

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008374.D
 Acq On : 24 Mar 2019 00:45
 Operator : JC/SP
 Sample : K1900-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:08:47 AM

Quant Time: Mar 25 09:24:07 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	5.67	168	201286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149458	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	150202	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
35) Dibromofluoromethane	5.50	113	111553	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
50) Toluene-d8	8.71	98	445272	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.13	95	165322	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	107793	47.306	ug/l	100
3) Chloromethane	1.32	50	163688	48.459	ug/l	99
4) Vinyl Chloride	1.40	62	159103	48.259	ug/l	99
5) Bromomethane	1.64	94	100893	48.598	ug/l	97
6) Chloroethane	1.71	64	94149	48.760	ug/l	99
7) Trichlorofluoromethane	1.92	101	176980	47.204	ug/l	100
8) Diethyl Ether	2.18	74	84063	46.827	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	102353	46.085	ug/l	88
10) Methyl Iodide	2.51	142	137783	48.898	ug/l	98
11) Tert butyl alcohol	3.05	59	177807	260.022	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107597	46.932	ug/l	88
13) Acrolein	2.29	56	126378	216.276	ug/l	99
14) Allyl chloride	2.73	41	236893	46.708	ug/l	95
15) Acrylonitrile	3.14	53	428399	244.640	ug/l	99
16) Acetone	2.45	43	369998	241.117	ug/l	98
17) Carbon Disulfide	2.57	76	331050	45.158	ug/l	99
18) Methyl Acetate	2.78	43	155369	40.450	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	402800	48.782	ug/l	98
20) Methylene Chloride	2.85	84	130256	47.152	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	114333	46.057	ug/l	93
22) Diisopropyl ether	3.85	45	479293	48.536	ug/l #	88
23) Vinyl Acetate	3.81	43	1815667	208.247	ug/l	97
24) 1,1-Dichloroethane	3.70	63	242465	48.158	ug/l	98
25) 2-Butanone	4.67	43	624902	247.314	ug/l	96
26) 2,2-Dichloropropane	4.58	77	123065	37.939	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	133742	47.038	ug/l	92
28) Bromochloromethane	5.01	49	120630	47.995	ug/l #	78
29) Tetrahydrofuran	5.13	42	410452	244.647	ug/l	96
30) Chloroform	5.21	83	219398	48.333	ug/l	99
31) Cyclohexane	5.58	56	229362	47.507	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	175141	48.768	ug/l	96
36) 1,1-Dichloropropene	5.80	75	171904	47.719	ug/l	95
37) Ethyl Acetate	4.84	43	203754	41.792	ug/l	97
38) Carbon Tetrachloride	5.79	117	145321	47.060	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	202349	45.826	ug/l	93
40) Benzene	6.14	78	519453	47.349	ug/l	98
41) Methacrylonitrile	5.04	41	132351	49.804	ug/l	96
42) 1,2-Dichloroethane	6.19	62	188201	47.271	ug/l	96
43) Isopropyl Acetate	6.45	43	337305	44.429	ug/l	97
44) Trichloroethene	7.21	130	117787	46.233	ug/l	88
45) 1,2-Dichloropropane	7.51	63	148563	47.834	ug/l	98
46) Dibromomethane	7.66	93	85945	46.629	ug/l #	84
47) Bromodichloromethane	7.90	83	168438	47.911	ug/l	100
48) Methyl methacrylate	7.77	41	188308	49.155	ug/l	94
49) 1,4-Dioxane	7.74	88	77032	996.639	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	1241662	249.271	ug/l	97
52) Toluene	8.78	92	312697	48.608	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	182457	48.270	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	202118	47.162	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	126876	47.482	ug/l	97
56) Ethyl methacrylate	9.18	69	237468	50.199	ug/l	91
57) 1,3-Dichloropropane	9.37	76	226794	47.643	ug/l	100
59) 2-Hexanone	9.49	43	978658	255.936	ug/l	96
60) Dibromochloromethane	9.58	129	121194	48.863	ug/l	98
61) 1,2-Dibromoethane	9.67	107	130748	48.213	ug/l	99
64) Tetrachloroethene	9.34	164	94571	45.796	ug/l	96
65) Chlorobenzene	10.14	112	315219	47.597	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	111172	48.406	ug/l	98
67) Ethyl Benzene	10.25	91	598972	48.301	ug/l	97
68) m/p-Xylenes	10.36	106	432309	97.027	ug/l	92
69) o-Xylene	10.69	106	212165	48.697	ug/l	93
70) Styrene	10.71	104	372576	49.310	ug/l	96
71) Bromoform	10.85	173	87833	49.646	ug/l #	99
73) Isopropylbenzene	11.02	105	556706	47.199	ug/l	98
74) N-amyl acetate	10.90	43	299092	43.311	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	222536	47.367	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	210906m	53.912	ug/l	
77) Bromobenzene	11.26	156	131550	47.136	ug/l	80
78) n-propylbenzene	11.36	91	658931	47.665	ug/l	95
79) 2-Chlorotoluene	11.42	91	393411	46.718	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	474123	47.253	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	64076	46.676	ug/l	91
82) 4-Chlorotoluene	11.51	91	456426	47.040	ug/l	94
83) tert-Butylbenzene	11.77	119	464446	48.609	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	482751	48.212	ug/l	97
85) sec-Butylbenzene	11.94	105	543866	47.494	ug/l	96
86) p-Isopropyltoluene	12.06	119	480743	47.629	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	234761	46.835	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	236457	46.363	ug/l	97
89) n-Butylbenzene	12.38	91	454330	47.150	ug/l	97
90) Hexachloroethane	12.60	117	80090	48.037	ug/l	80
91) 1,2-Dichlorobenzene	12.39	146	239944	47.265	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49736	49.670	ug/l	76
93) 1,2,4-Trichlorobenzene	13.65	180	160959	47.019	ug/l	98

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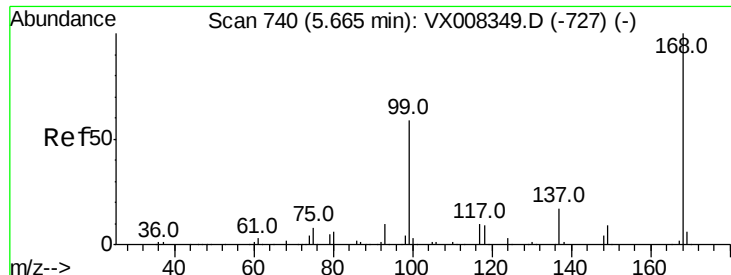
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	73772	45.600	ug/l	99
95) Naphthalene	13.83	128	575305	47.856	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	161732	46.819	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion:168 Resp: 201286

Ion Ratio Lower Upper

168 100

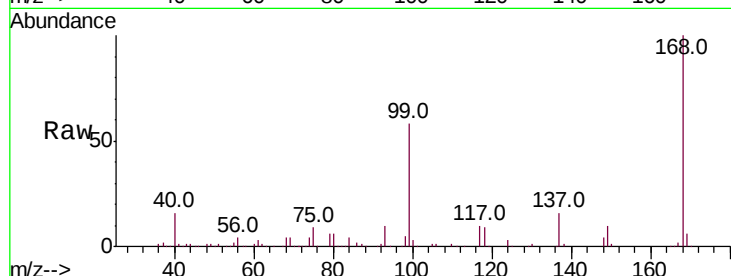
99 57.4 37.6 56.4#

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

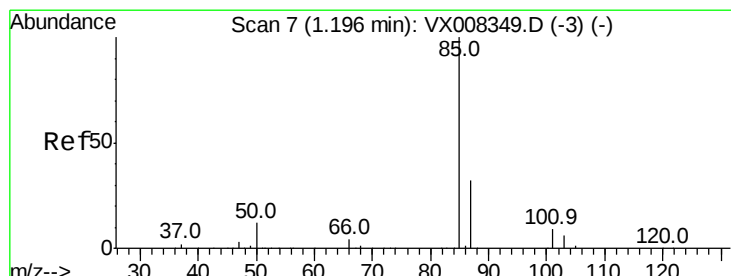
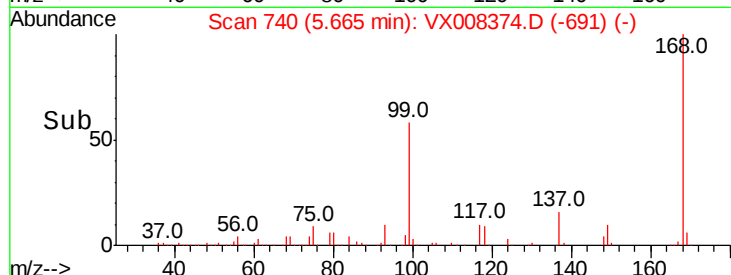
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.306 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008374.D

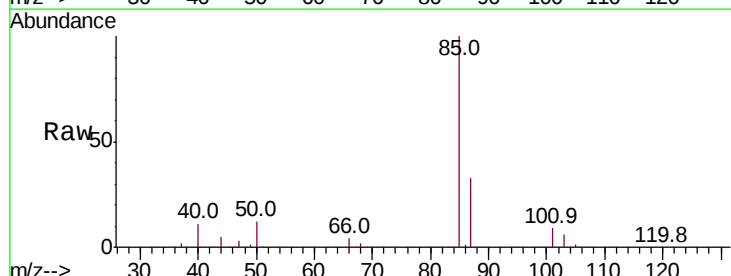
Acq: 24 Mar 2019 00:45

Tgt Ion: 85 Resp: 107793

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

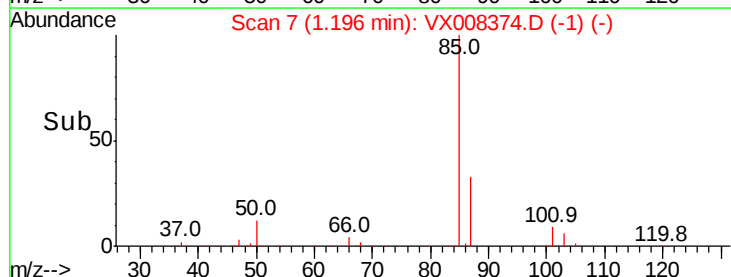
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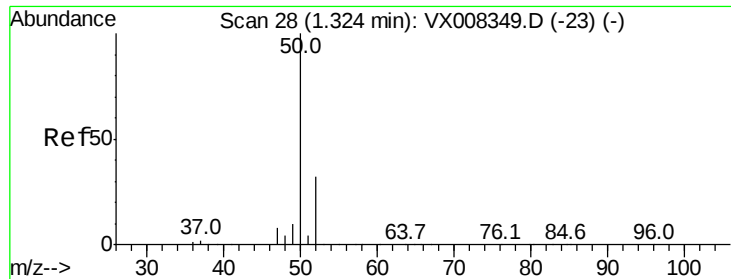
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.459 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion: 50 Resp: 163688

Ion Ratio Lower Upper

50 100

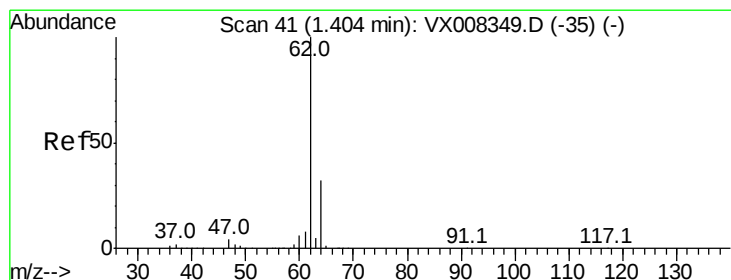
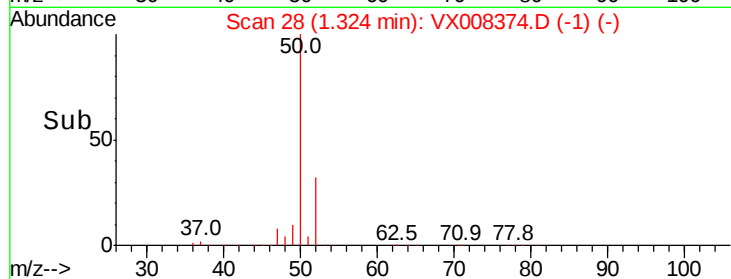
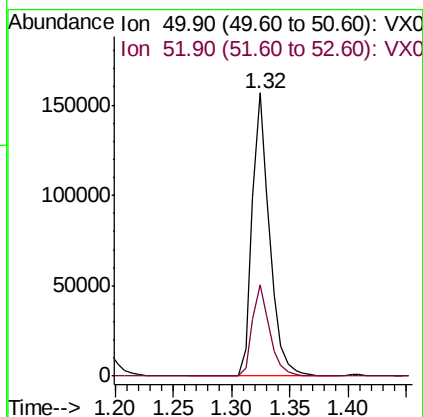
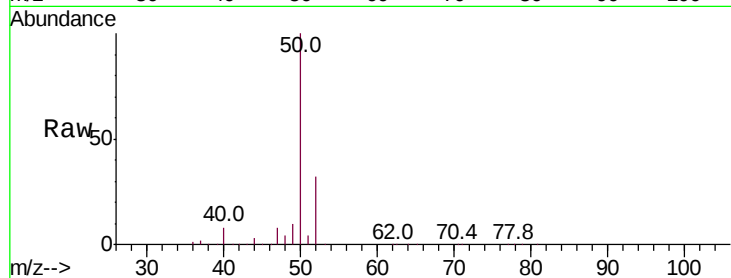
52 32.3 26.5 39.7

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#4

Vinyl Chloride

Concen: 48.259 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008374.D

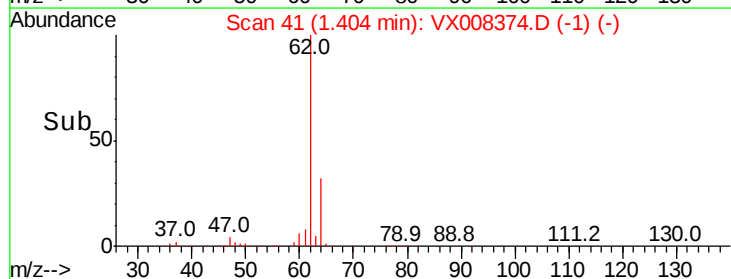
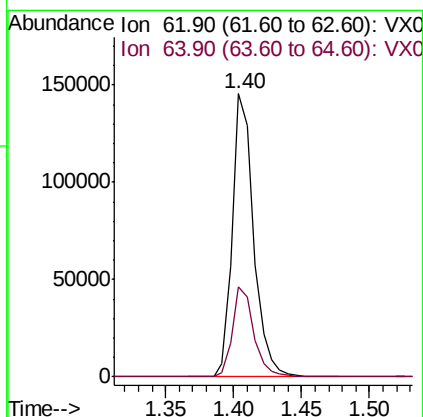
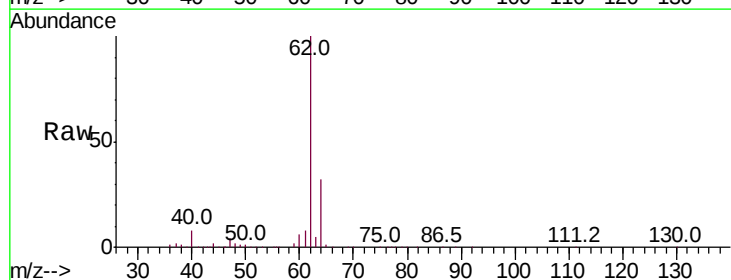
Acq: 24 Mar 2019 00:45

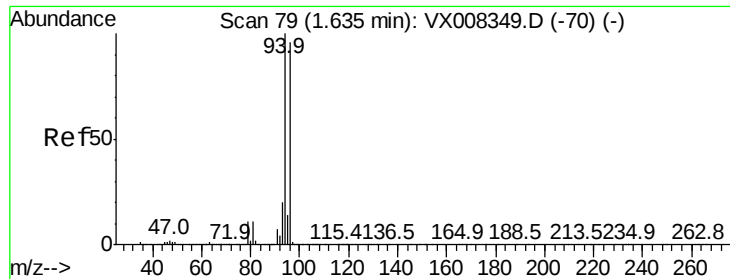
Tgt Ion: 62 Resp: 159103

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 48.598 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

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Tot Ion: 94 Resp: 100893

Ion Ratio Lower Upper

94 100

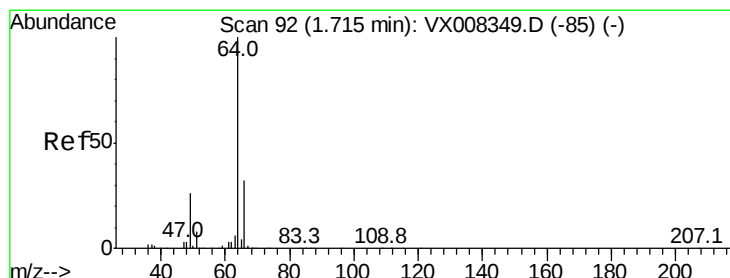
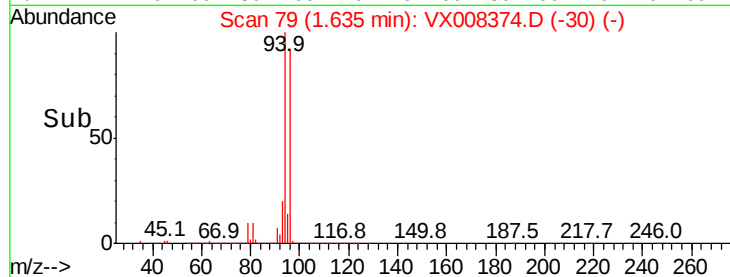
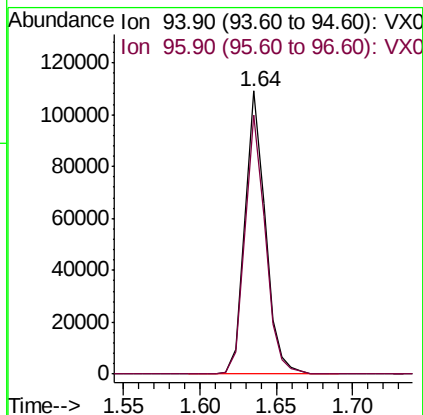
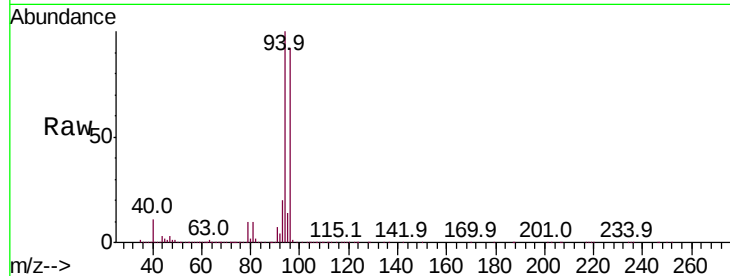
96 91.8 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 48.760 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008374.D

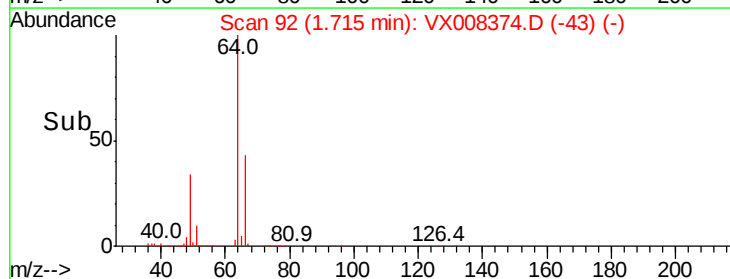
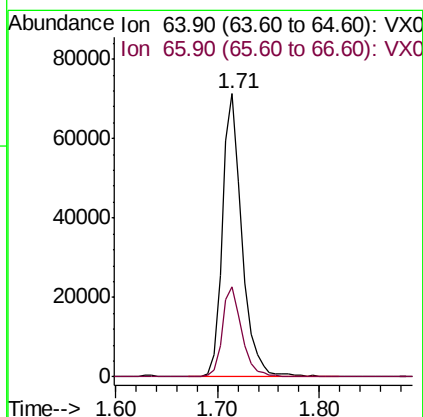
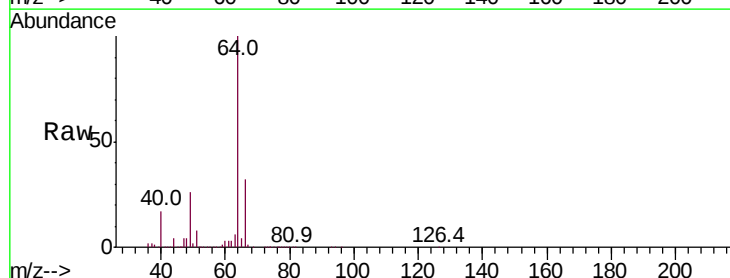
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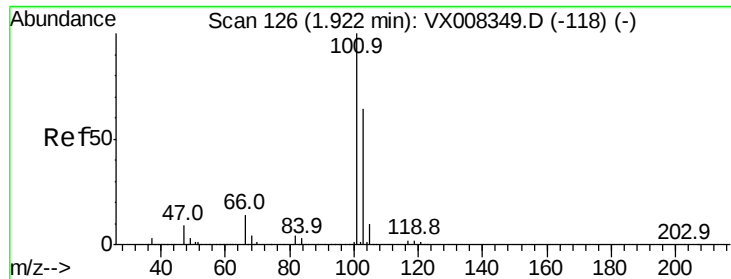
Tgt Ion: 64 Resp: 94149

Ion Ratio Lower Upper

64 100

66 31.9 25.2 37.8





#7

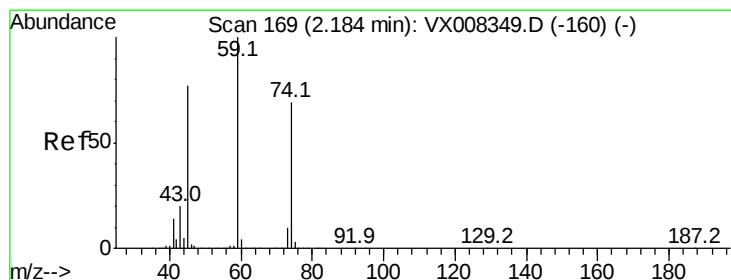
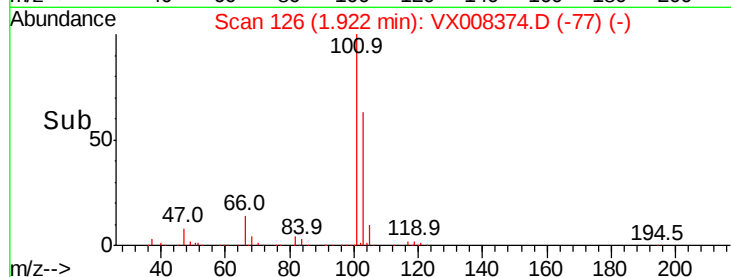
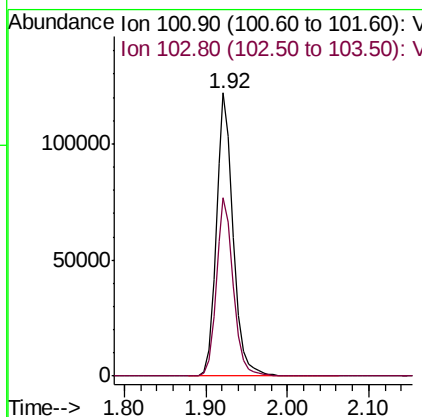
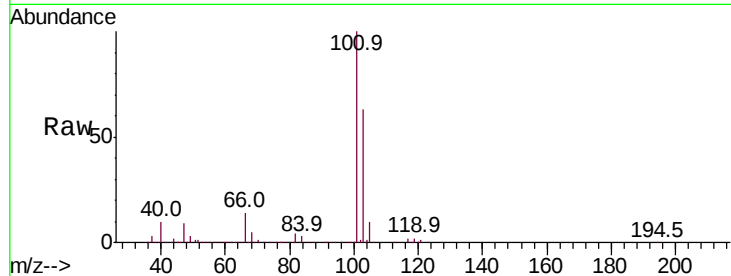
Trichlorofluoromethane
Concen: 47.204 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	50.4	75.6

