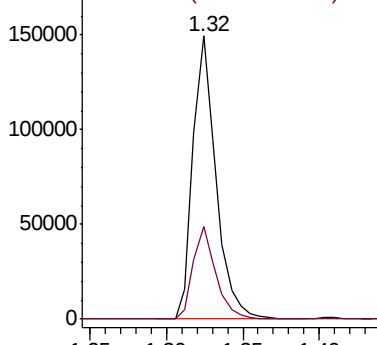
MMDadoda

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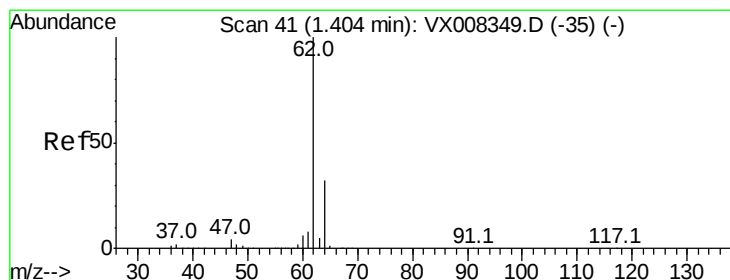
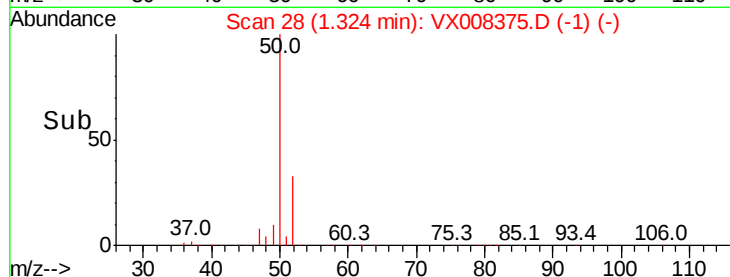


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 45.850 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008375.D

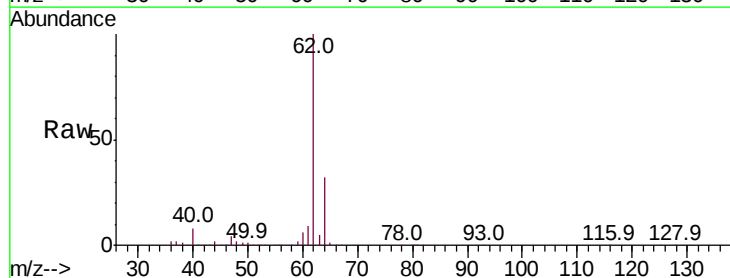
Acq: 24 Mar 2019 01:09

Tgt Ion: 62 Resp: 153448

Ion Ratio Lower Upper

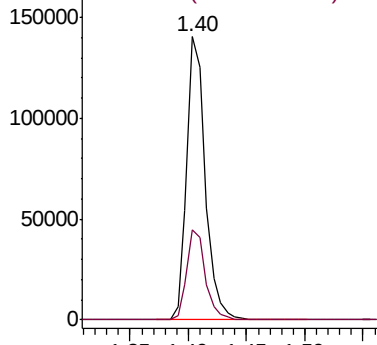
62 100

64 31.6 25.3 37.9

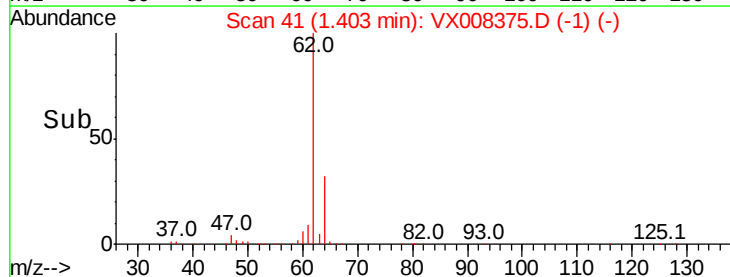


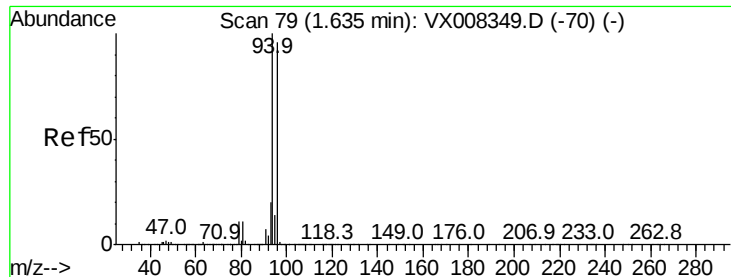
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 45.492 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion: 94 Resp: 95874

Ion Ratio Lower Upper

94 100

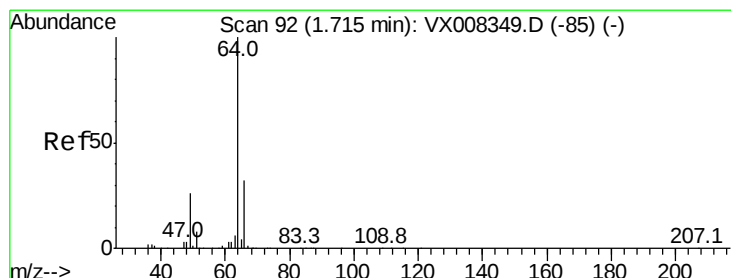
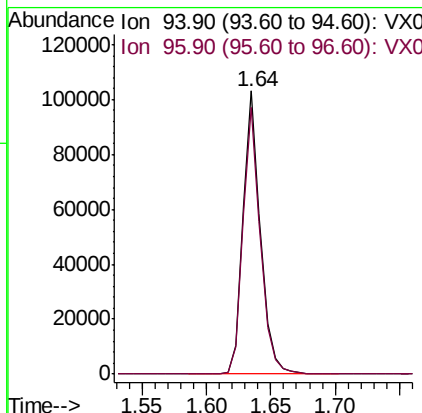
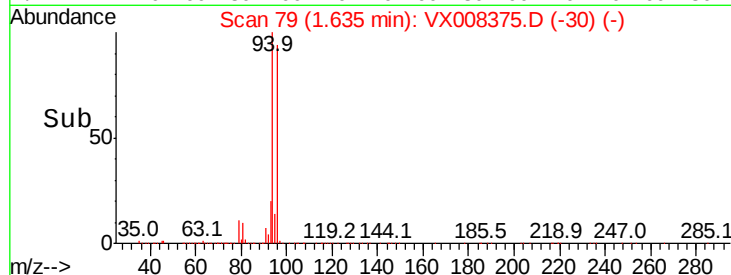
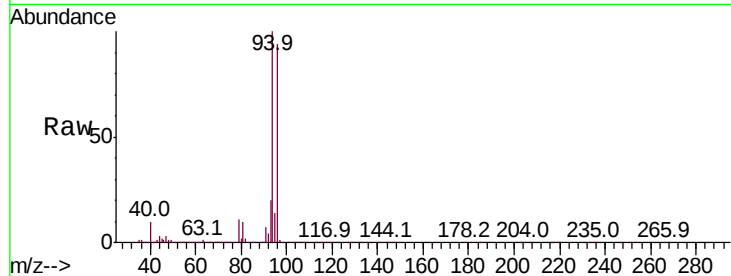
96 94.2 75.5 113.3

Manual Integrations

APPROVED

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3/25/2019 11:09:05 AM



#6

Chloroethane

Concen: 46.912 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008375.D

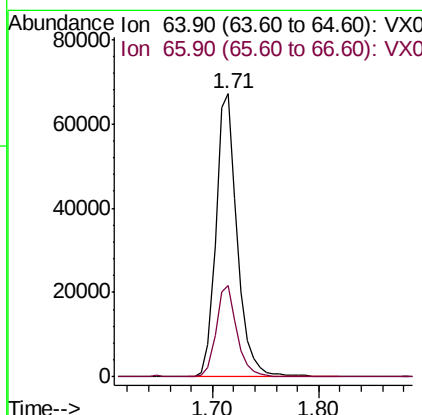
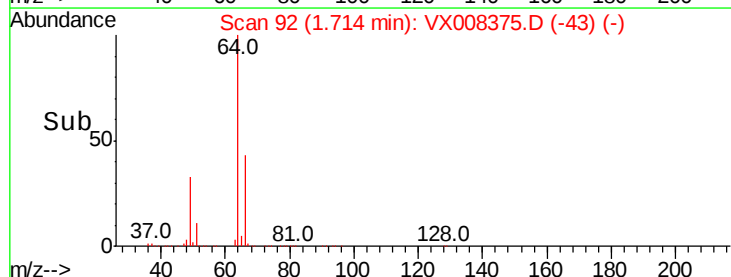
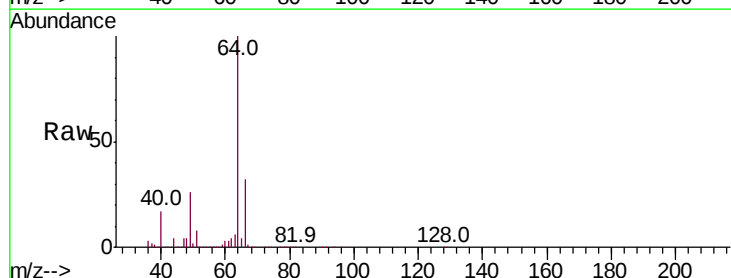
Acq: 24 Mar 2019 01:09

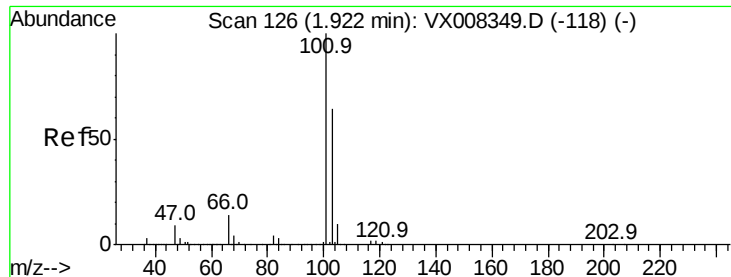
Tgt Ion: 64 Resp: 91951

Ion Ratio Lower Upper

64 100

66 32.0 25.2 37.8





#7

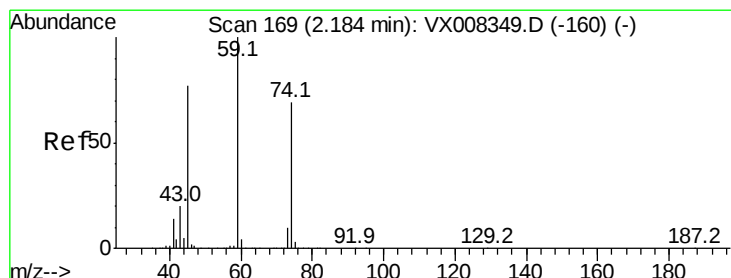
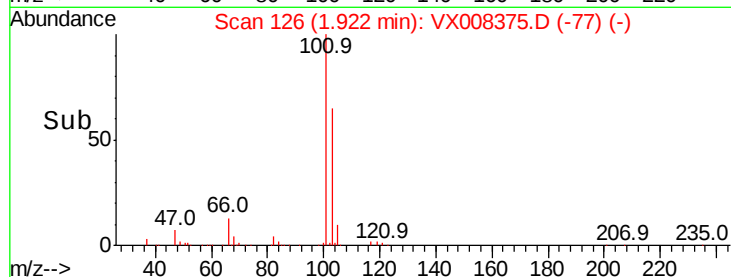
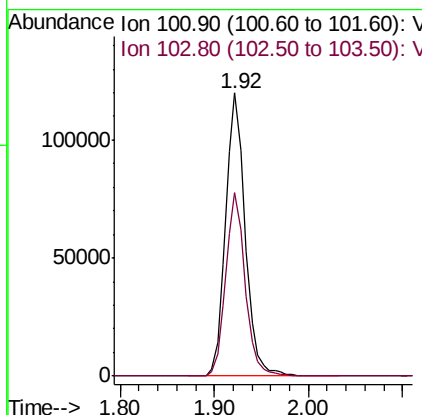
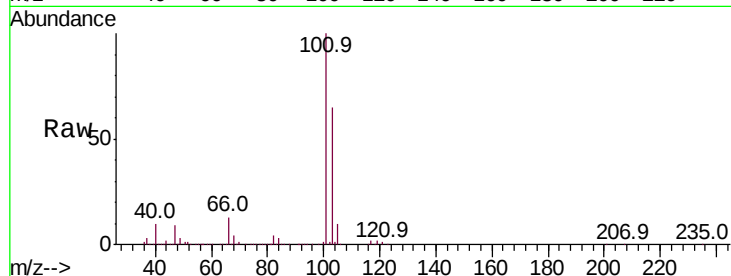
Trichlorofluoromethane
Concen: 45.421 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.4	75.6

Manual Integrations
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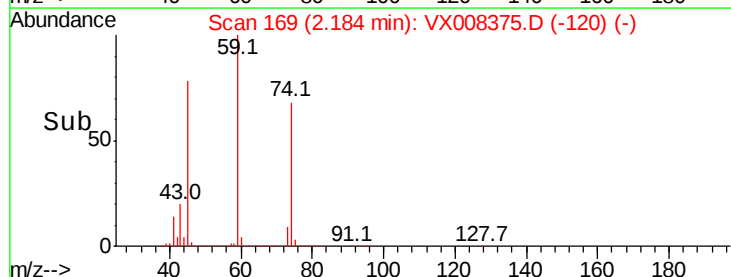
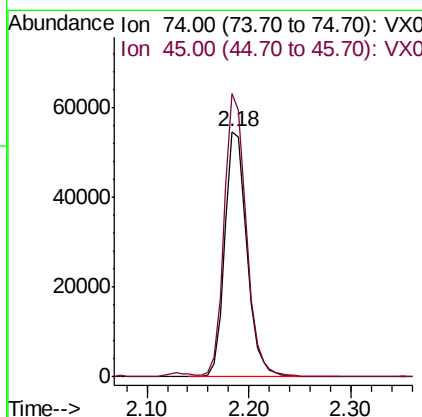
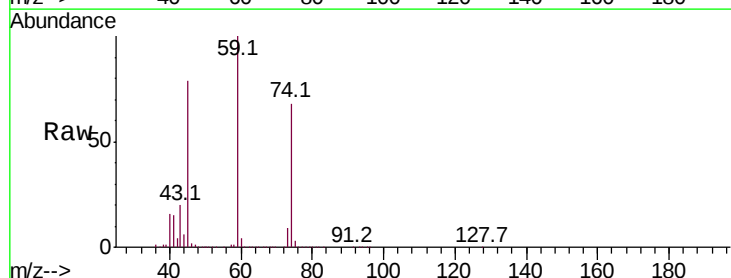
MMDadoda
3/25/2019 11:09:05 AM

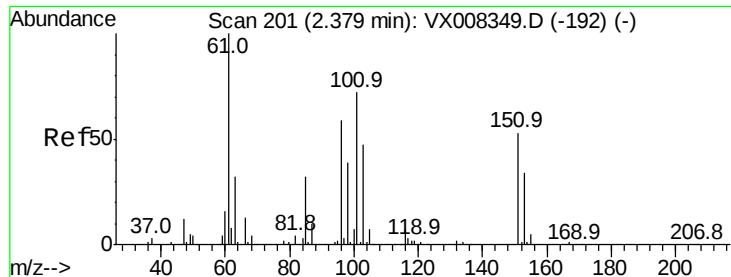


#8

Diethyl Ether
Concen: 45.131 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	114.1	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.891 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

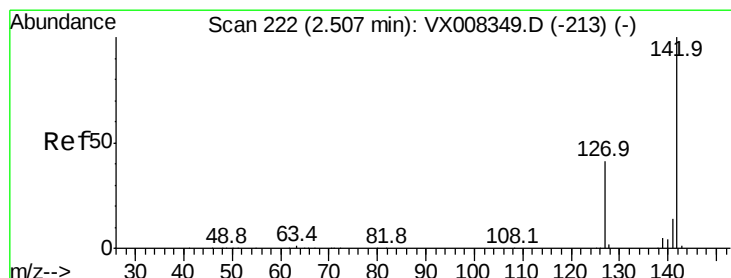
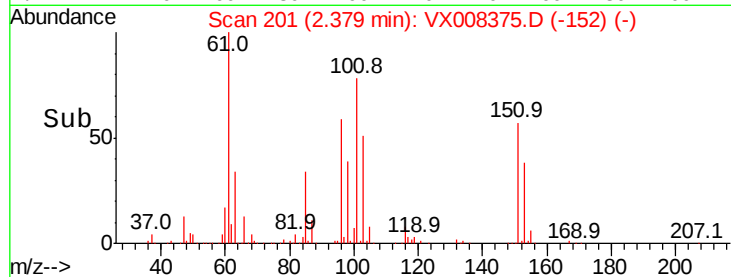
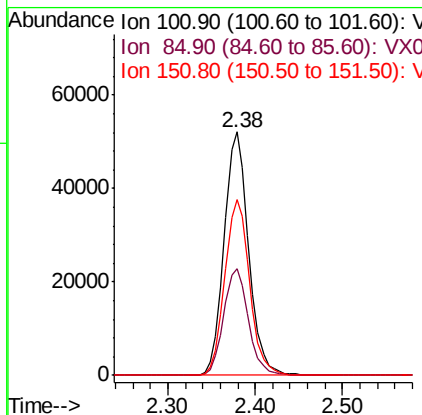
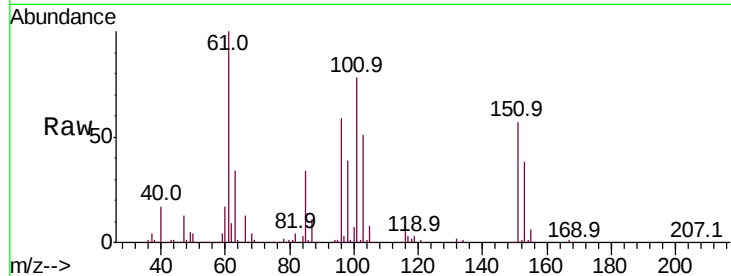
ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion:	101	Resp:	101211
Ion Ratio	Lower	Upper	
101	100		
85	44.2	33.8	50.6
151	73.3	69.1	103.7

Manual Integrations
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#10

Methyl Iodide

Concen: 48.073 ug/l

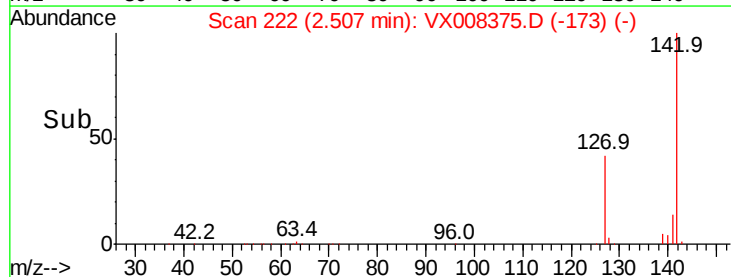
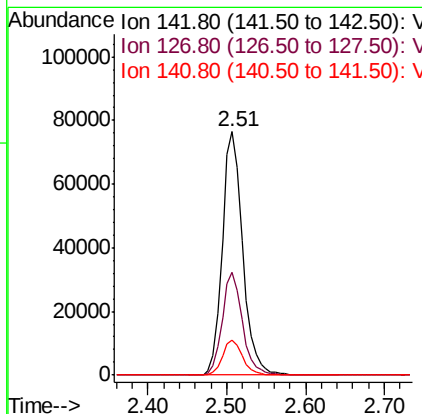
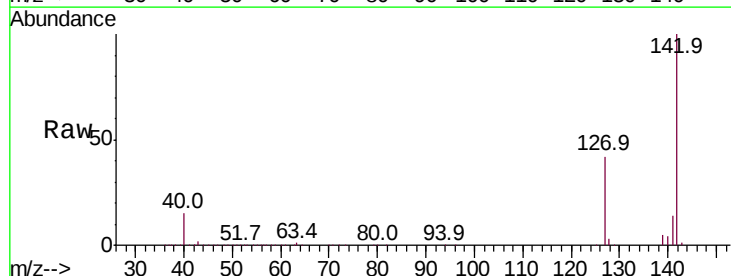
RT: 2.51 min Scan# 222

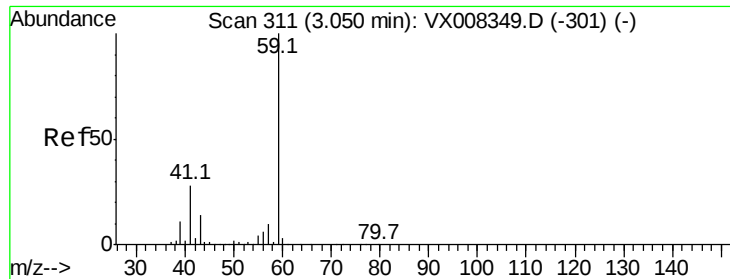
Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Tgt Ion:	142	Resp:	137508
Ion Ratio	Lower	Upper	
142	100		
127	41.7	32.1	48.1
141	14.2	11.4	17.2





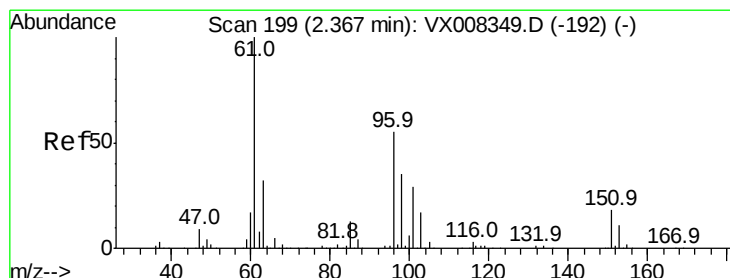
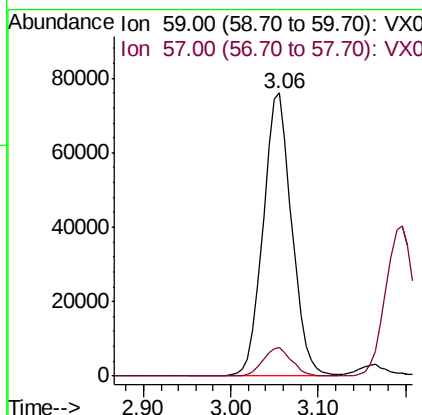
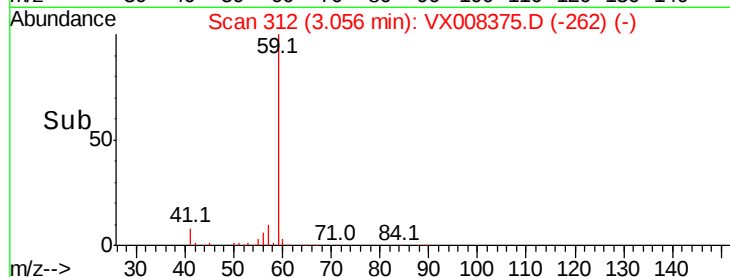
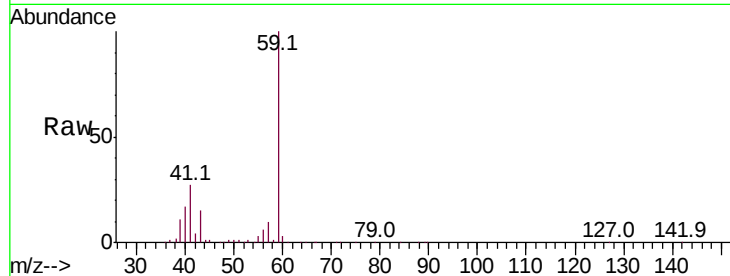
#11
Tert butyl alcohol
Concen: 249.636 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tot Ion: 59 Resp: 173287
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

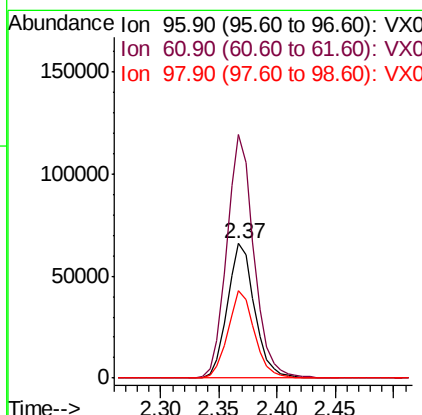
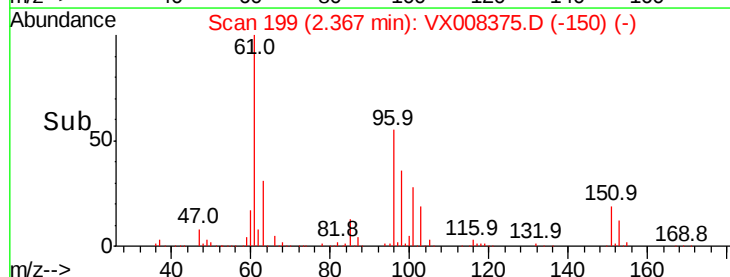
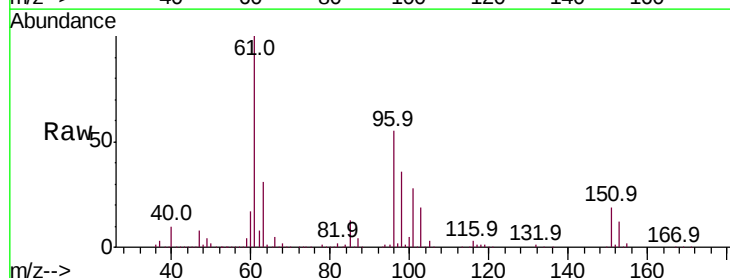
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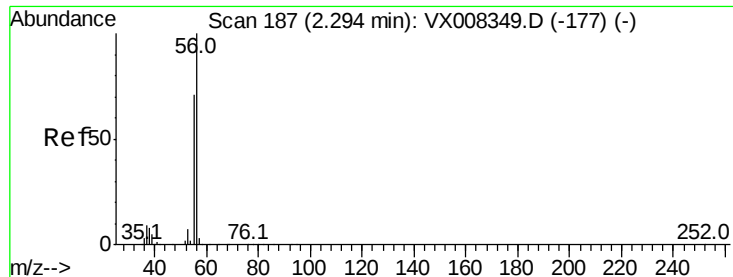
MMDadoda
3/25/2019 11:09:05 AM



#12
1,1-Dichloroethene
Concen: 46.182 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Tgt Ion: 96 Resp: 107479
Ion Ratio Lower Upper
96 100
61 181.2 129.8 194.6
98 65.0 51.0 76.6





#13

Acrolein

Concen: 222.811 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion: 56 Resp: 132166

Ion Ratio Lower Upper

56 100

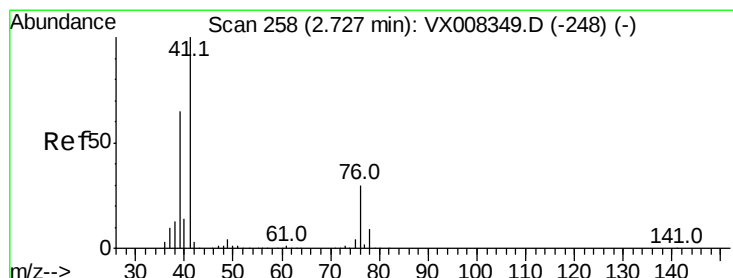
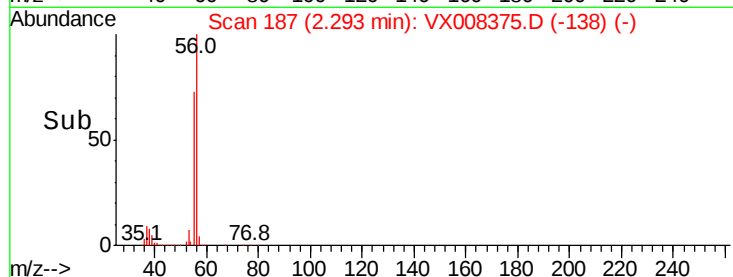
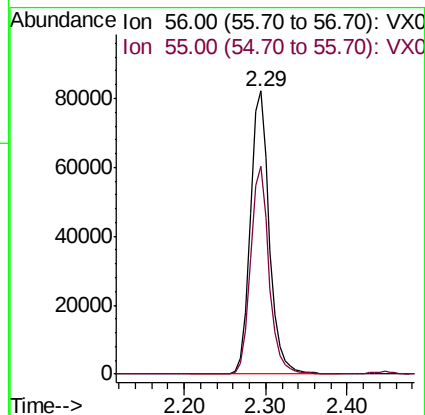
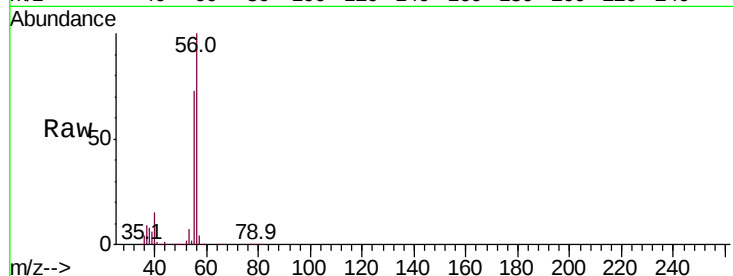
55 71.4 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 45.490 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

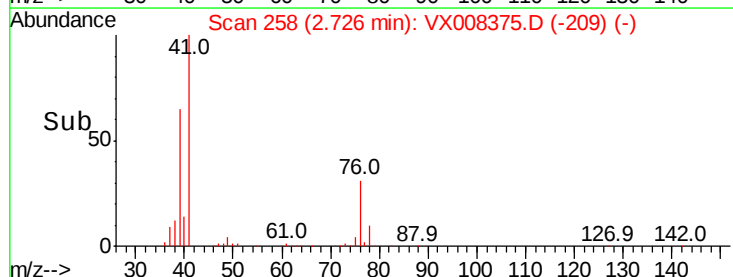
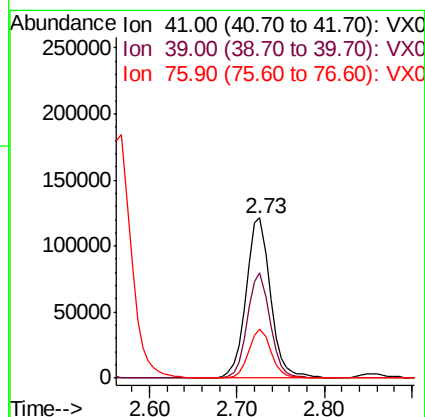
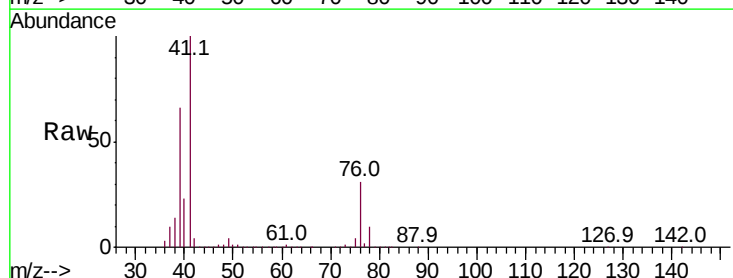
Tgt Ion: 41 Resp: 234207