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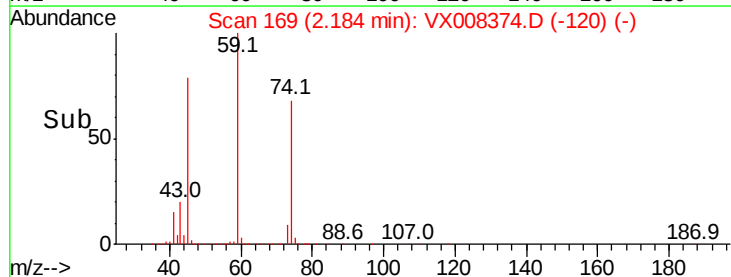
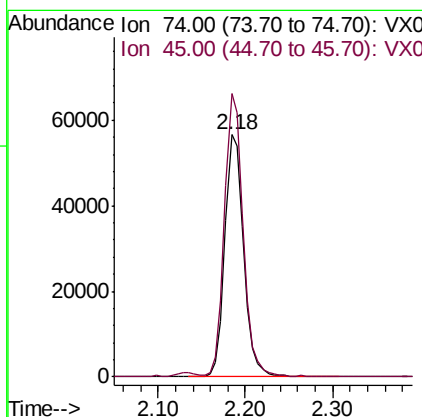
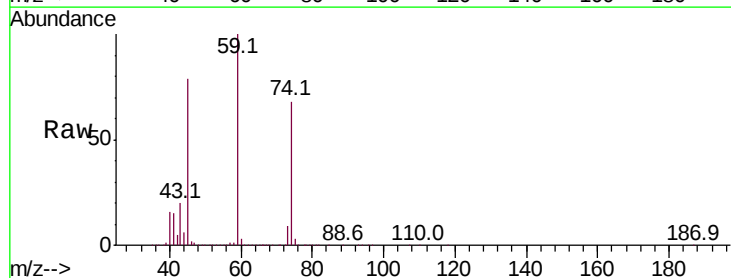
MMDadoda
3/25/2019 11:08:47 AM

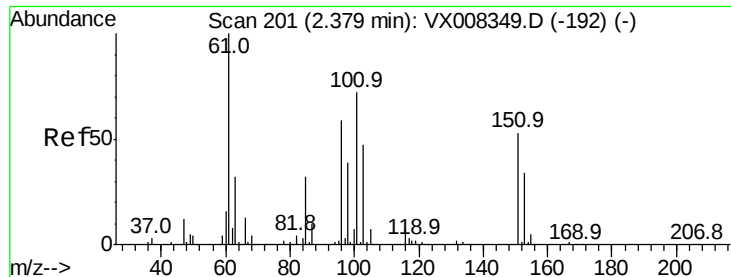


#8

Diethyl Ether
Concen: 46.827 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	115.5	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.085 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

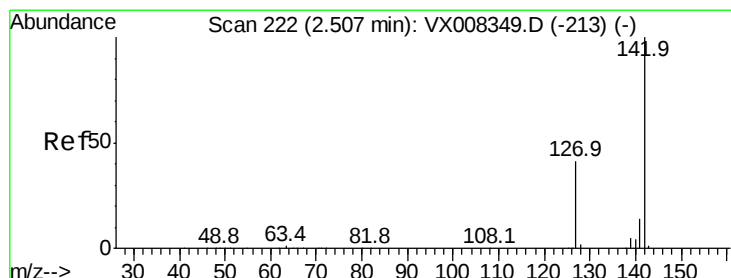
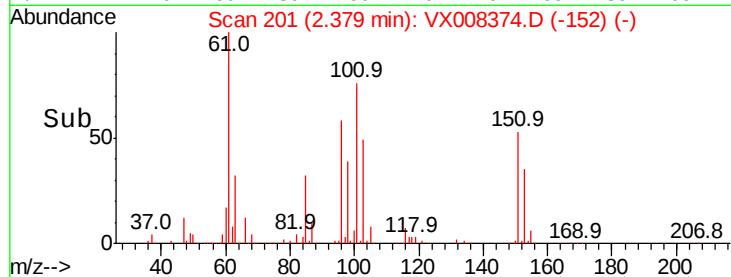
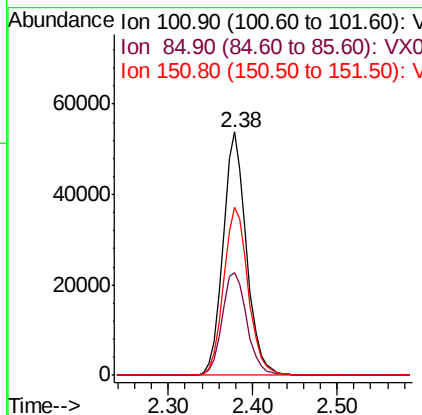
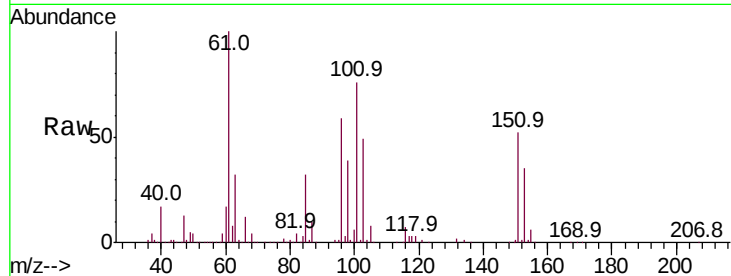
ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion:	101	Resp:	102353
Ion Ratio	Lower	Upper	
101	100		
85	45.0	33.8	50.6
151	72.6	69.1	103.7

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#10

Methyl Iodide

Concen: 48.898 ug/l

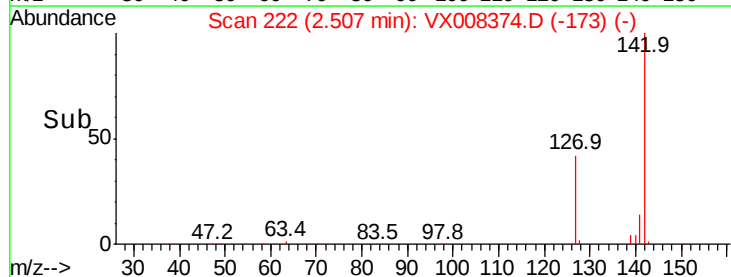
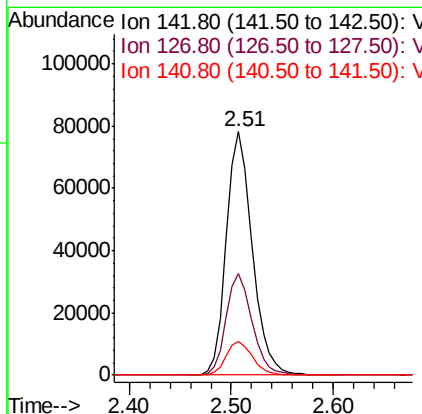
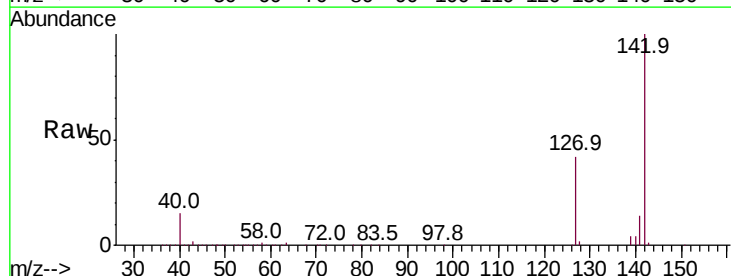
RT: 2.51 min Scan# 222

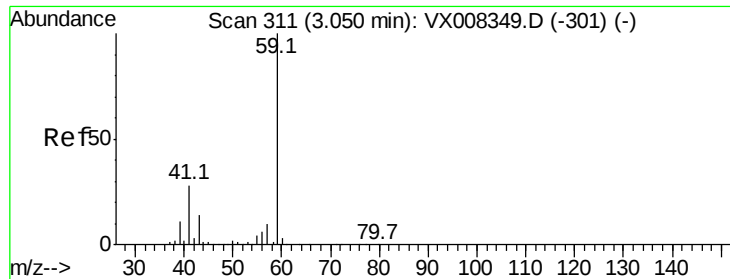
Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Tgt Ion:	142	Resp:	137783
Ion Ratio	Lower	Upper	
142	100		
127	42.0	32.1	48.1
141	14.2	11.4	17.2





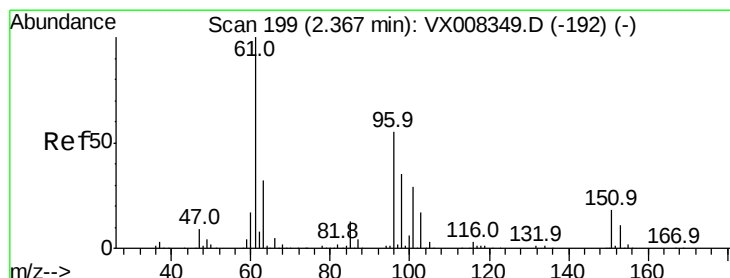
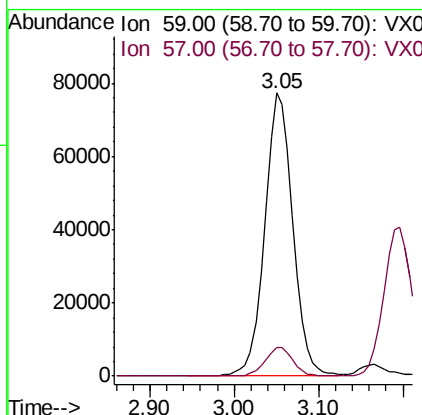
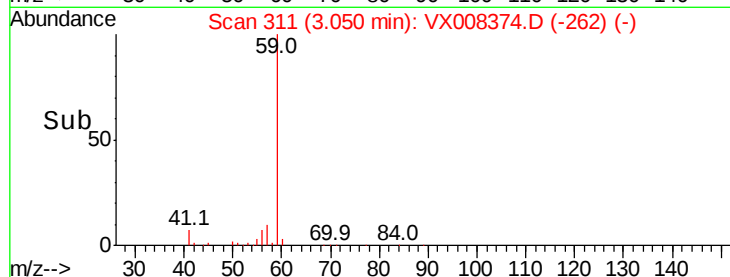
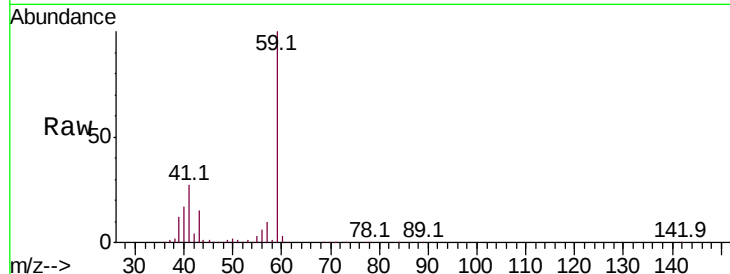
#11
Tert butyl alcohol
Concen: 260.022 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

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

Tot Ion: 59 Resp: 177807
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2

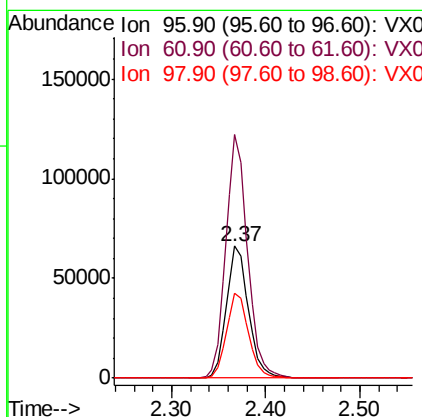
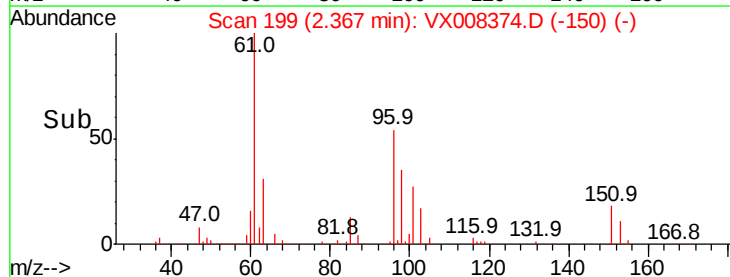
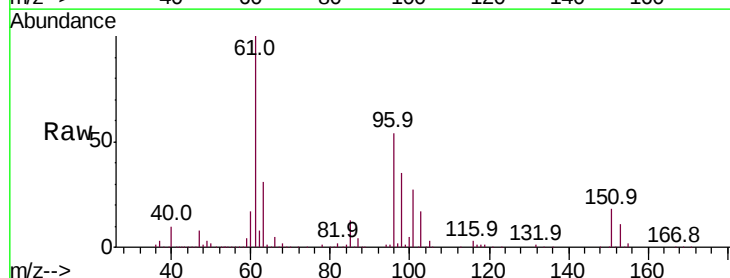
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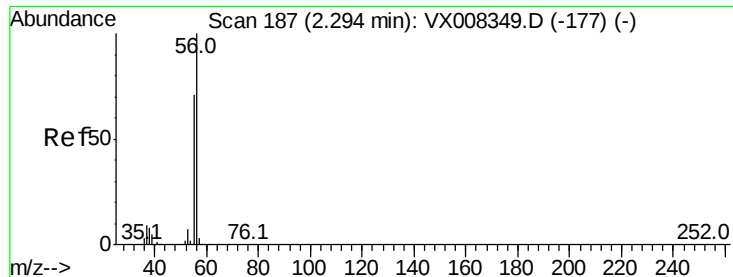
MMDadoda
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#12
1,1-Dichloroethene
Concen: 46.932 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion: 96 Resp: 107597
Ion Ratio Lower Upper
96 100
61 184.3 129.8 194.6
98 64.0 51.0 76.6





#13

Acrolein

Concen: 216.276 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion: 56 Resp: 126378

Ion Ratio Lower Upper

56 100

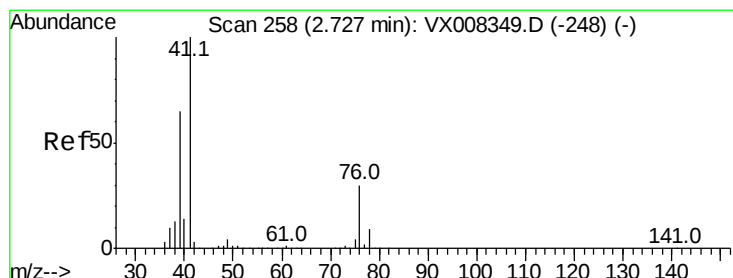
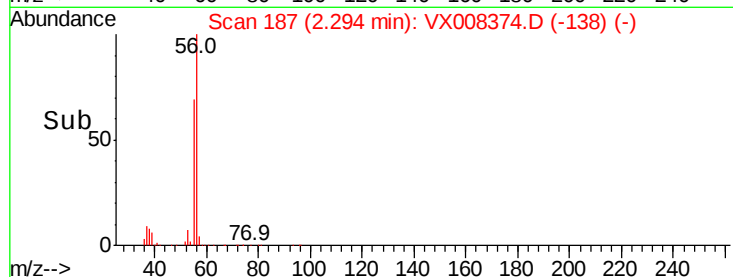
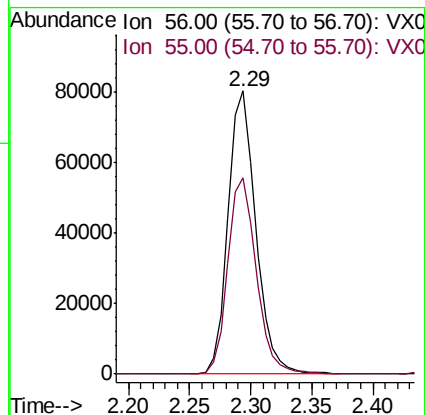
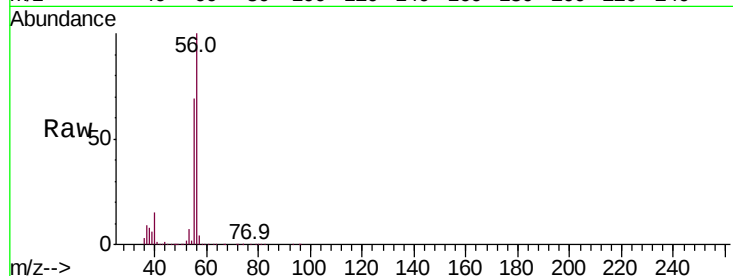
55 71.4 57.8 86.6

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#14

Allyl chloride

Concen: 46.708 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

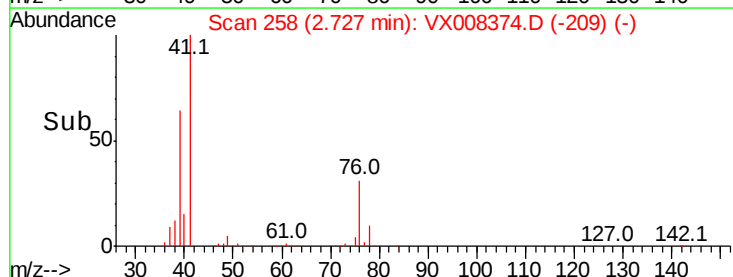
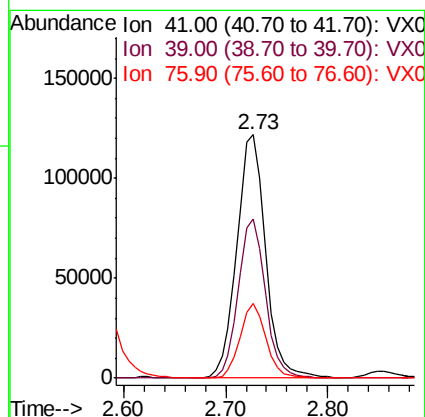
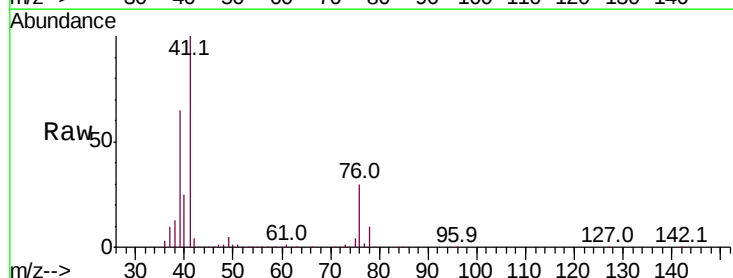
Tgt Ion: 41 Resp: 236893

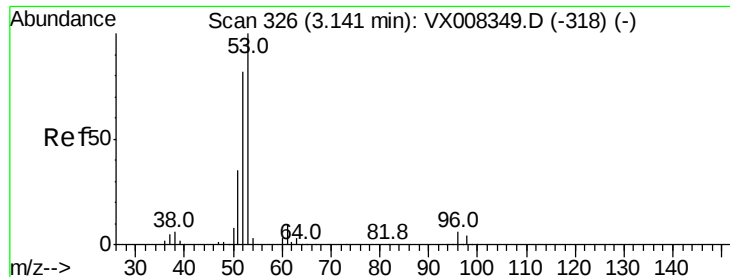
Ion Ratio Lower Upper

41 100

39 61.9 46.1 69.1

76 27.7 24.0 36.0





#15

Acrylonitrile

Concen: 244.640 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

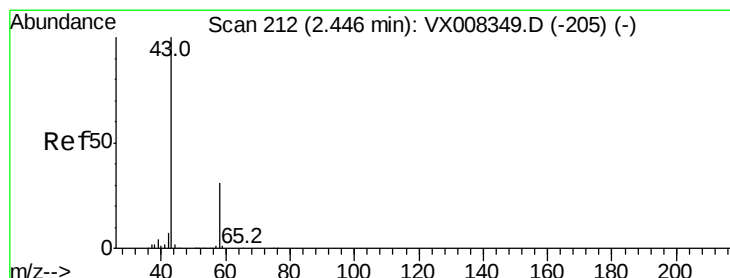
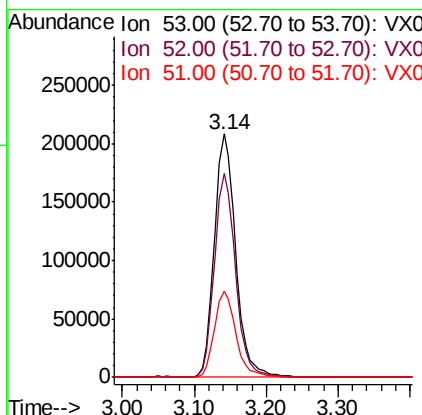
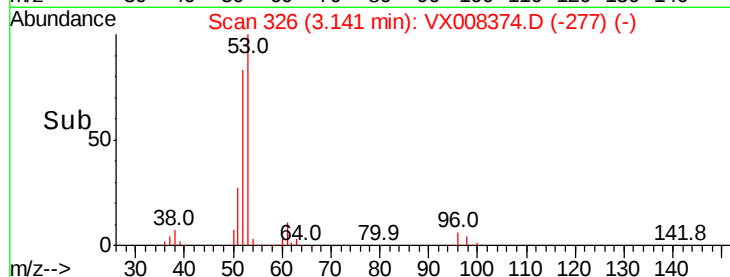
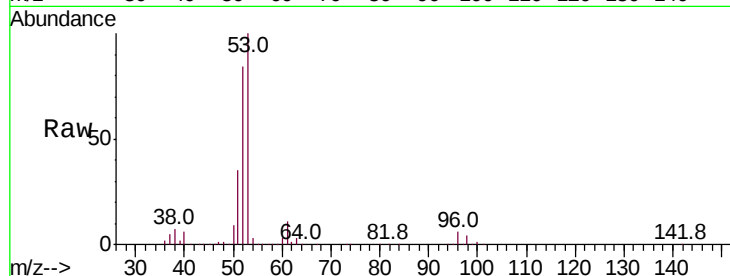
ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion:	53	Resp:	428399
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.0	99.0
51	35.8	28.0	42.0

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#16

Acetone

Concen: 241.117 ug/l

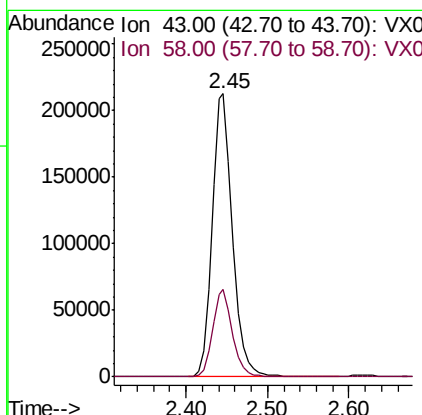
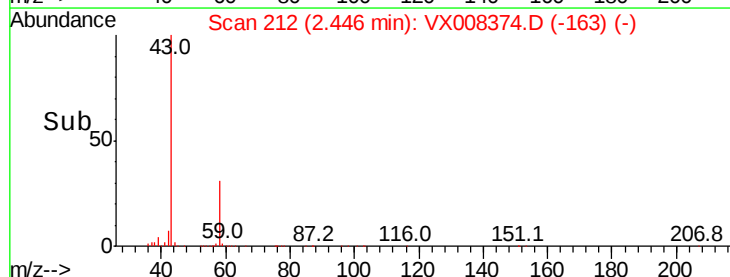
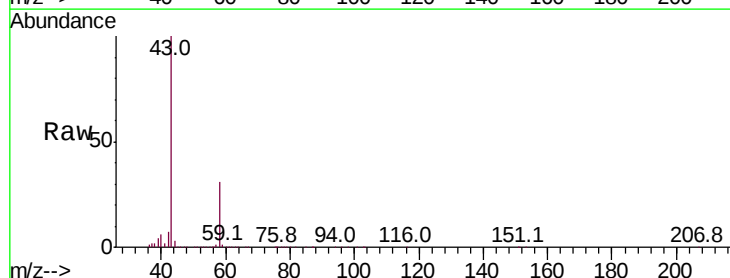
RT: 2.45 min Scan# 212

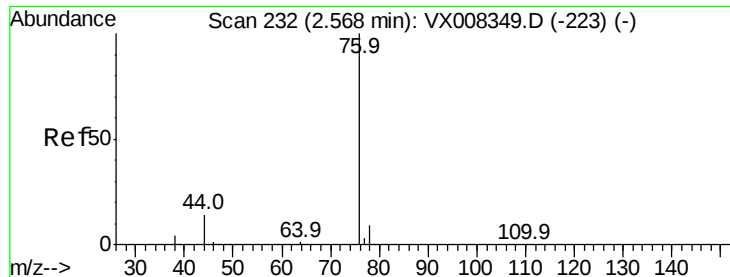
Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Tgt Ion:	43	Resp:	369998
Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.5	38.3





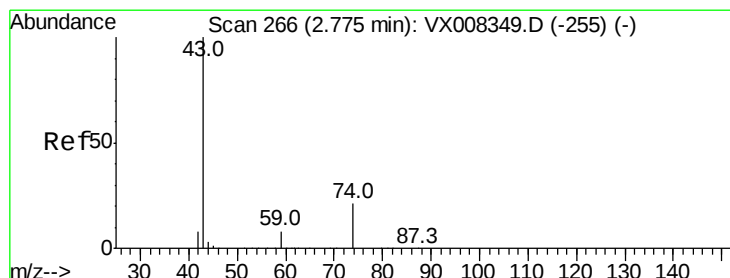
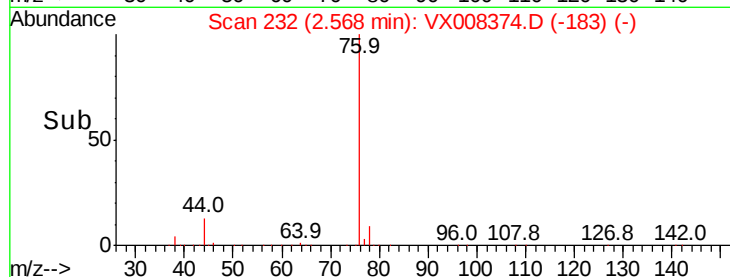
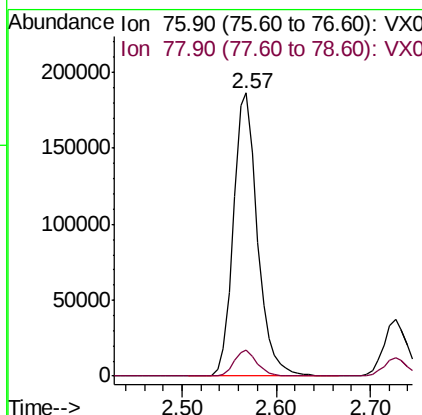
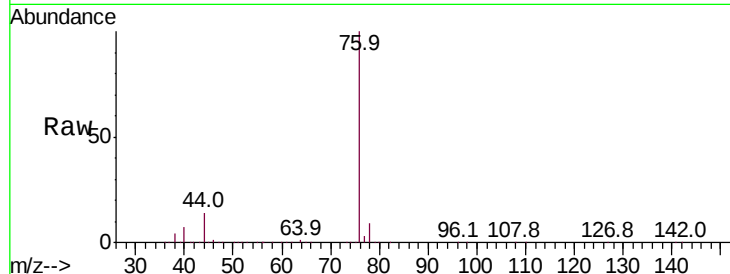
#17
Carbon Disulfide
Concen: 45.158 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

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

Tot Ion: 76 Resp: 331050
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

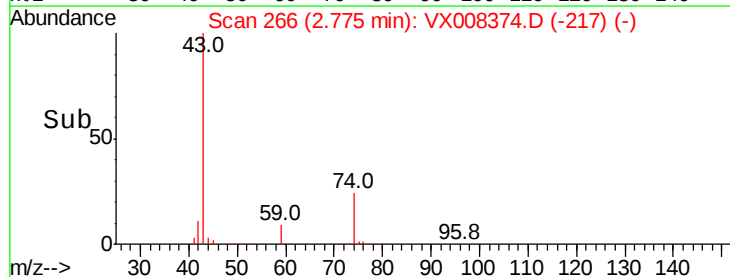
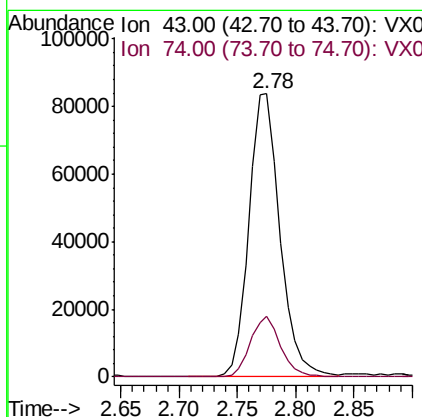
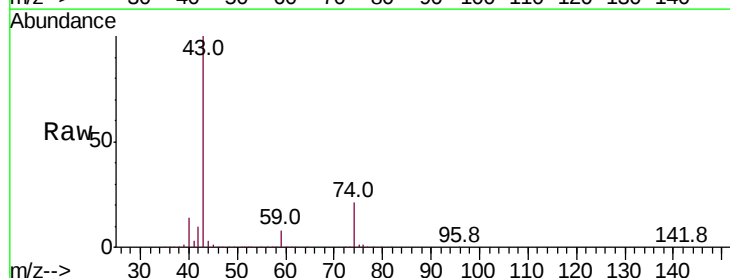
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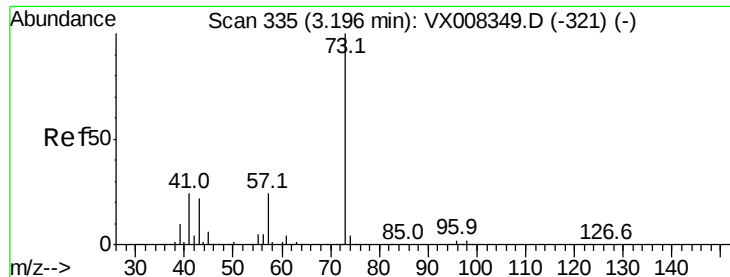
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#18
Methyl Acetate
Concen: 40.450 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion: 43 Resp: 155369
Ion Ratio Lower Upper
43 100
74 21.2 17.8 26.6





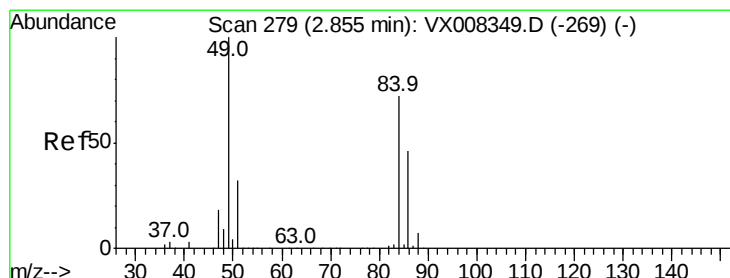
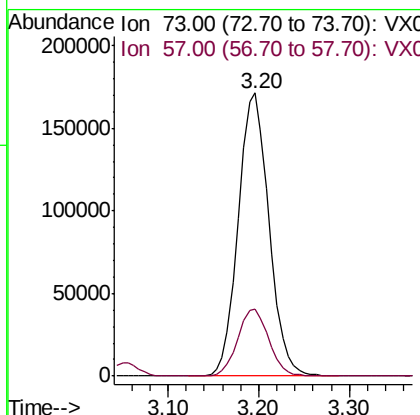
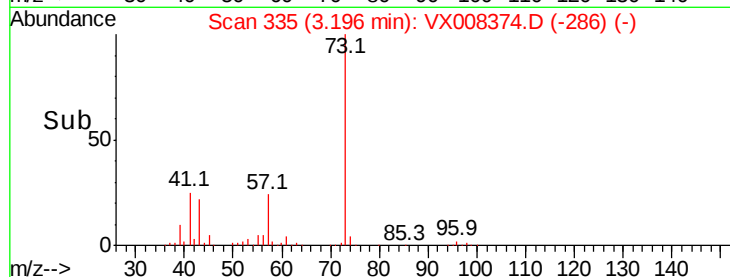
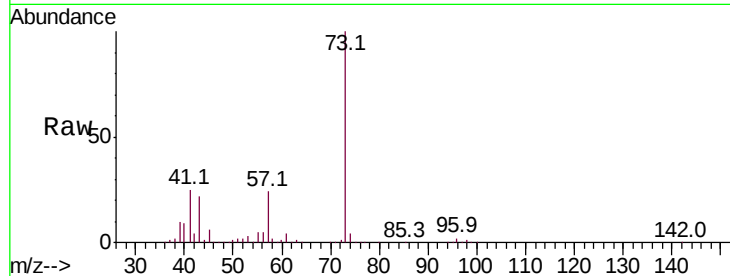
#19
Methyl tert-butyl Ether
Concen: 48.782 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

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

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.7	18.2	27.4

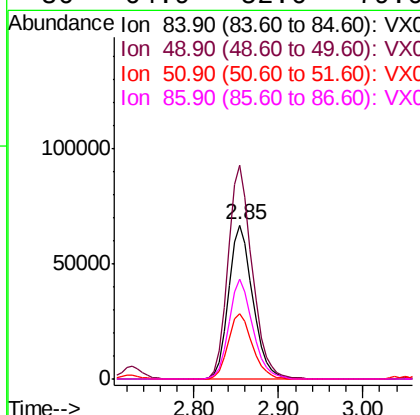
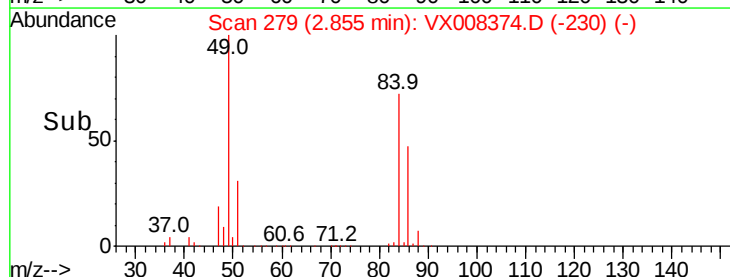
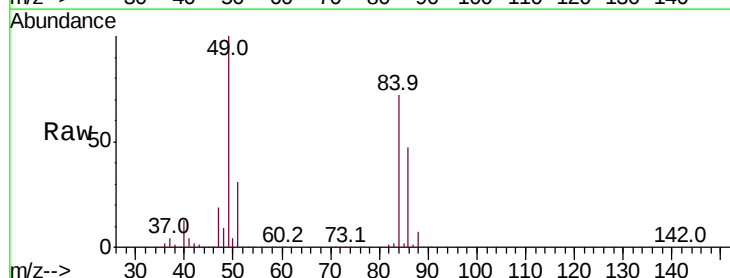
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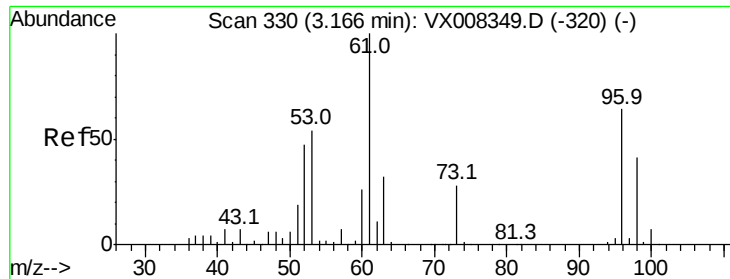
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#20
Methylene Chloride
Concen: 47.152 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	139.0	99.3	148.9
51	42.6	31.3	46.9
86	64.9	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 46.057 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion: 96 Resp: 114333

Ion Ratio Lower Upper

96 100

61 154.9 114.4 171.6

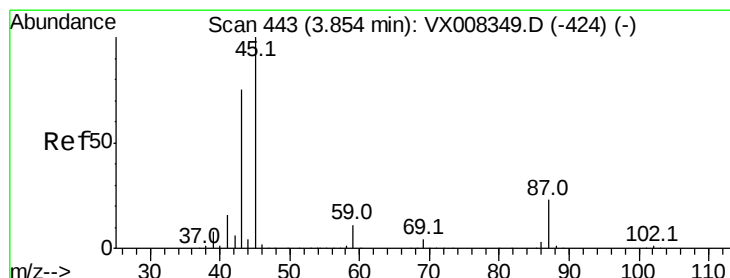
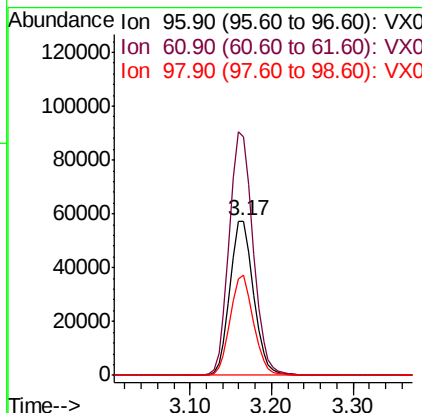
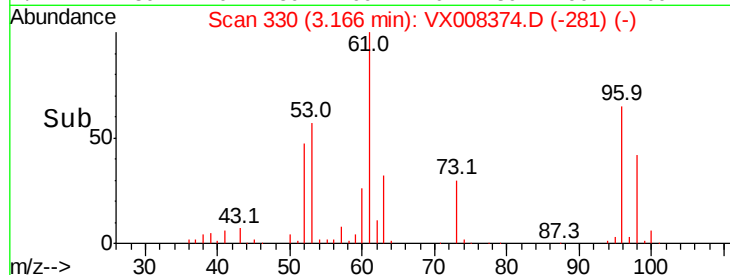
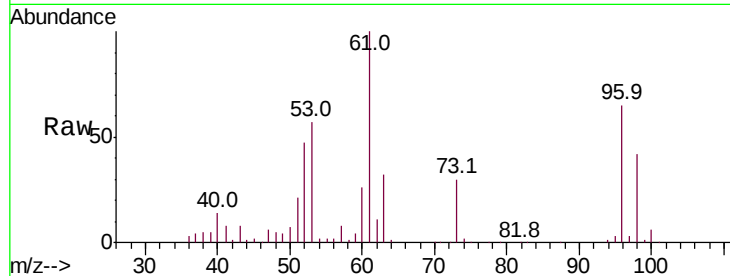
98 64.7 51.1 76.7

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#22

Diisopropyl ether

Concen: 48.536 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Tgt Ion: 45 Resp: 479293

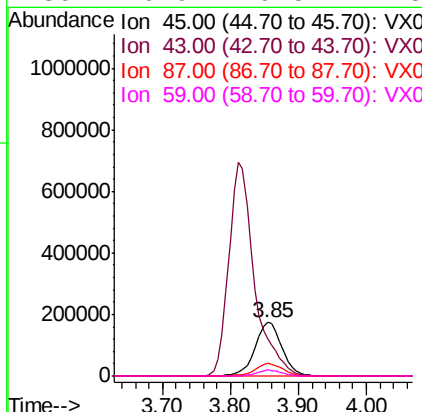
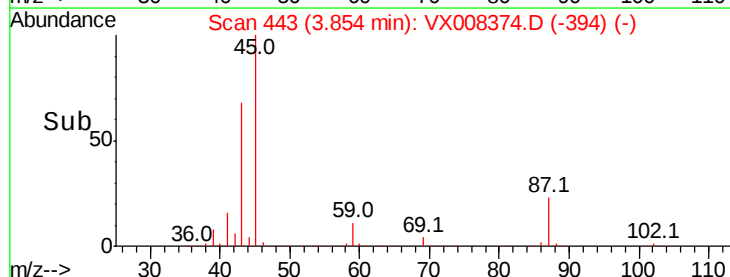
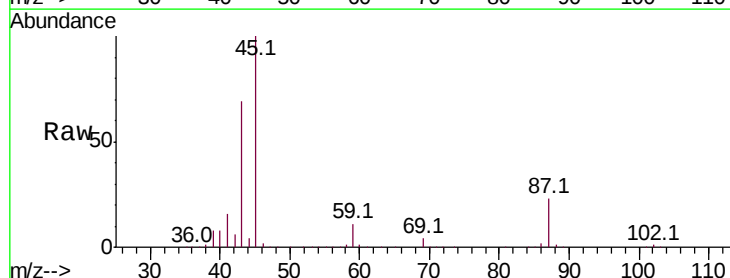
Ion Ratio Lower Upper

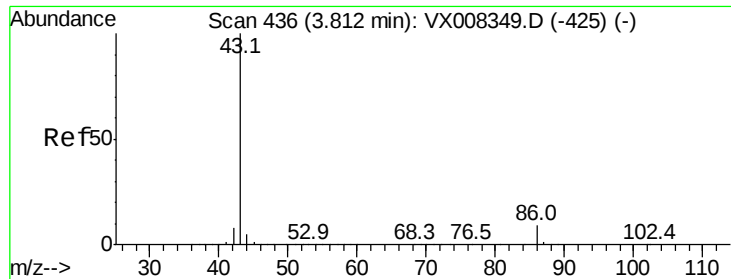
45 100

43 68.5 45.3 67.9#

87 23.2 21.4 32.0

59 10.9 9.5 14.3





#23

Vinyl Acetate

Concen: 208.247 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion: 43 Resp: 1815667

Ion Ratio Lower Upper

43 100

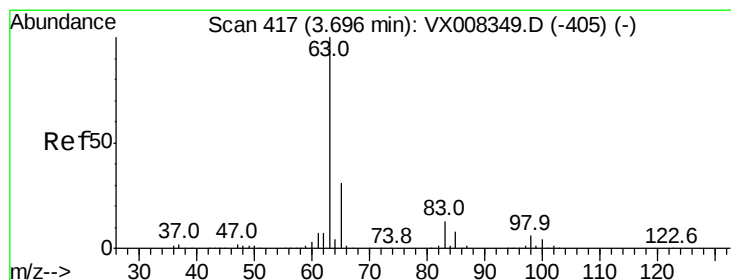
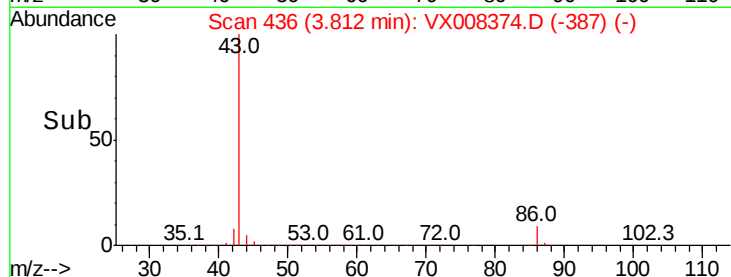
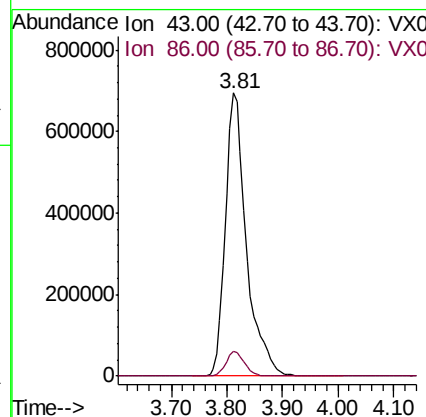
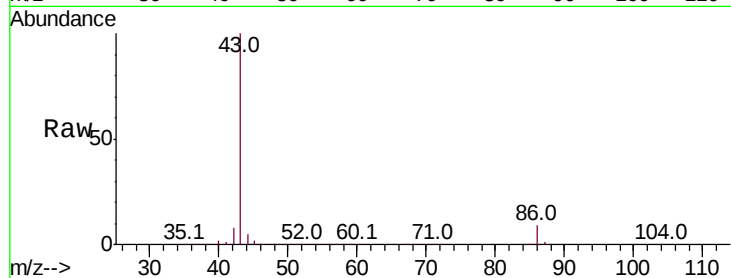
86 8.7 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 48.158 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

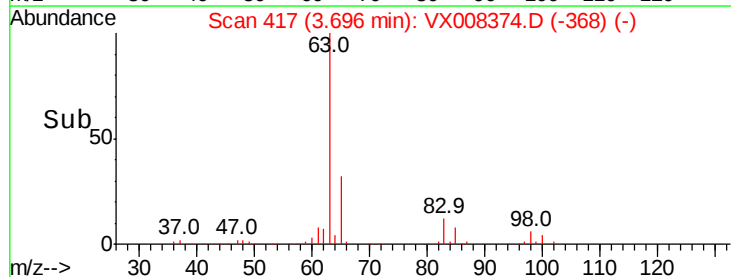
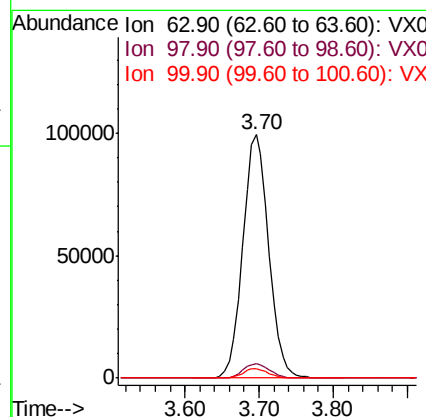
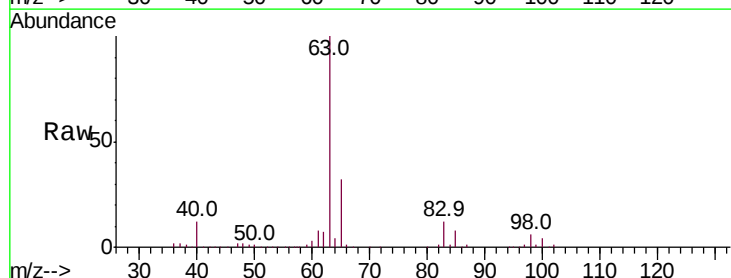
Tgt Ion: 63 Resp: 242465