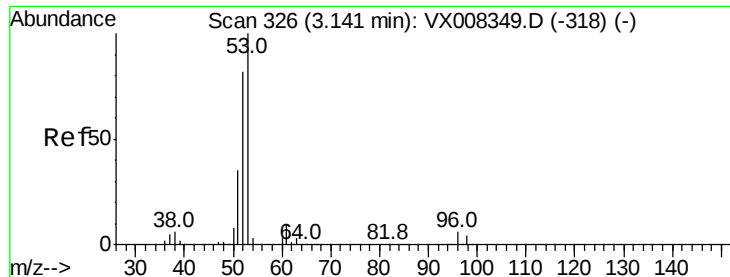
Ion Ratio Lower Upper

41 100

39 61.7 46.1 69.1

76 27.8 24.0 36.0





#15

Acrylonitrile

Concen: 234.958 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

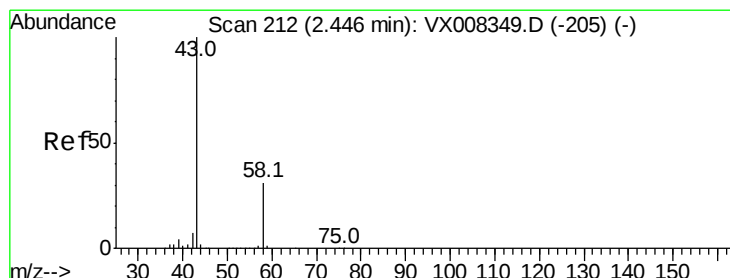
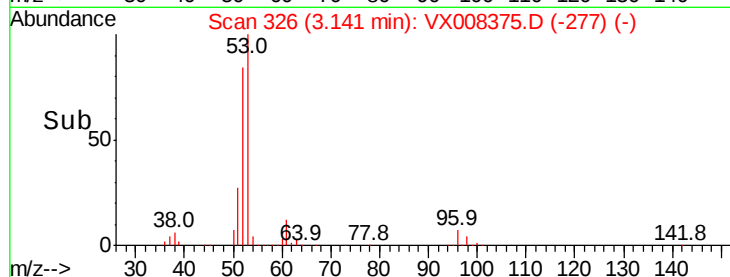
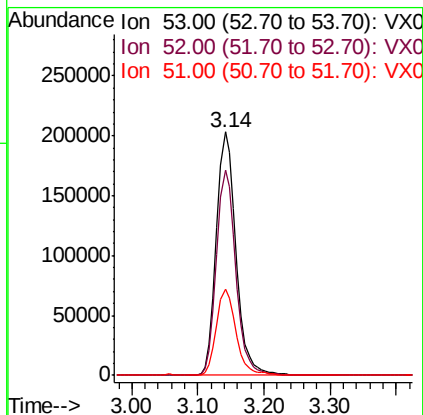
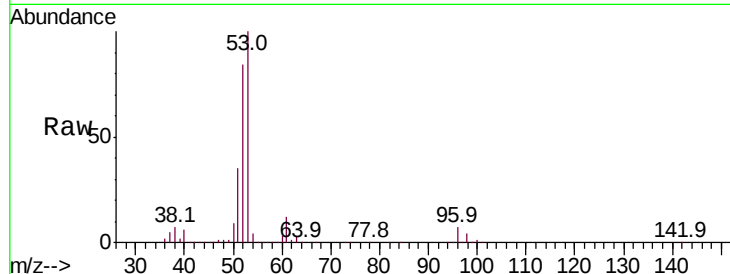
ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion:	53	Resp:	417669
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.0	99.0
51	35.6	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 229.254 ug/l

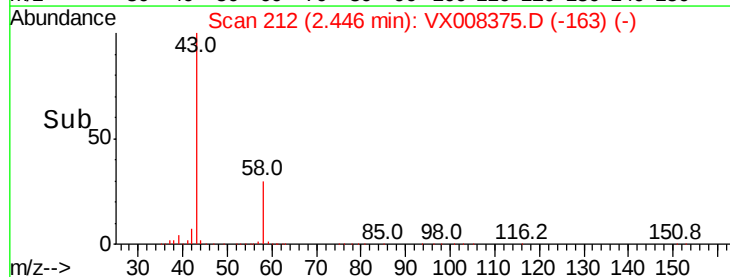
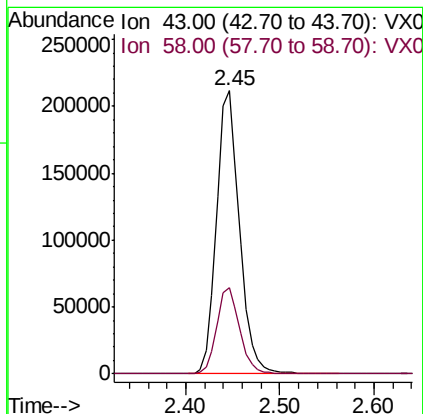
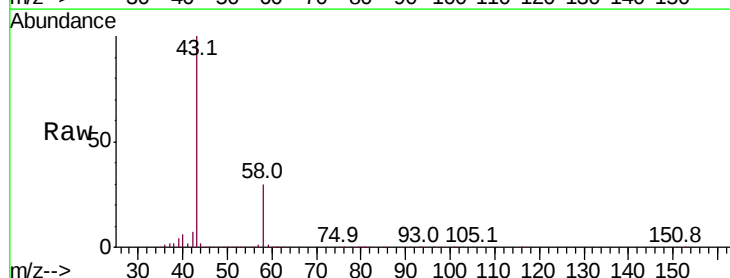
RT: 2.45 min Scan# 212

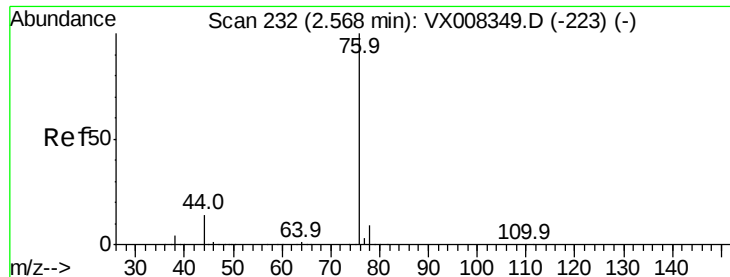
Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Tgt Ion:	43	Resp:	357116
Ion	Ratio	Lower	Upper
43	100		
58	30.3	25.5	38.3





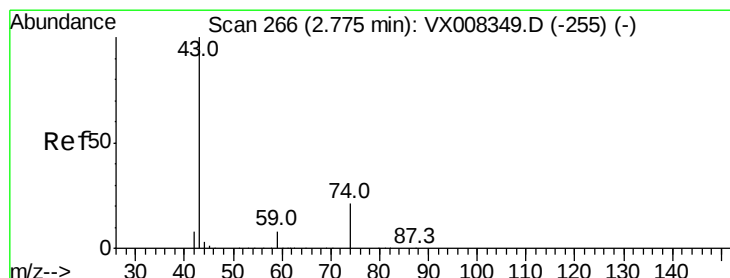
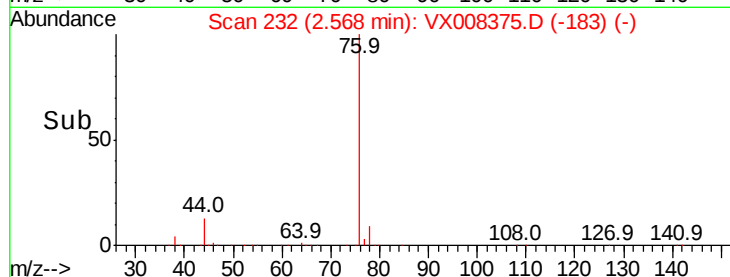
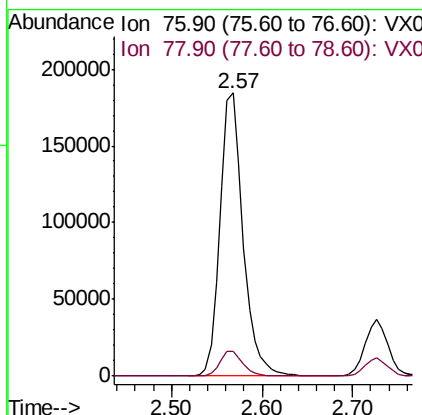
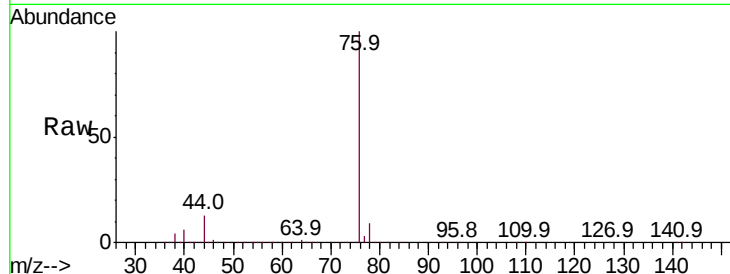
#17
Carbon Disulfide
Concen: 44.136 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

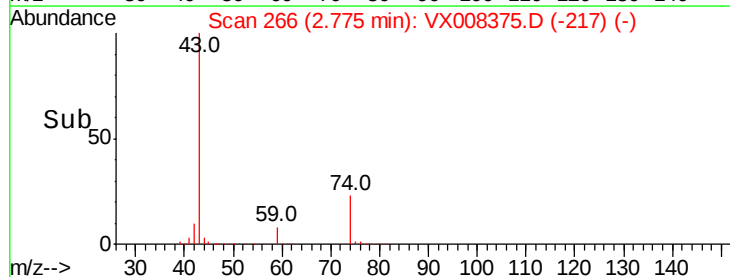
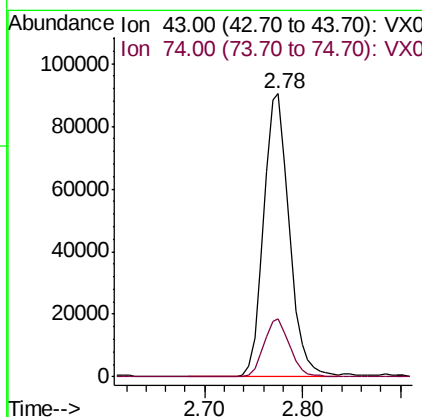
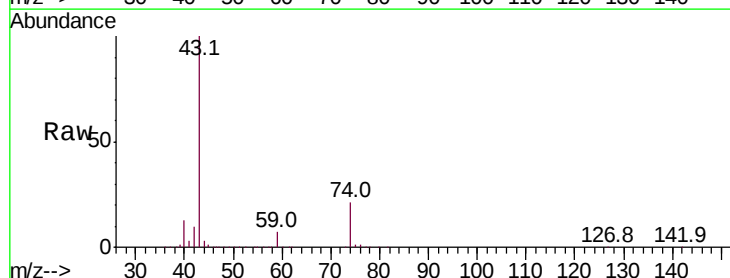
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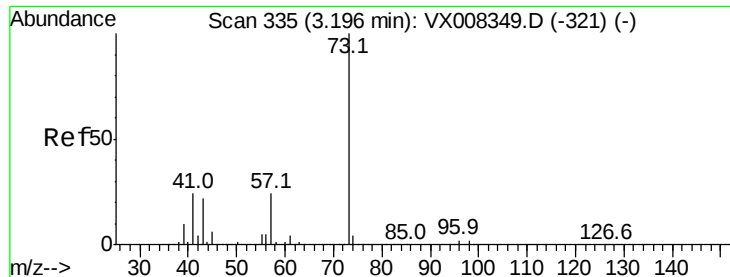
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3/25/2019 11:09:05 AM



#18
Methyl Acetate
Concen: 42.051 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.0	17.8	26.6





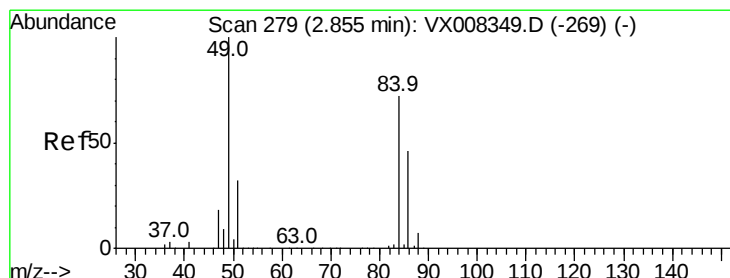
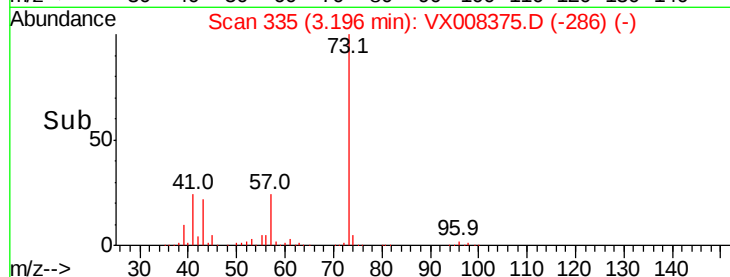
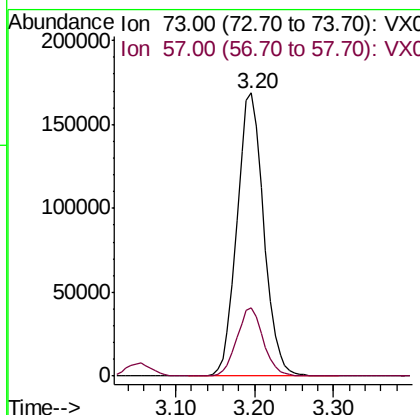
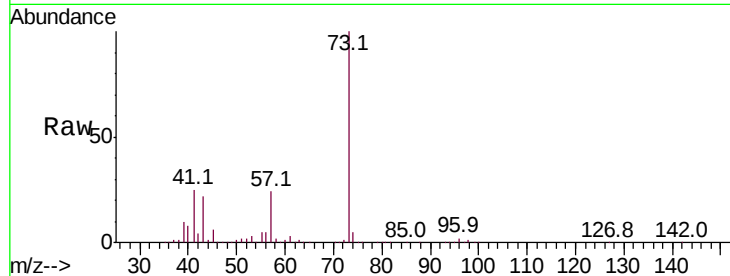
#19
Methvl tert-butvl Ether
Concen: 47.427 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.9	18.2	27.4

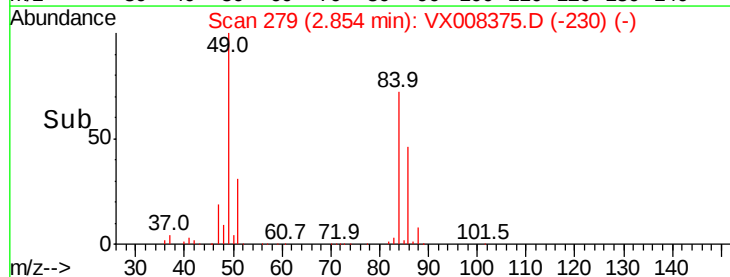
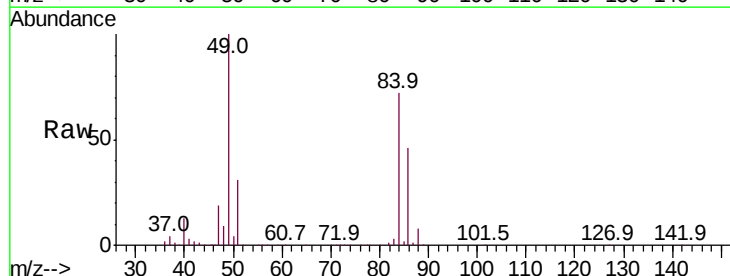
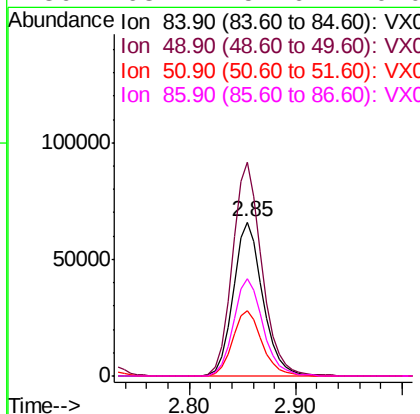
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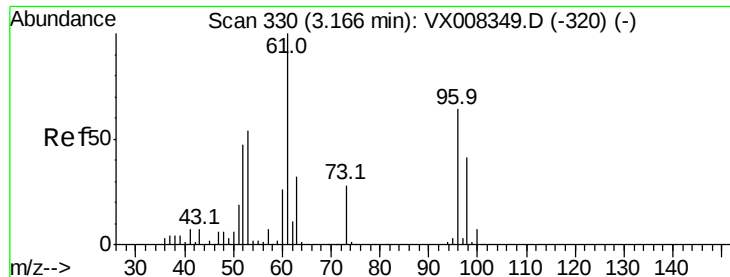
MMDadoda
3/25/2019 11:09:05 AM



#20
Methylene Chloride
Concen: 45.538 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.7	99.3	148.9
51	42.6	31.3	46.9
86	63.1	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 45.356 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion: 96 Resp: 114298

Ion Ratio Lower Upper

96 100

61 160.3 114.4 171.6

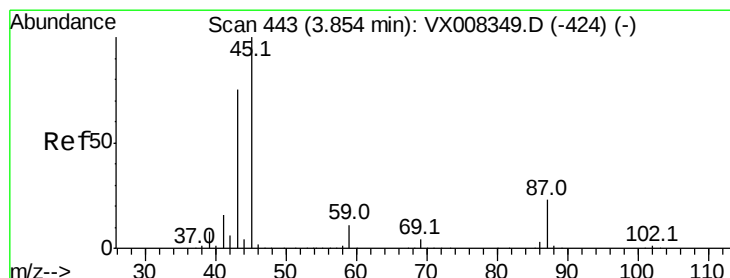
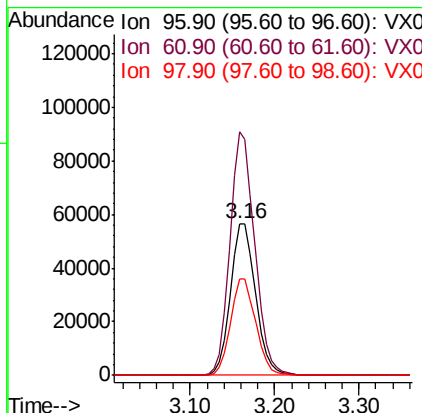
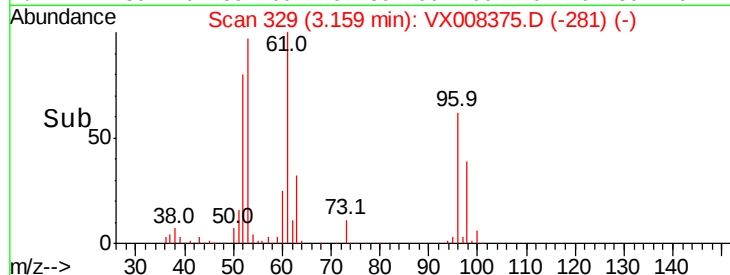
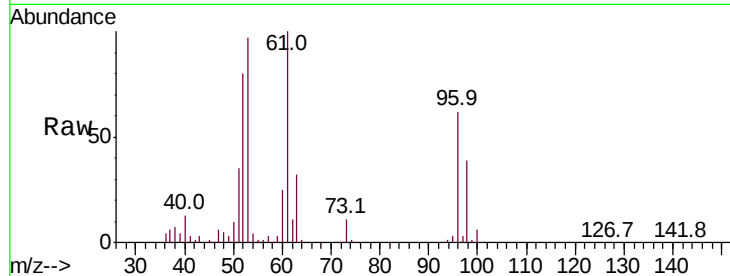
98 63.2 51.1 76.7

Manual Integrations

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#22

Diisopropyl ether

Concen: 47.200 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Tgt Ion: 45 Resp: 473152

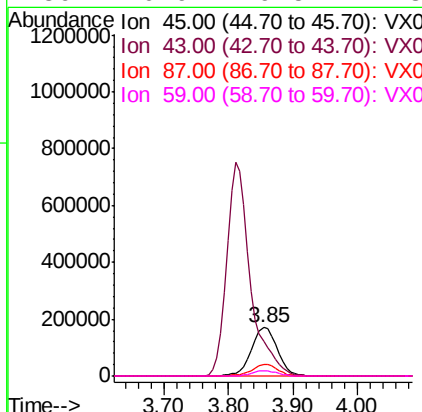
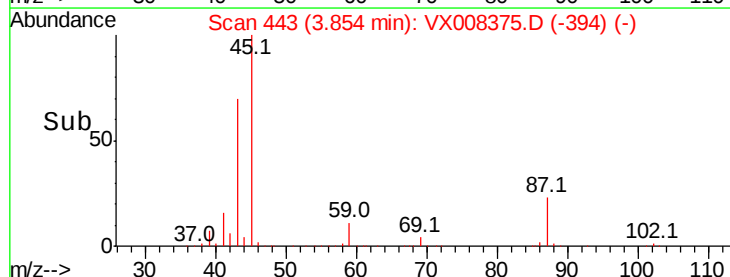
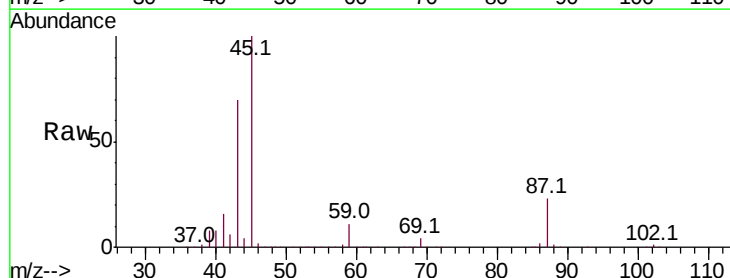
Ion Ratio Lower Upper

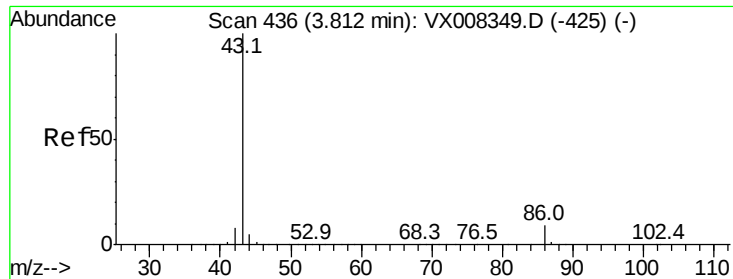
45 100

43 70.4 45.3 67.9#

87 23.2 21.4 32.0

59 10.9 9.5 14.3





#23

Vinyl Acetate

Concen: 219.197 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion: 43 Resp: 1940045

Ion Ratio Lower Upper

43 100

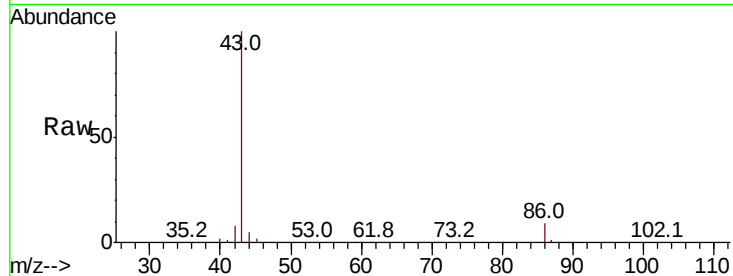
86 8.7 7.9 11.9

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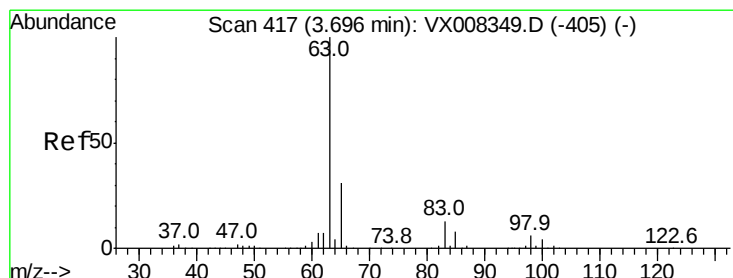
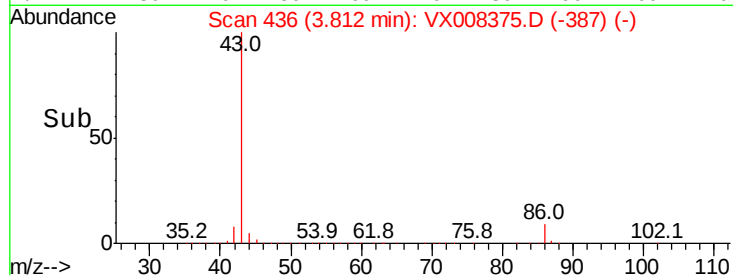
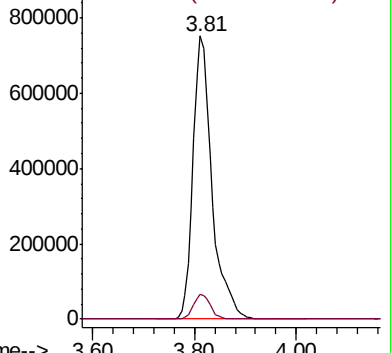
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.441 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

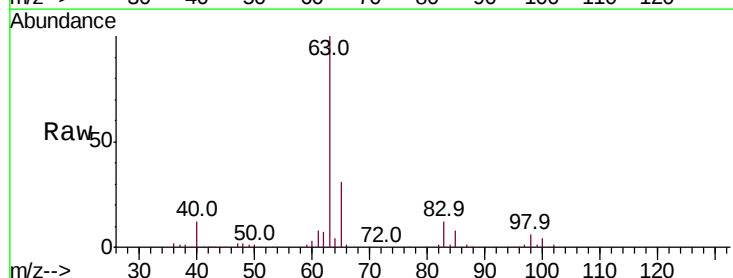
Tgt Ion: 63 Resp: 237360

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

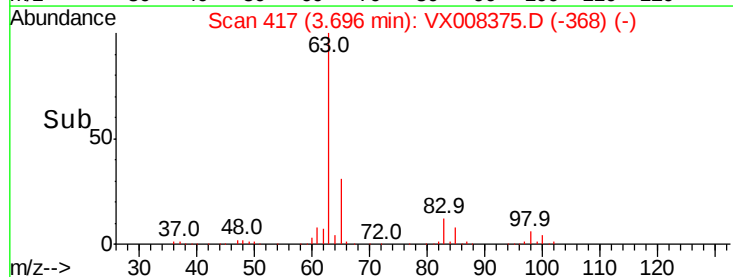
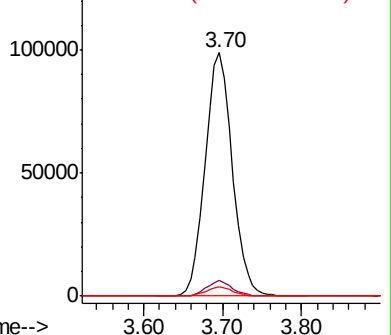
100 4.0 2.3 6.8

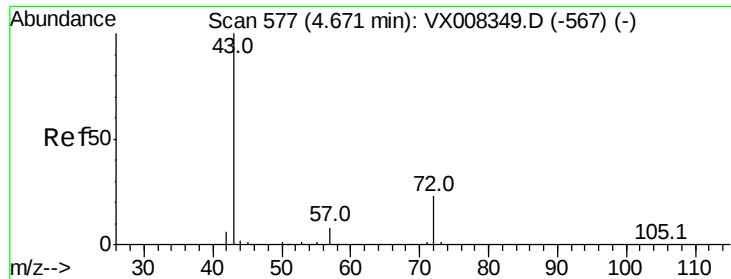


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 237.194 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion: 43 Resp: 608398

Ion Ratio Lower Upper

43 100

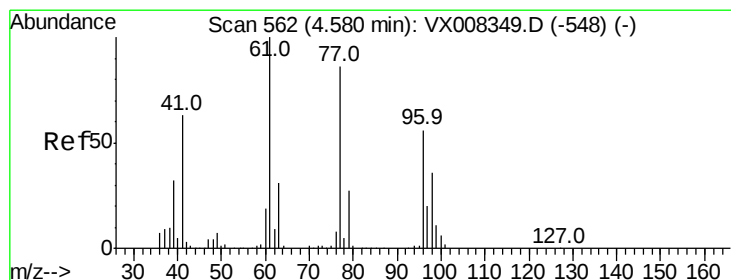
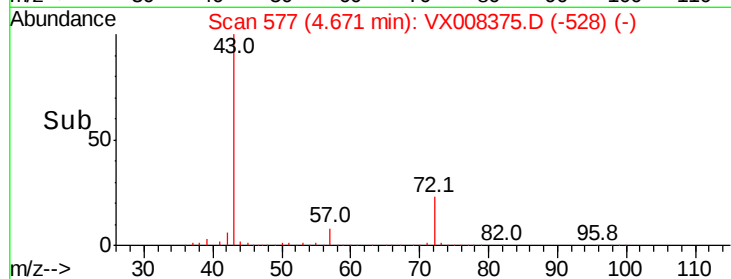
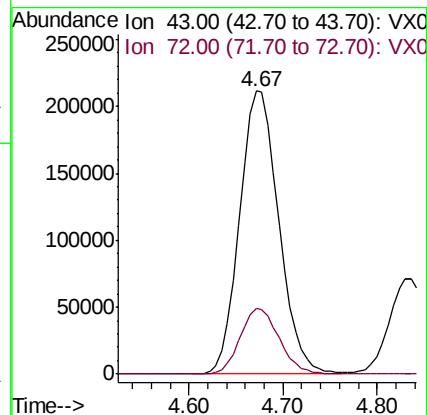
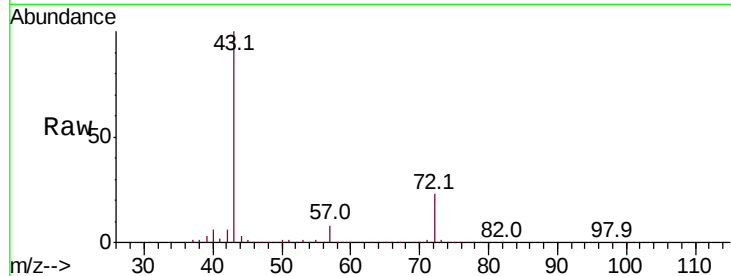
72 23.1 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 37.030 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX008375.D

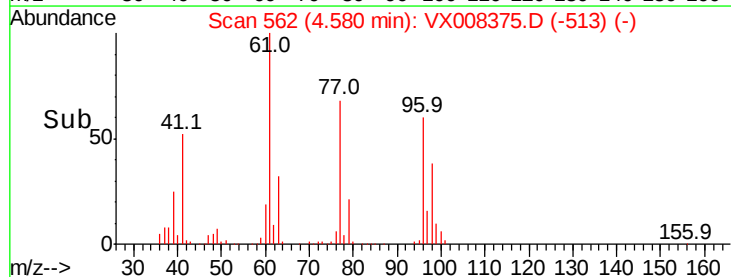
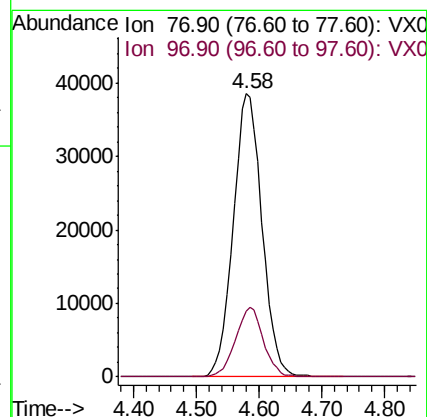
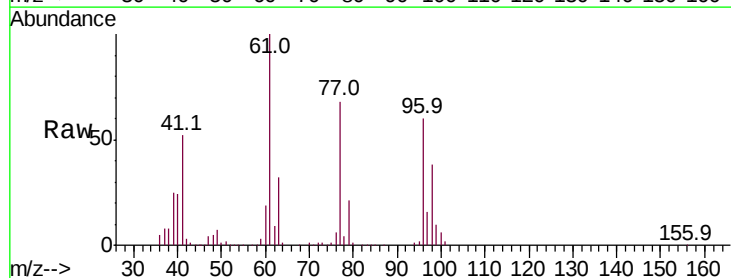
Acq: 24 Mar 2019 01:09