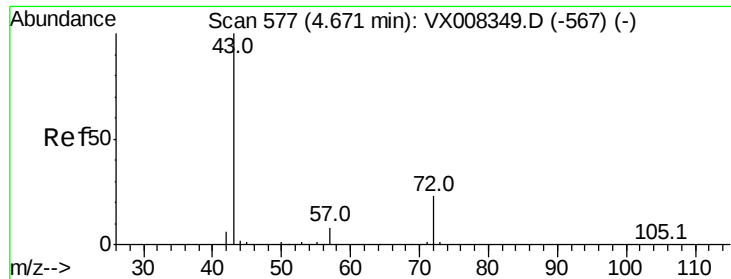
Ion Ratio Lower Upper

63 100

98 5.7 3.3 9.8

100 3.9 2.3 6.8





#25

2-Butanone

Concen: 247.314 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion: 43 Resp: 624902

Ion Ratio Lower Upper

43 100

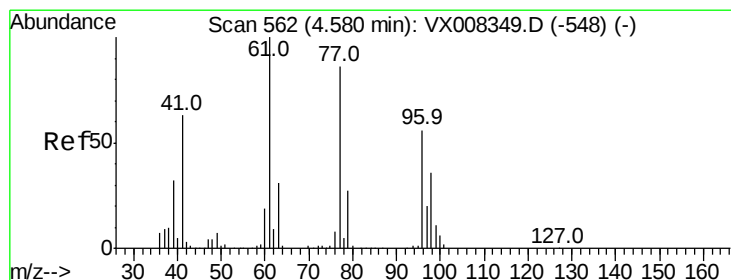
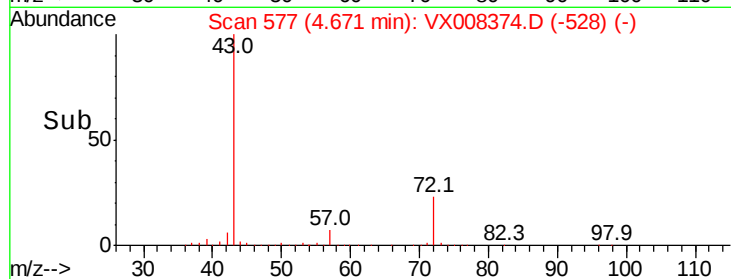
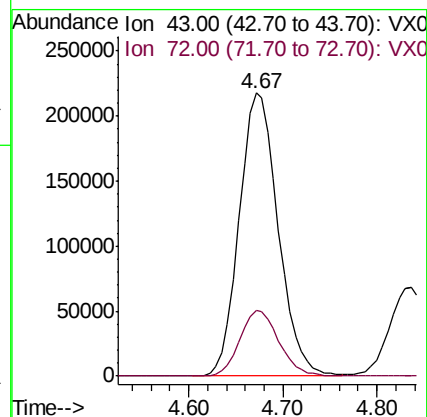
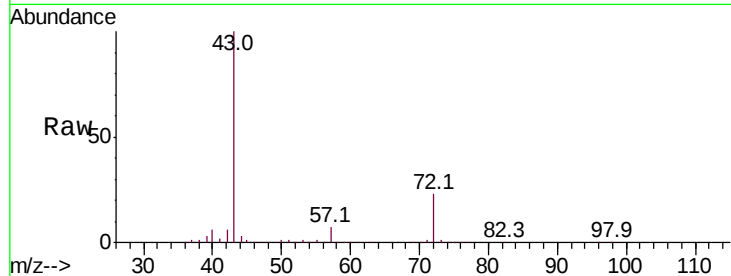
72 23.1 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 37.939 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX008374.D

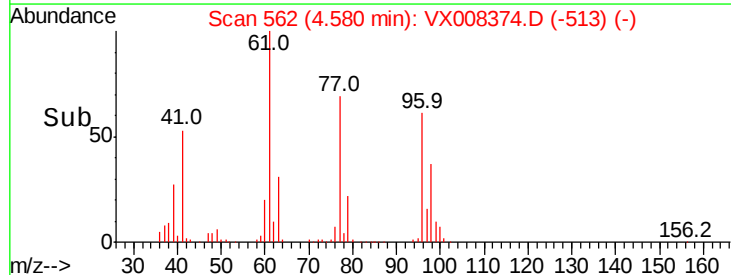
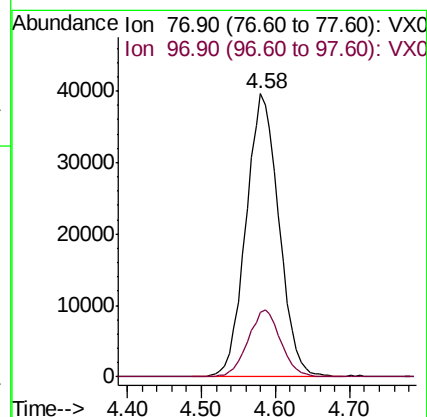
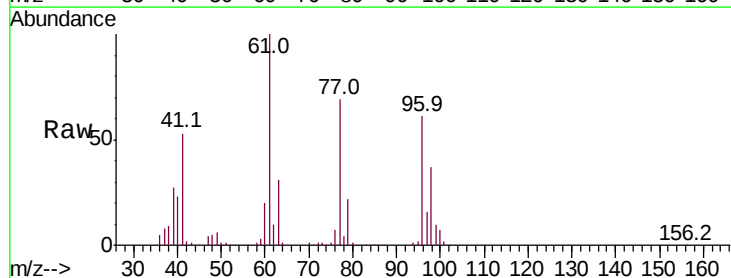
Acq: 24 Mar 2019 00:45

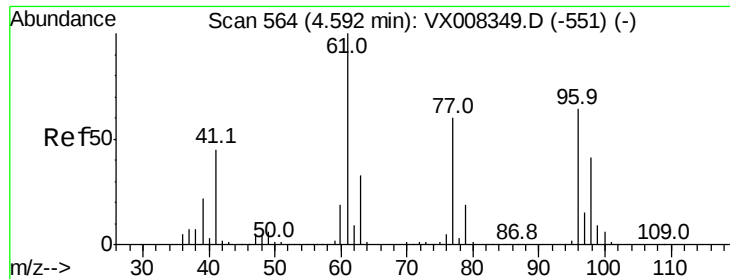
Tgt Ion: 77 Resp: 123065

Ion Ratio Lower Upper

77 100

97 23.6 12.2 36.6





#27

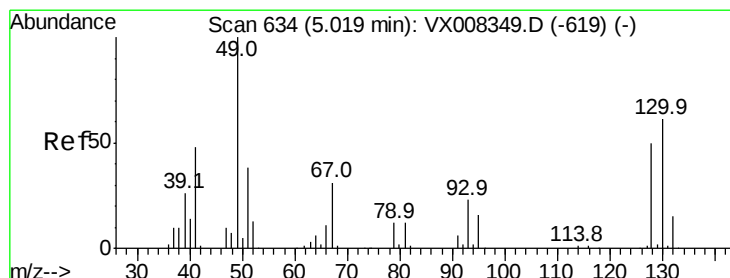
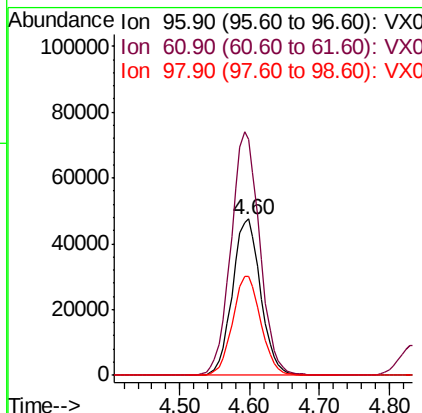
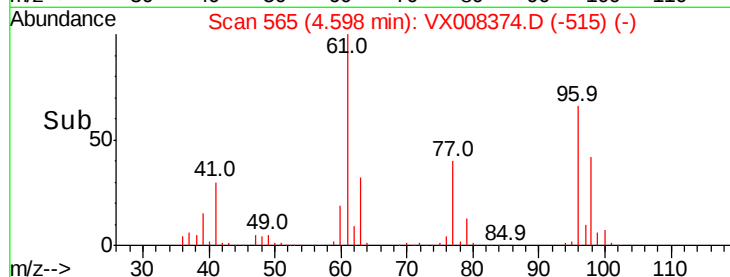
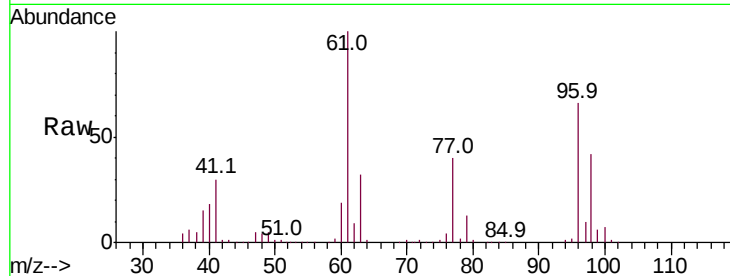
cis-1,2-Dichloroethene
 Concen: 47.038 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

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

Tot Ion	Ratio	Resp	Lower	Upper
96	100	133742		
61	157.9	0.0	288.0	
98	63.5	0.0	129.0	

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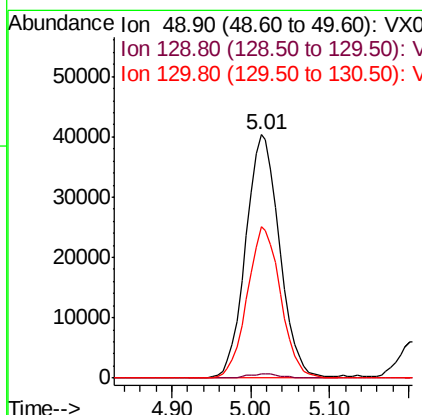
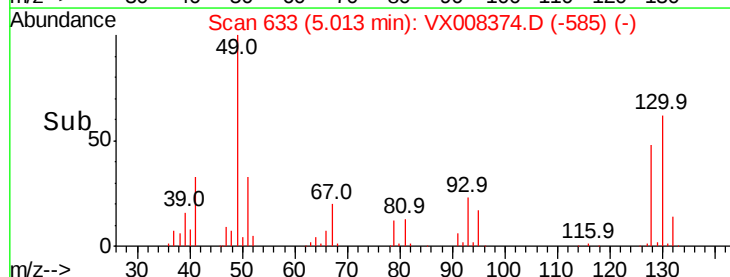
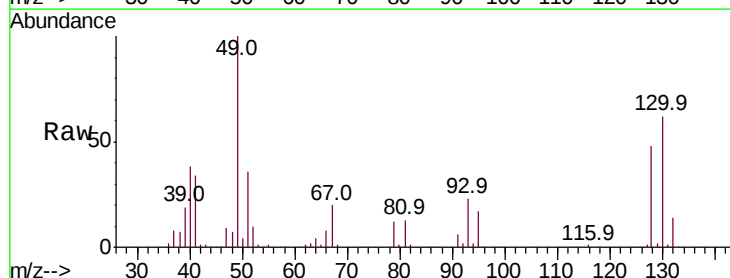
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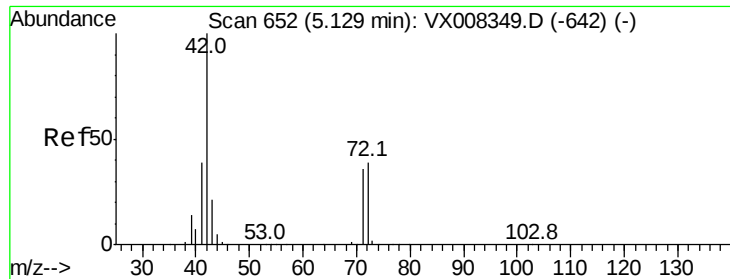


#28

Bromochloromethane
 Concen: 47.995 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	120630		
129	1.8	0.0	4.0	
130	61.3	65.0	97.4#	





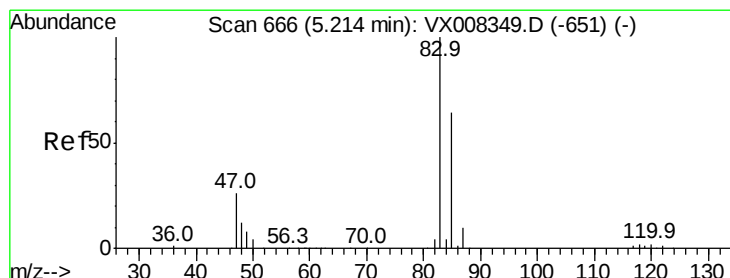
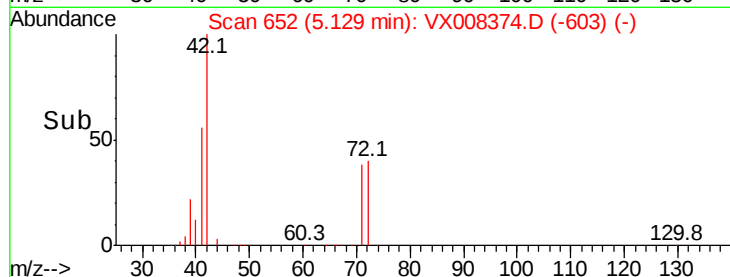
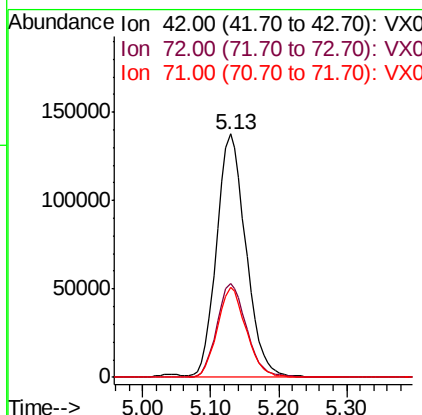
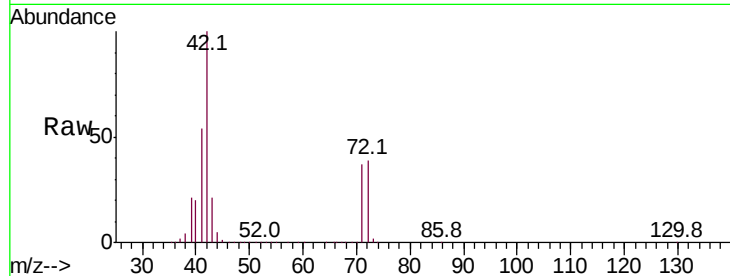
#29
Tetrahydrofuran
Concen: 244.647 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	33.8	50.6
71	36.7	31.5	47.3

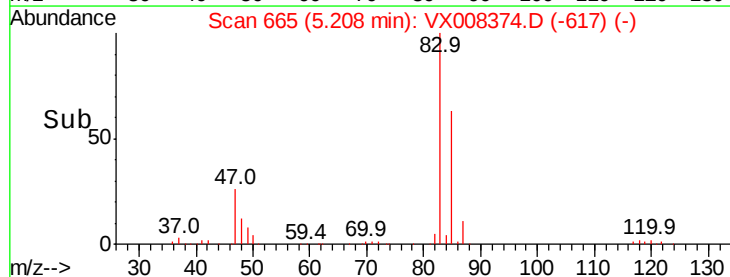
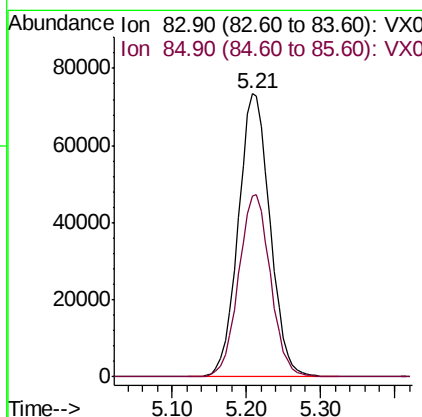
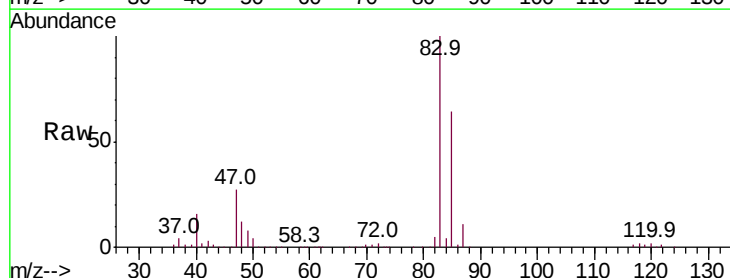
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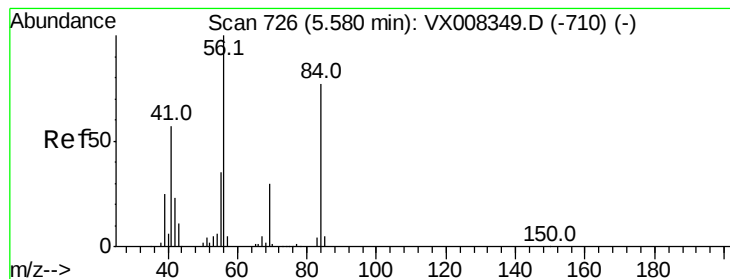
MMDadoda
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#30
Chloroform
Concen: 48.333 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.8	77.6





#31

Cyclohexane

Concen: 47.507 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

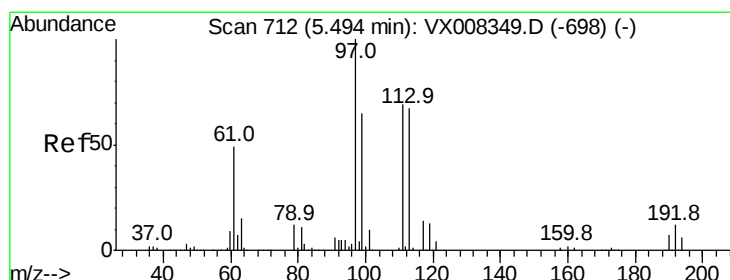
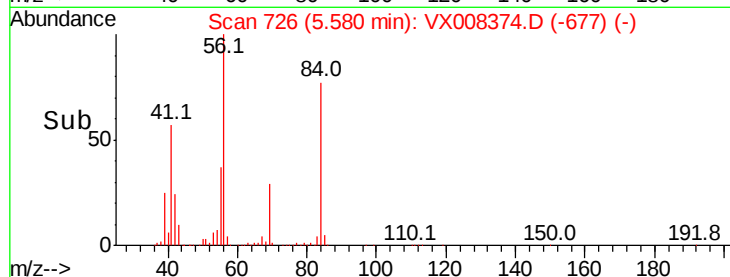
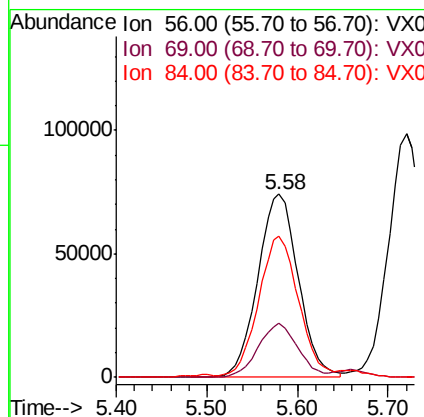
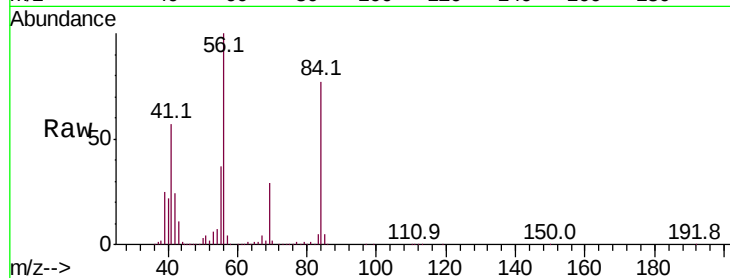
ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion:	56	Resp:	229362
Ion	Ratio	Lower	Upper
56	100		
69	29.3	24.0	36.0
84	75.9	65.3	97.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.768 ug/l

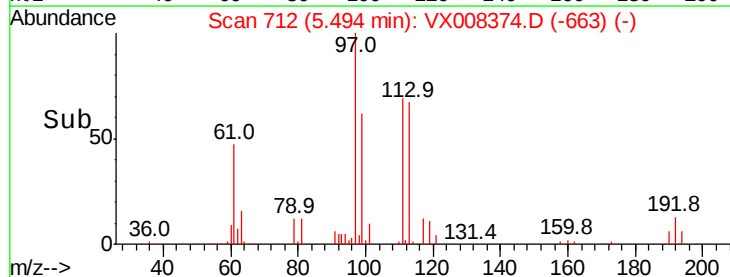
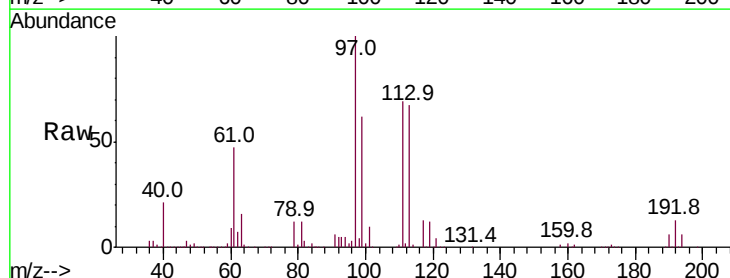
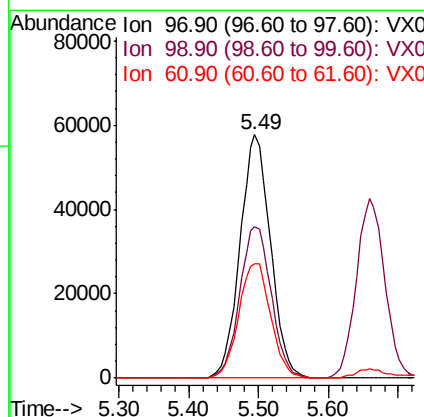
RT: 5.49 min Scan# 712

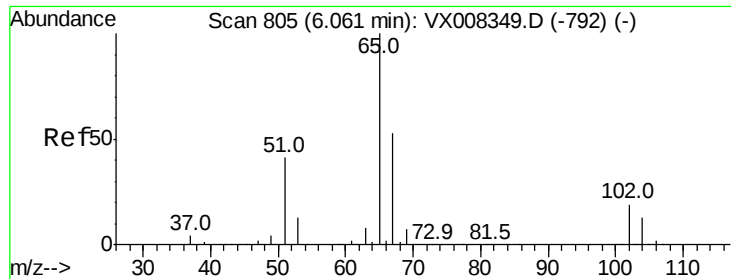
Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Tgt Ion:	97	Resp:	175141
Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.2	78.2
61	49.5	34.9	52.3