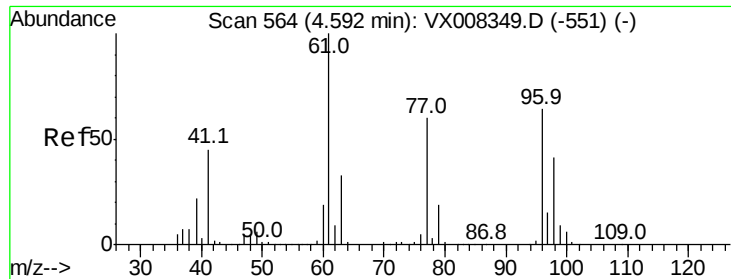
Tgt Ion: 77 Resp: 121935

Ion Ratio Lower Upper

77 100

97 23.7 12.2 36.6





#27

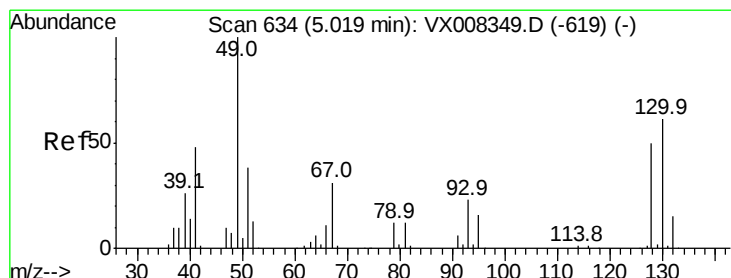
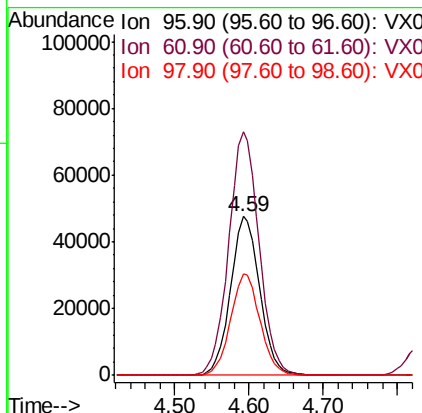
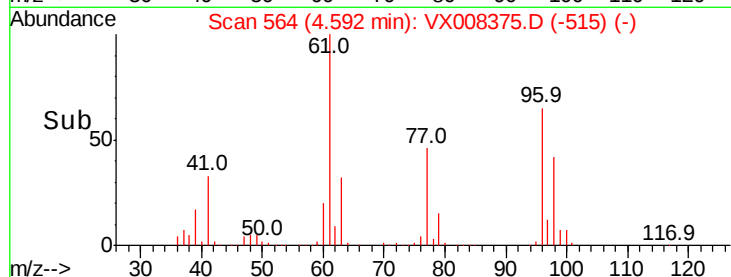
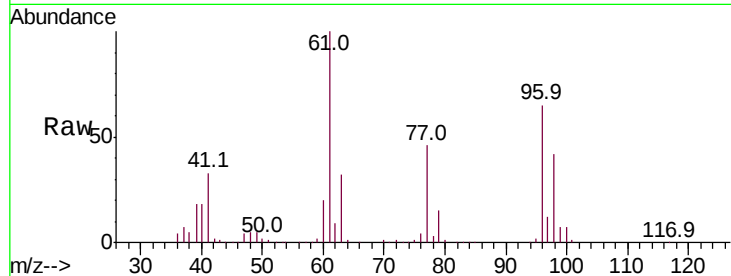
cis-1,2-Dichloroethene
 Concen: 45.508 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX008375.D
 Acq: 24 Mar 2019 01:09

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	131349		
61	158.9	0.0	288.0	
98	64.3	0.0	129.0	

Manual Integrations
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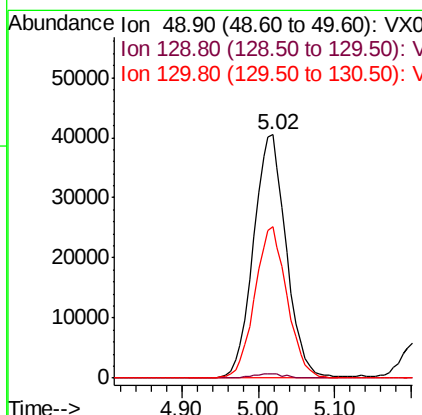
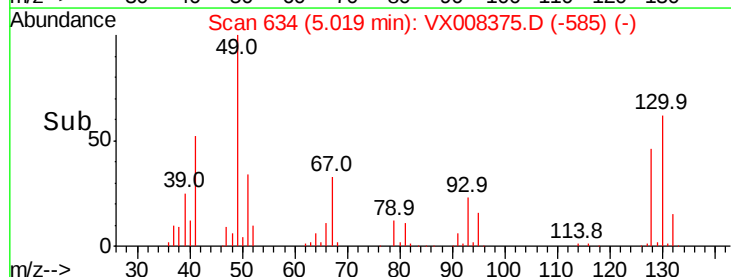
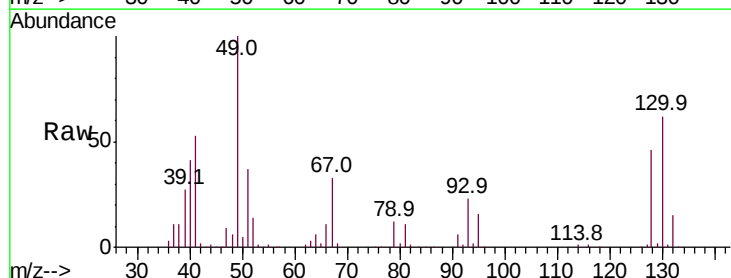
MMDadoda
 3/25/2019 11:09:05 AM

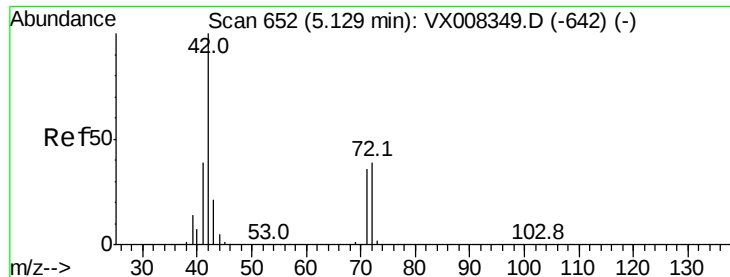


#28

Bromochloromethane
 Concen: 47.426 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX008375.D
 Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	121004		
129	1.7	0.0	4.0	
130	61.3	65.0	97.4#	





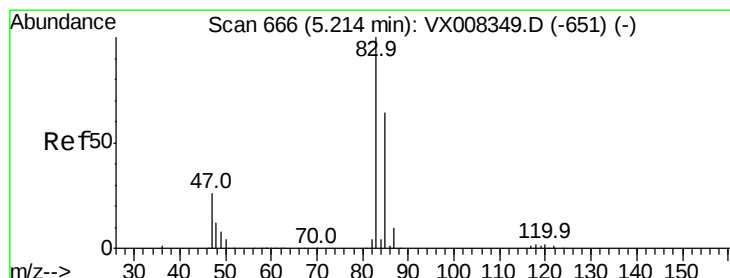
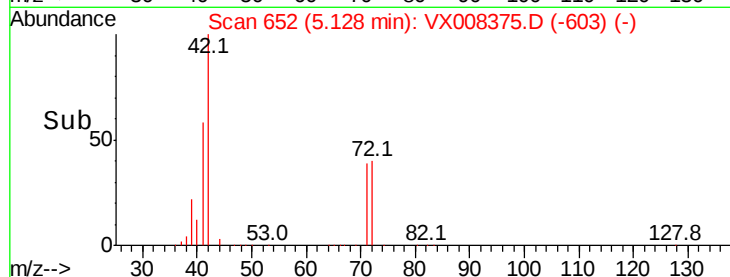
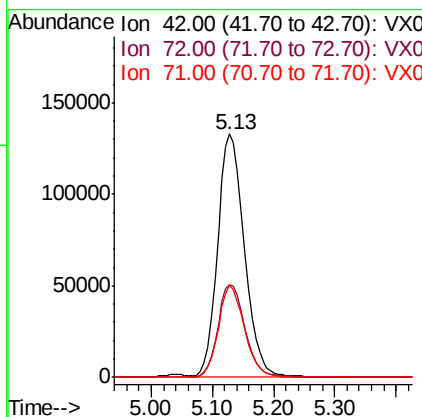
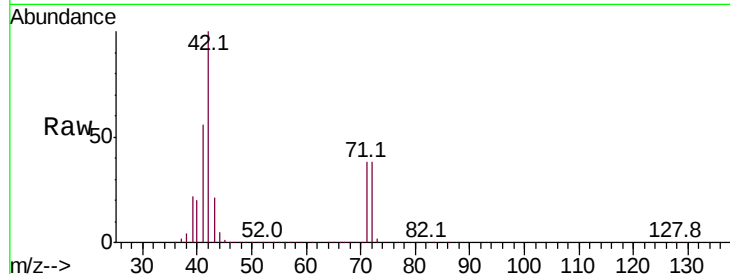
#29
Tetrahydrofuran
Concen: 236.387 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.0	33.8	50.6
71	36.9	31.5	47.3

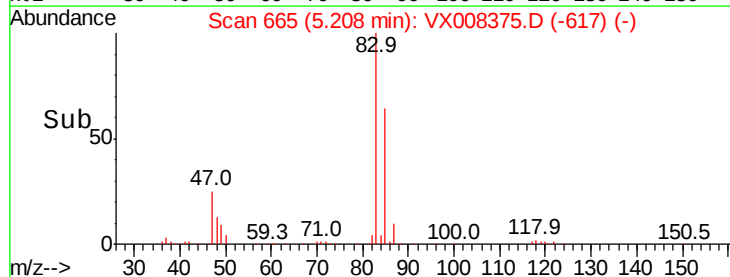
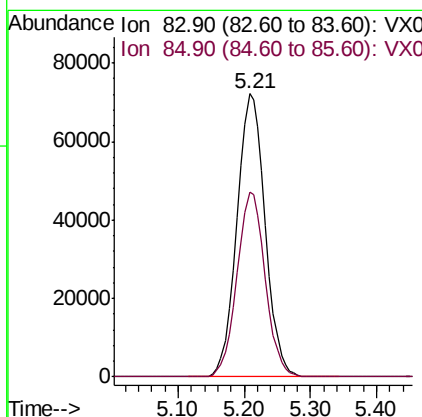
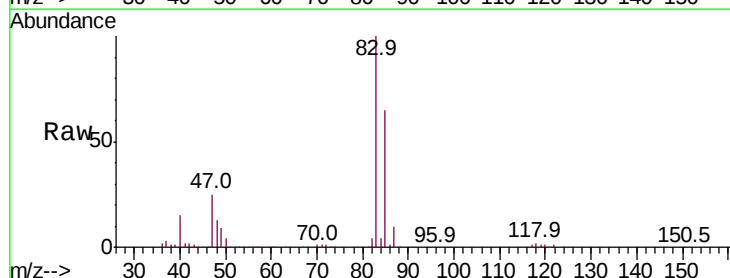
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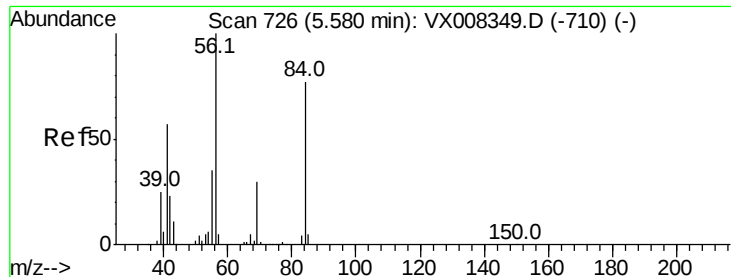
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#30
Chloroform
Concen: 46.432 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.8	77.6





#31

Cyclohexane

Concen: 46.132 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion: 56 Resp: 226092

Ion Ratio Lower Upper

56 100

69 29.5 24.0 36.0

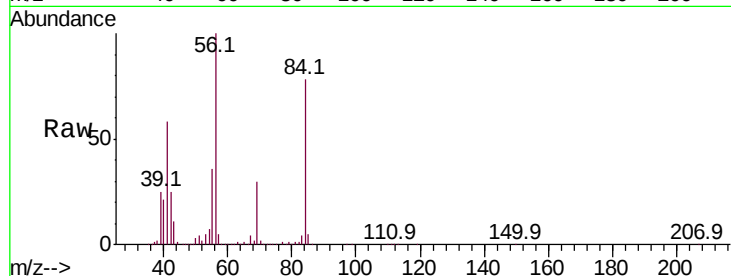
84 77.4 65.3 97.9

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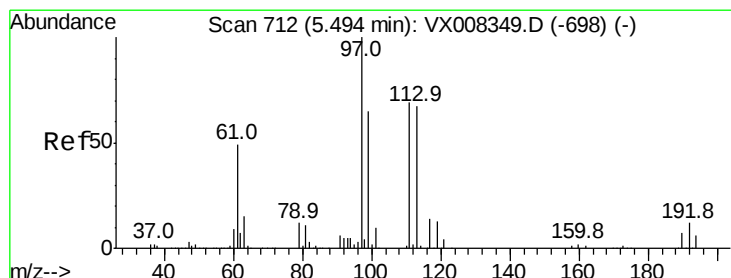
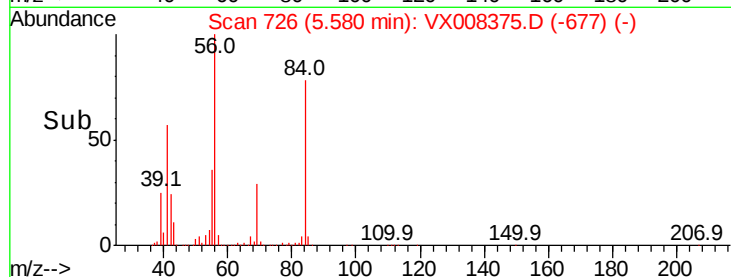
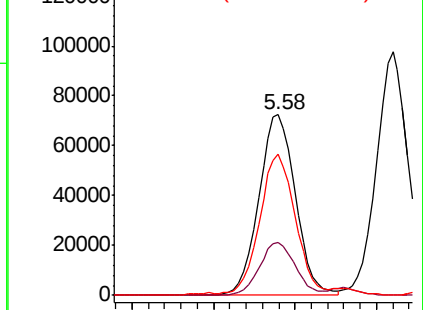
3/25/2019 11:09:05 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 47.544 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

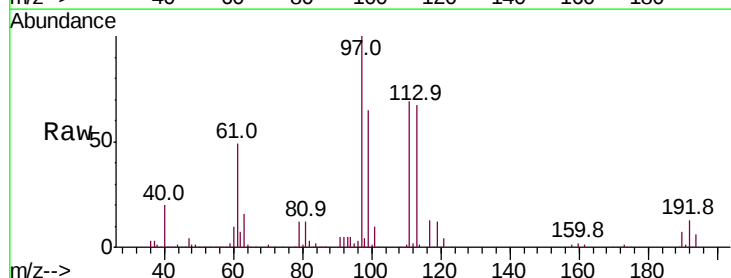
Tgt Ion: 97 Resp: 173327

Ion Ratio Lower Upper

97 100

99 64.1 52.2 78.2

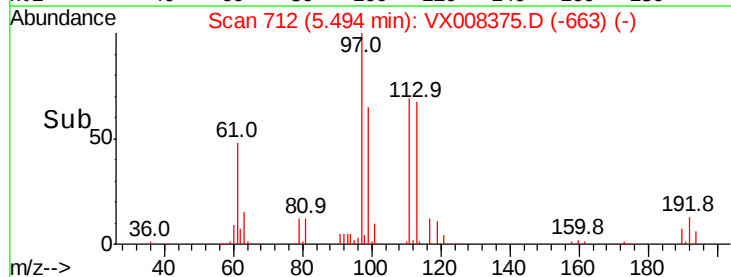
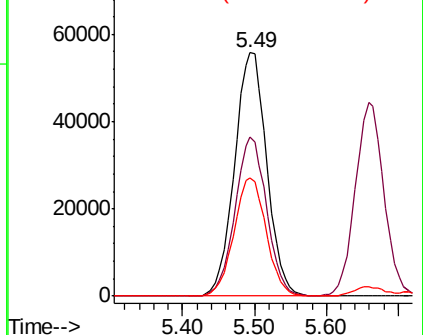
61 48.9 34.9 52.3

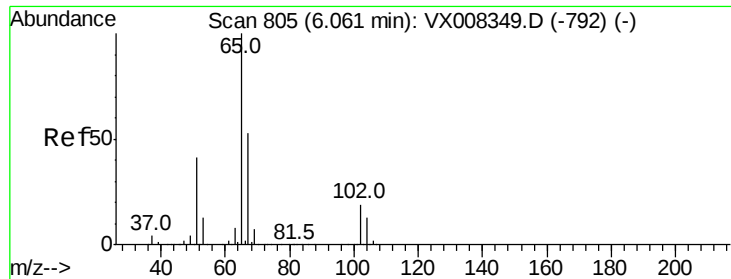


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.929 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion: 65 Resp: 146253

Ion Ratio Lower Upper

65 100

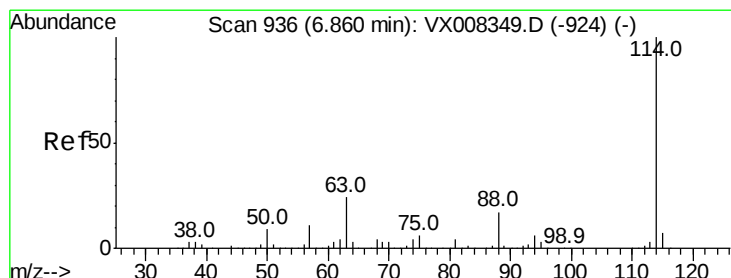
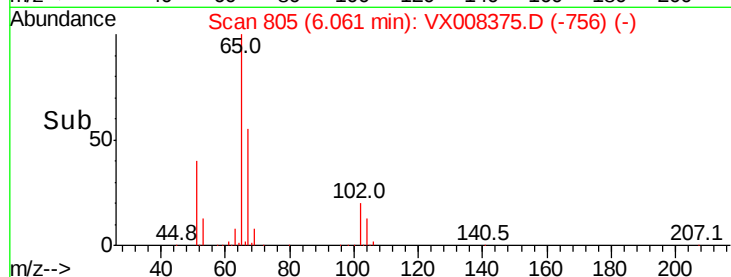
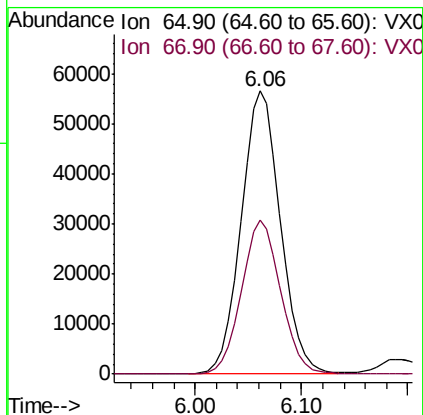
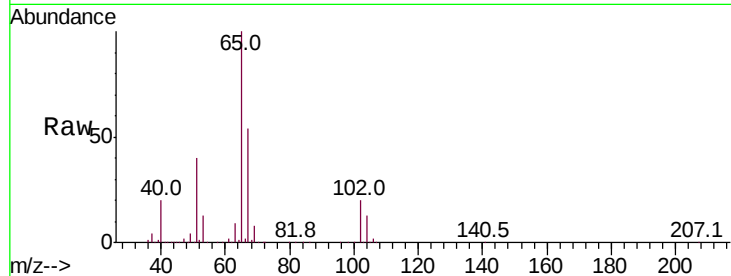
67 54.4 0.0 110.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

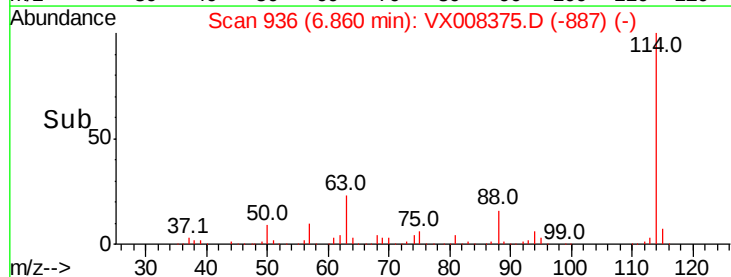
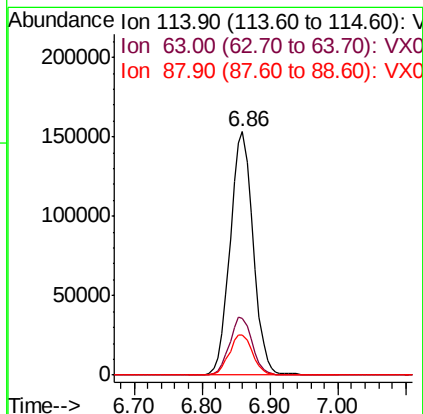
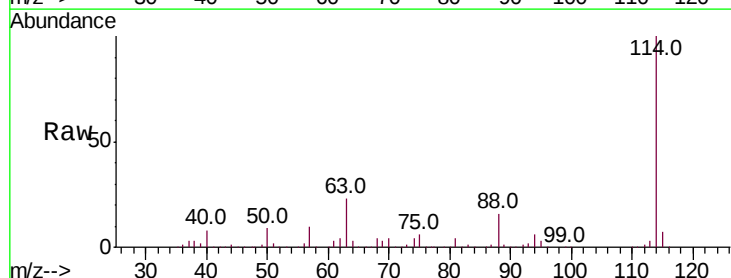
Tgt Ion: 114 Resp: 359650

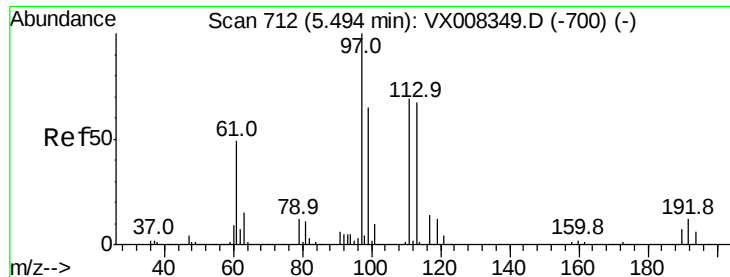
Ion Ratio Lower Upper

114 100

63 23.2 0.0 39.8

88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.513 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

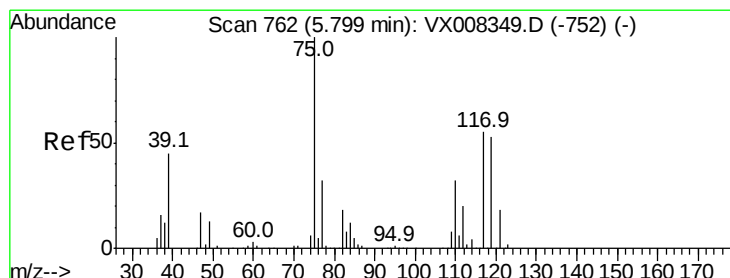
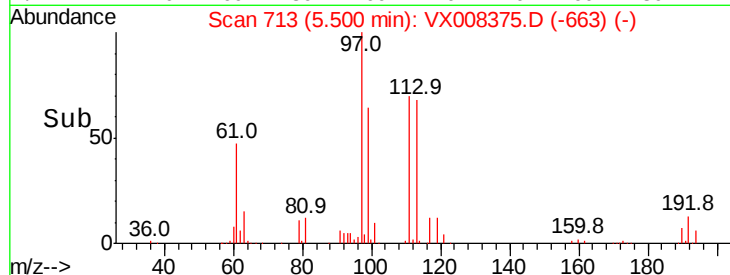
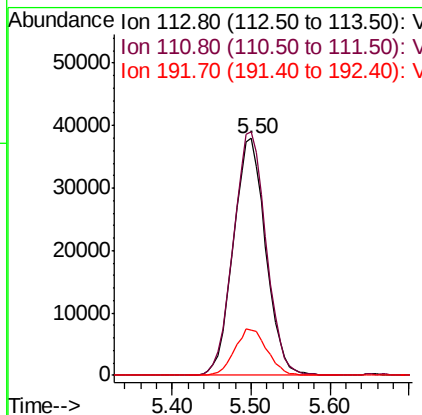
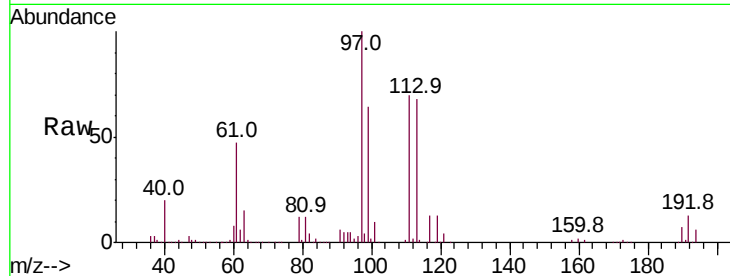
ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	108383		
111	104.0	81.4	122.0	
192	19.6	19.4	29.0	

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#36

1,1-Dichloropropene

Concen: 45.696 ug/l

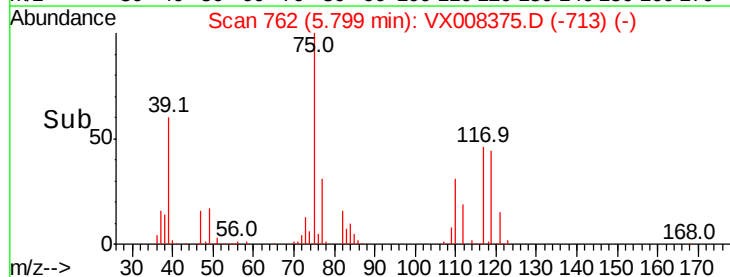
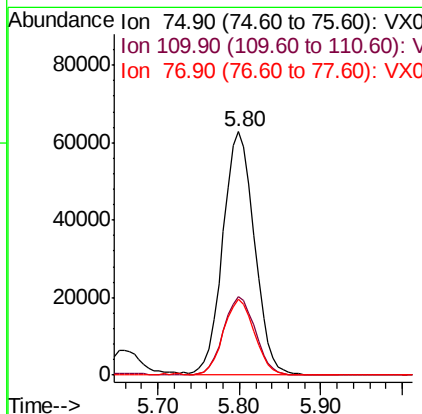
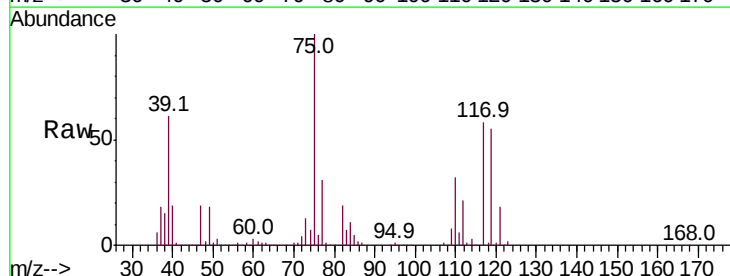
RT: 5.80 min Scan# 762

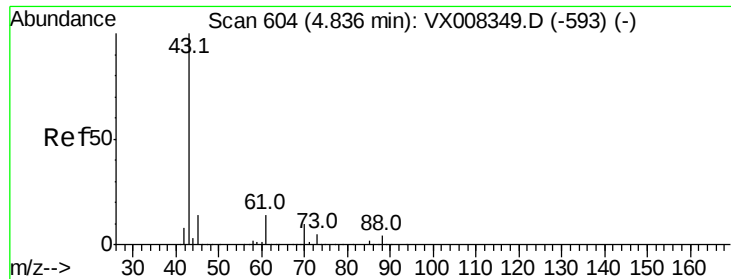
Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	167938		
110	32.6	18.4	55.0	
77	30.4	25.0	37.4	





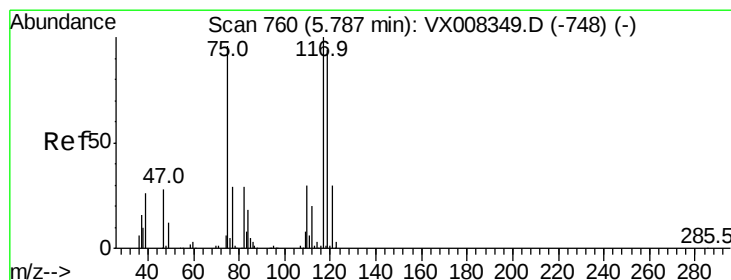
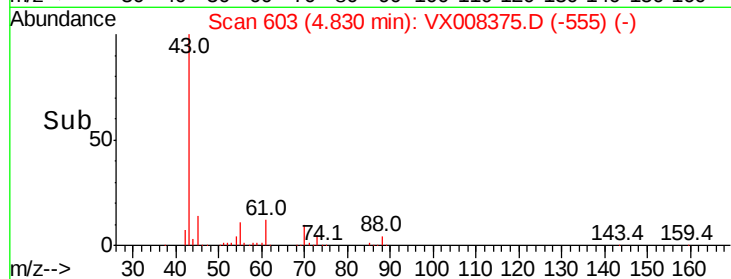
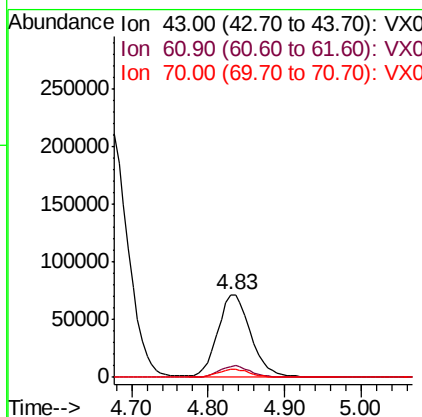
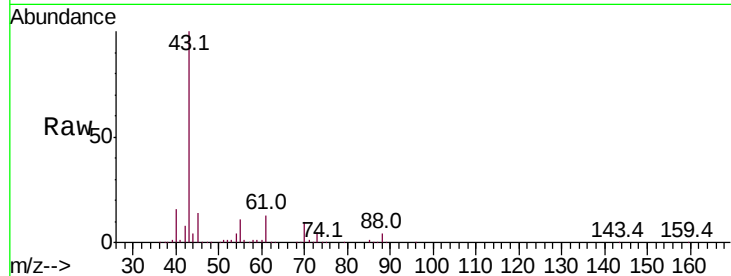
#37
Ethyl Acetate
Concen: 42.830 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.3	16.9
70	9.9	8.5	12.7

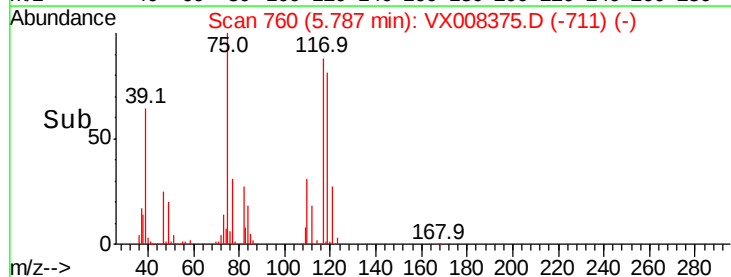
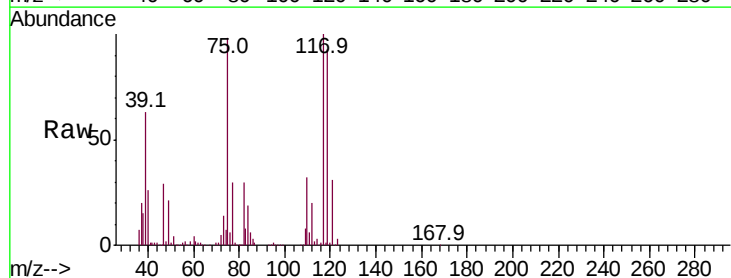
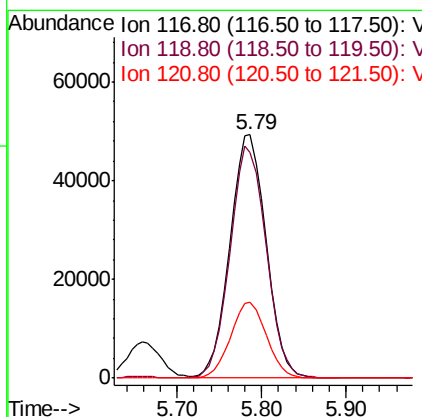
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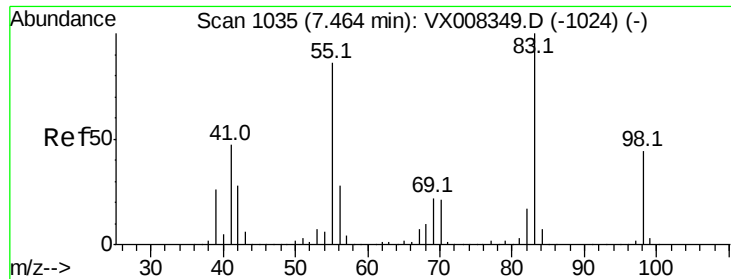
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#38
Carbon Tetrachloride
Concen: 45.563 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.2	114.2
121	31.1	24.6	36.8





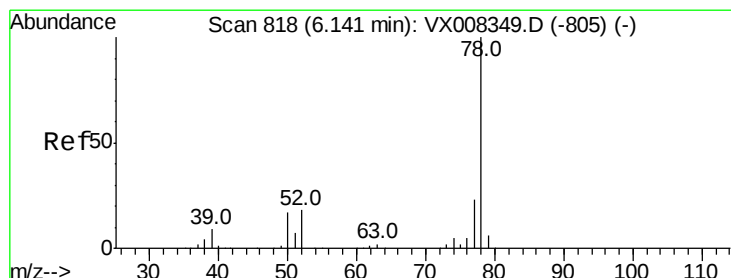
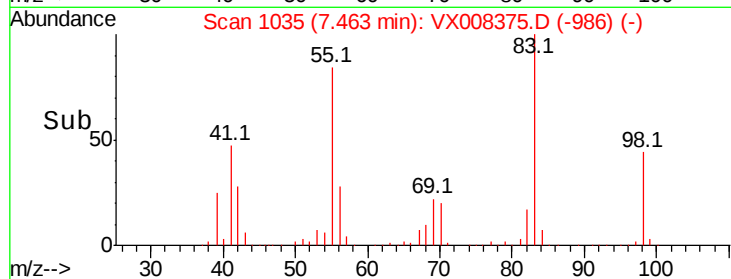
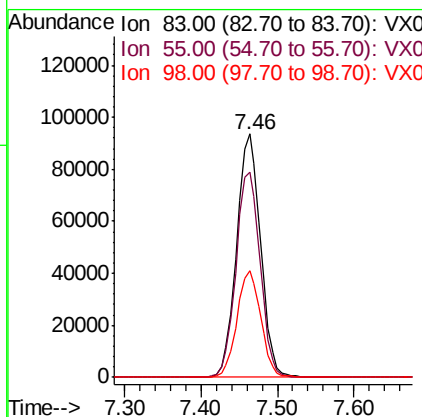
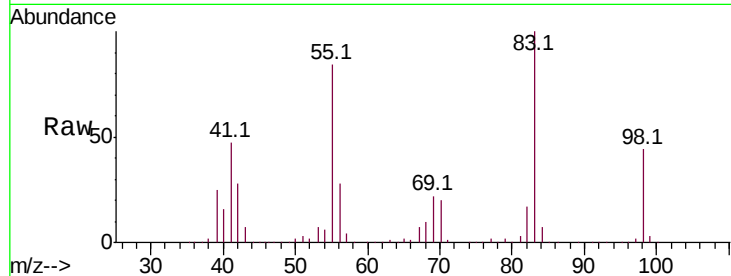
#39
Methvlcvclohexane
Concen: 44.983 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	202633		
55	84.0		60.4	90.6
98	43.8		36.5	54.7

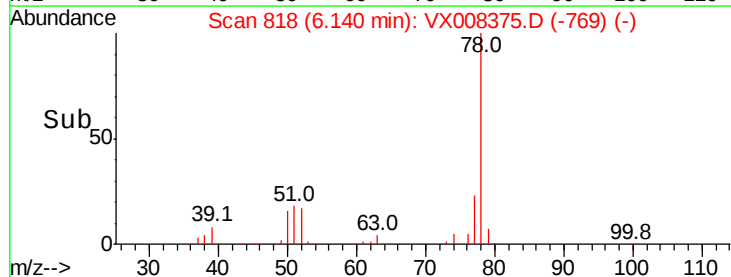
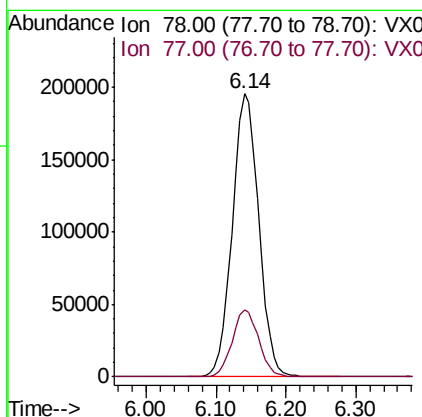
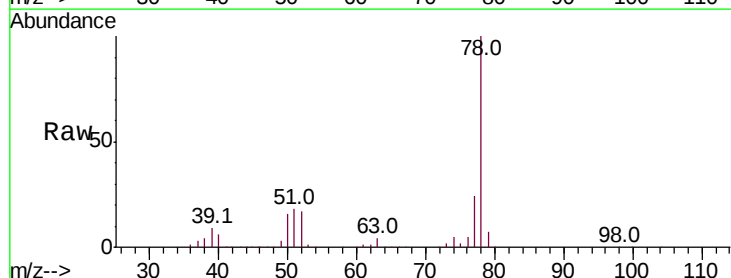
Manual Integrations
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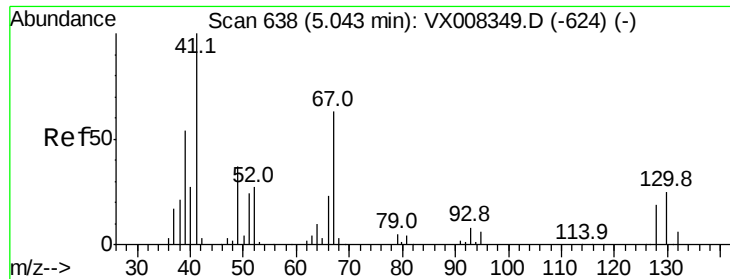
MMDadoda
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#40
Benzene
Concen: 45.835 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	512990		
77	23.9		19.0	28.4





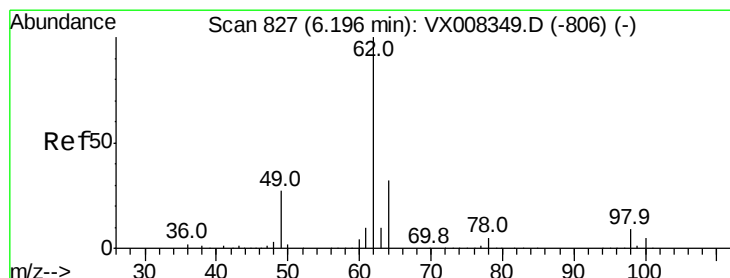
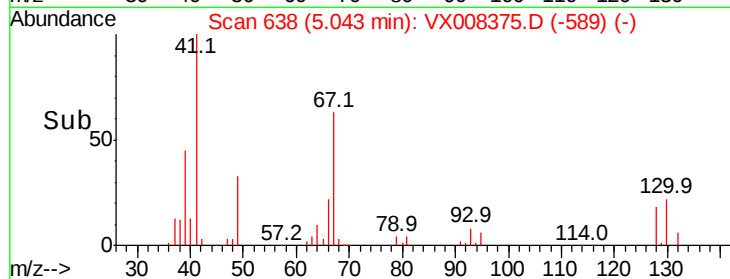
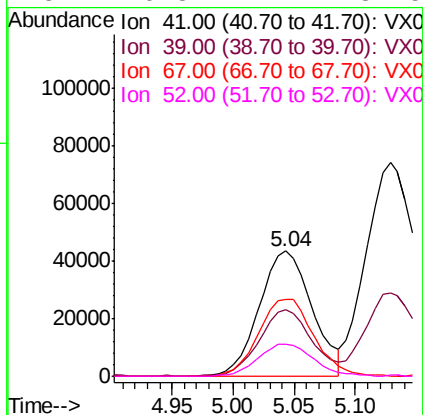
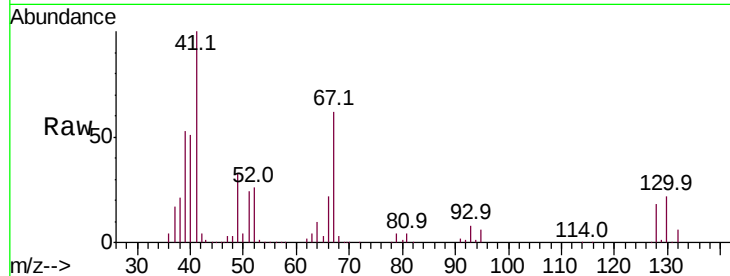
#41
Methacrylonitrile
Concen: 47.989 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.0	41.6	62.4
67	64.9	55.8	83.6
52	26.8	21.7	32.5

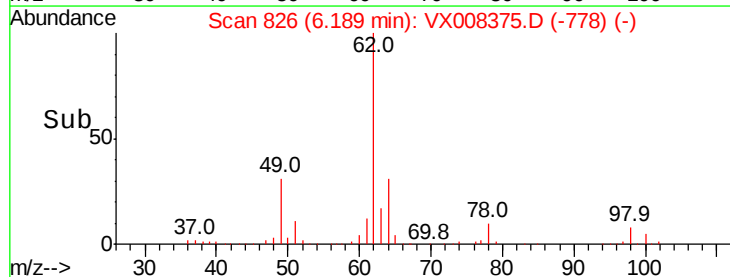
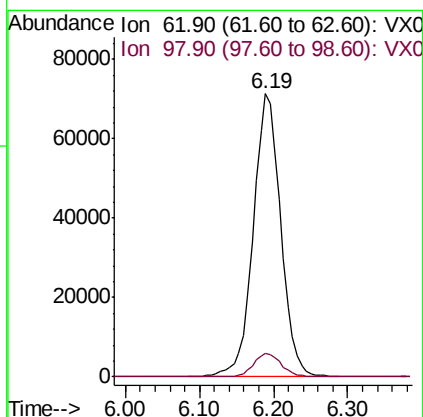
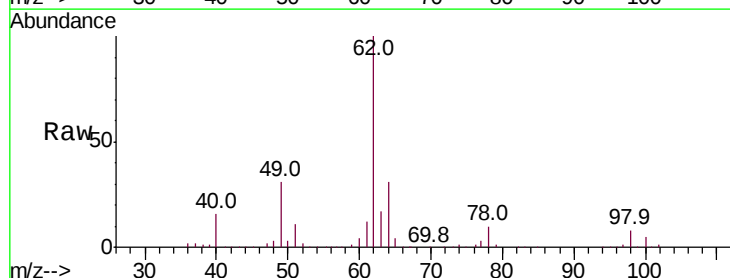
Manual Integrations
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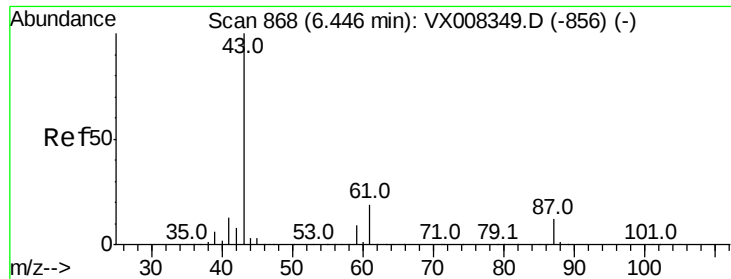
MMDadoda
3/25/2019 11:09:05 AM



#42
1,2-Dichloroethane
Concen: 45.288 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	20.4





#43

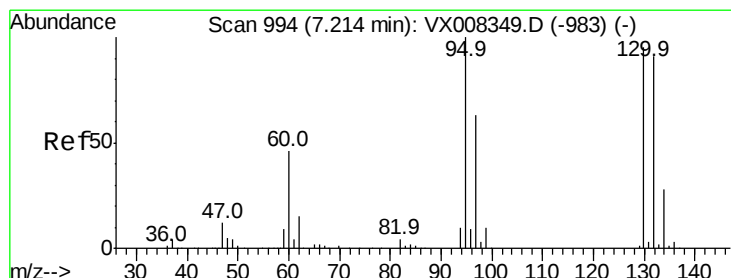
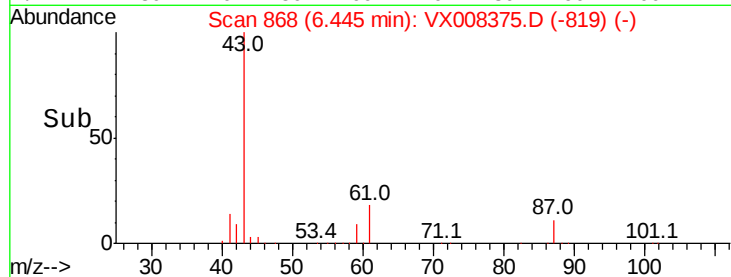
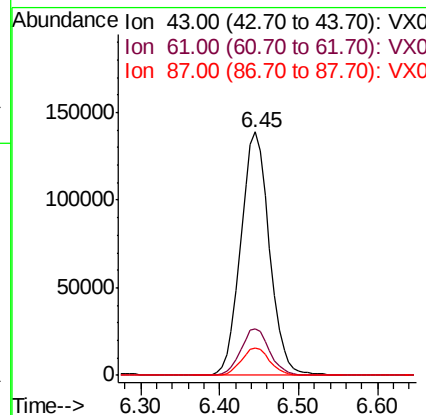
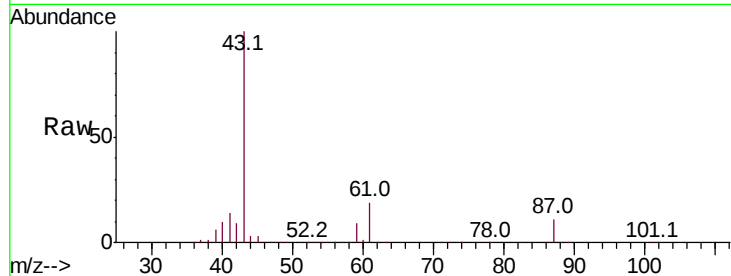
Isopropyl Acetate
 Concen: 45.180 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008375.D
 Acq: 24 Mar 2019 01:09

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	16.3	24.5
87	11.3	10.5	15.7

Manual Integrations
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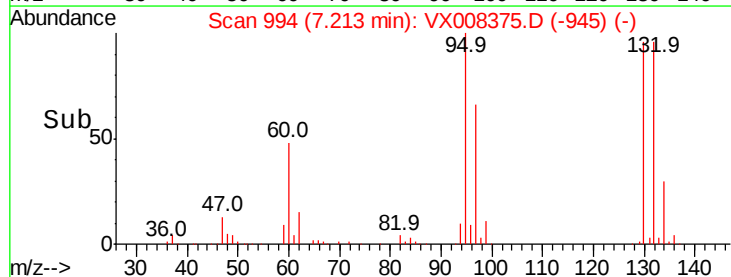
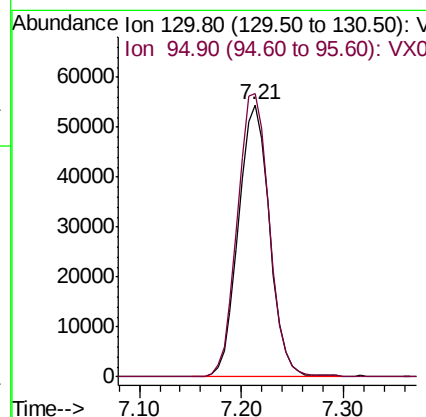
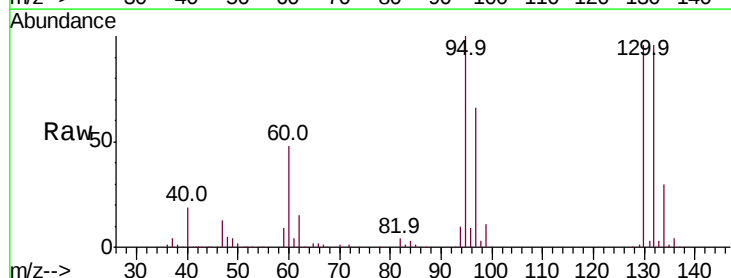
MMDadoda
 3/25/2019 11:09:05 AM

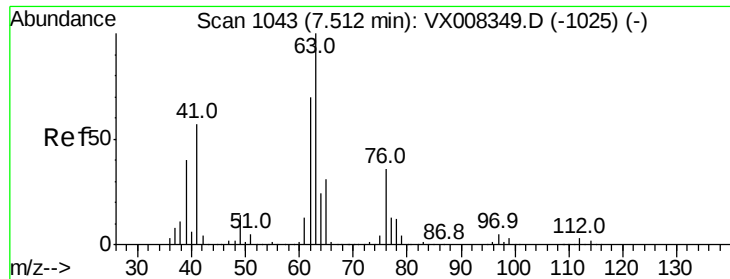


#44

Trichloroethene
 Concen: 44.512 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008375.D
 Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	188.0





#45

1,2-Dichloropropane

Concen: 45.705 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion: 63 Resp: 144815

Ion Ratio Lower Upper

63 100

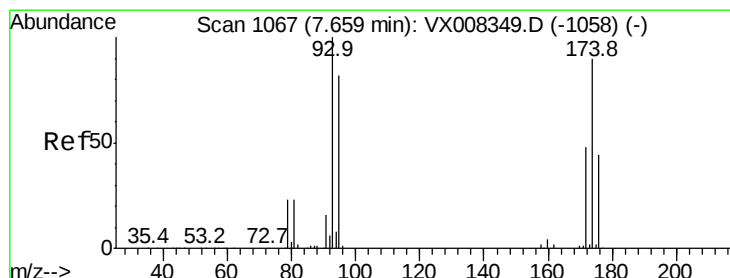
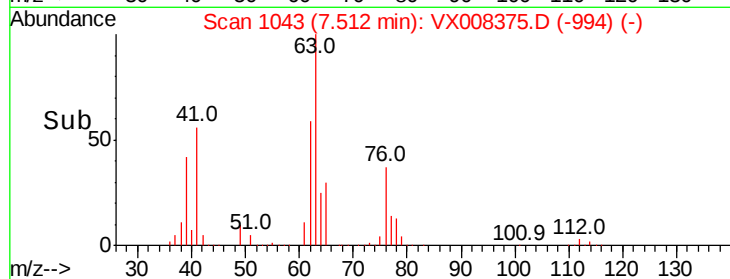
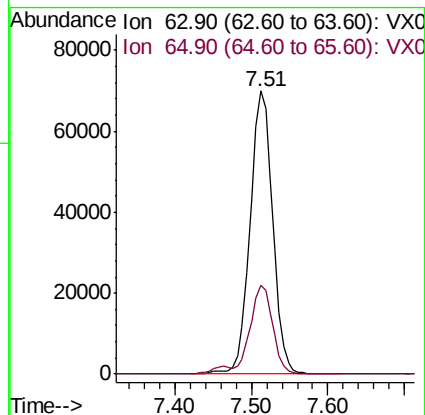
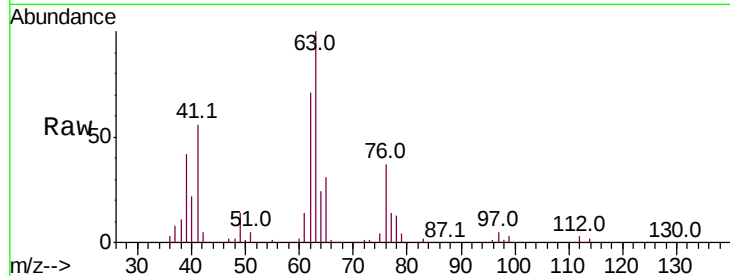
65 31.1 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 44.618 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

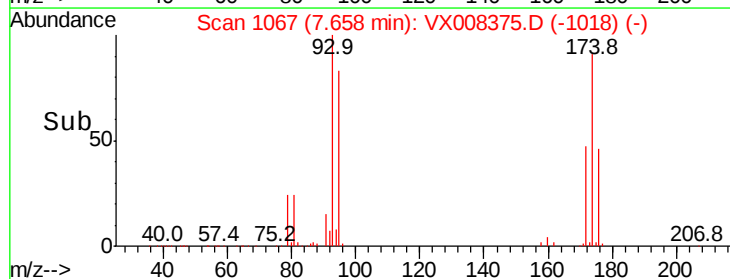
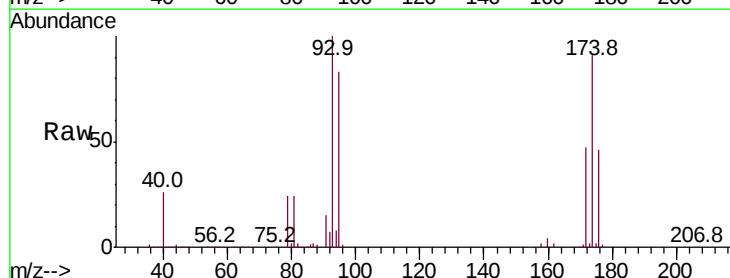
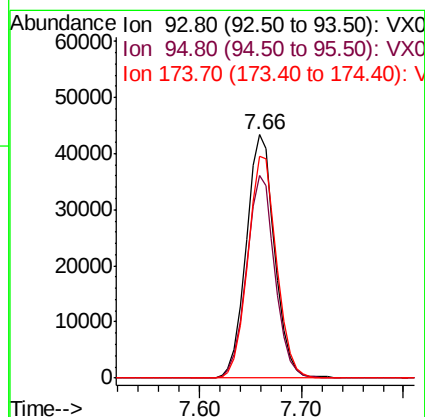
Tgt Ion: 93 Resp: 83898

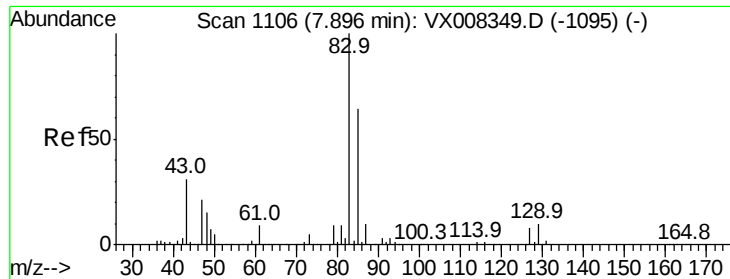
Ion Ratio Lower Upper

93 100

95 82.9 66.8 100.2

174 92.2 97.3 145.9#





#47

Bromodichloromethane

Concen: 46.370 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

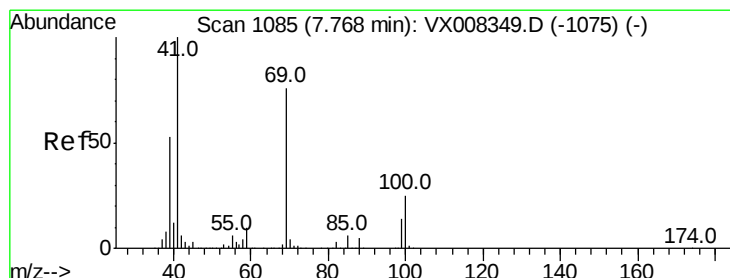
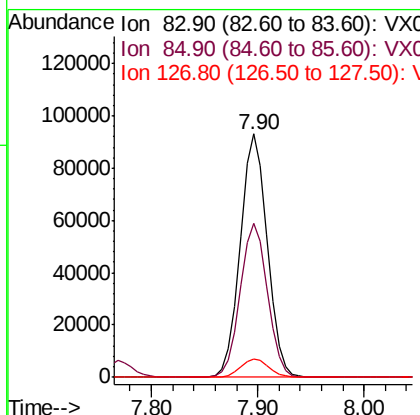
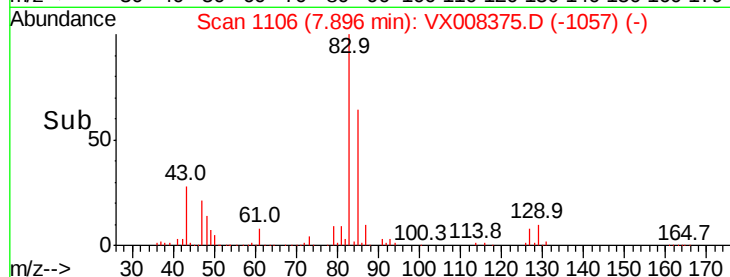
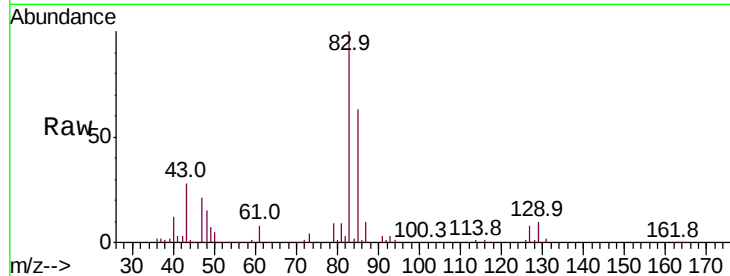
ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion:	83	Resp:	166312
Ion Ratio	Lower	Upper	
83	100		
85	63.4	50.9	76.3
127	7.6	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.588 ug/l

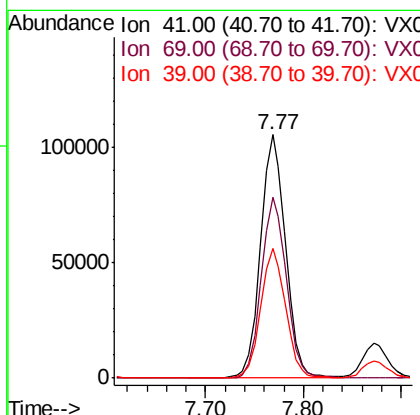
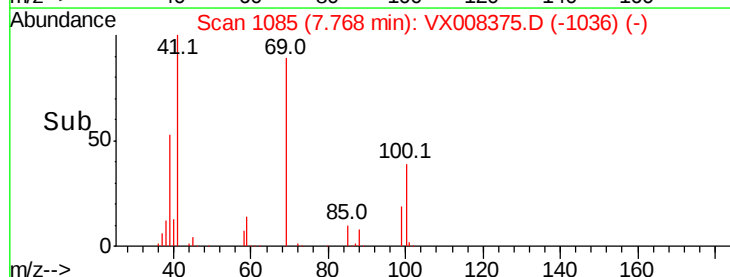
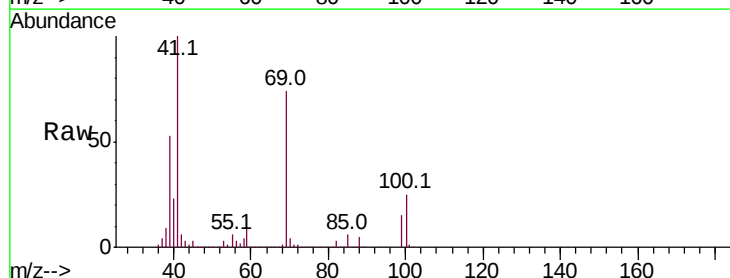
RT: 7.77 min Scan# 1085

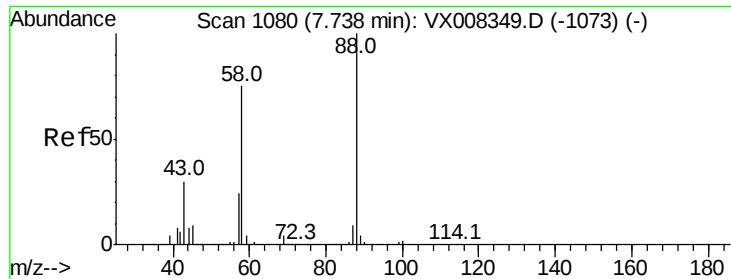
Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Tgt Ion:	41	Resp:	185983
Ion Ratio	Lower	Upper	
41	100		
69	74.9	65.2	97.8
39	52.9	39.4	59.2