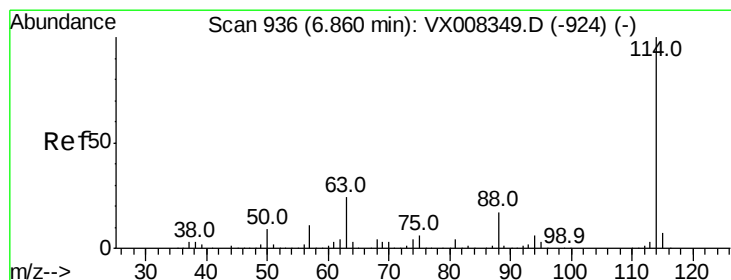
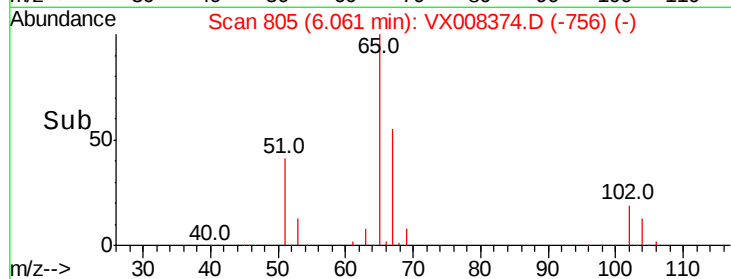
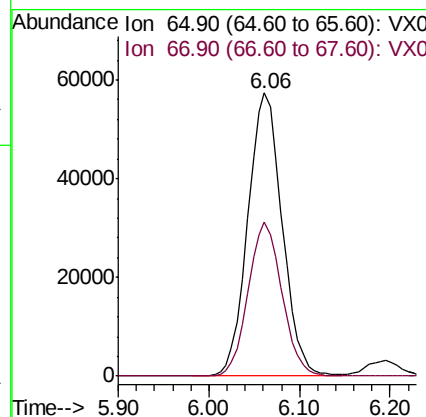
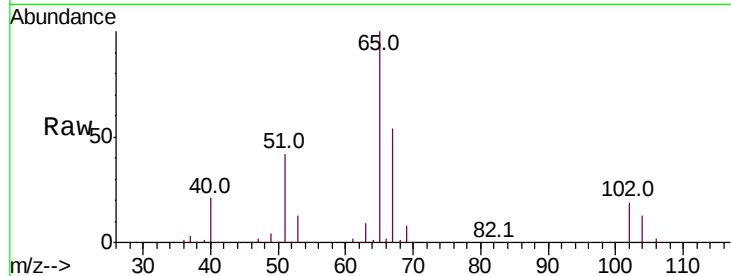
#33
 1,2-Dichloroethane-d4
 Concen: 48.925 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

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

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	110.0

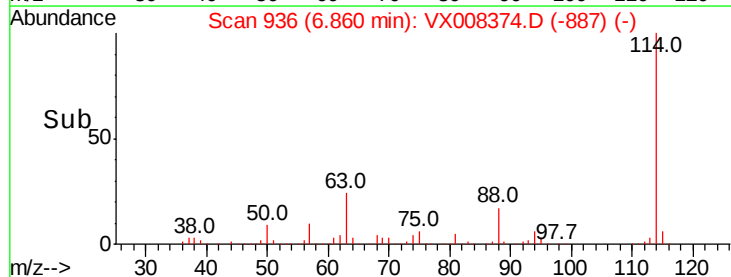
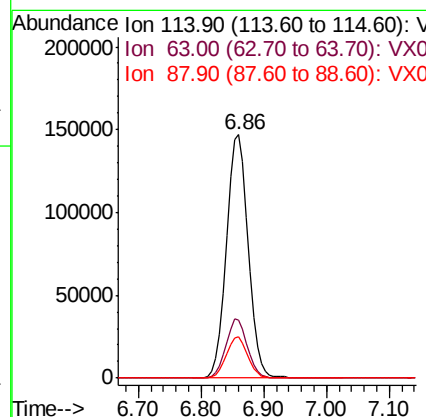
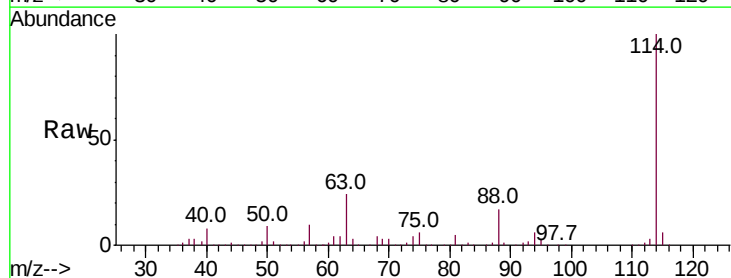
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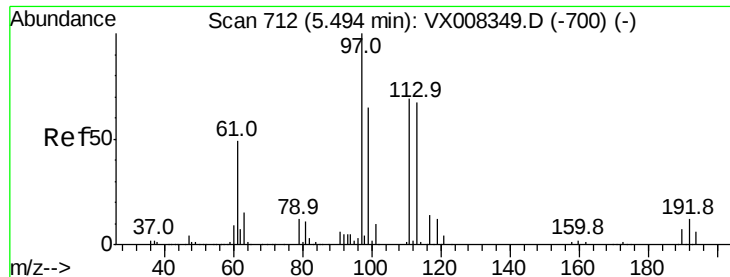
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	39.8
88	16.7	0.0	31.4





#35

Dibromofluoromethane

Concen: 48.840 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

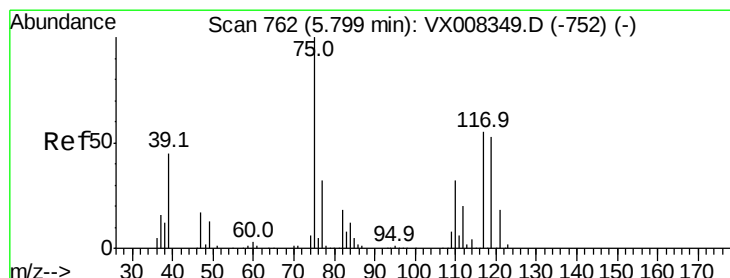
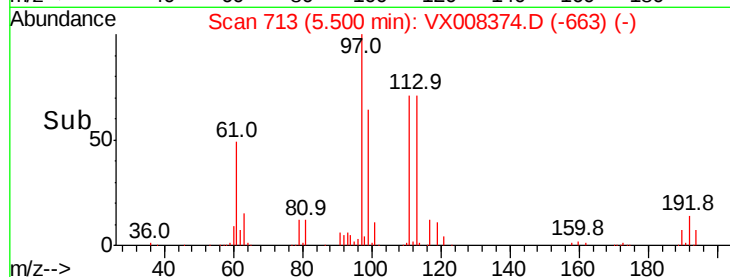
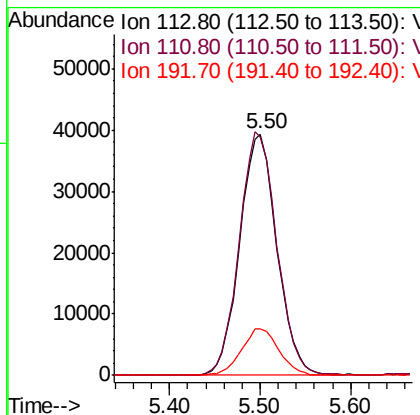
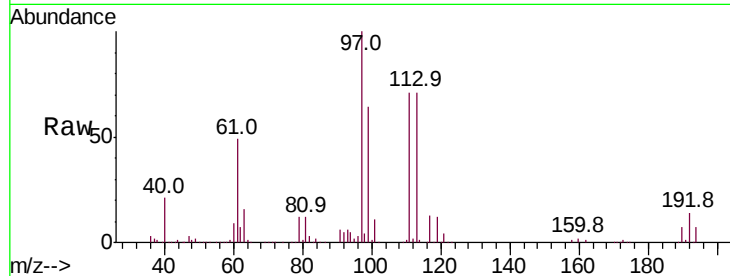
ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion:	113	Resp:	111553
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.4	122.0
192	19.6	19.4	29.0

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#36

1,1-Dichloropropene

Concen: 47.719 ug/l

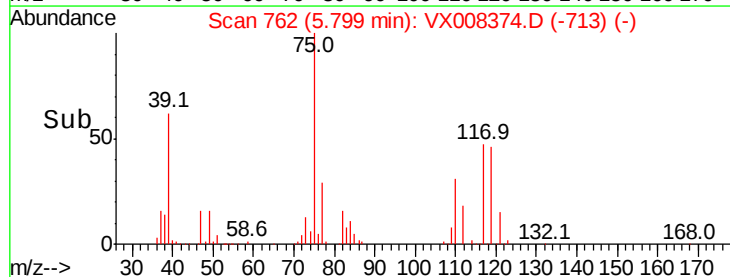
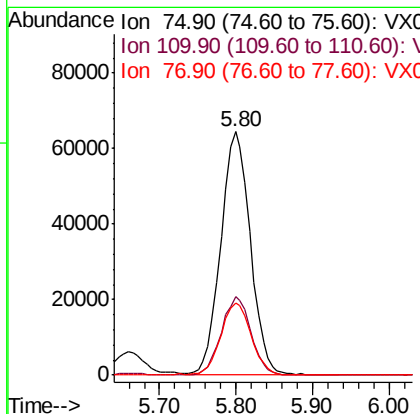
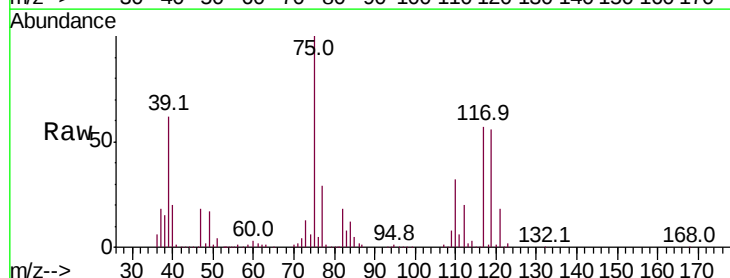
RT: 5.80 min Scan# 762

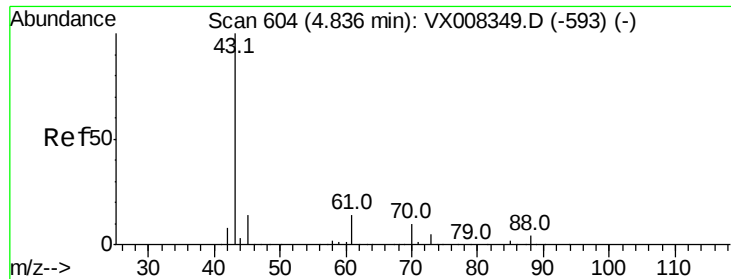
Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Tgt Ion:	75	Resp:	171904
Ion Ratio	Lower	Upper	
75	100		
110	32.3	18.4	55.0
77	30.3	25.0	37.4





#37

Ethyl Acetate

Concen: 41.792 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

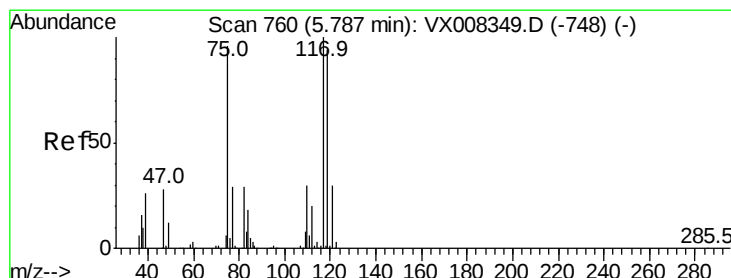
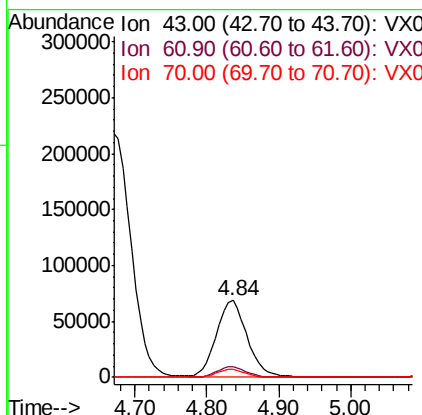
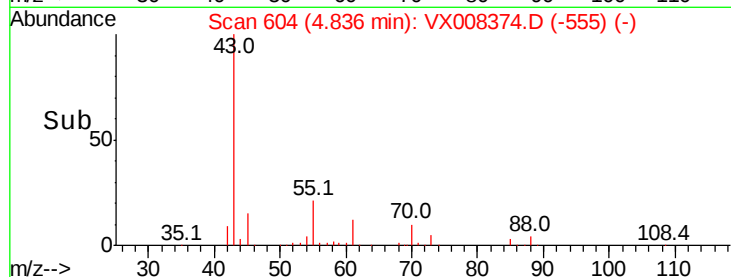
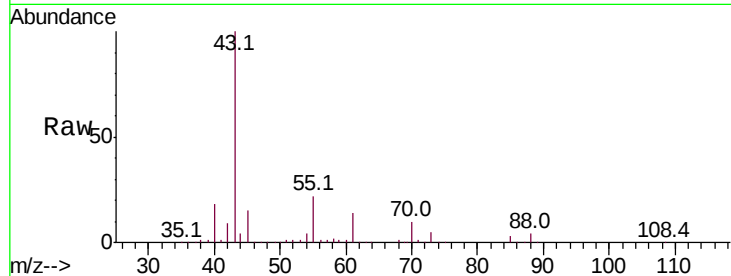
Instrument :
MSVOA_X

ClientSampleId :
BPS1-TT-MW309D-20190313MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.3	16.9
70	9.6	8.5	12.7

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#38

Carbon Tetrachloride

Concen: 47.060 ug/l

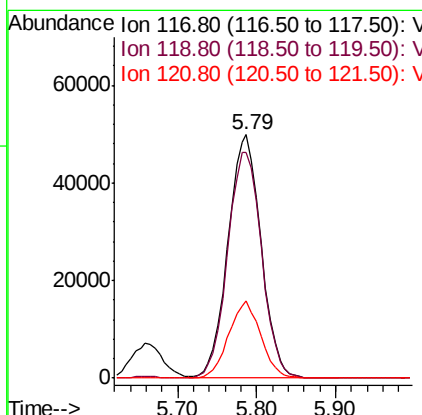
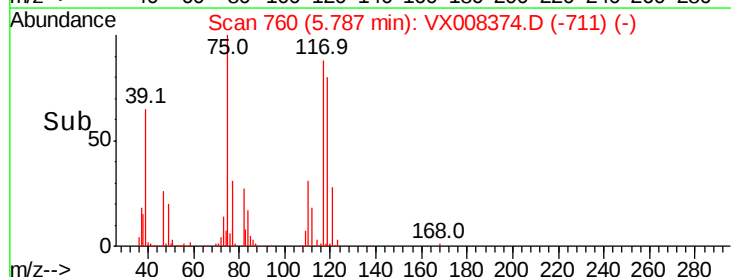
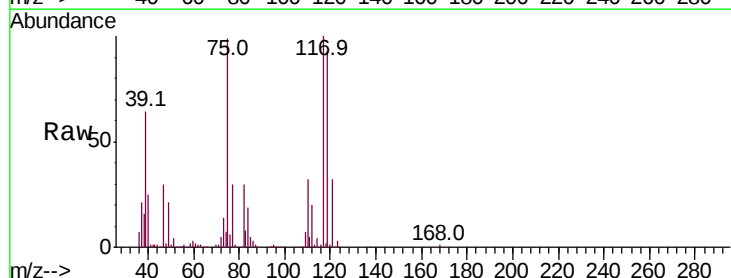
RT: 5.79 min Scan# 760

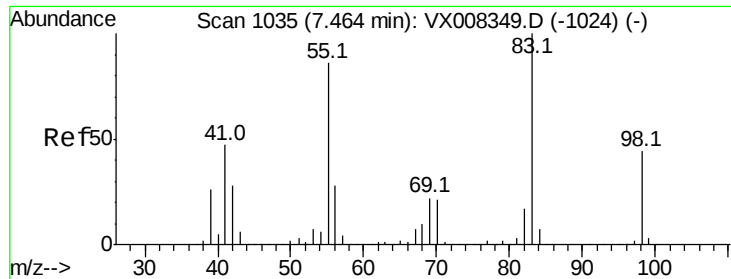
Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.2	114.2
121	31.6	24.6	36.8





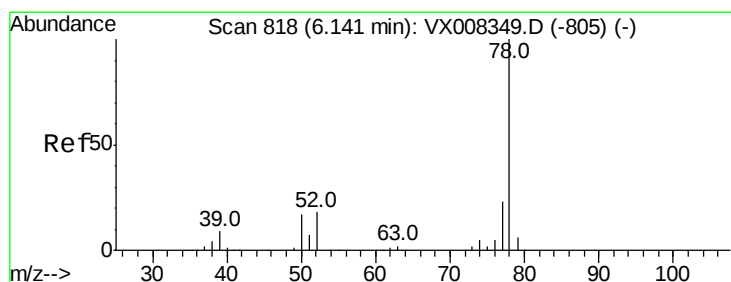
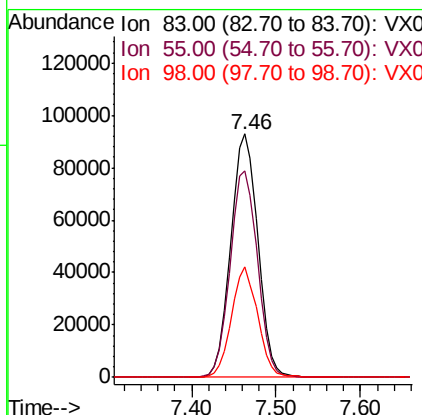
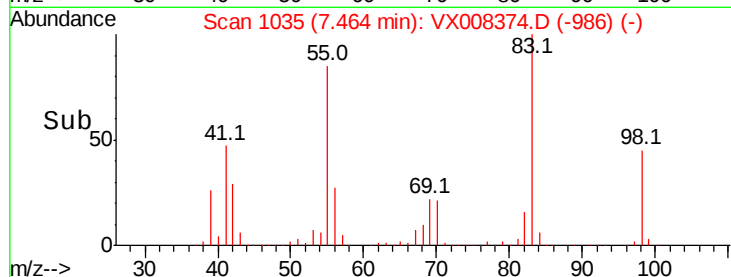
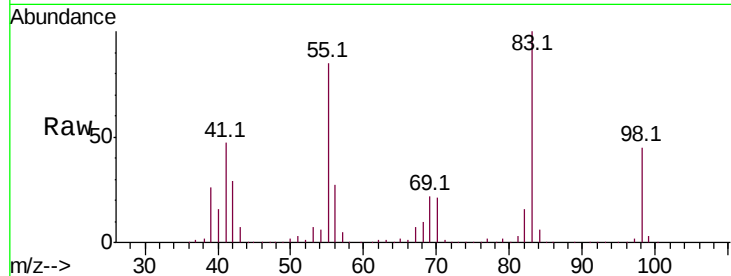
#39
Methvlcvclohexane
Concen: 45.826 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.9	60.4	90.6
98	45.4	36.5	54.7

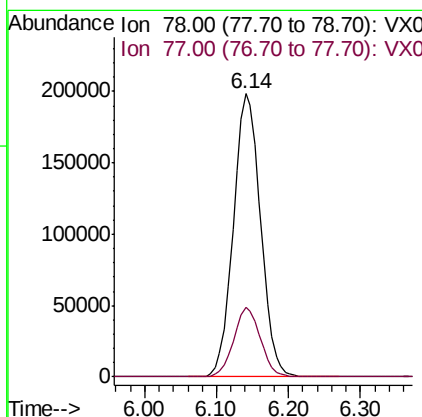
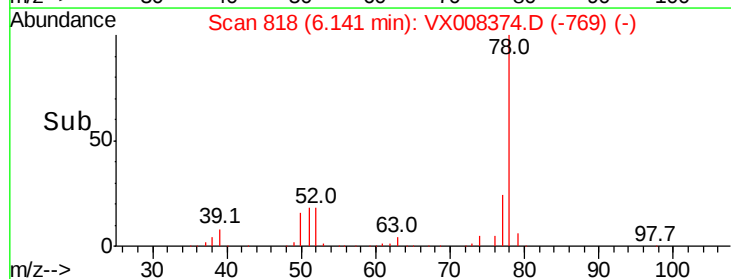
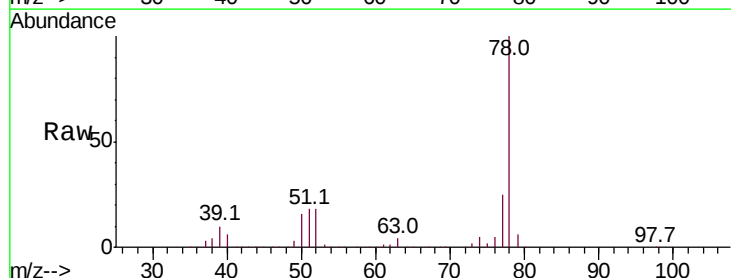
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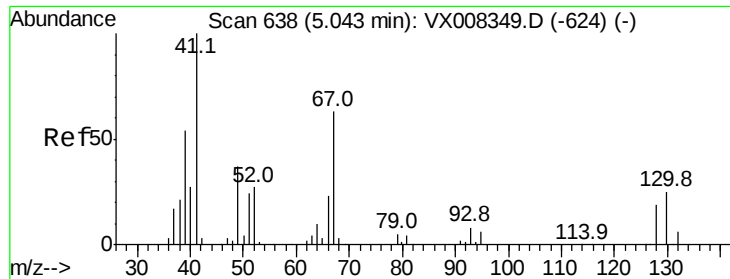
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#40
Benzene
Concen: 47.349 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4





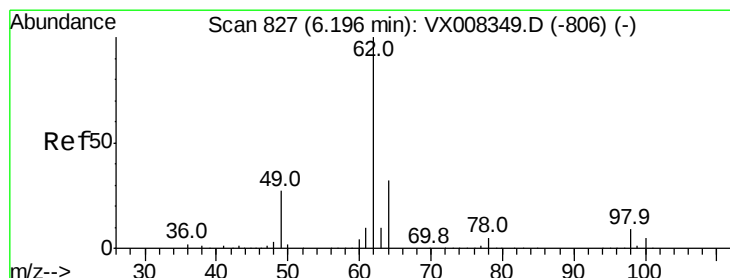
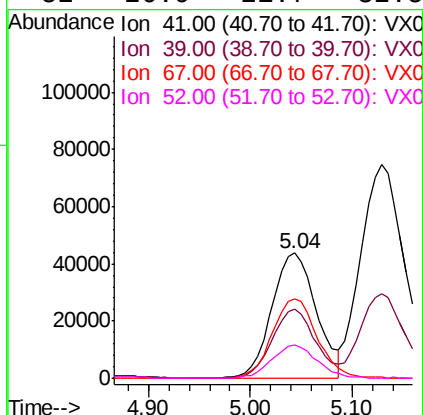
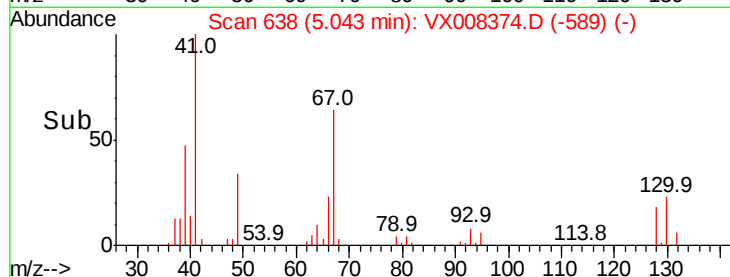
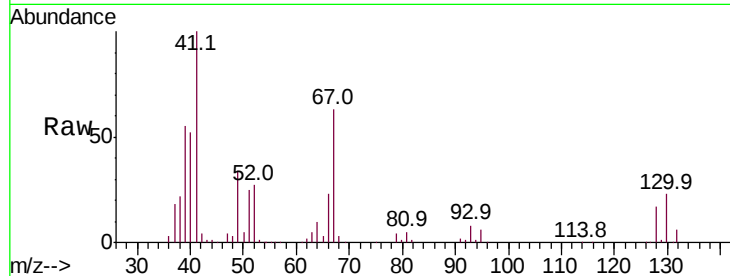
#41
Methacrylonitrile
Concen: 49.804 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