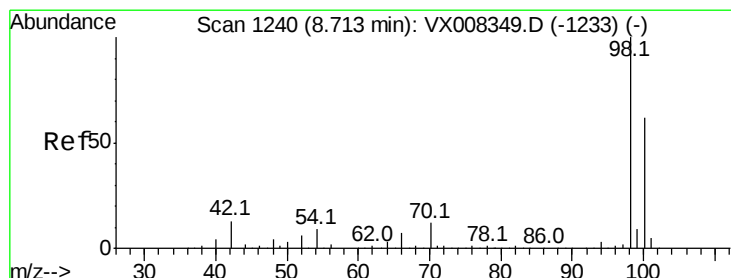
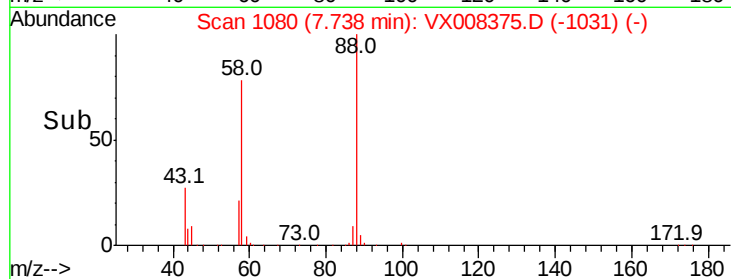
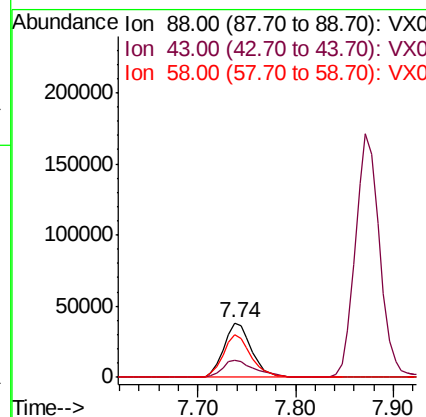
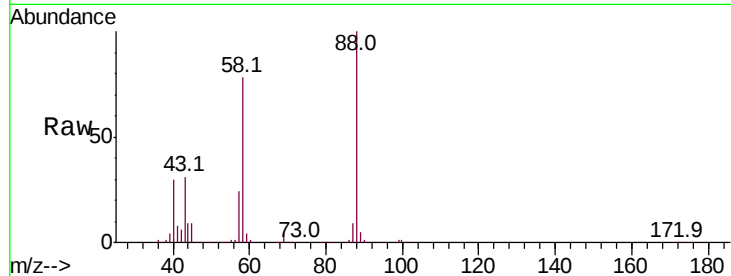
#49
1,4-Dioxane
Concen: 953.679 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	25.1	37.7
58	78.8	57.8	86.6

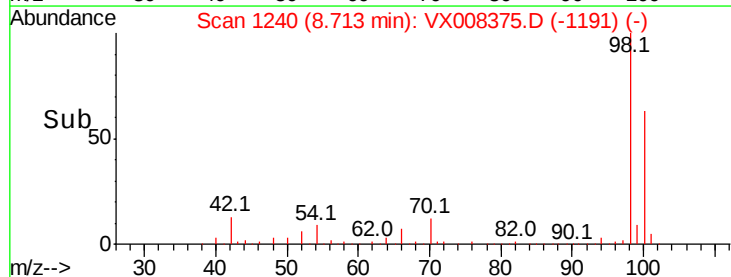
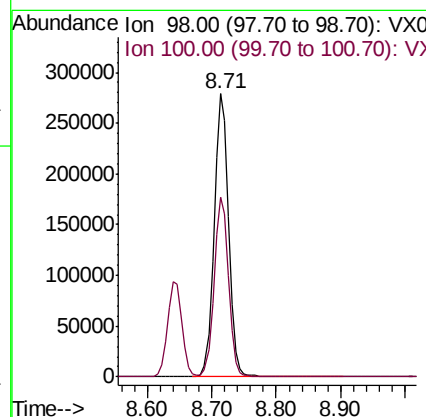
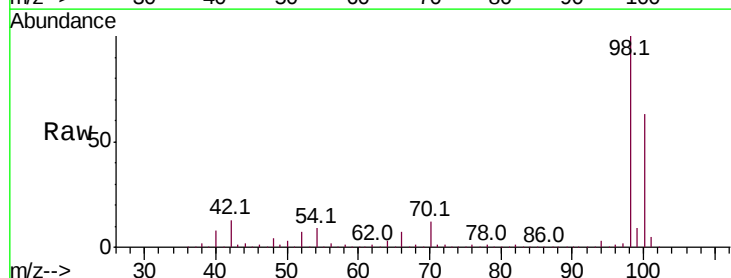
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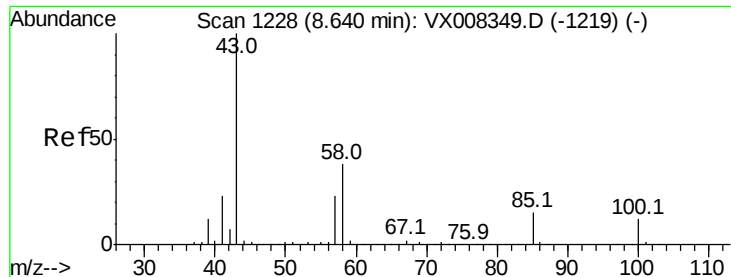
MMDadoda
3/25/2019 11:09:05 AM



#50
Toluene-d8
Concen: 47.349 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 240.128 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Tot Ion: 43 Resp: 1220257

Ion Ratio Lower Upper

43 100

58 37.1 31.3 46.9

Instrument :

MSVOA_X

ClientSampleId :

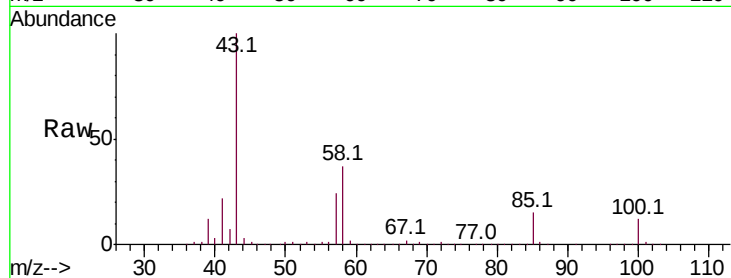
BPS1-TT-MW309D-20190313MSD

Manual Integrations

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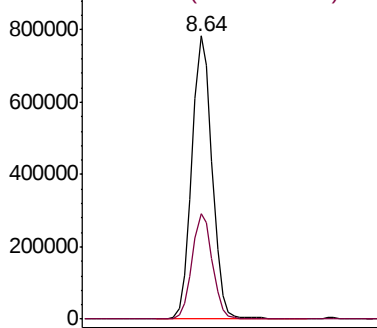
MMDadoda

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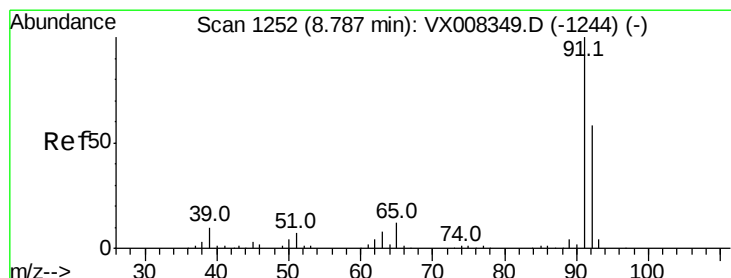
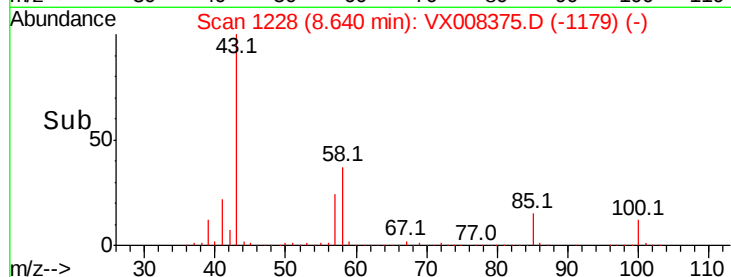


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 47.003 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008375.D

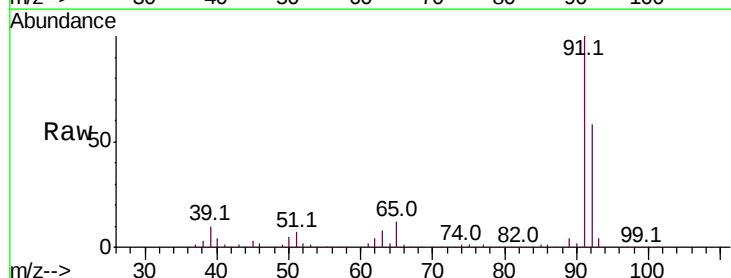
Acq: 24 Mar 2019 01:09

Tgt Ion: 92 Resp: 308469

Ion Ratio Lower Upper

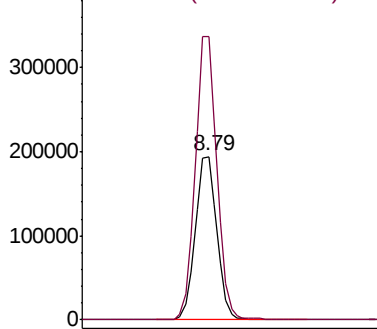
92 100

91 173.5 137.4 206.0

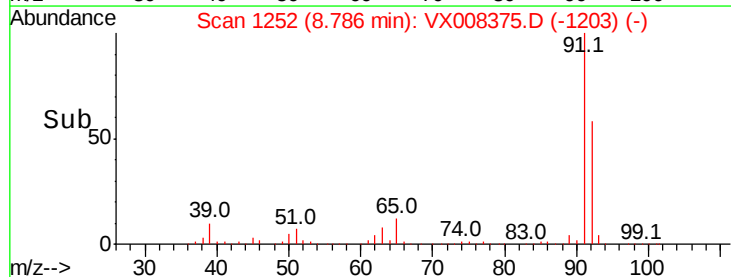


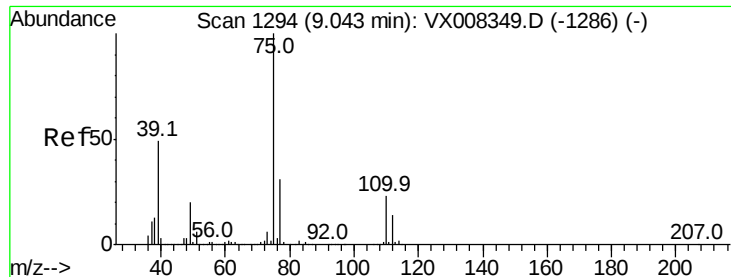
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 46.653 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion: 75 Resp: 179902

Ion Ratio Lower Upper

75 100

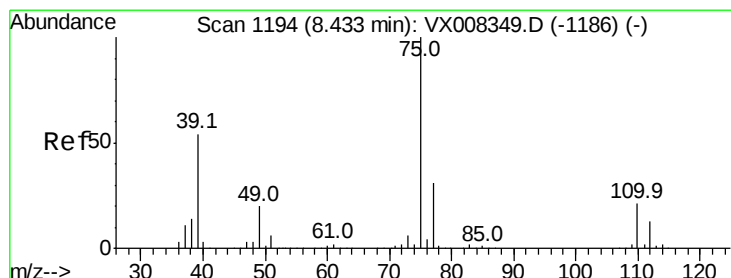
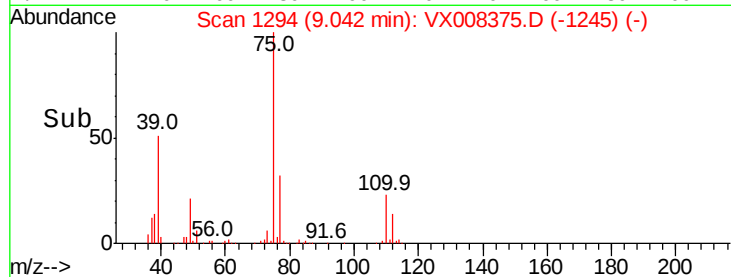
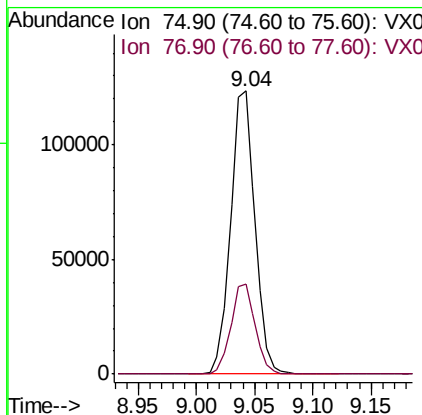
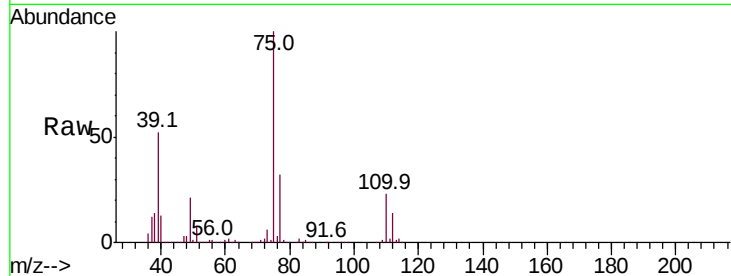
77 31.9 25.4 38.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 45.888 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

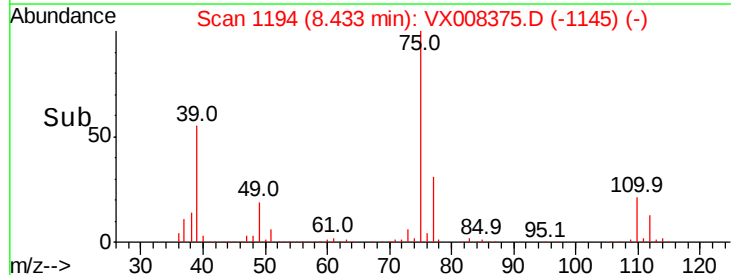
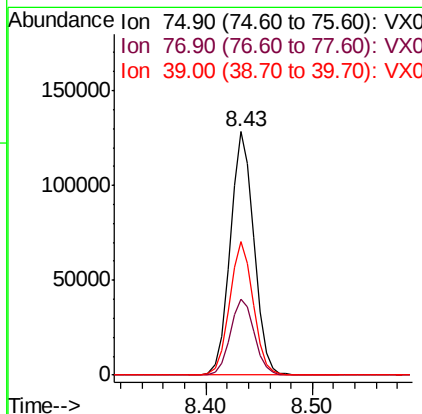
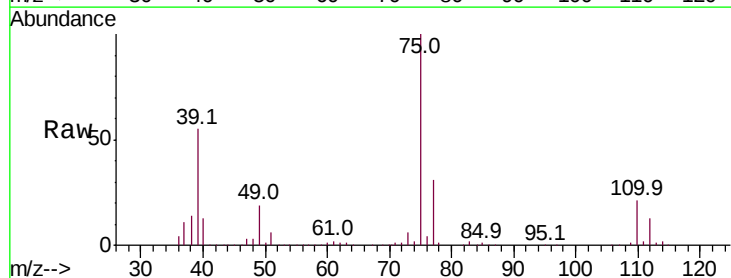
Tgt Ion: 75 Resp: 200625

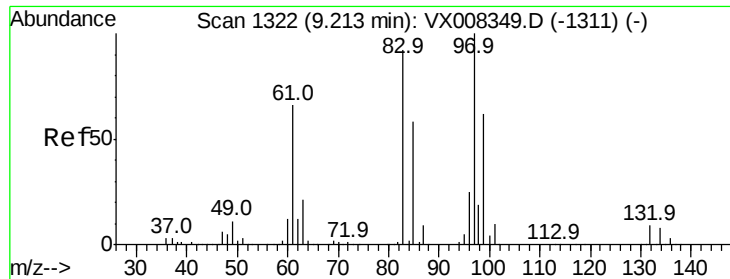
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 54.6 36.6 54.8





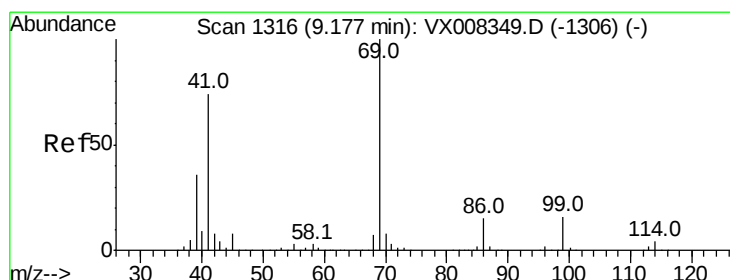
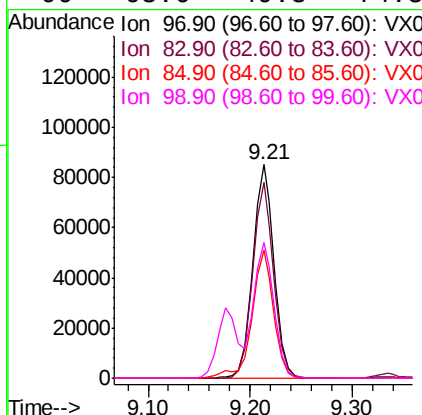
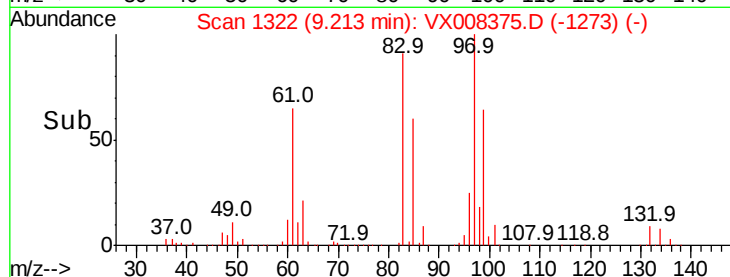
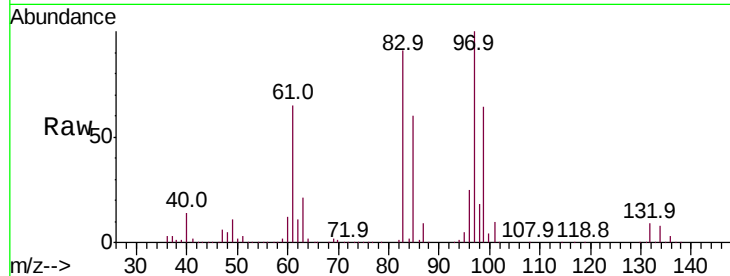
#55
 1,1,2-Trichloroethane
 Concen: 45.386 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008375.D
 Acq: 24 Mar 2019 01:09

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		123723		
83	91.4	69.1	103.7		
85	60.0	44.3	66.5		
99	63.6	49.8	74.8		

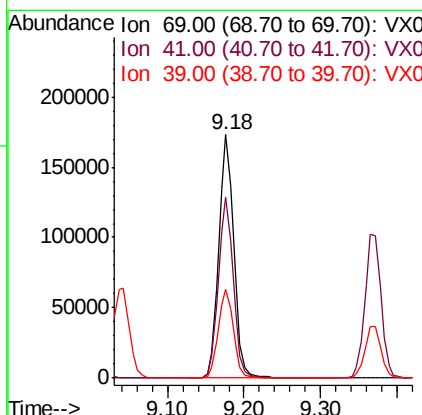
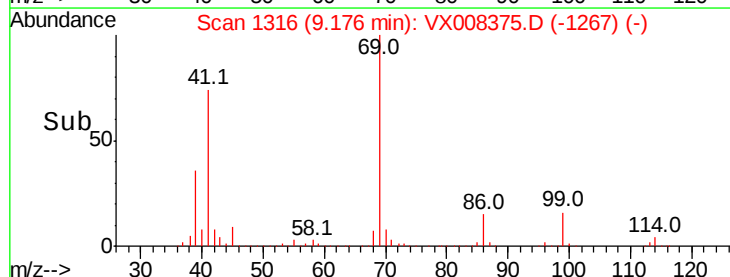
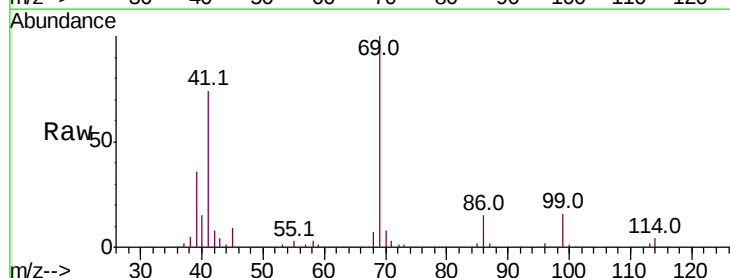
Manual Integrations
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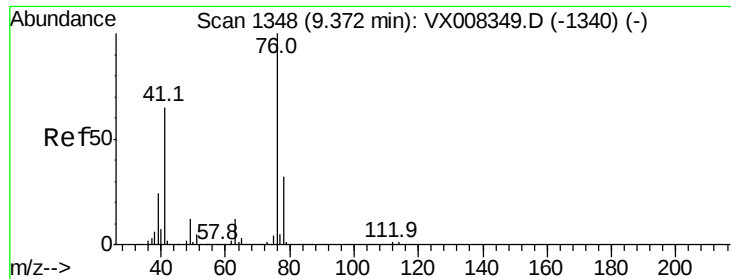
MMDadoda
 3/25/2019 11:09:05 AM



#56
 Ethyl methacrylate
 Concen: 48.588 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008375.D
 Acq: 24 Mar 2019 01:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		234489		
41	73.8	54.2	81.4		
39	37.0	25.0	37.4		





#57

1,3-Dichloropropane

Concen: 45.872 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion: 76 Resp: 222771

Ion Ratio Lower Upper

76 100

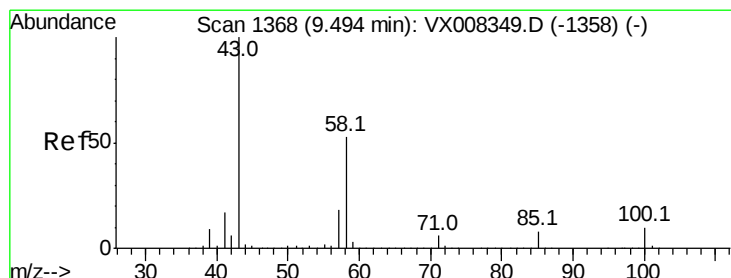
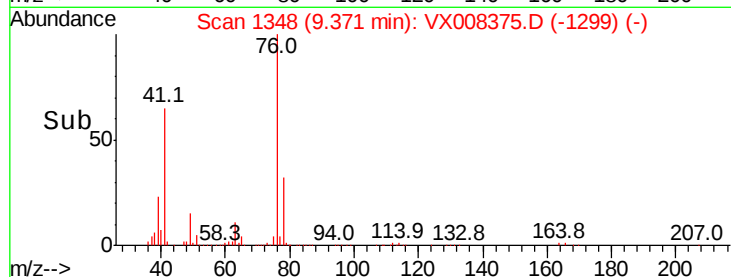
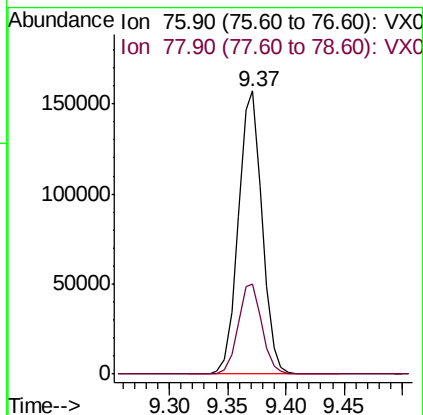
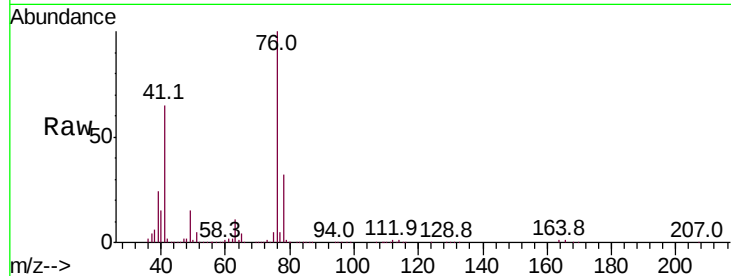
78 32.0 25.5 38.3

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#59

2-Hexanone

Concen: 247.089 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX008375.D

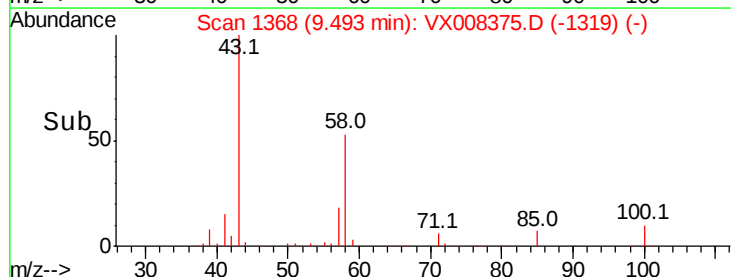
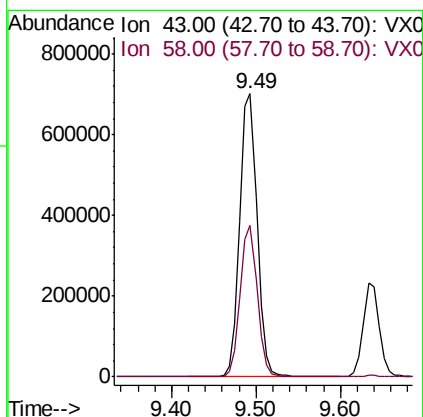
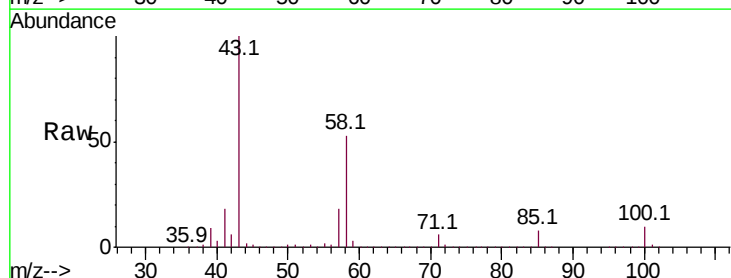
Acq: 24 Mar 2019 01:09

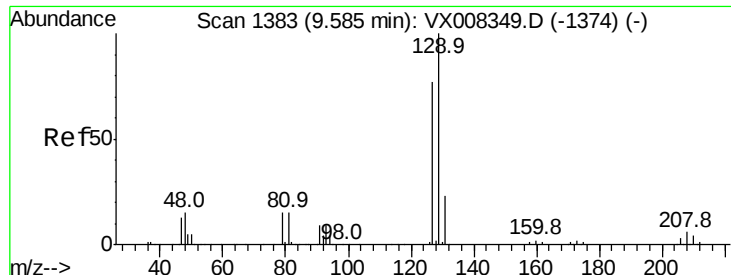
Tgt Ion: 43 Resp: 963894

Ion Ratio Lower Upper

43 100

58 52.4 27.6 82.7





#60

Dibromochloromethane

Concen: 48.160 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion:129 Resp: 121861

Ion Ratio Lower Upper

129 100

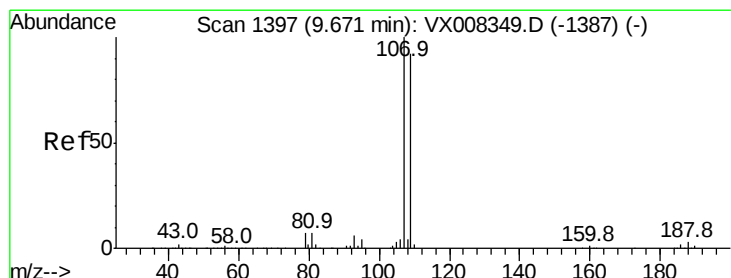
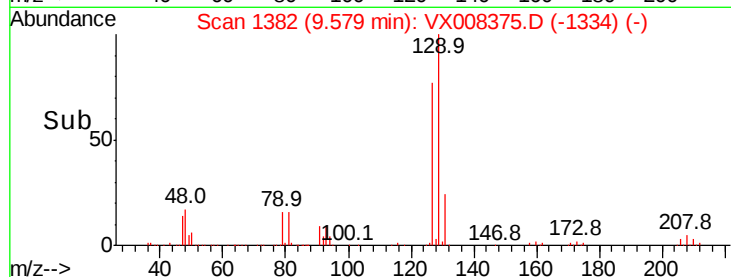
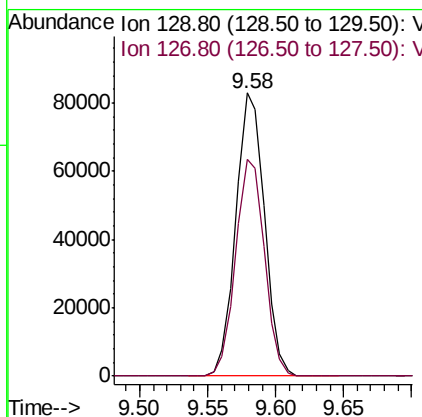
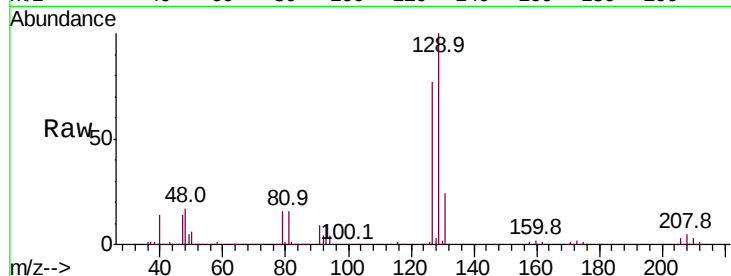
127 77.1 38.3 114.8

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 46.553 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008375.D

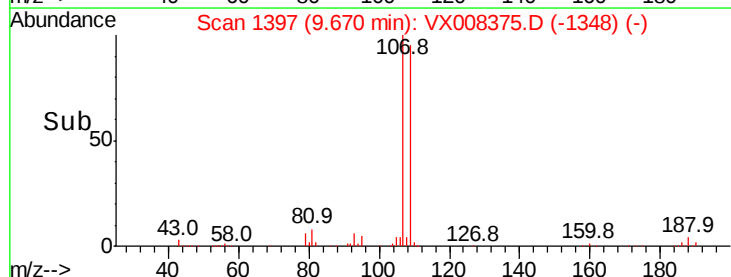
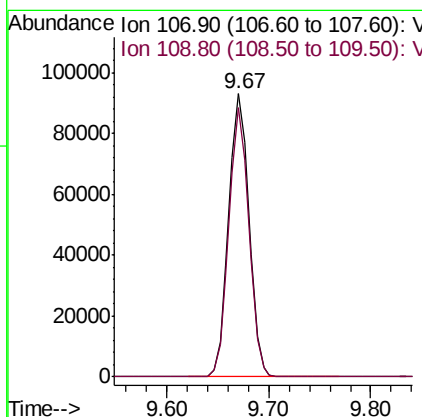
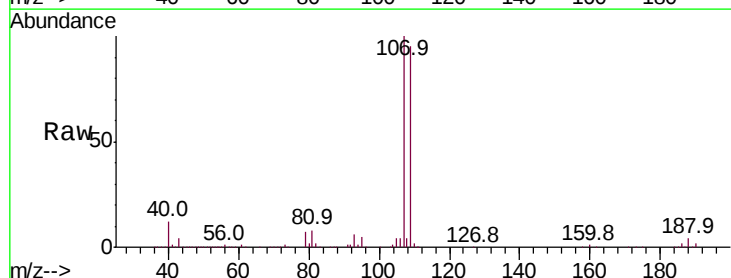
Acq: 24 Mar 2019 01:09

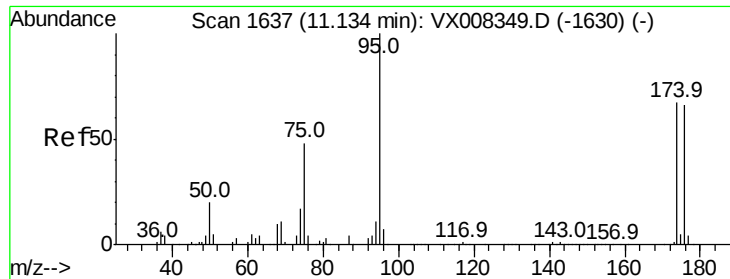
Tgt Ion:107 Resp: 128793

Ion Ratio Lower Upper

107 100

109 93.5 75.8 113.8





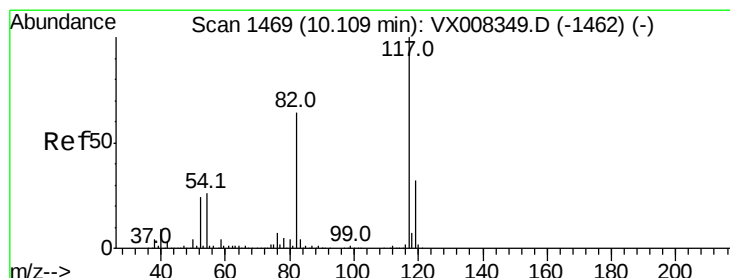
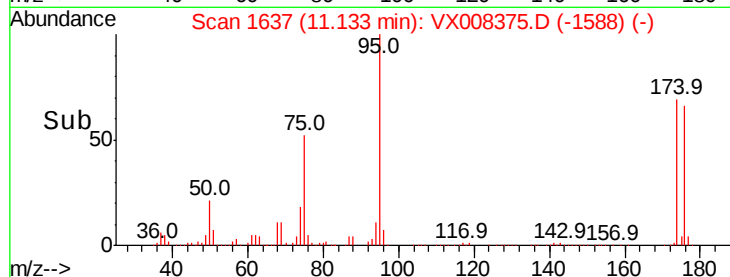
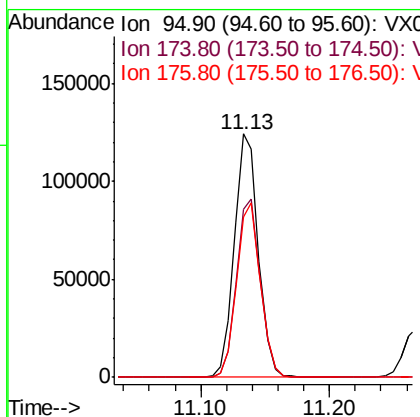
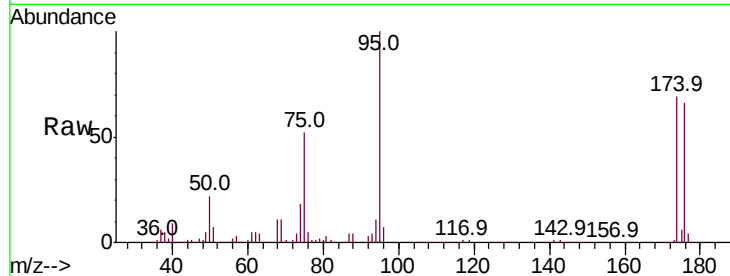
#62
4-Bromofluorobenzene
Concen: 47.581 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	161011		
174	73.2	0.0	182.8	
176	71.0	0.0	178.0	

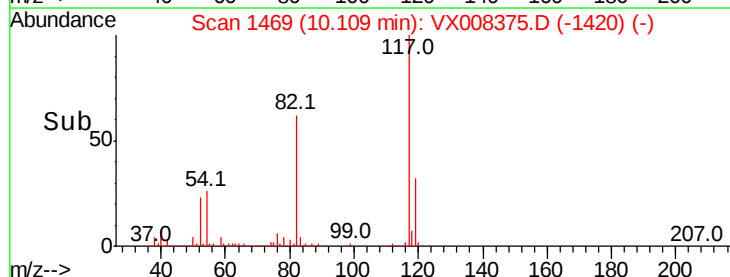
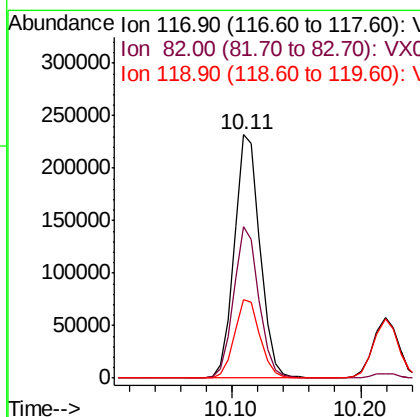
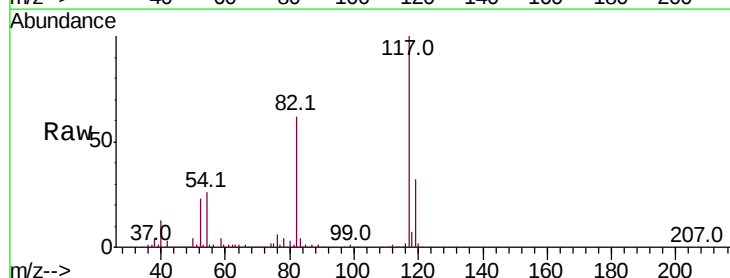
Manual Integrations
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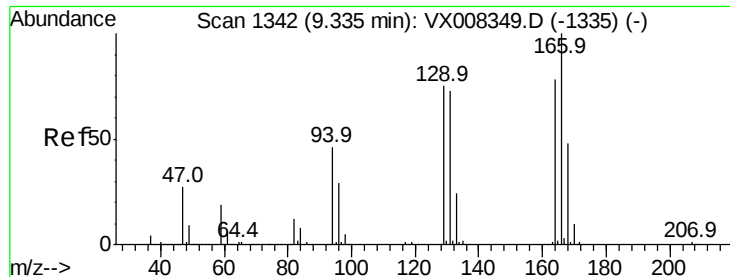
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	321808		
82	62.3	44.3	66.5	
119	32.4	25.3	37.9	





#64

Tetrachloroethene

Concen: 45.339 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion:164 Resp: 95413

Ion Ratio Lower Upper

164 100

166 124.8 103.4 155.0

129 96.7 72.2 108.4

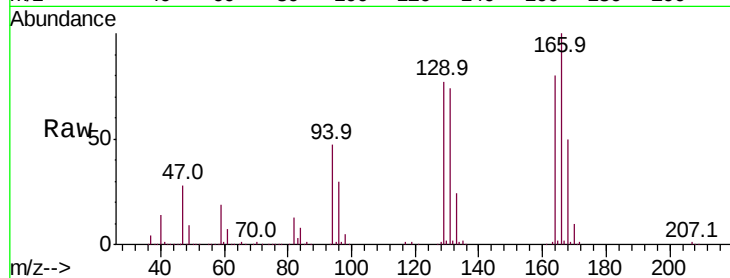
131 91.9 69.4 104.2

Manual Integrations

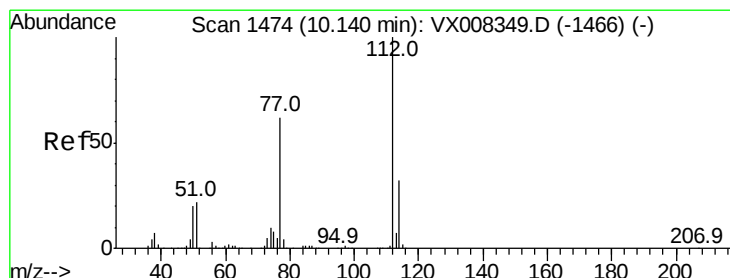
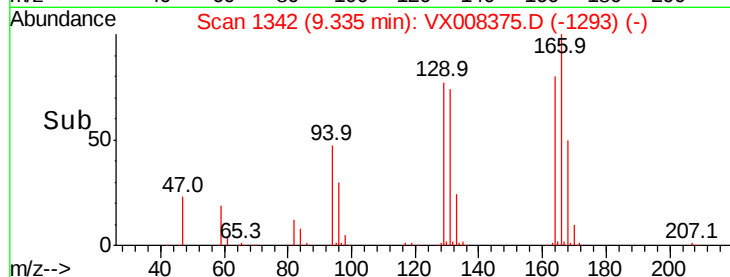
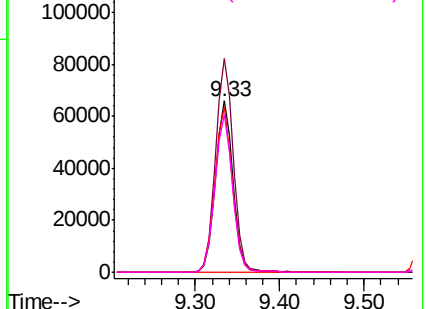
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Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 46.198 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008375.D

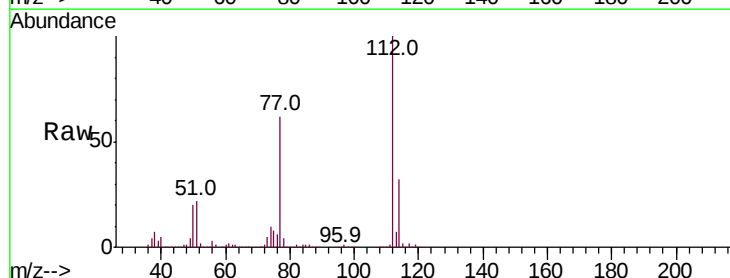
Acq: 24 Mar 2019 01:09

Tgt Ion:112 Resp: 311792

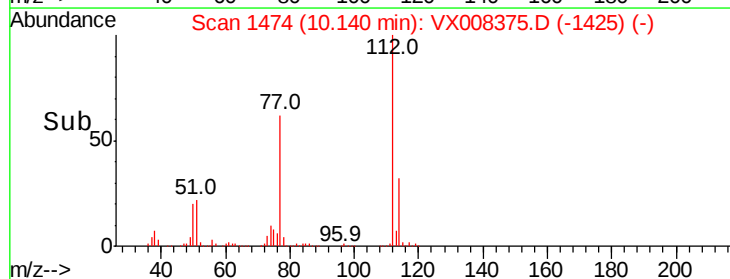
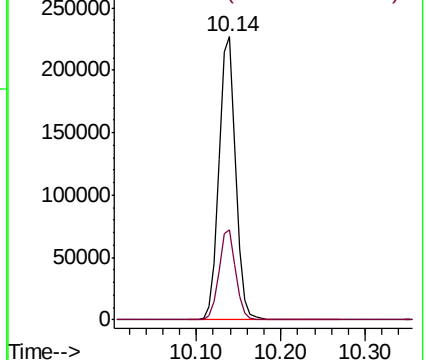
Ion Ratio Lower Upper

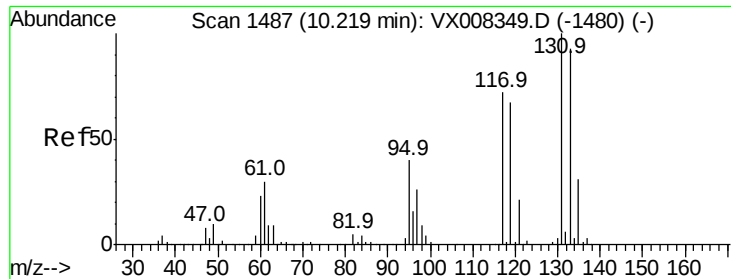
112 100

114 31.8 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





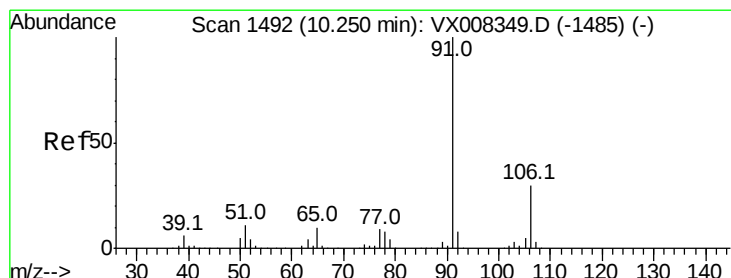
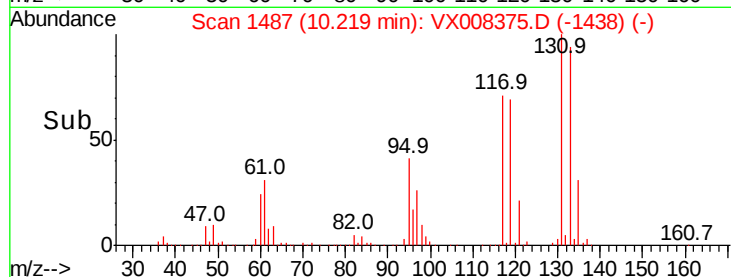
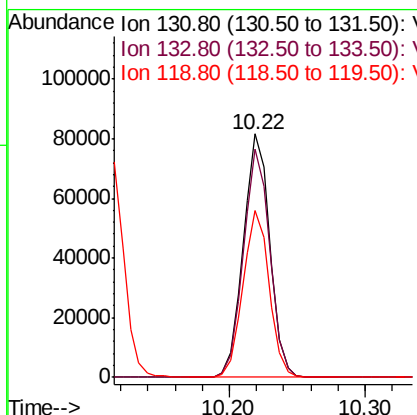
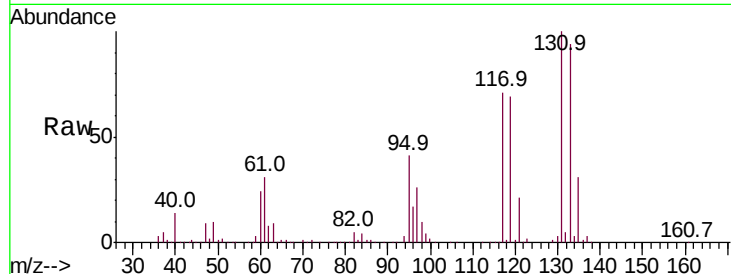
#66
 1,1,1,2-Tetrachloroethane
 Concen: 47.333 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008375.D
 Acq: 24 Mar 2019 01:09

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	93.7	47.8	143.3
119	68.1	32.5	97.5

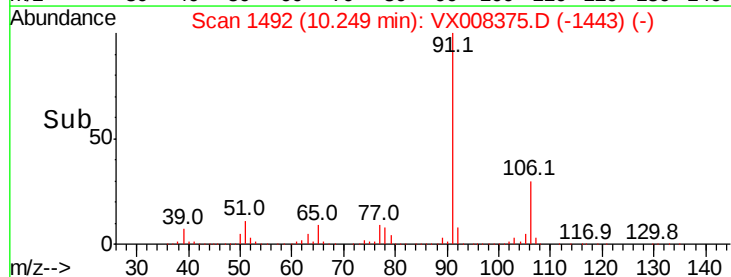
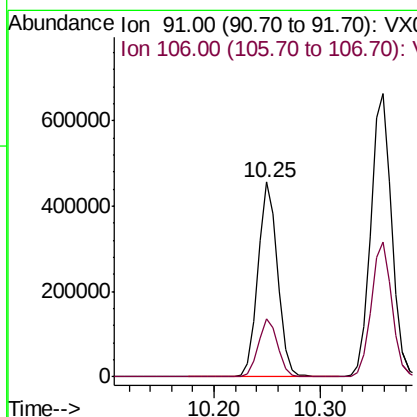
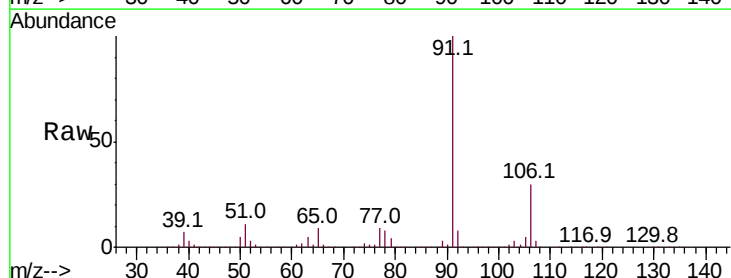
Manual Integrations
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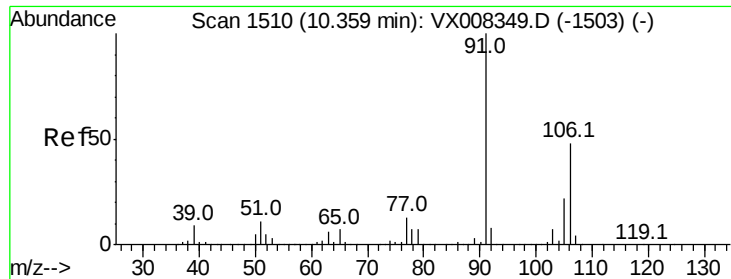
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 3/25/2019 11:09:05 AM



#67
 Ethyl Benzene
 Concen: 46.826 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008375.D
 Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.7	25.2	37.8





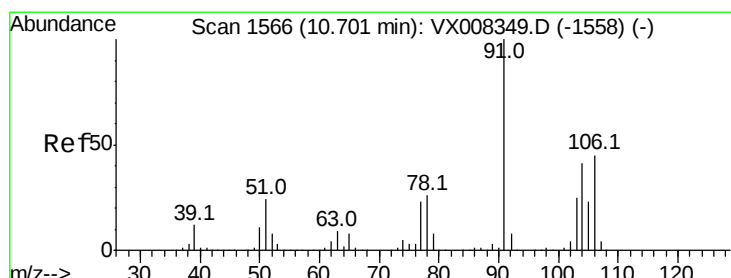
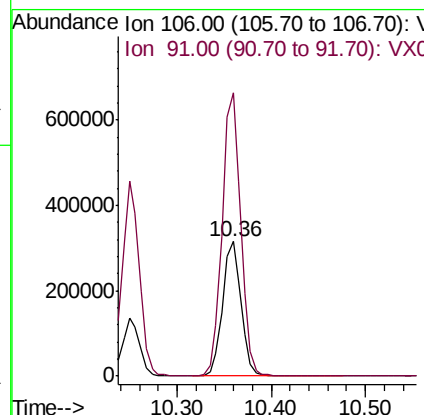
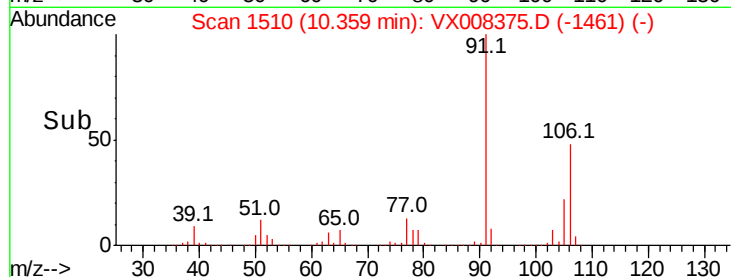
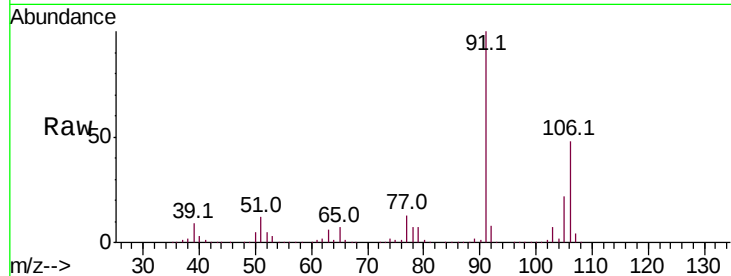
#68
m/p-Xvlenes
Concen: 94.481 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tot Ion:106 Resp: 428998
Ion Ratio Lower Upper
106 100
91 211.4 159.8 239.6

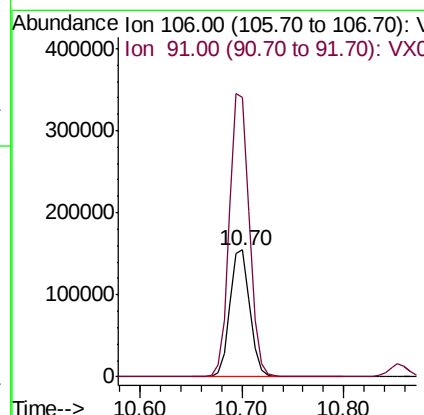
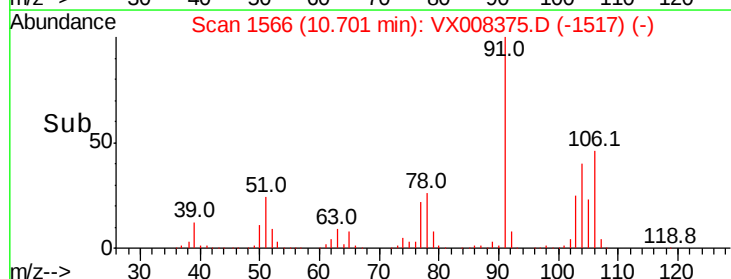
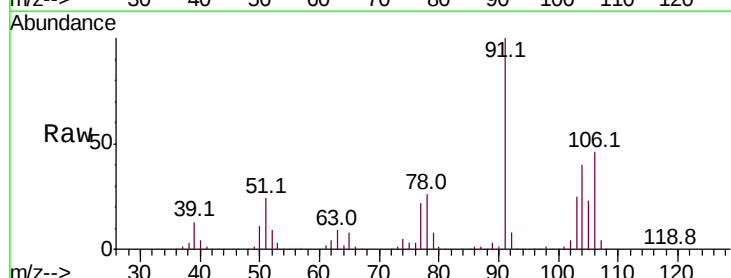
Manual Integrations
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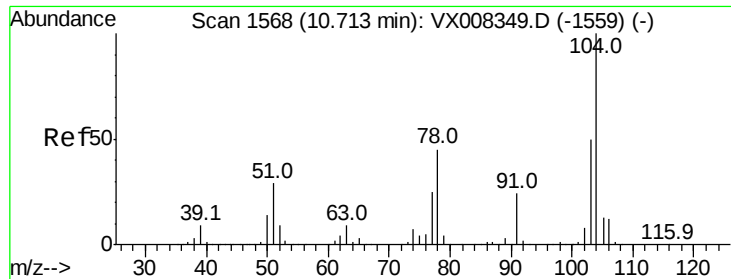
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#69
o-Xylene
Concen: 46.869 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Tgt Ion:106 Resp: 208097
Ion Ratio Lower Upper
106 100
91 223.2 106.3 318.9





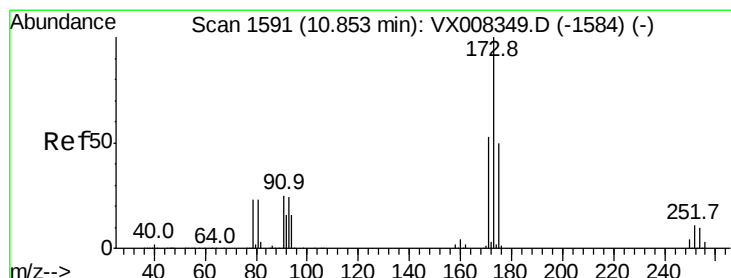
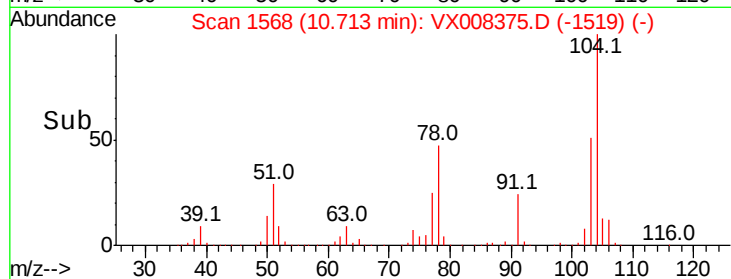
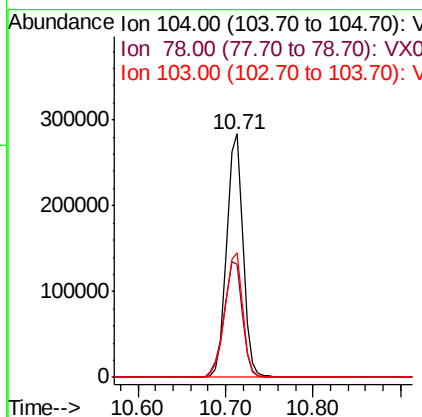
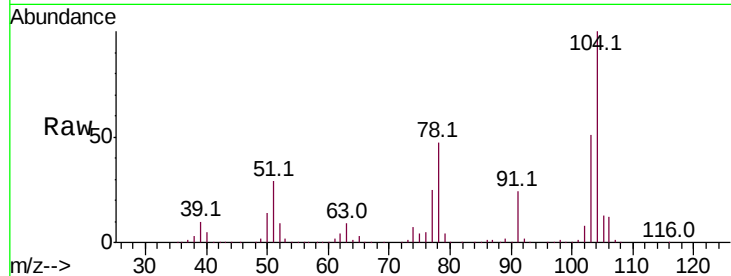
#70
Stvrene
Concen: 47.807 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.3	38.5	57.7
103	55.1	44.1	66.1

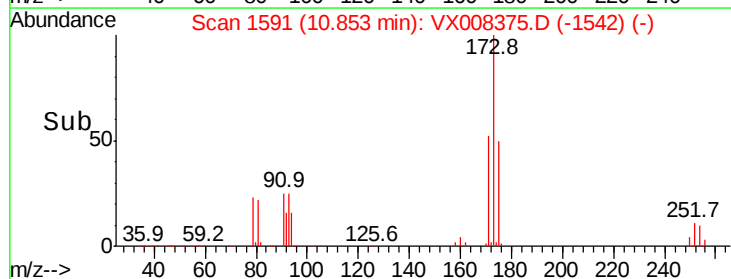
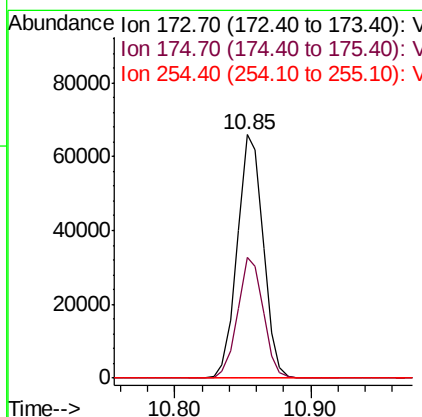
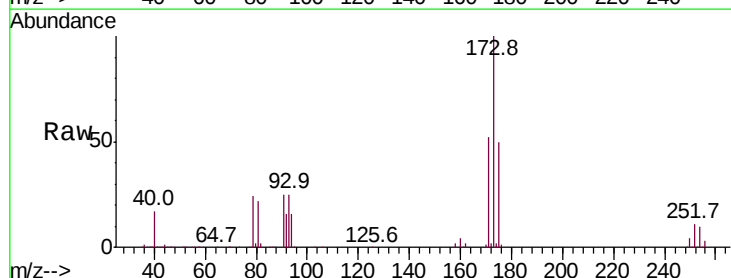
Manual Integrations
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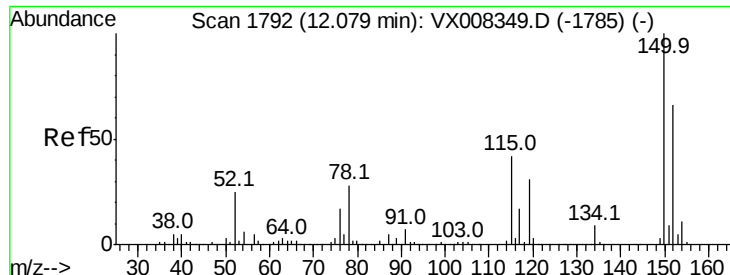
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#71
Bromoform
Concen: 48.617 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.9
254	0.2	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion:152 Resp: 153648

Ion Ratio Lower Upper

152 100

115 84.7 38.6 115.7

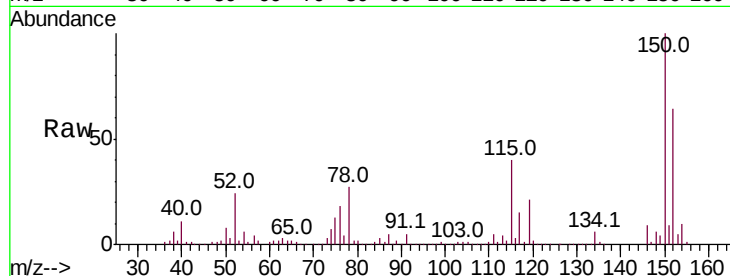
150 171.9 0.0 348.4

Manual Integrations

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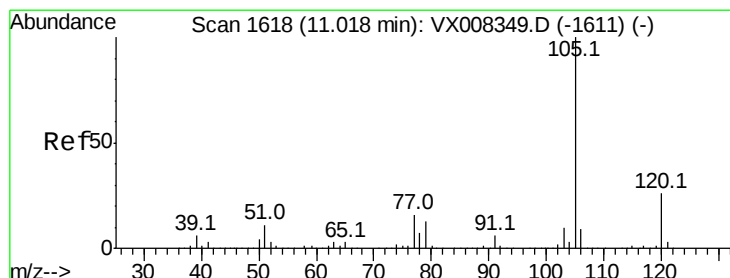
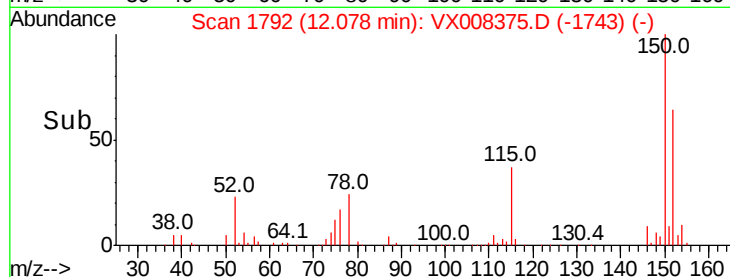
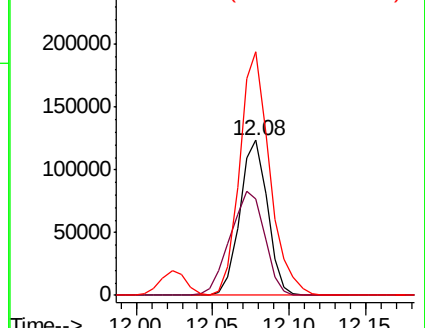
3/25/2019 11:09:05 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 45.319 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008375.D

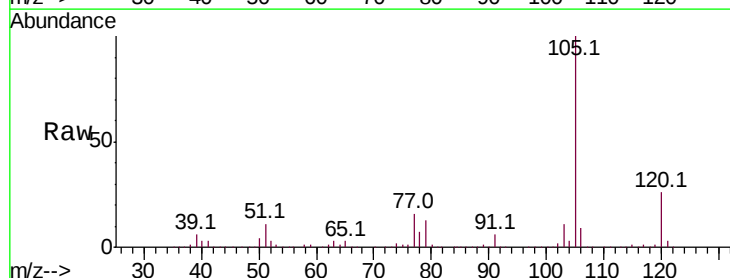
Acq: 24 Mar 2019 01:09

Tgt Ion:105 Resp: 549523

Ion Ratio Lower Upper

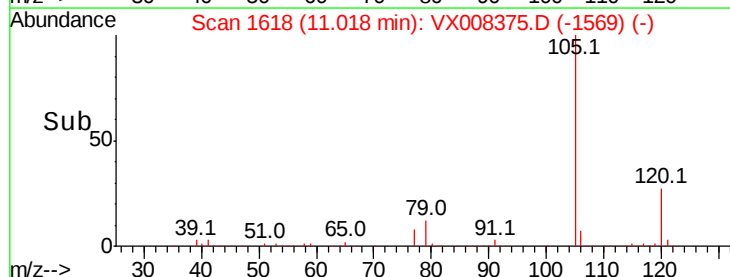
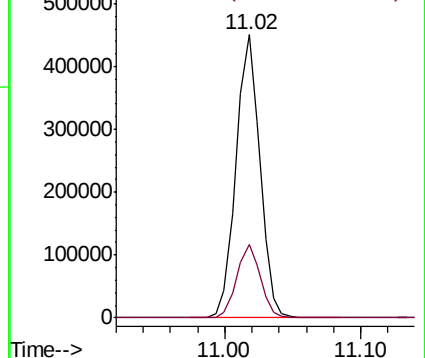
105 100