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

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.6	41.6	62.4
67	64.2	55.8	83.6
52	26.9	21.7	32.5

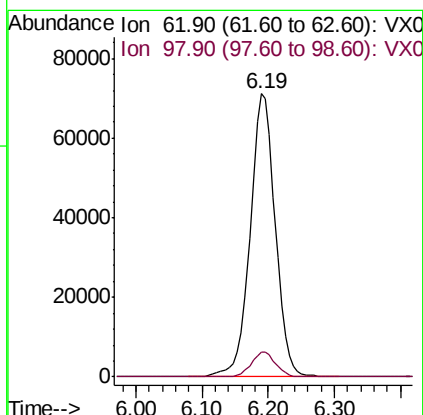
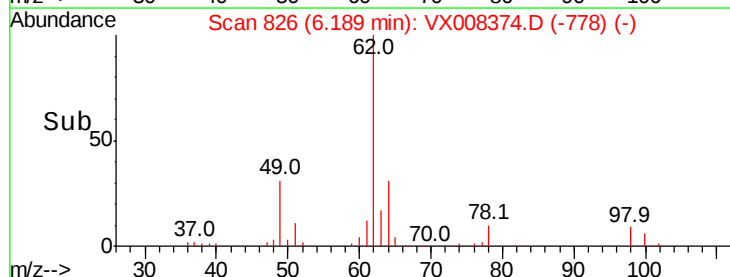
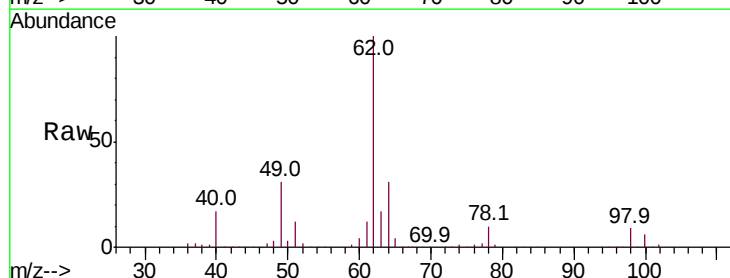
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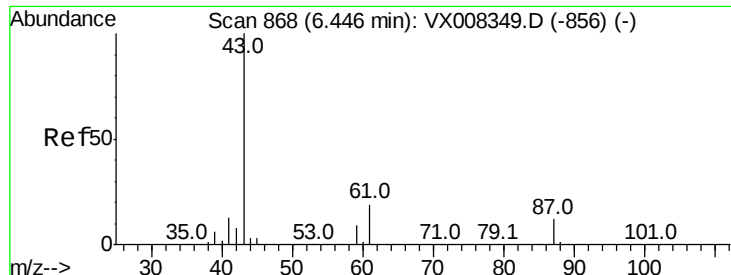
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#42
1,2-Dichloroethane
Concen: 47.271 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	20.4





#43

Isopropyl Acetate

Concen: 44.429 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

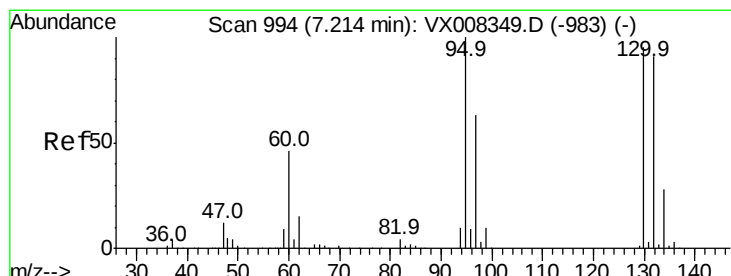
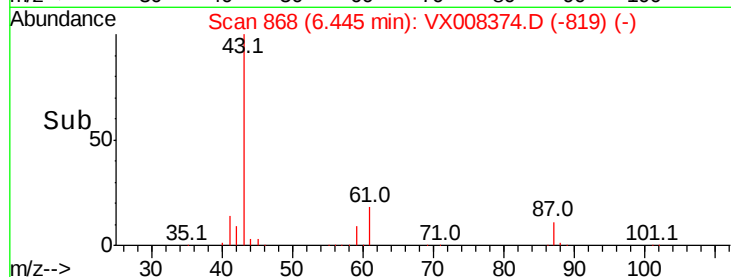
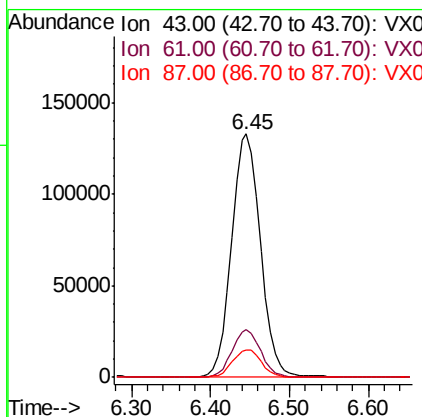
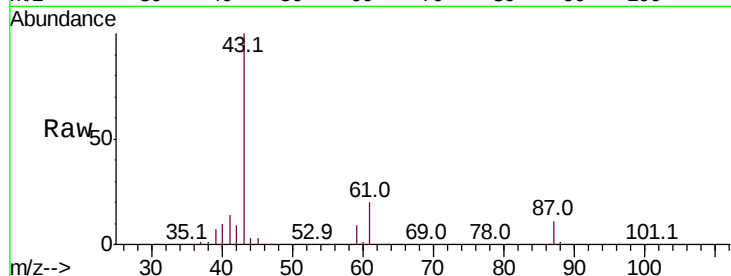
ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion:	43	Resp:	337305
Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.3	24.5
87	11.5	10.5	15.7

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#44

Trichloroethene

Concen: 46.233 ug/l

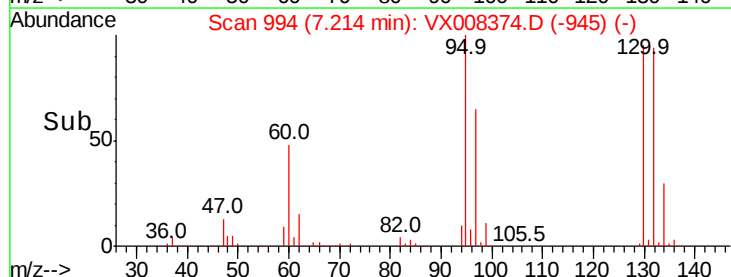
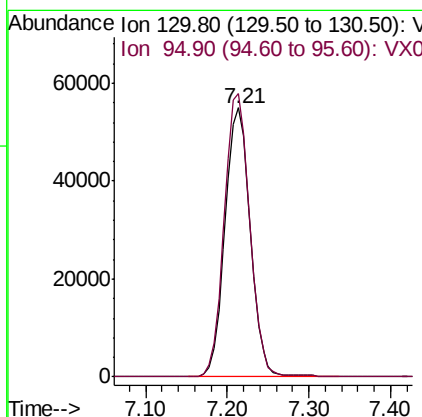
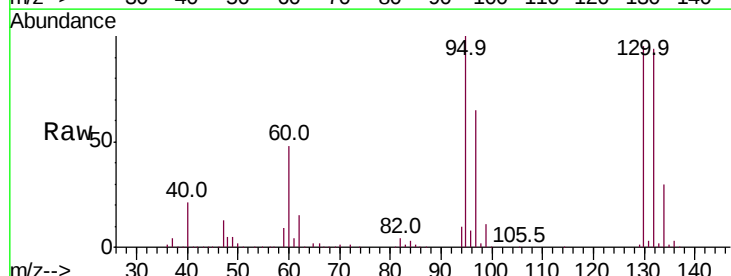
RT: 7.21 min Scan# 994

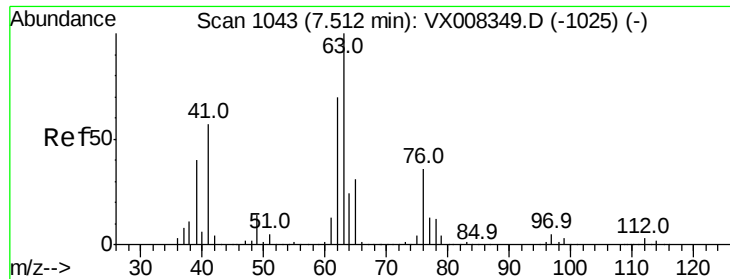
Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Tgt Ion:	130	Resp:	117787
Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	188.0





#45

1,2-Dichloropropane

Concen: 47.834 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion: 63 Resp: 148563

Ion Ratio Lower Upper

63 100

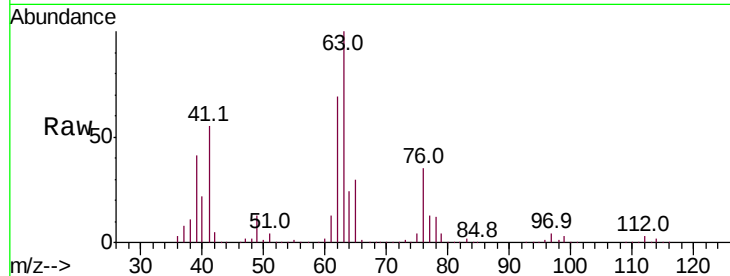
65 30.0 24.7 37.1

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

80000

60000

40000

20000

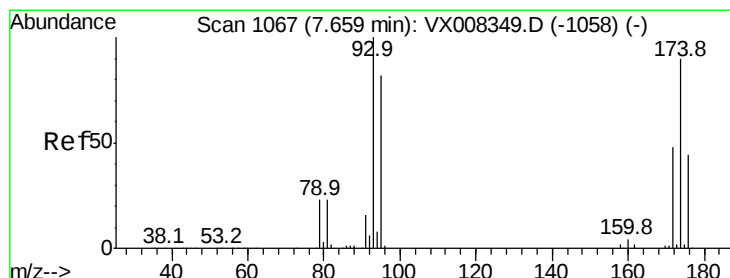
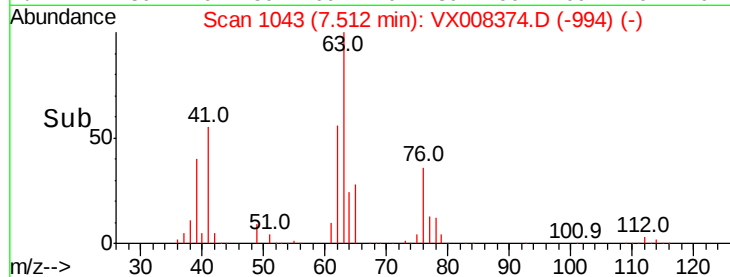
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 46.629 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

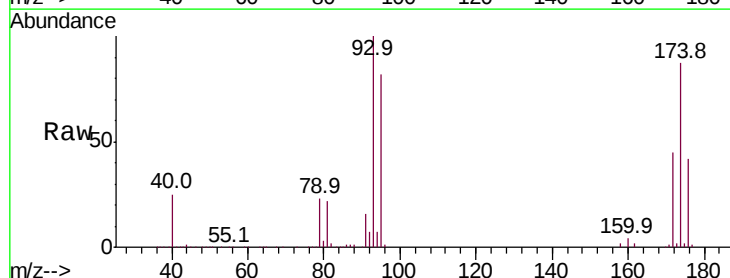
Tgt Ion: 93 Resp: 85945

Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

174 91.3 97.3 145.9#



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

60000

50000

40000

30000

20000

10000

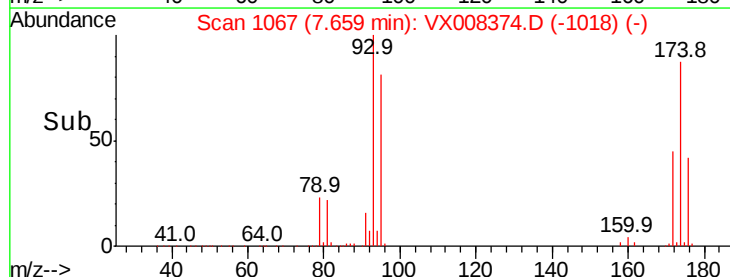
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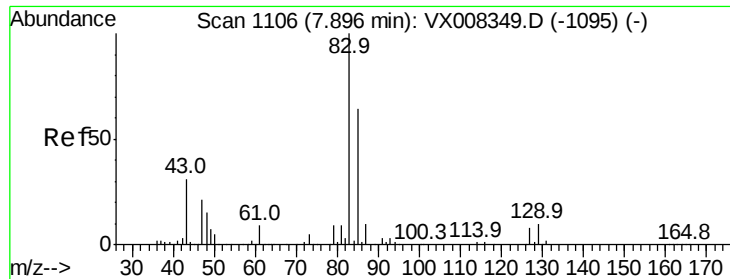
Time-->

7.60

7.70

7.80





#47

Bromodichloromethane

Concen: 47.911 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

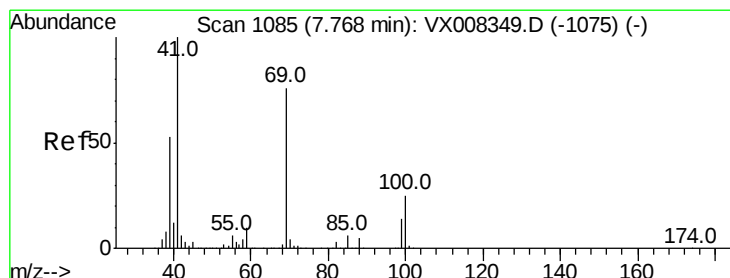
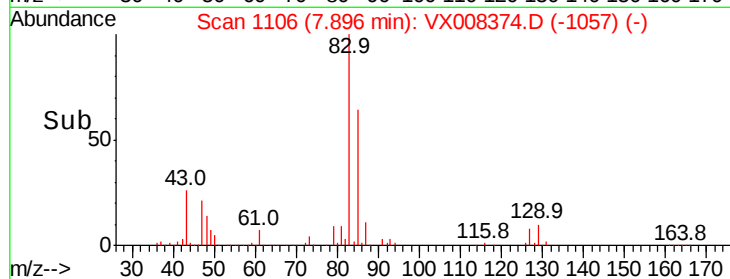
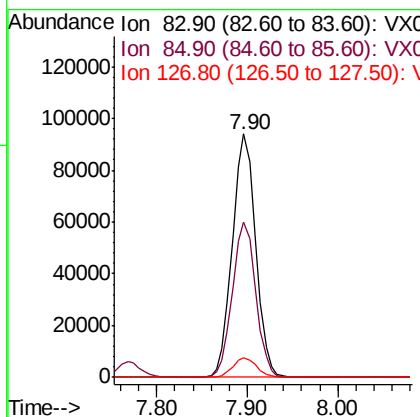
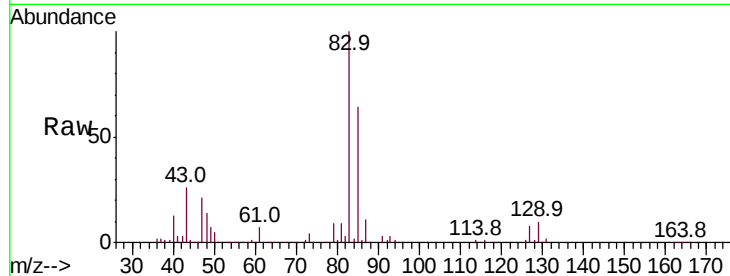
ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion:	83	Resp:	168438
Ion Ratio	Lower	Upper	
83	100		
85	63.7	50.9	76.3
127	8.3	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.155 ug/l

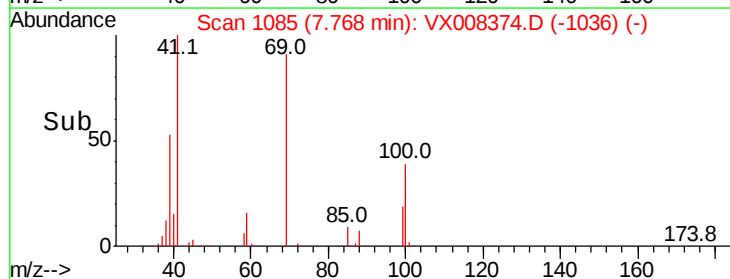
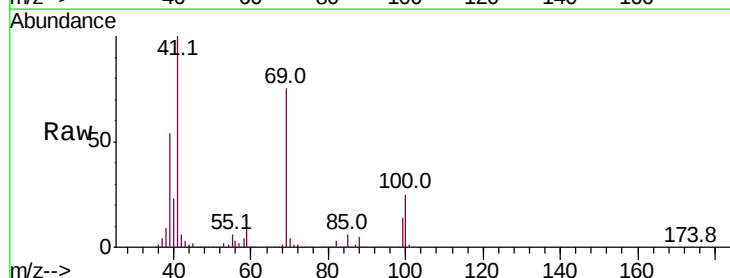
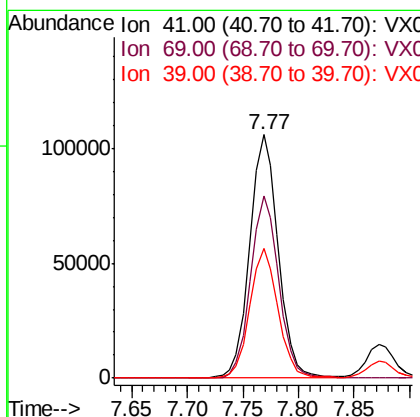
RT: 7.77 min Scan# 1085

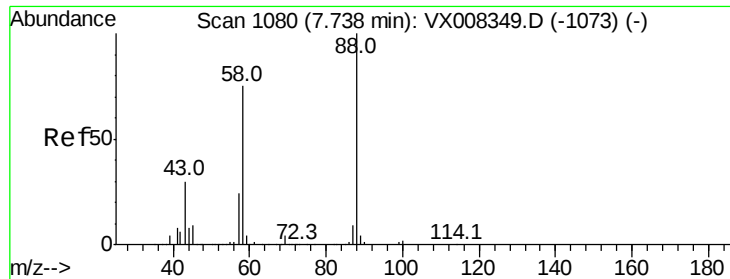
Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Tgt Ion:	41	Resp:	188308
Ion Ratio	Lower	Upper	
41	100		
69	75.0	65.2	97.8
39	52.8	39.4	59.2





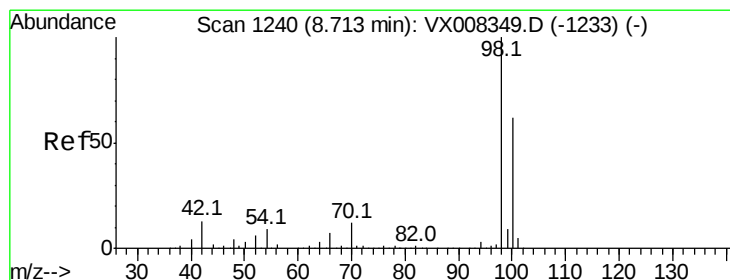
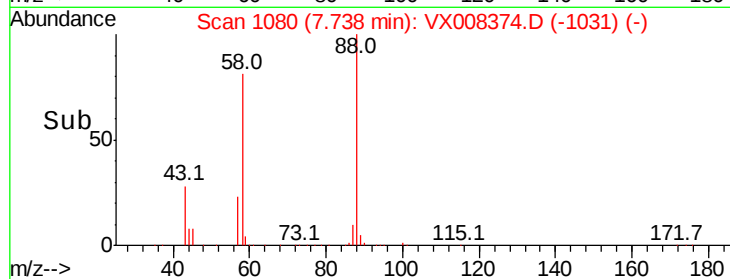
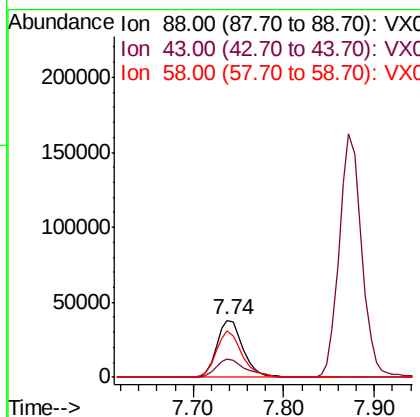
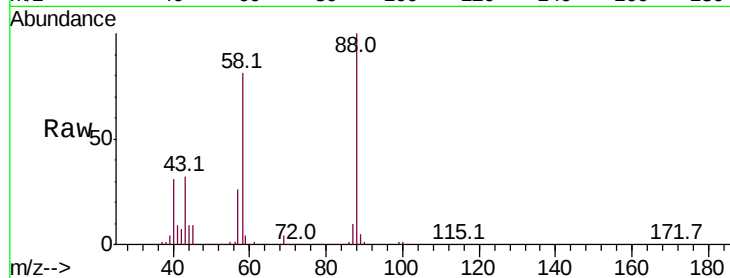
#49
1,4-Dioxane
Concen: 996.639 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	25.1	37.7
58	79.0	57.8	86.6

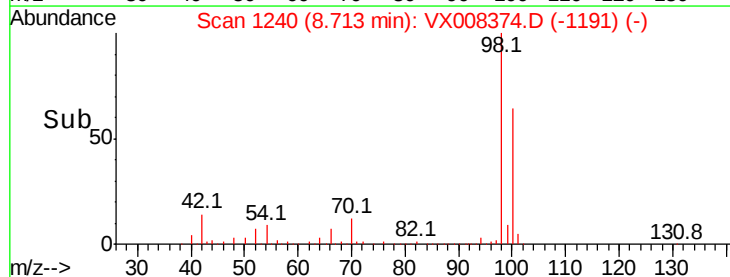
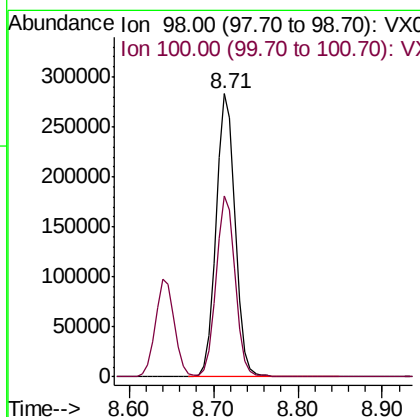
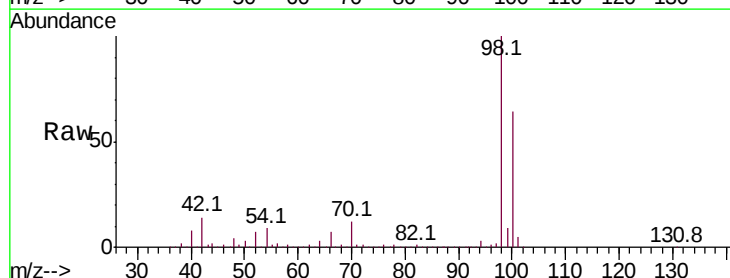
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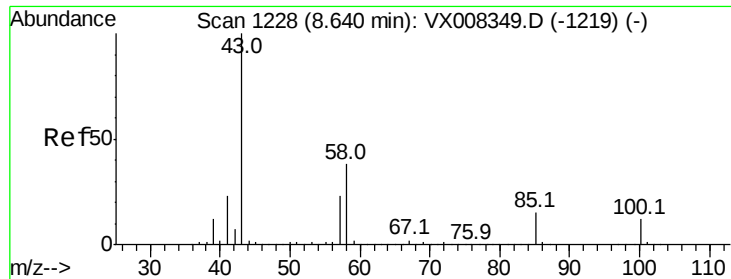
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#50
Toluene-d8
Concen: 49.288 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 249.271 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Tot Ion: 43 Resp: 1241662

Ion Ratio Lower Upper

43 100

58 37.5 31.3 46.9

Instrument :

MSVOA_X

ClientSampleId :

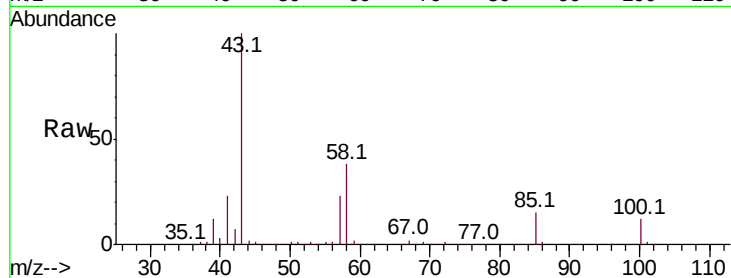
BPS1-TT-MW309D-20190313MS

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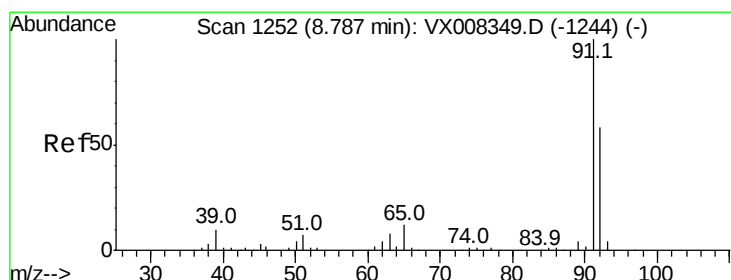
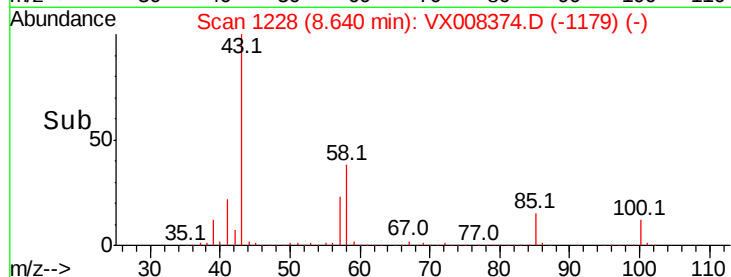
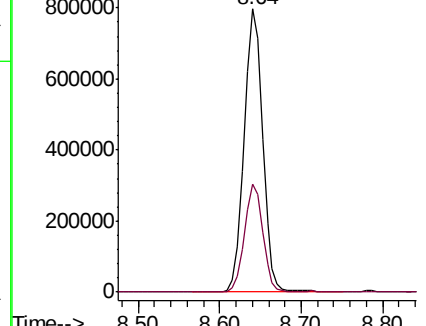
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.608 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008374.D

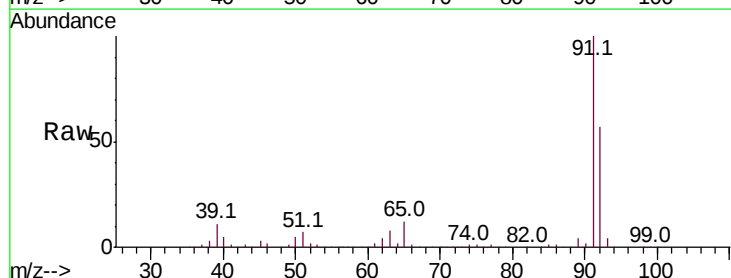
Acq: 24 Mar 2019 00:45

Tgt Ion: 92 Resp: 312697

Ion Ratio Lower Upper

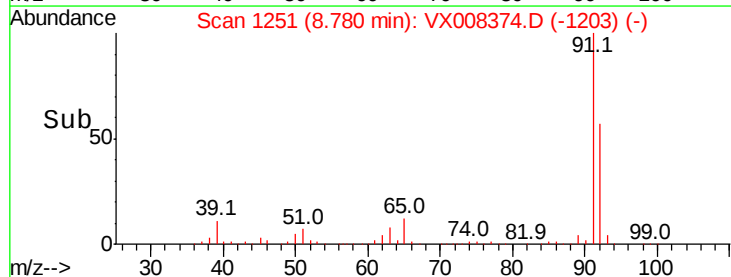
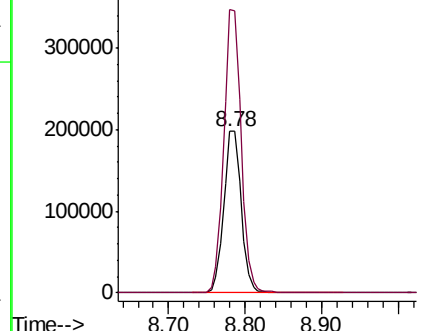
92 100

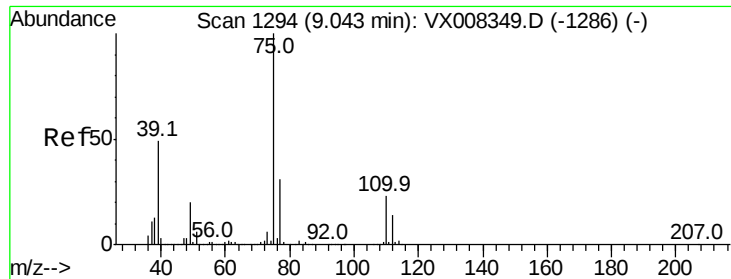
91 174.7 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





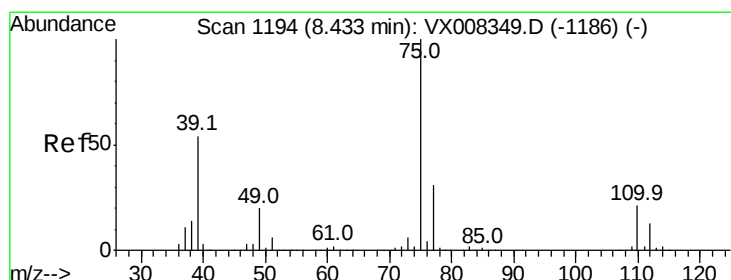
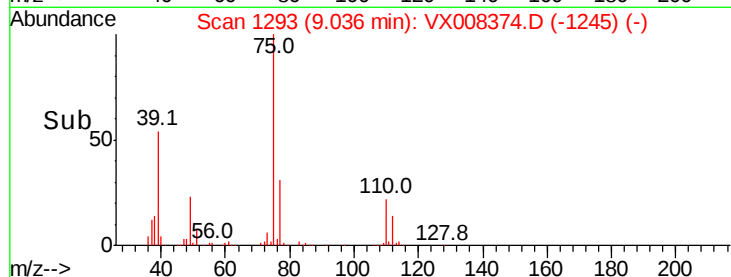
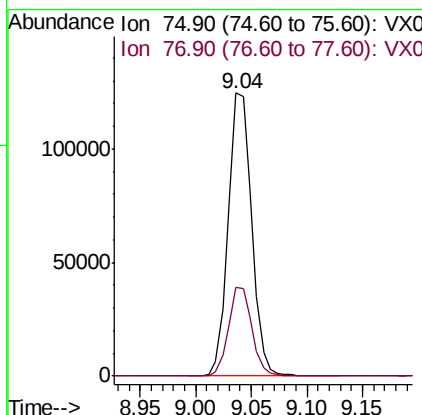
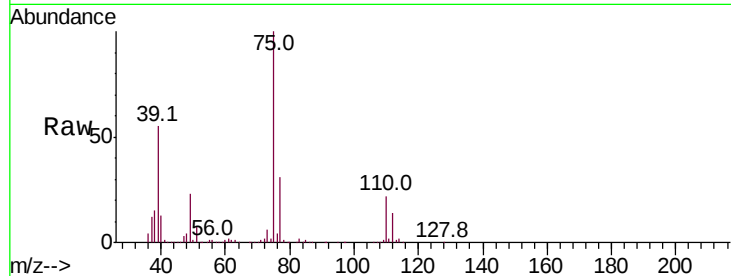
#53
t-1,3-Dichloropropene
Concen: 48.270 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

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

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.0

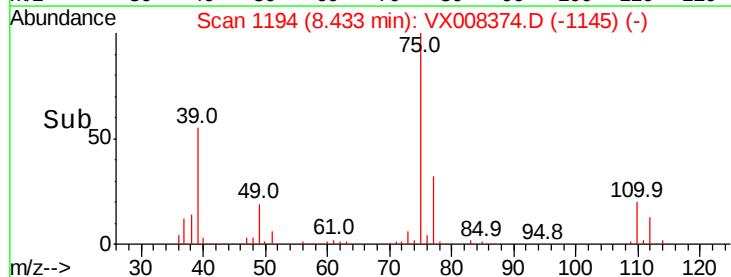
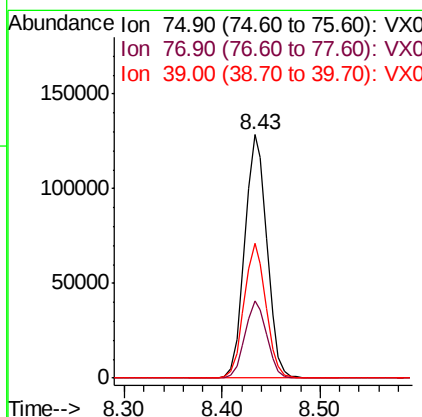
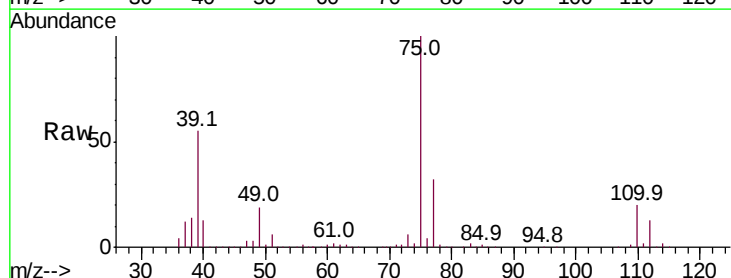
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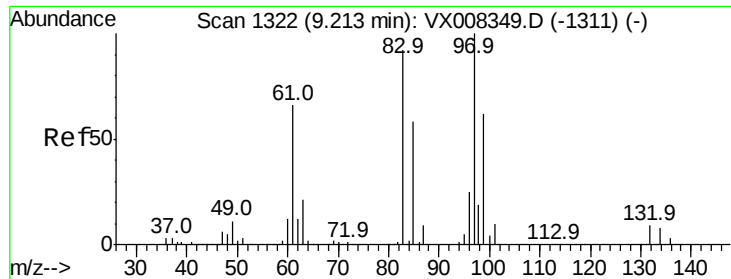
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#54
cis-1,3-Dichloropropene
Concen: 47.162 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.0	37.6
39	55.2	36.6	54.8#





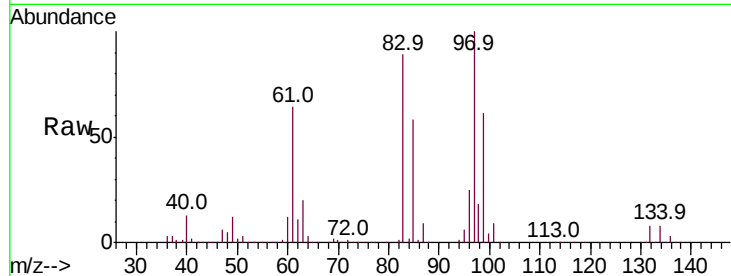
#55
 1,1,2-Trichloroethane
 Concen: 47.482 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

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

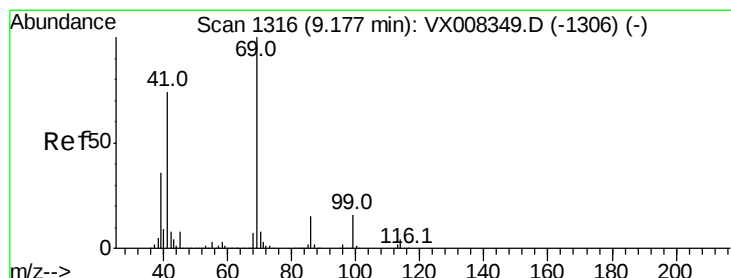
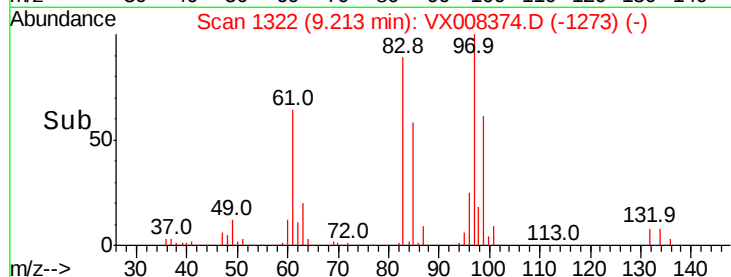
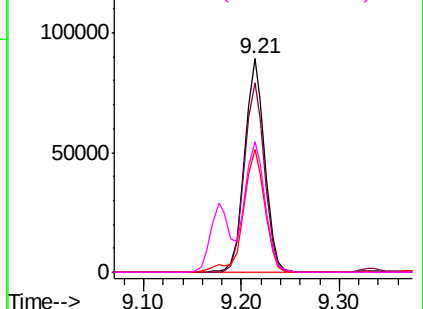
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		126876		
83	88.9	69.1	103.7		
85	57.8	44.3	66.5		
99	61.0	49.8	74.8		

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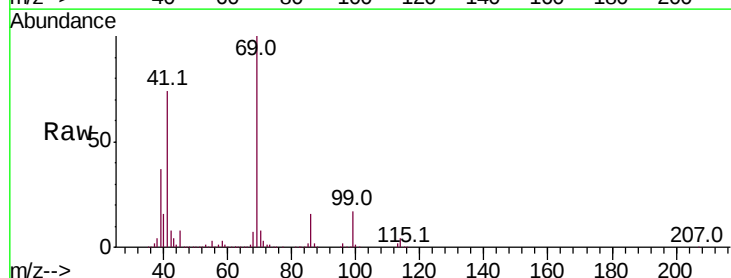


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

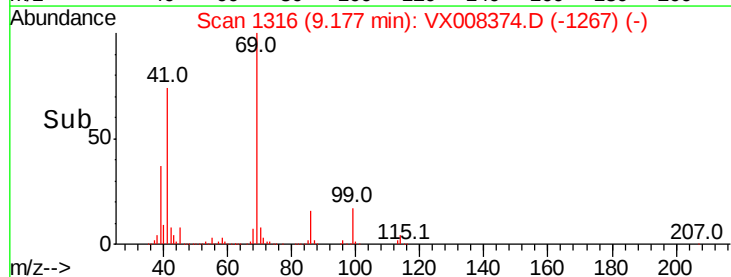
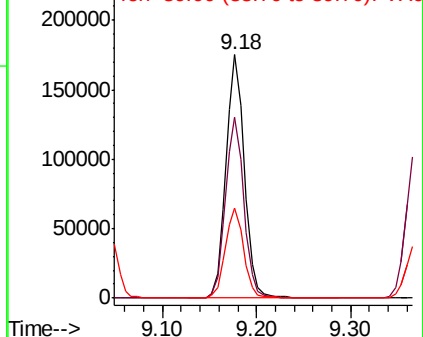


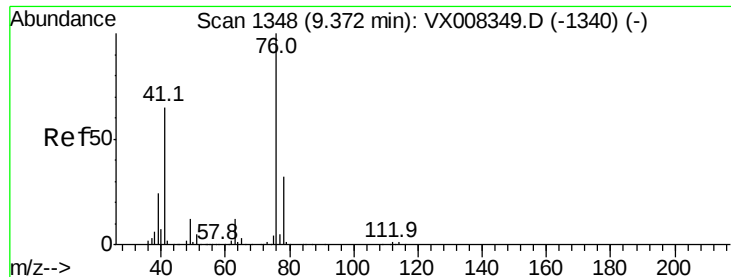
#56
 Ethyl methacrylate
 Concen: 50.199 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		237468		
41	74.3	54.2	81.4		
39	36.9	25.0	37.4		



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.643 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion: 76 Resp: 226794

Ion Ratio Lower Upper

76 100

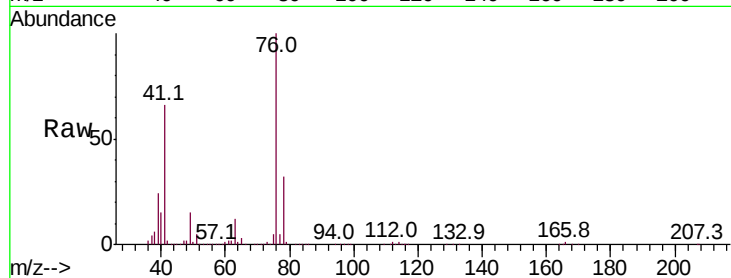
78 32.0 25.5 38.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

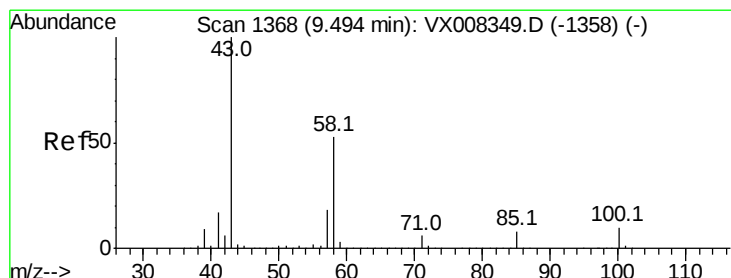
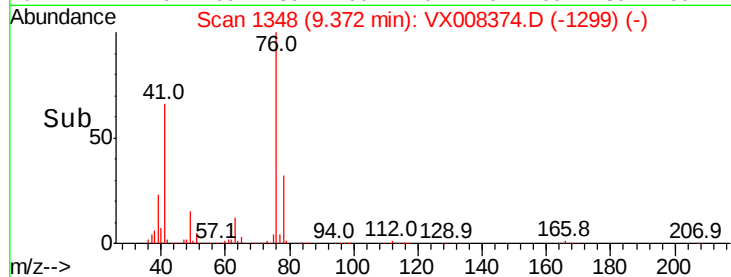
100000

50000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 255.936 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX008374.D

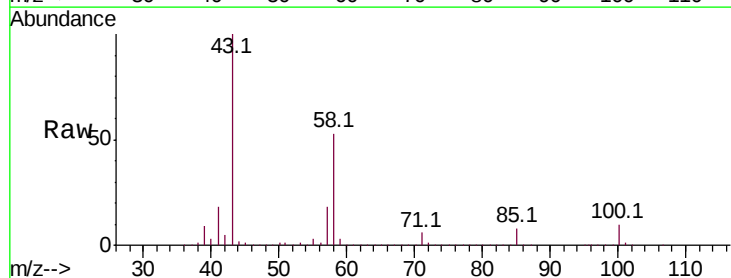
Acq: 24 Mar 2019 00:45

Tgt Ion: 43 Resp: 978658

Ion Ratio Lower Upper

43 100

58 52.2 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

800000

600000

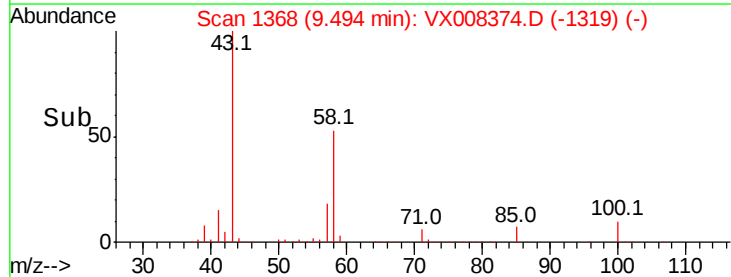
400000

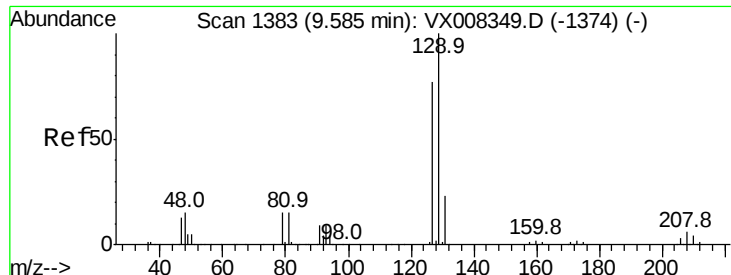
200000

0

9.40 9.50 9.60

Time-->





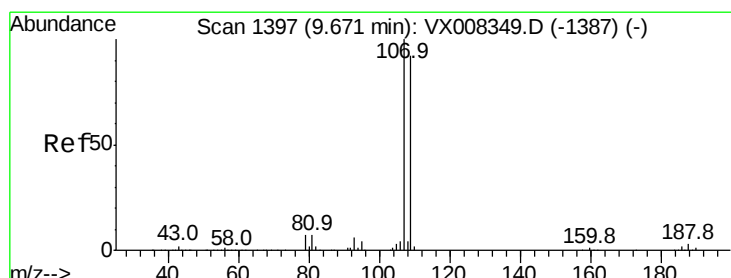
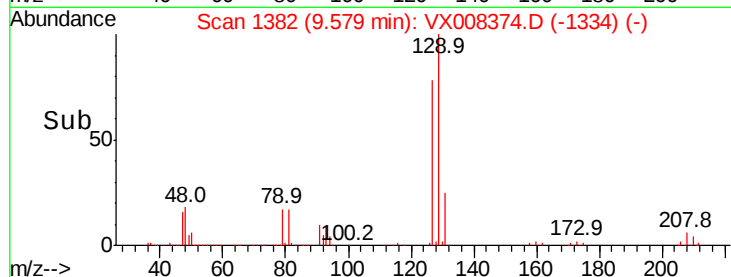
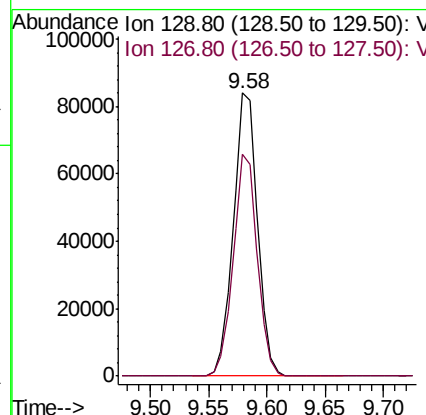
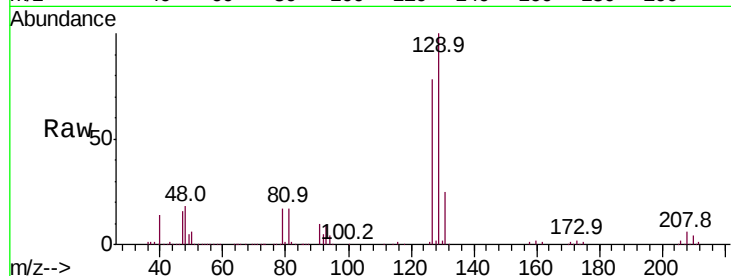
#60
Dibromochloromethane
Concen: 48.863 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