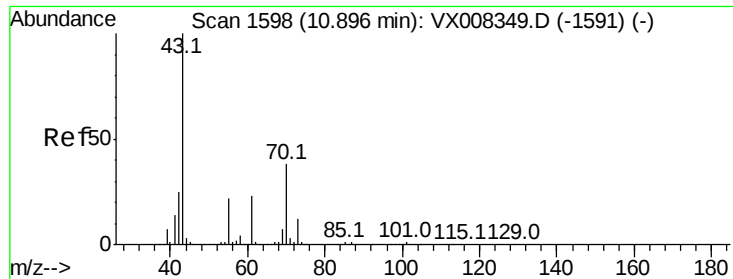
120 25.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.088 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

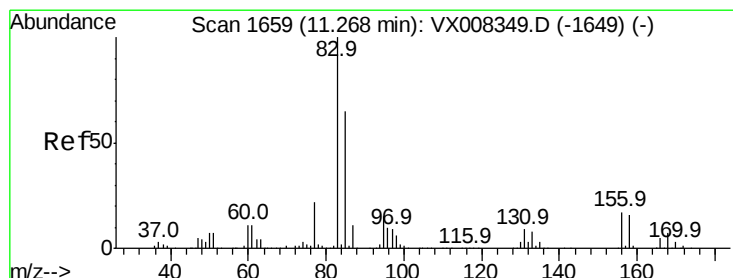
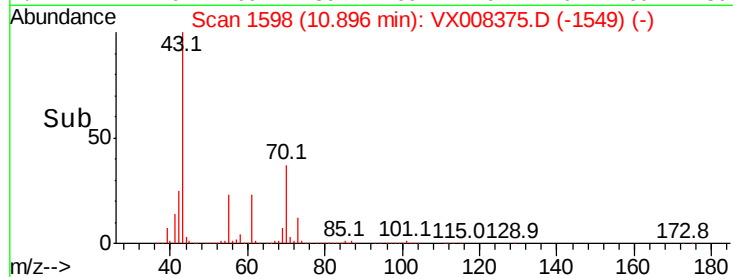
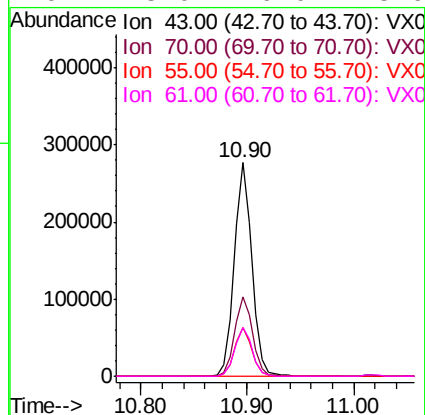
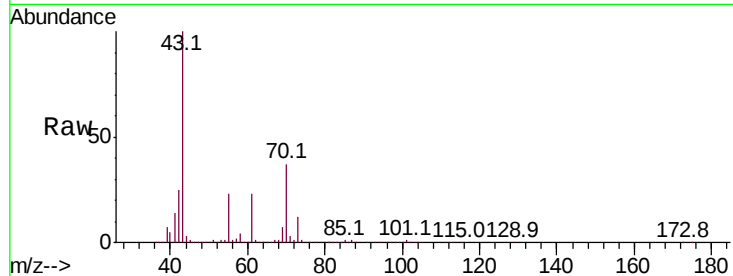
ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Lower	Upper
43	100		
70	37.7	33.5	50.3
55	22.7	19.2	28.8
61	23.0	19.0	28.6

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 45.677 ug/l

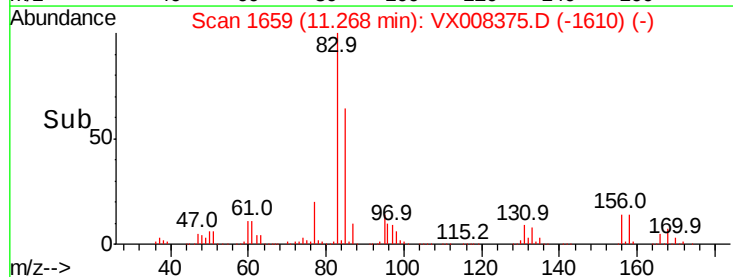
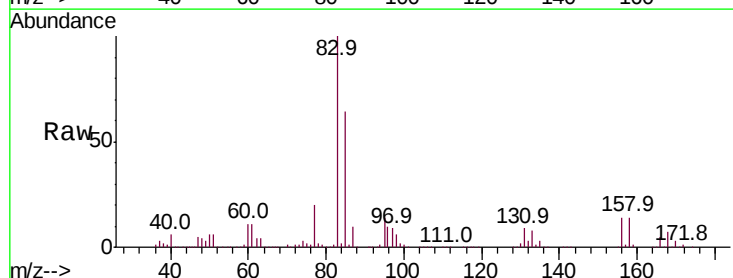
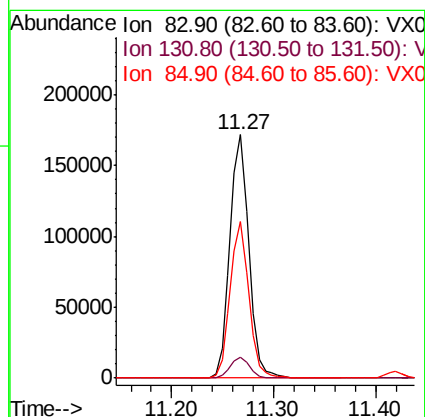
RT: 11.27 min Scan# 1659

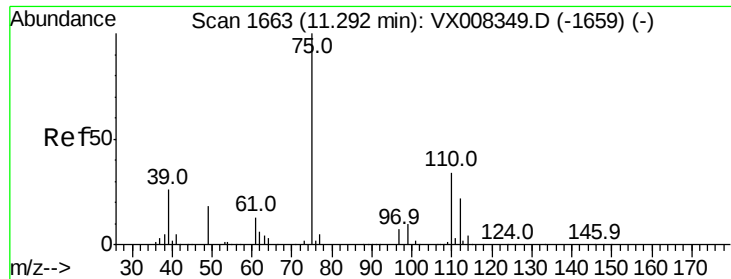
Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.7	5.4	16.2
85	63.6	32.3	96.8





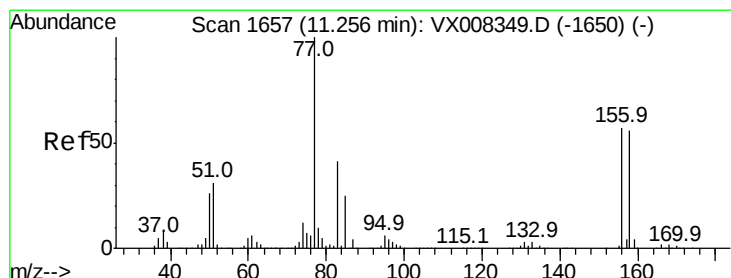
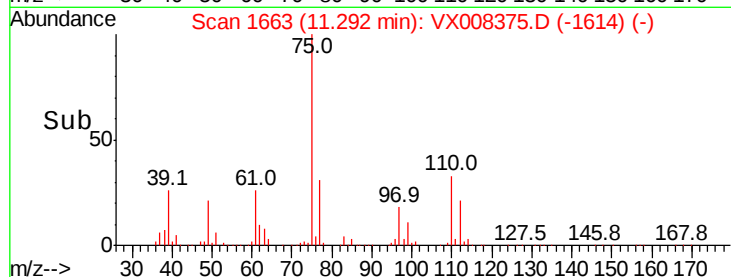
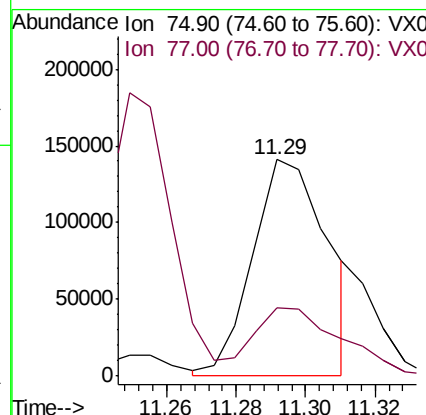
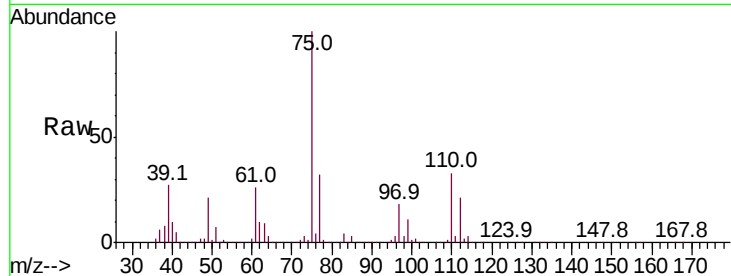
#76
 1,2,3-Trichloropropane
 Concen: 52.278 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008375.D
 Acq: 24 Mar 2019 01:09

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MSD

Tot Ion: 75 Resp: 210246
 Ion Ratio Lower Upper
 75 100
 77 37.7 18.9 56.7

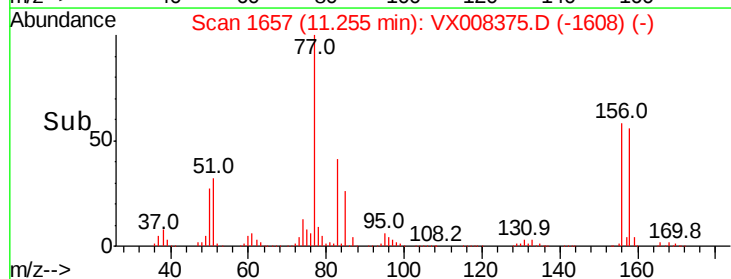
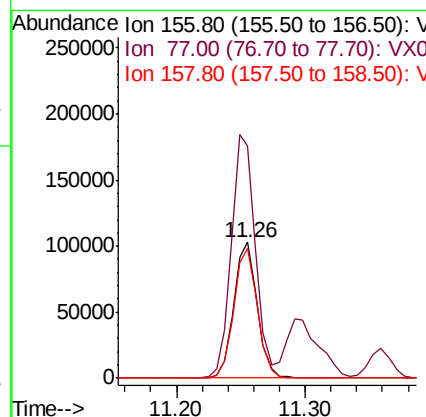
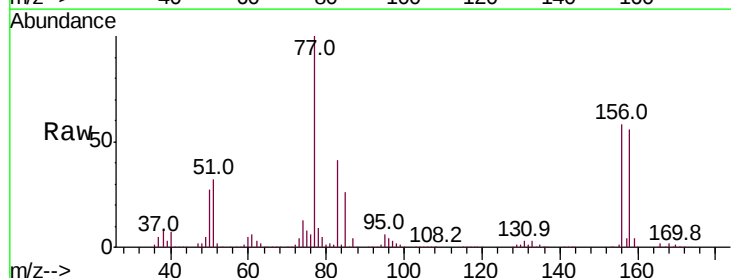
Manual Integrations
 APPROVED

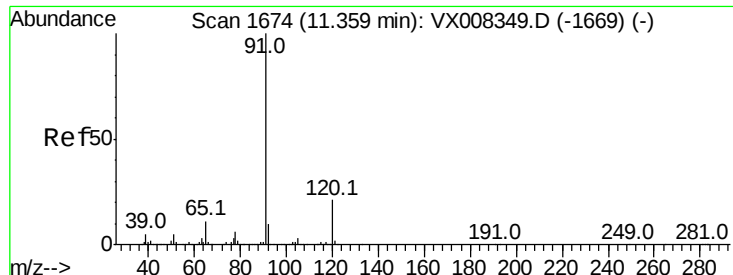
MMDadoda
 3/25/2019 11:09:05 AM



#77
 Bromobenzene
 Concen: 45.546 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX008375.D
 Acq: 24 Mar 2019 01:09

Tgt Ion: 156 Resp: 130676
 Ion Ratio Lower Upper
 156 100
 77 184.0 72.0 215.9
 158 96.1 48.6 145.9





#78

n-propylbenzene

Concen: 46.150 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion: 91 Resp: 655878

Ion Ratio Lower Upper

91 100

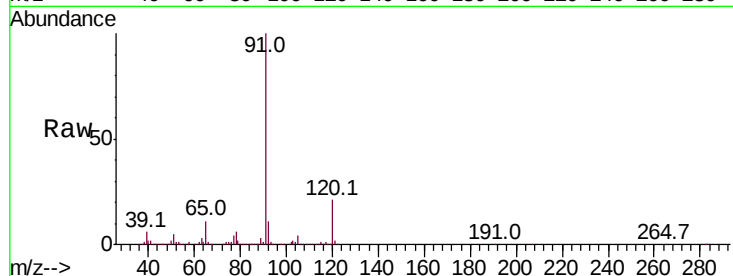
120 21.4 12.0 36.0

Manual Integrations

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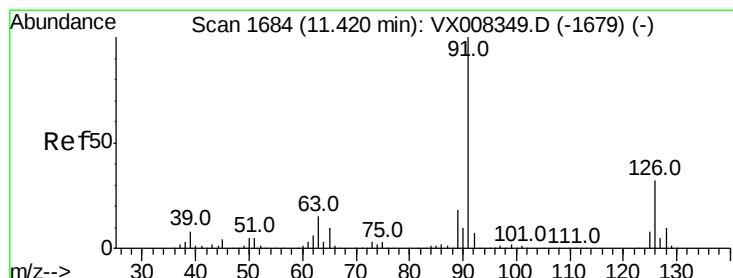
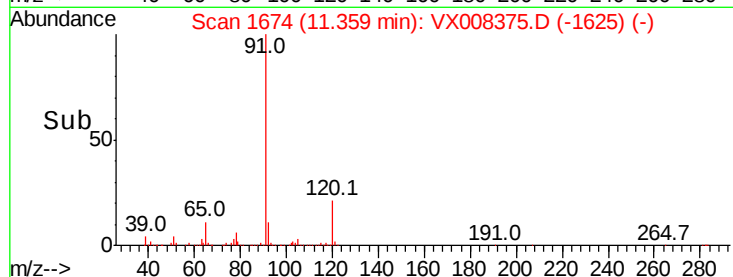
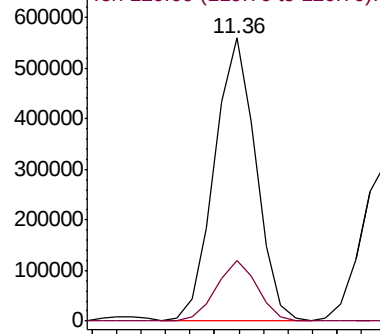
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 45.002 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008375.D

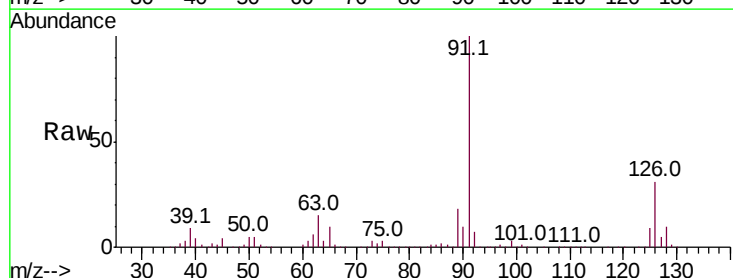
Acq: 24 Mar 2019 01:09

Tgt Ion: 91 Resp: 389580

Ion Ratio Lower Upper

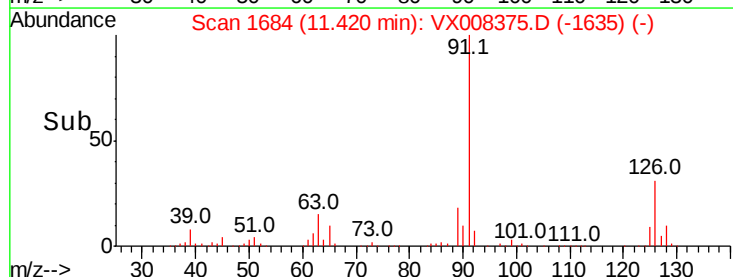
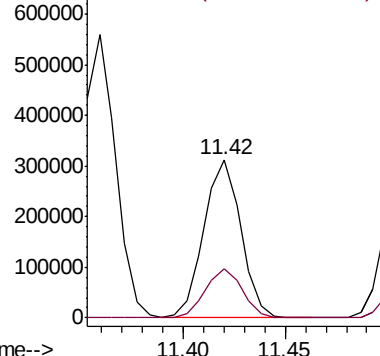
91 100

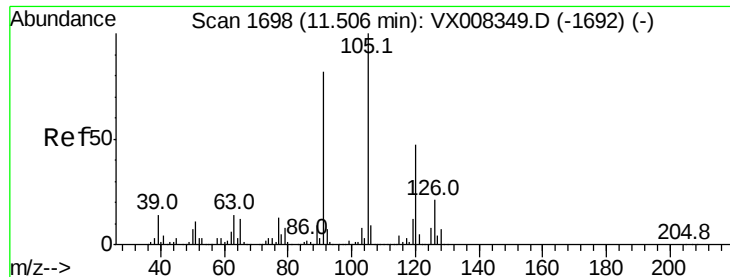
126 31.4 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 45.703 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion:105 Resp: 471433

Ion Ratio Lower Upper

105 100

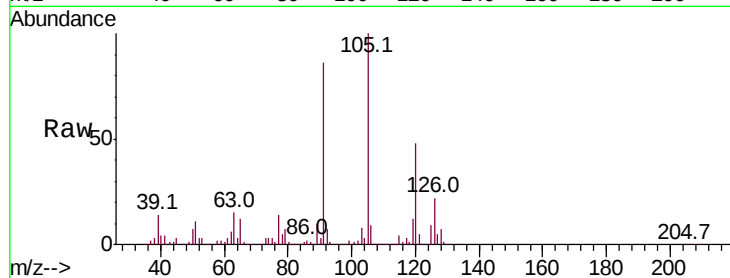
120 47.2 24.9 74.6

Manual Integrations

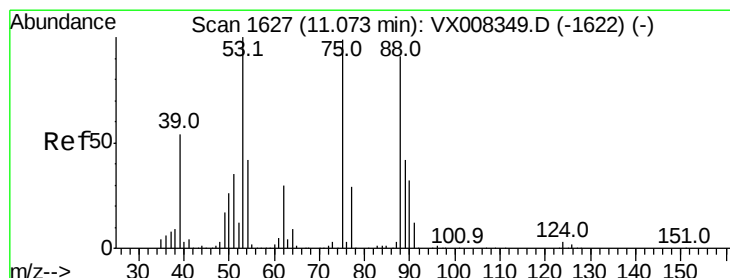
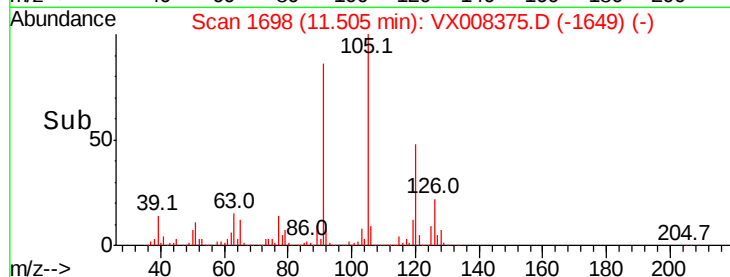
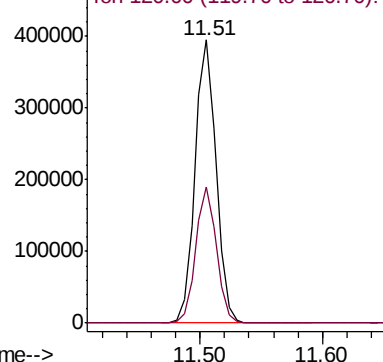
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Abundance Ion 105.00 (104.70 to 105.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 44.216 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

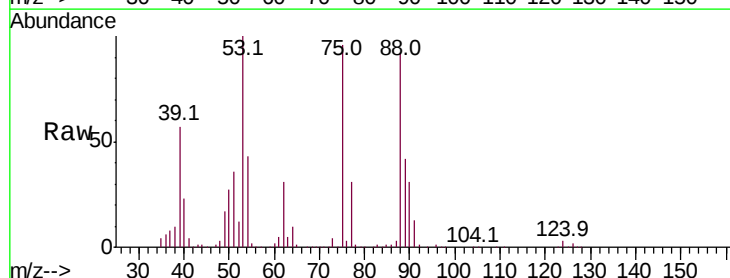
Tgt Ion: 75 Resp: 62400

Ion Ratio Lower Upper

75 100

53 106.1 76.1 114.1

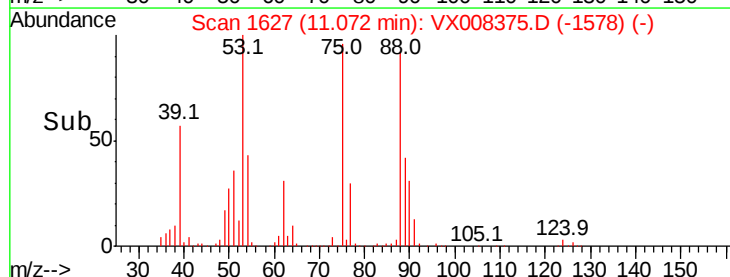
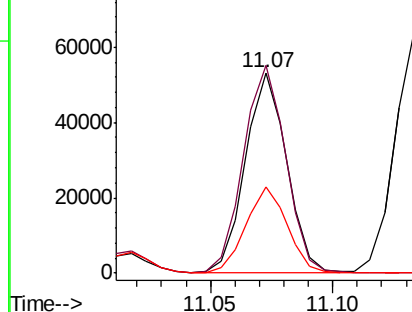
89 43.2 36.3 54.5

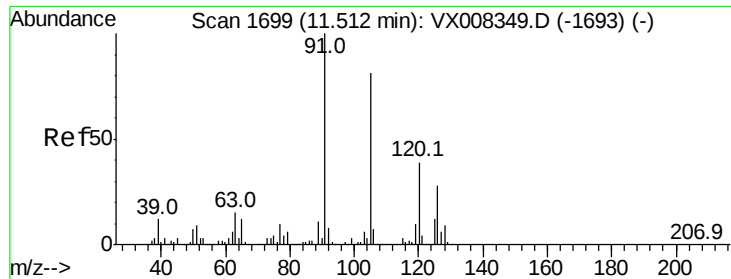


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 45.185 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tot Ion: 91 Resp: 450719

Ion Ratio Lower Upper

91 100

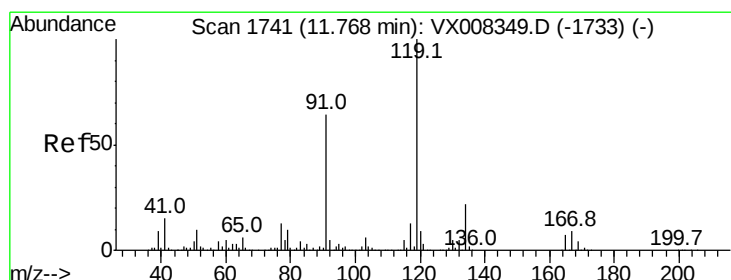
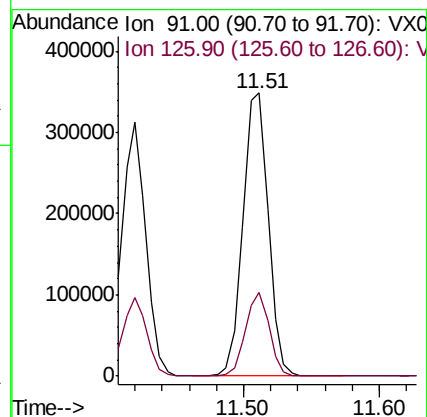
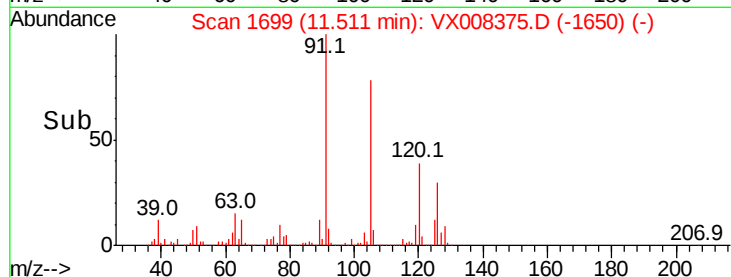
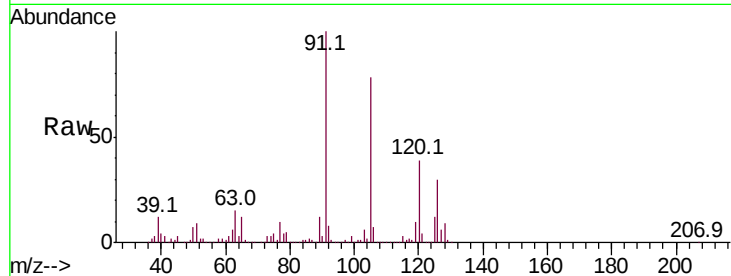
126 27.9 15.6 46.8

Manual Integrations

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#83

tert-Butylbenzene

Concen: 46.507 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

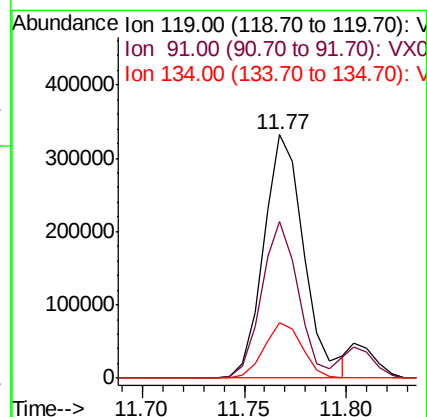
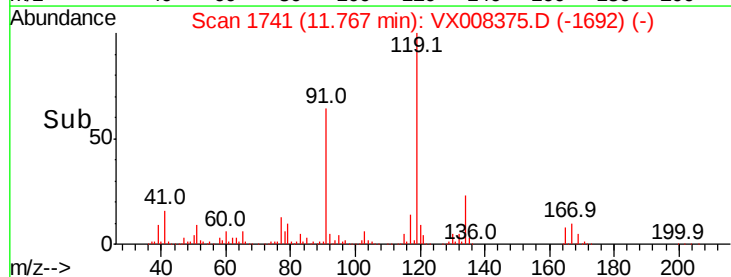
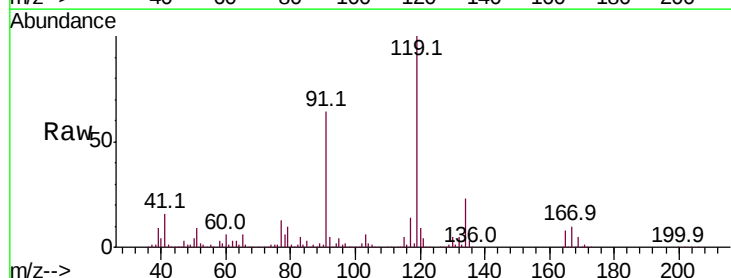
Tgt Ion: 119 Resp: 456818

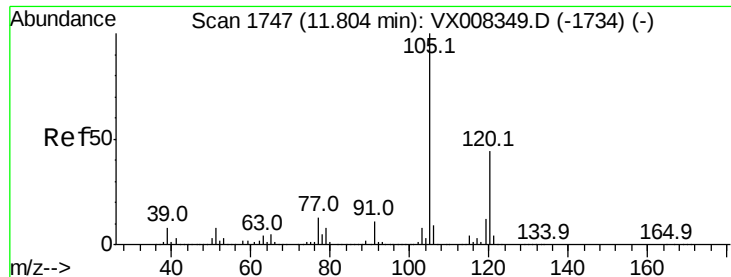
Ion Ratio Lower Upper

119 100

91 58.9 27.1 81.3

134 21.6 11.4 34.1





#84

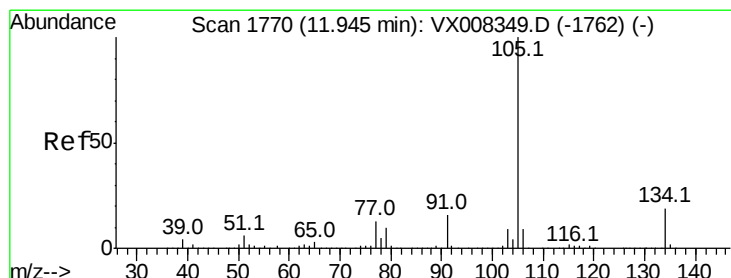
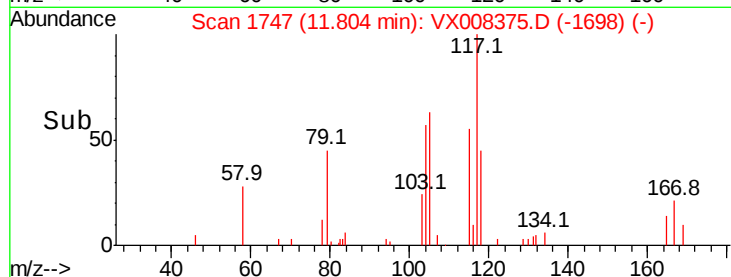
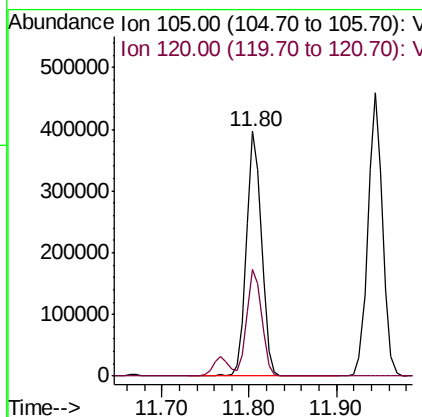
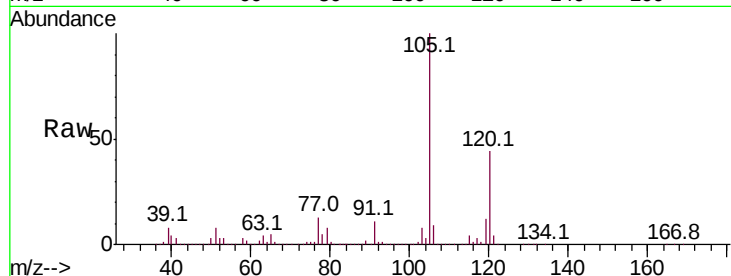
1,2,4-Trimethylbenzene
Concen: 46.050 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tot Ion:105 Resp: 474023
Ion Ratio Lower Upper
105 100
120 42.8 22.6 67.7

Manual Integrations
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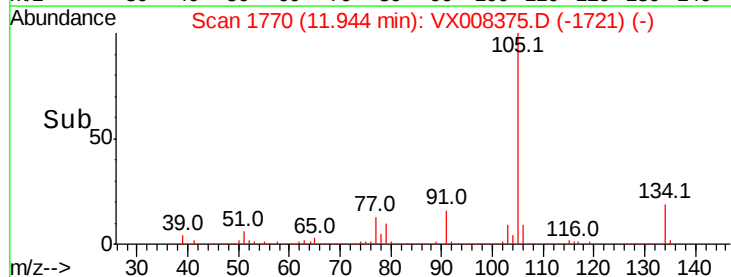
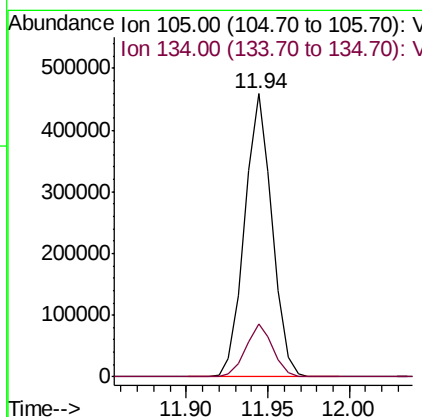
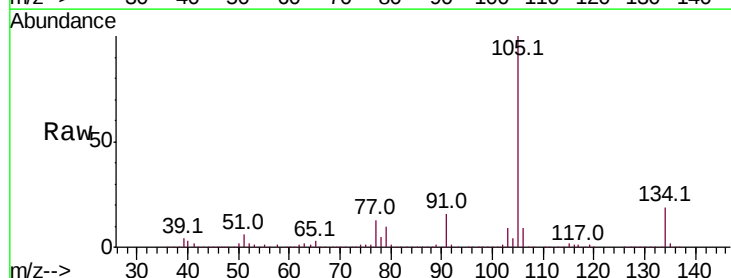
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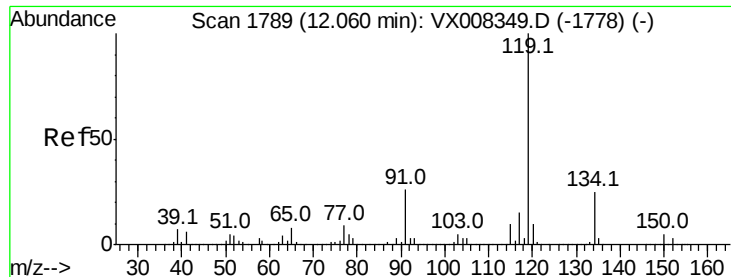


#85

sec-Butylbenzene
Concen: 45.677 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Tgt Ion:105 Resp: 537725
Ion Ratio Lower Upper
105 100
134 18.7 10.4 31.2





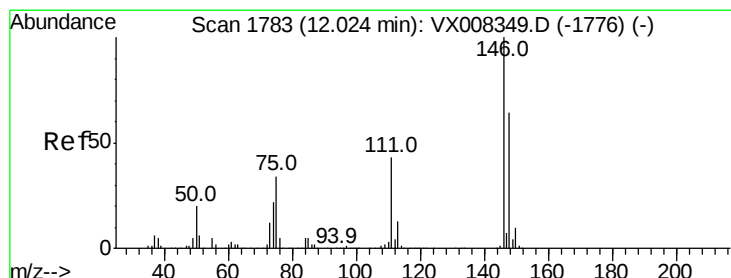
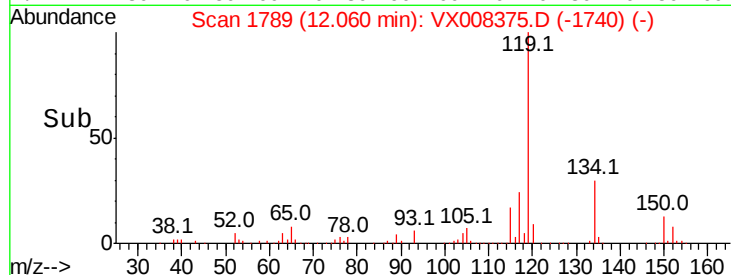
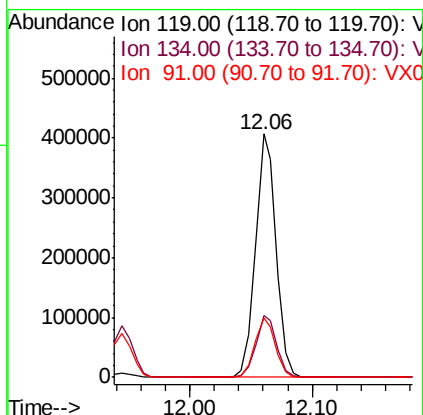
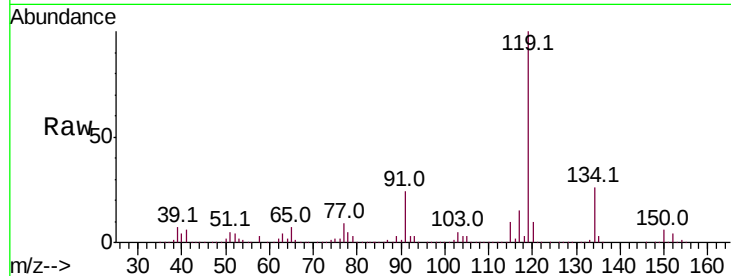
#86
p-Isopropyltoluene
Concen: 46.201 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	479403		
134	25.5	13.3	39.9	
91	24.4	10.9	32.7	

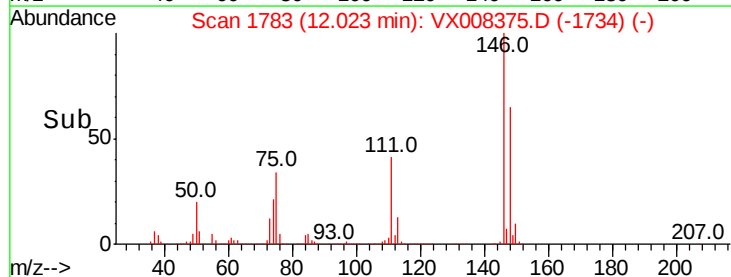
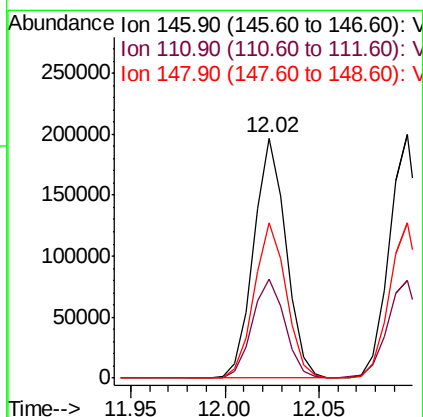
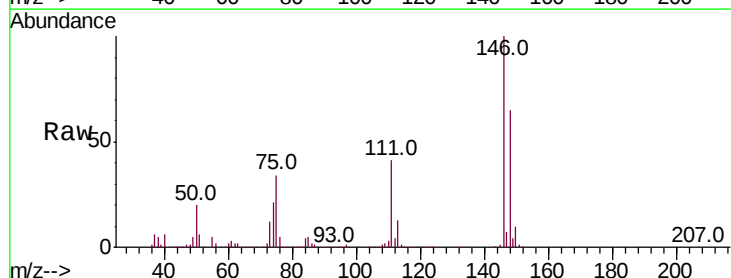
Manual Integrations
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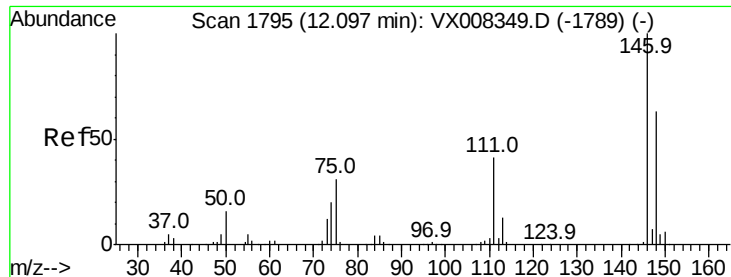
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3/25/2019 11:09:05 AM



#87
1,3-Dichlorobenzene
Concen: 45.451 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	234207		
111	41.7	18.9	56.7	
148	64.2	31.7	95.1	





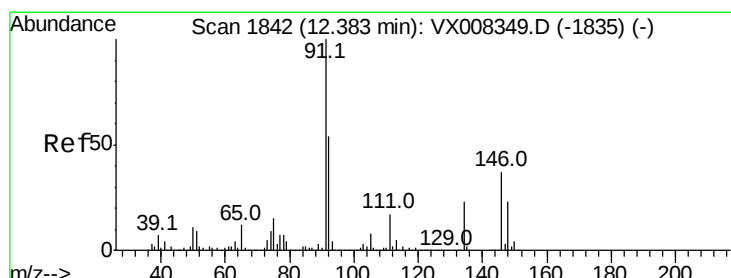
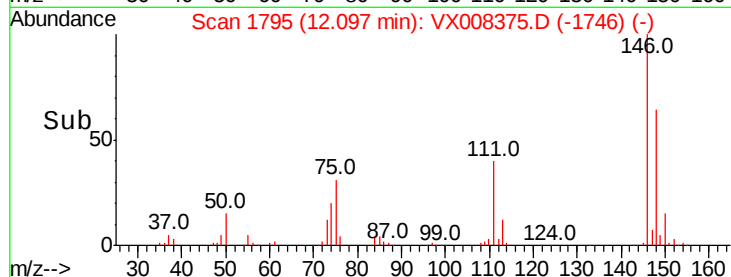
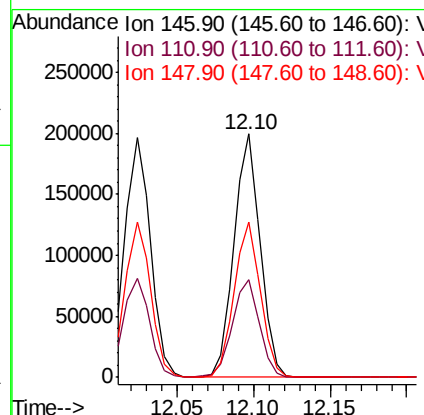
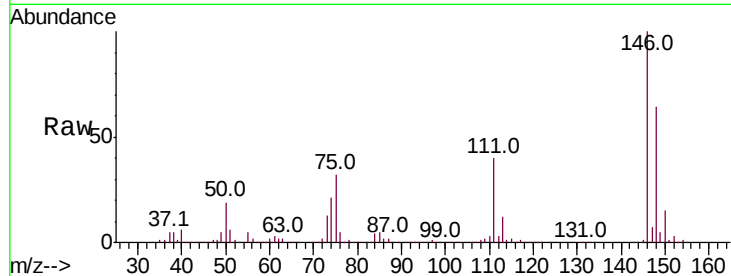
#88
1,4-Dichlorobenzene
Concen: 45.131 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	236631		
111	41.5	18.4	55.0	
148	63.8	32.2	96.6	

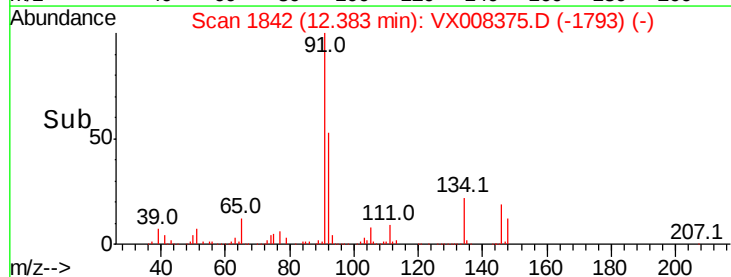
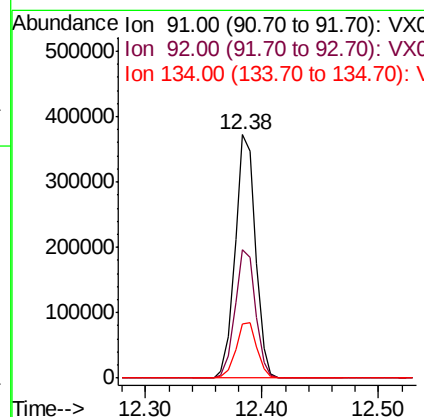
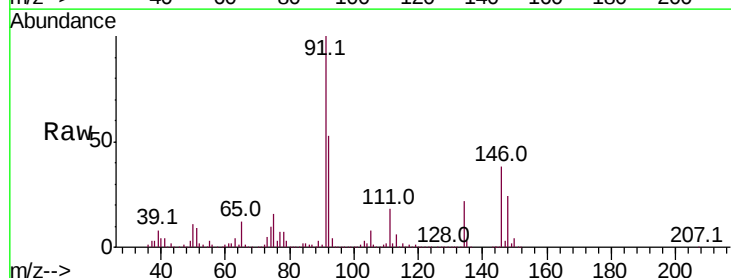
Manual Integrations
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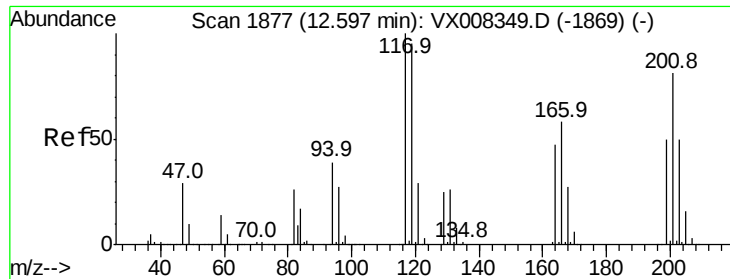
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3/25/2019 11:09:05 AM



#89
n-Butylbenzene
Concen: 45.699 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008375.D
Acq: 24 Mar 2019 01:09

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	452698		
92	53.1	27.0	80.8	
134	23.3	13.7	41.0	





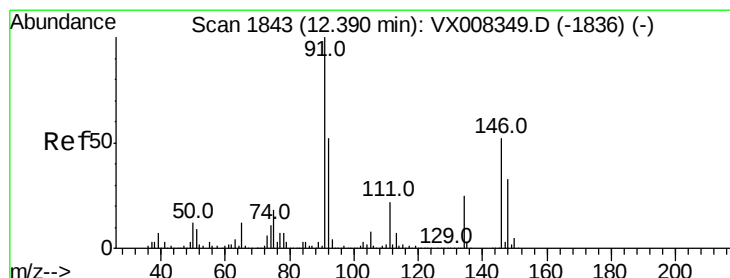
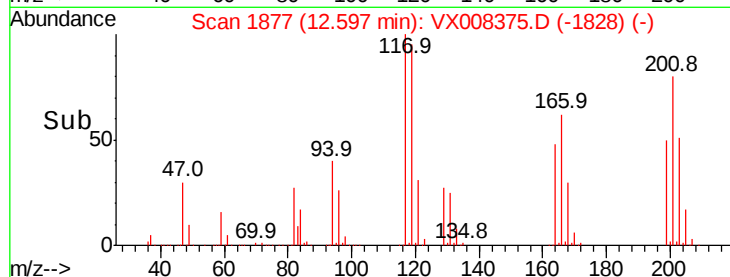
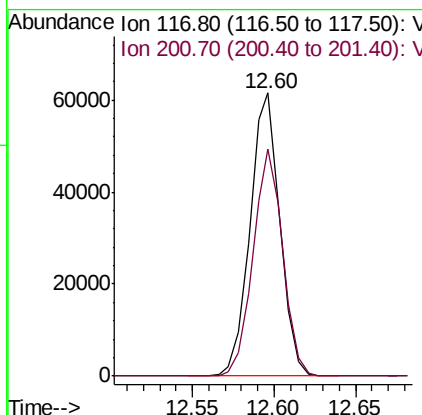
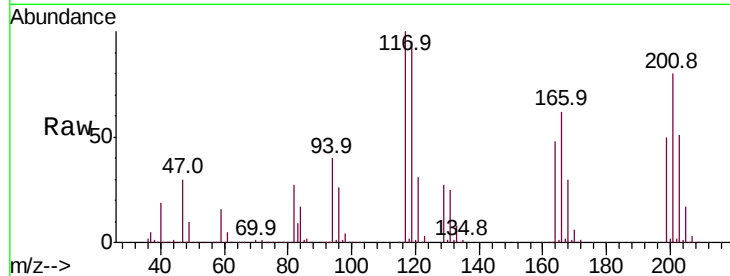
#90
 Hexachloroethane
 Concen: 45.624 ug/l
 RT: 12.60 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX008375.D
 Acq: 24 Mar 2019 01:09

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MSD

Tot Ion:117 Resp: 78200
 Ion Ratio Lower Upper
 117 100
 201 79.4 48.9 146.7

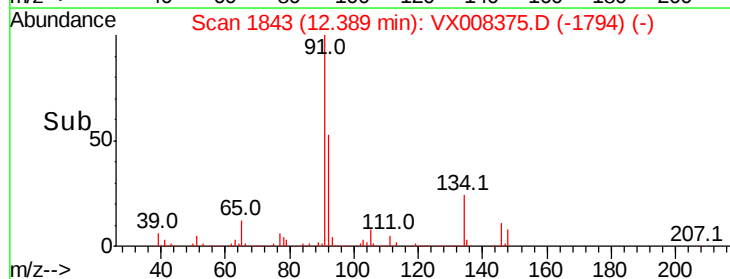
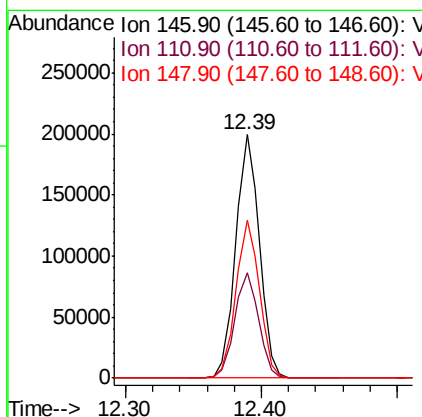
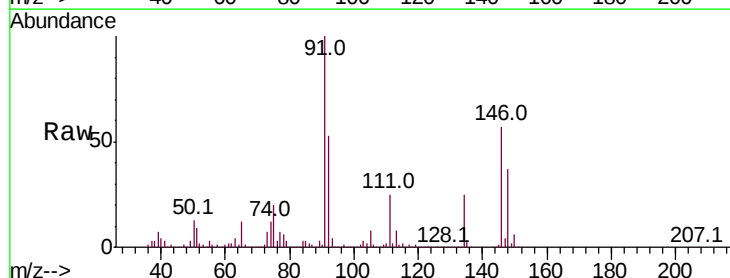
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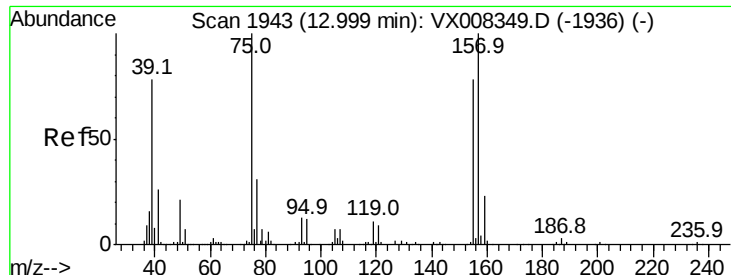
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#91
 1,2-Dichlorobenzene
 Concen: 46.165 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008375.D
 Acq: 24 Mar 2019 01:09

Tgt Ion:146 Resp: 240931
 Ion Ratio Lower Upper
 146 100
 111 43.4 19.6 58.8
 148 64.1 31.9 95.5





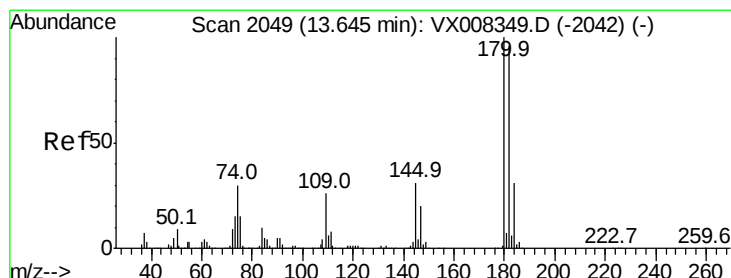
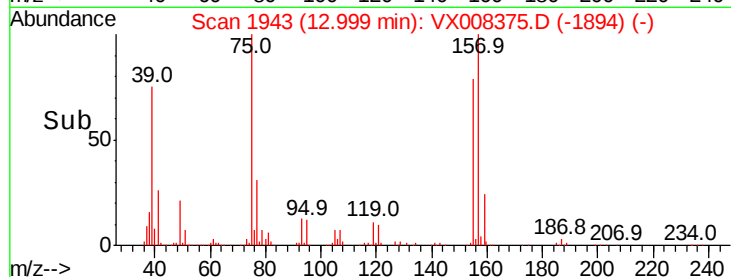
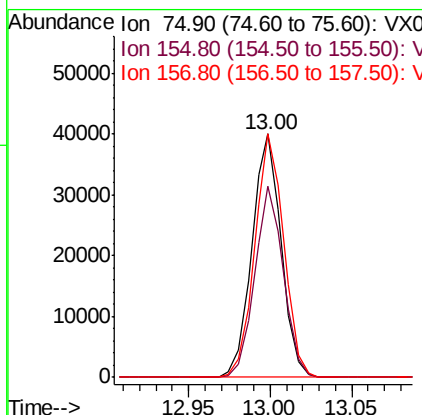
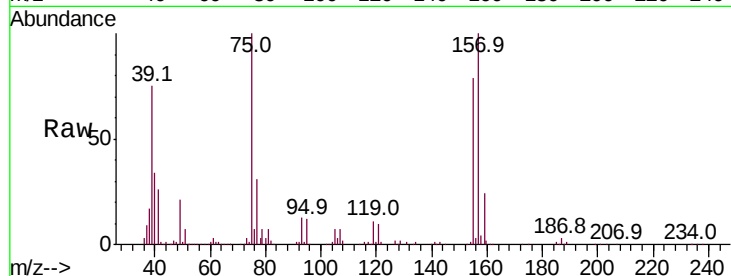
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.316 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008375.D
 Acq: 24 Mar 2019 01:09

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MSD

Tot Ion: 75 Resp: 49737
 Ion Ratio Lower Upper
 75 100
 155 76.9 49.7 149.1
 157 99.5 63.8 191.4

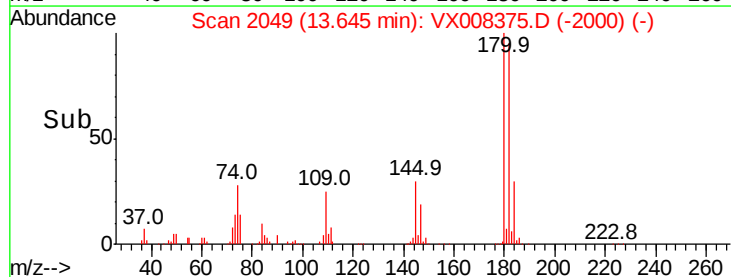
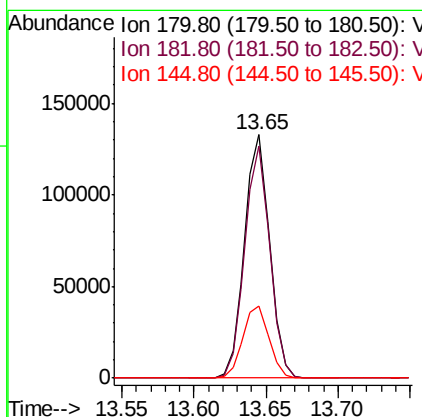
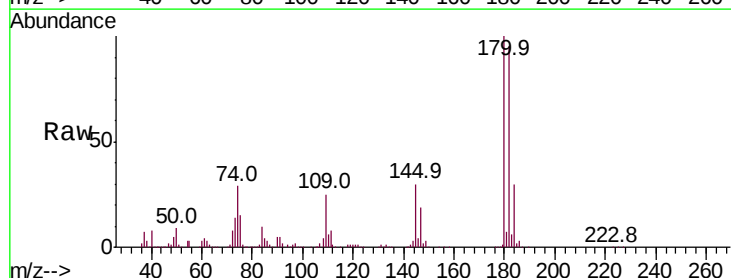
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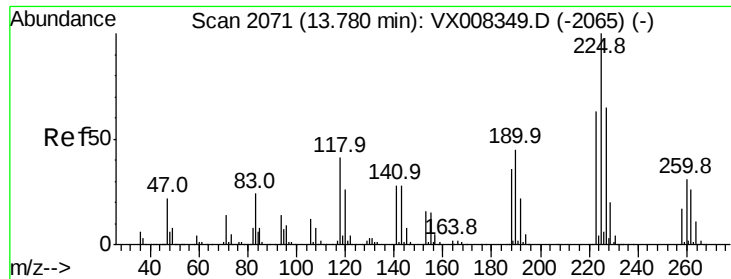
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#93
 1,2,4-Trichlorobenzene
 Concen: 45.694 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008375.D
 Acq: 24 Mar 2019 01:09

Tgt Ion: 180 Resp: 160810
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.9 143.7
 145 30.8 14.1 42.4





#94

Hexachlorobutadiene

Concen: 44.906 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008375.D

Acq: 24 Mar 2019 01:09

Instrument :

MSVOA_X

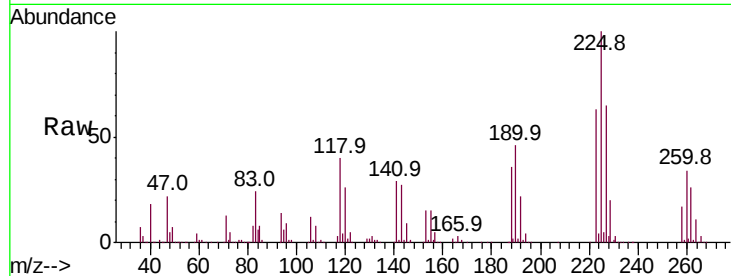
ClientSampleId :

BPS1-TT-MW309D-20190313MSD

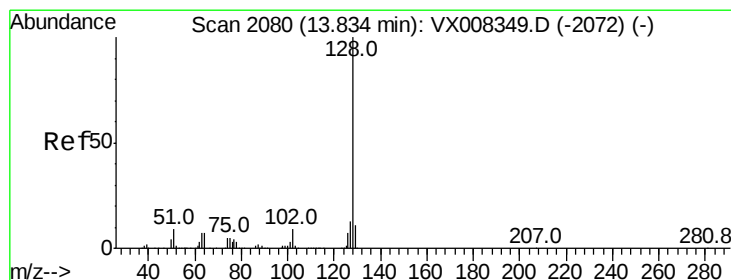
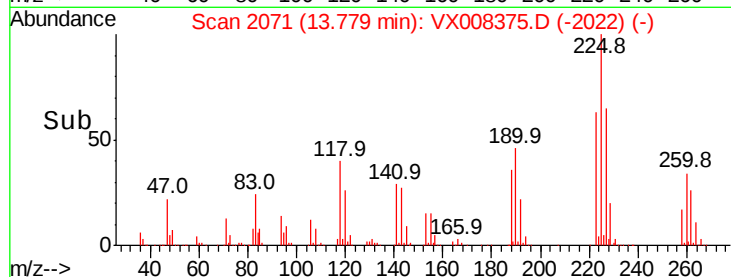
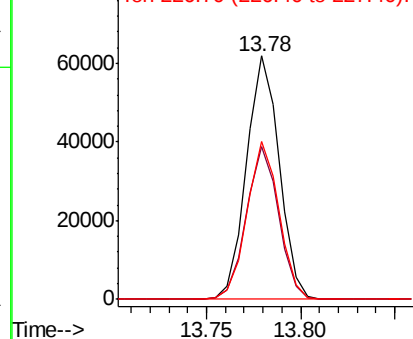
Tot Ion:	225	Resp:	74687
Ion Ratio	Lower	Upper	
225	100		
223	61.7	31.1	93.2
227	63.3	32.0	96.0

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 46.441 ug/l

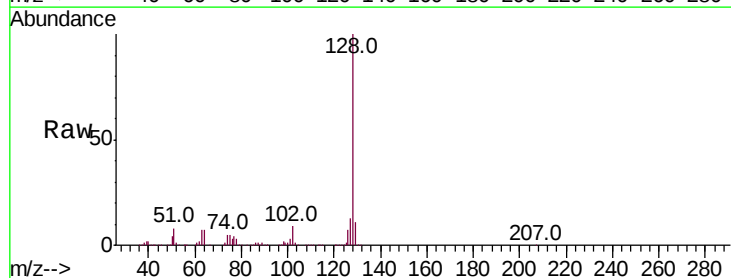
RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

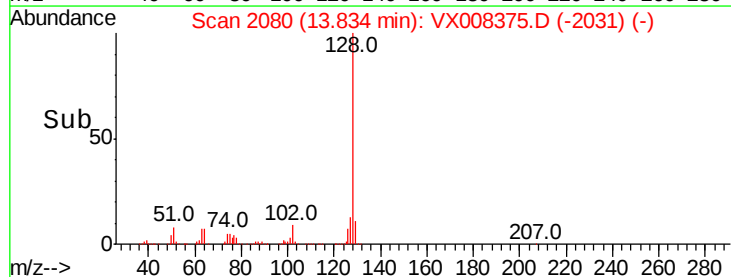
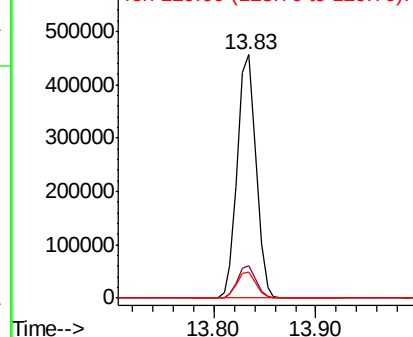
Lab File: VX008375.D

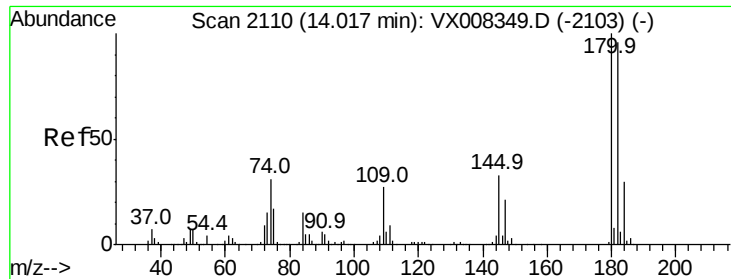
Acq: 24 Mar 2019 01:09

Tgt Ion:	128	Resp:	573942
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





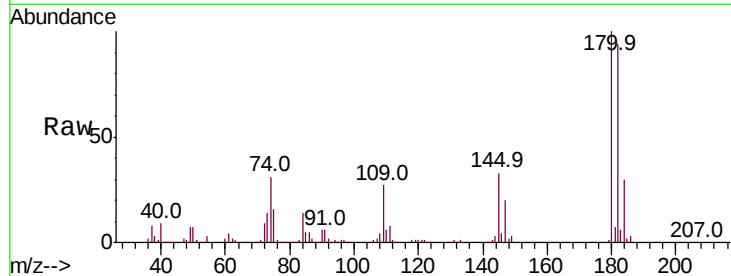
#96
 1,2,3-Trichlorobenzene
 Concen: 45.804 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008375.D
 Acq: 24 Mar 2019 01:09

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	47.5	142.5
145	32.6	14.8	44.3

Manual Integrations
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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