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

Tot Ion:129 Resp: 121194
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.8

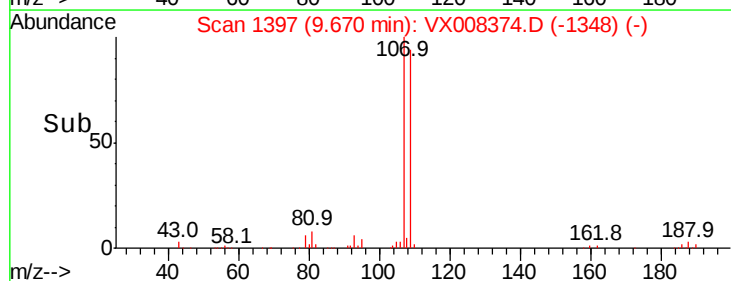
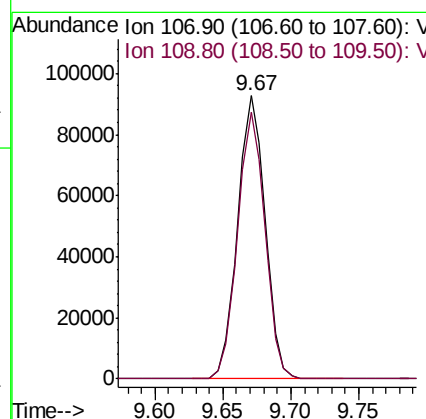
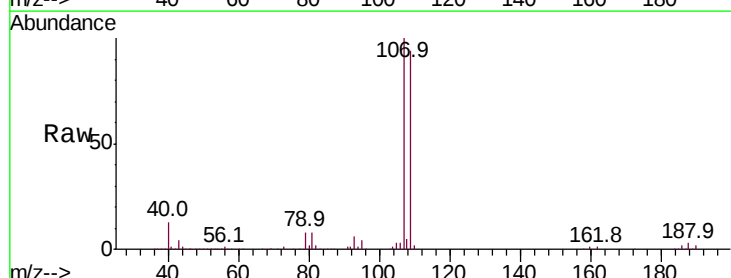
Manual Integrations
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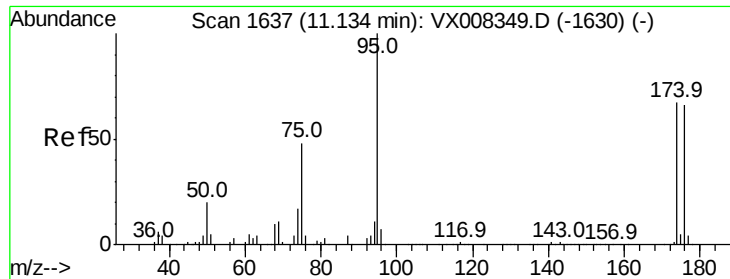
MMDadoda
3/25/2019 11:08:47 AM



#61
1,2-Dibromoethane
Concen: 48.213 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion:107 Resp: 130748
Ion Ratio Lower Upper
107 100
109 94.1 75.8 113.8





#62

4-Bromofluorobenzene

Concen: 49.841 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

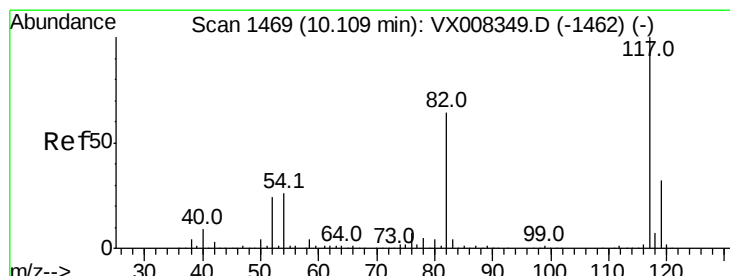
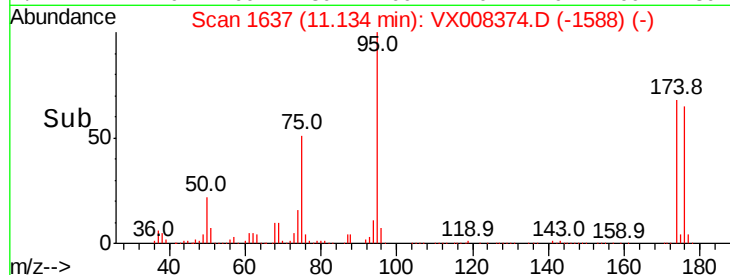
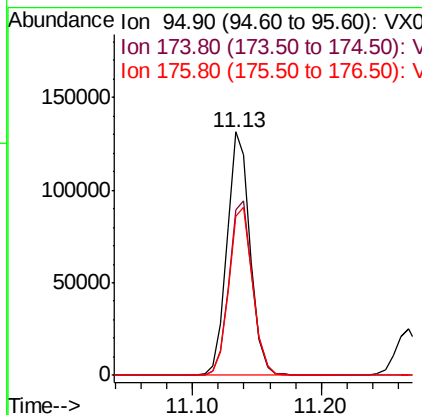
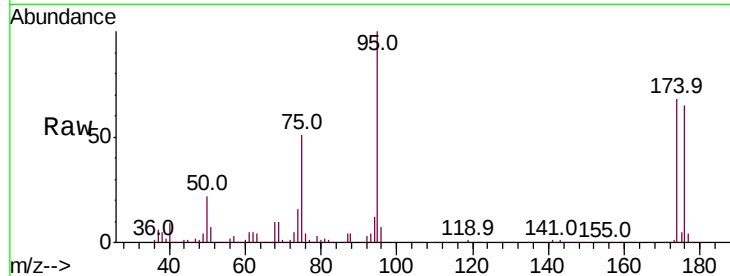
ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion:	95	Resp:	165322
Ion Ratio	Lower	Upper	
95	100		
174	72.9	0.0	182.8
176	71.1	0.0	178.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

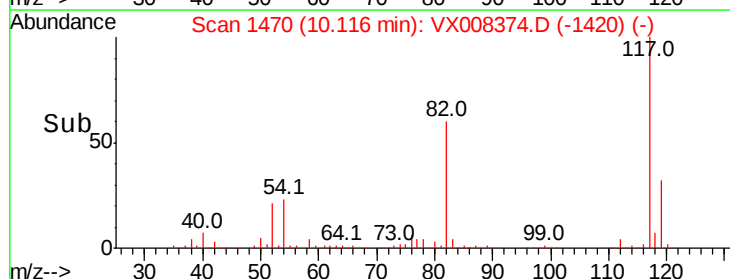
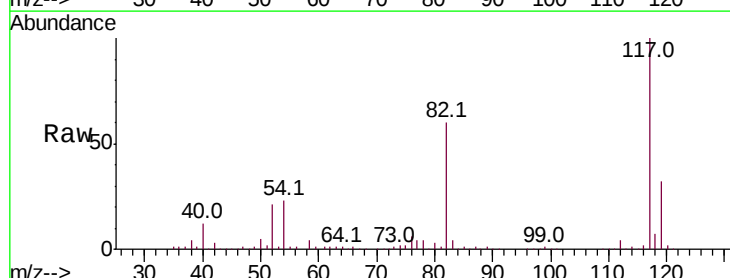
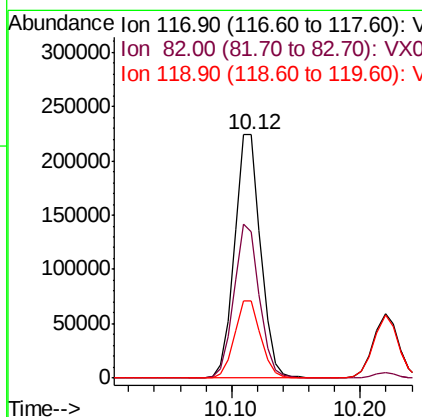
RT: 10.12 min Scan# 1470

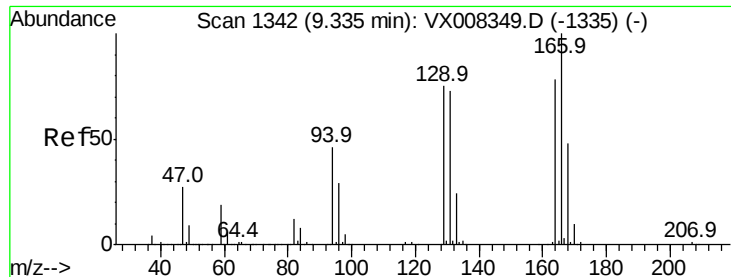
Delta R.T. 0.01 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Tgt Ion:	117	Resp:	315782
Ion Ratio	Lower	Upper	
117	100		
82	60.1	44.3	66.5
119	32.0	25.3	37.9





#64

Tetrachloroethene

Concen: 45.796 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion:164 Resp: 94571

Ion Ratio Lower Upper

164 100

166 128.8 103.4 155.0

129 97.6 72.2 108.4

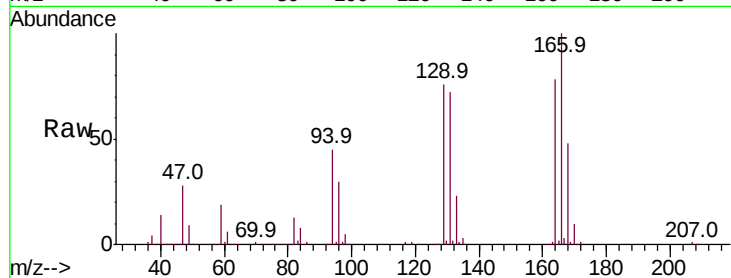
131 92.9 69.4 104.2

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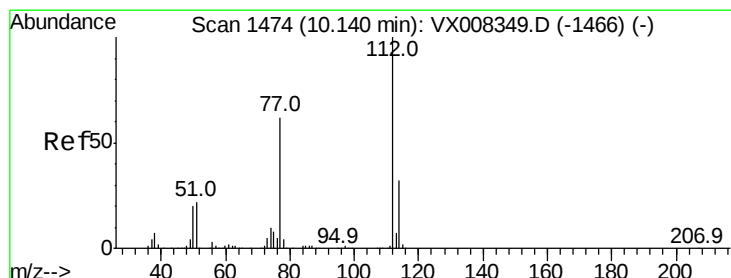
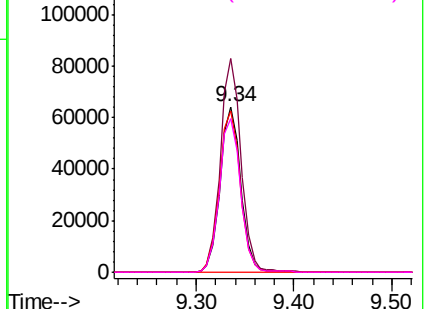
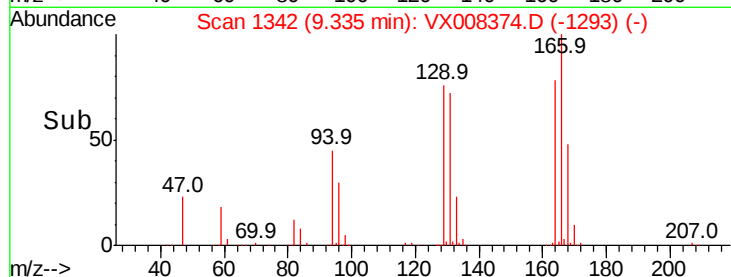
Abundance

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: 47.597 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008374.D

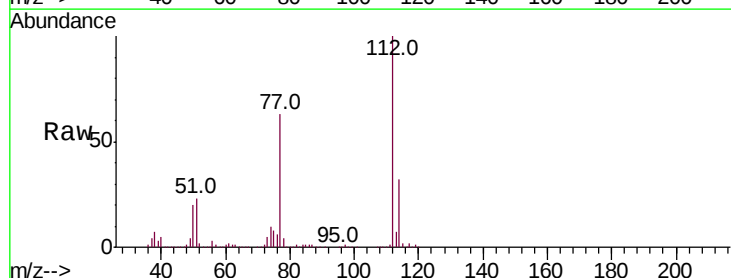
Acq: 24 Mar 2019 00:45

Tgt Ion:112 Resp: 315219

Ion Ratio Lower Upper

112 100

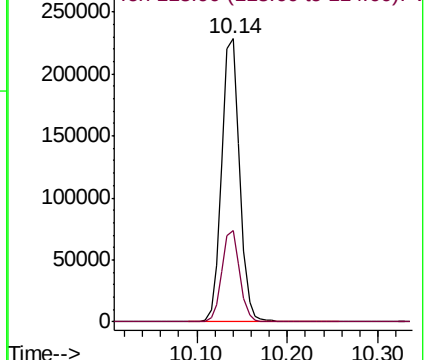
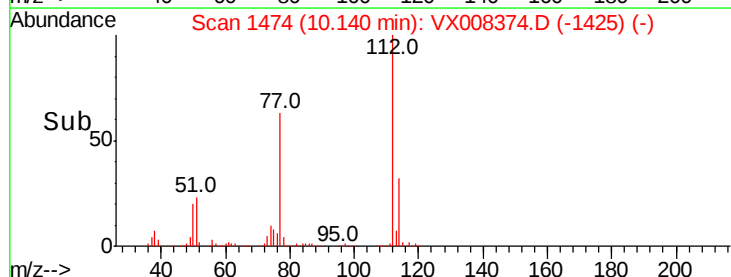
114 32.3 26.0 39.0

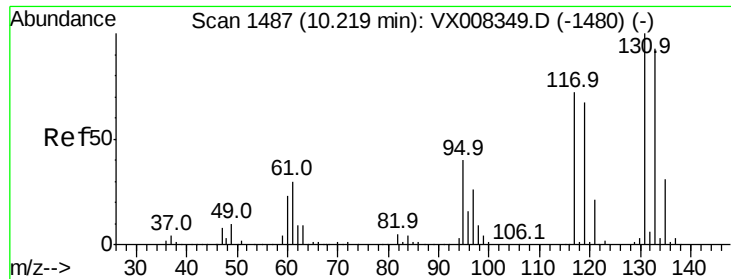


Abundance

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: 48.406 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

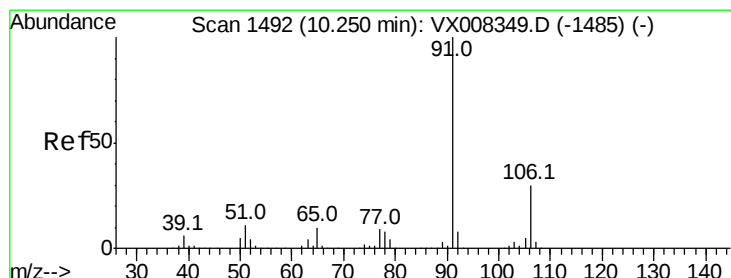
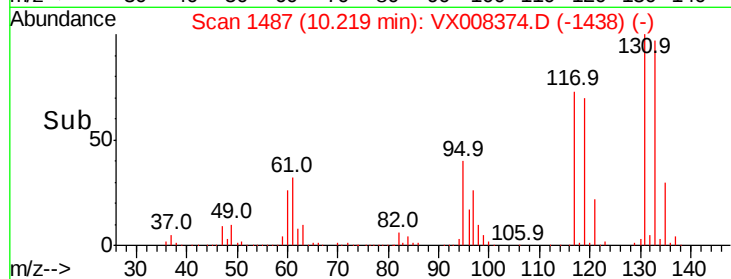
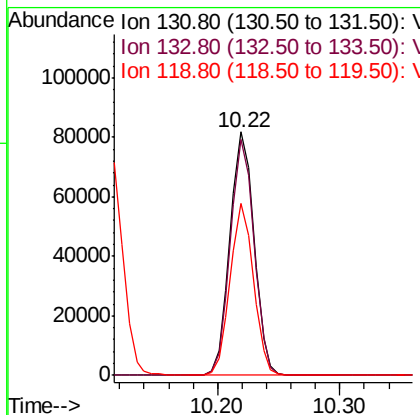
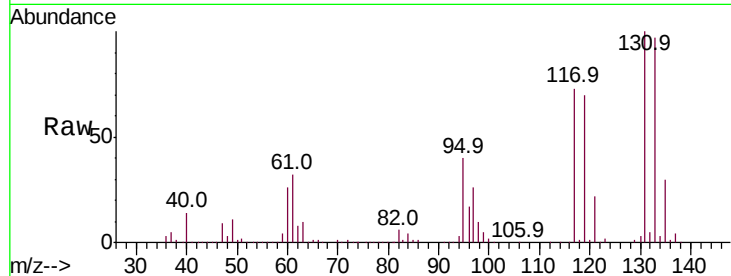
ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion:	131	Resp:	111172
Ion Ratio	Lower	Upper	
131	100		
133	95.4	47.8	143.3
119	68.3	32.5	97.5

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#67

Ethyl Benzene

Concen: 48.301 ug/l

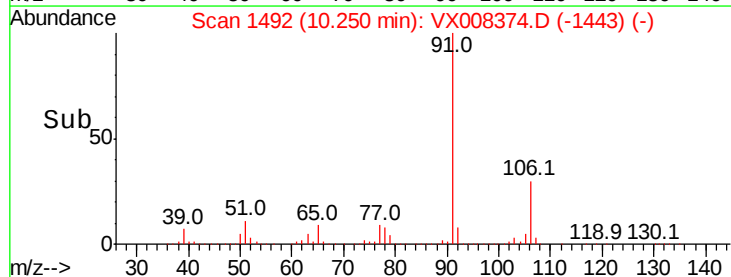
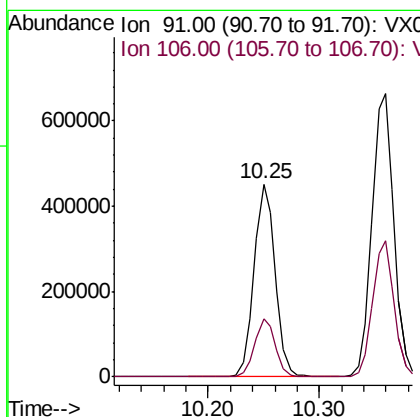
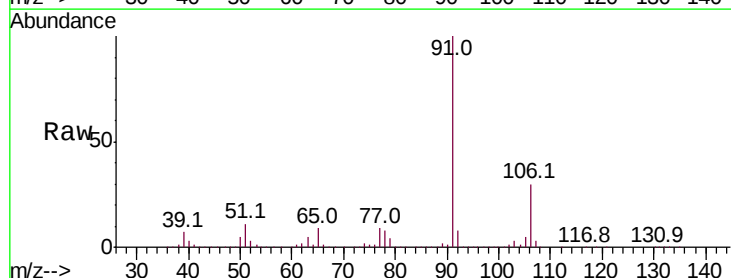
RT: 10.25 min Scan# 1492

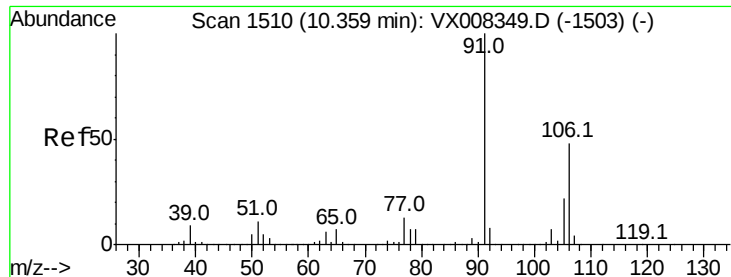
Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Tgt Ion:	91	Resp:	598972
Ion Ratio	Lower	Upper	
91	100		
106	29.9	25.2	37.8





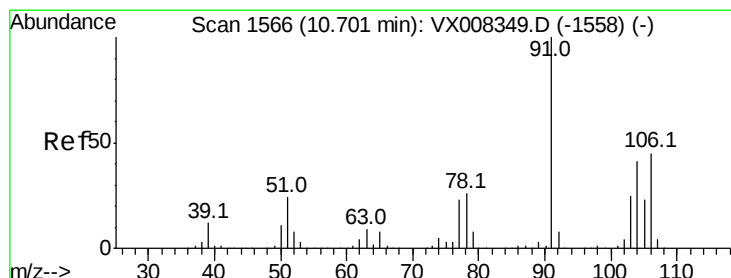
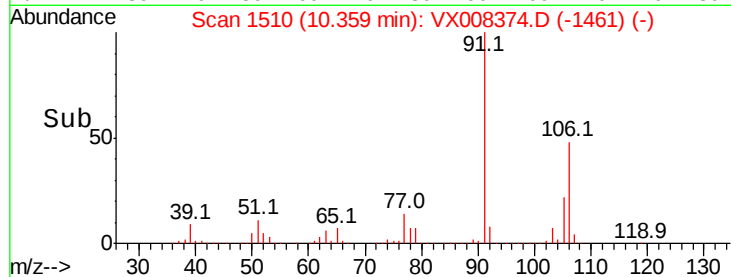
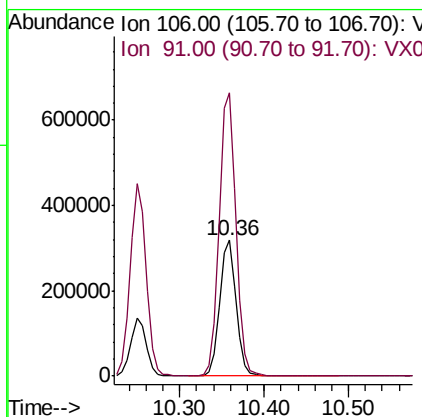
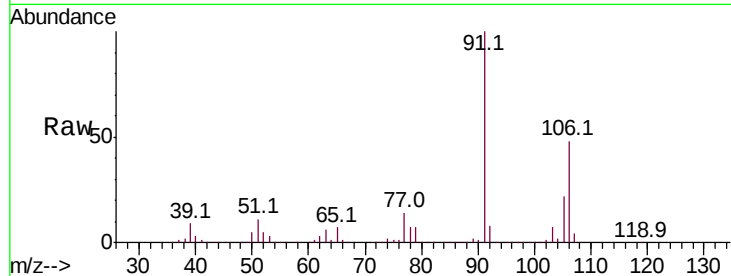
#68
m/p-Xylenes
Concen: 97.027 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

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

Tot Ion:106 Resp: 432309
Ion Ratio Lower Upper
106 100
91 211.8 159.8 239.6

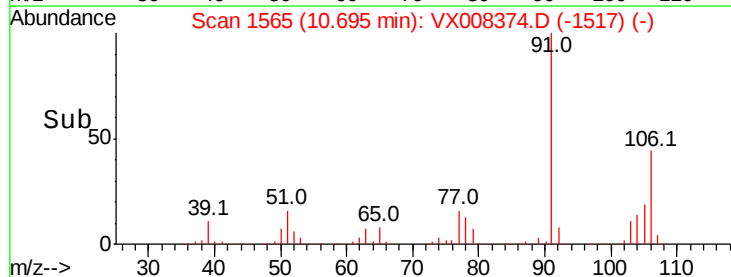
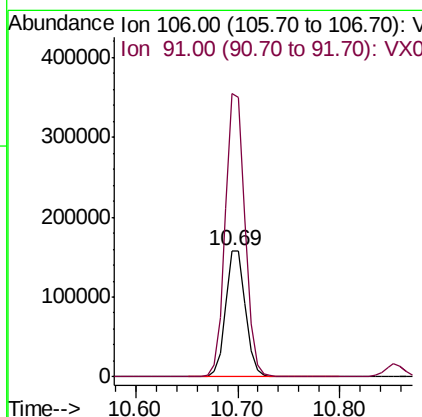
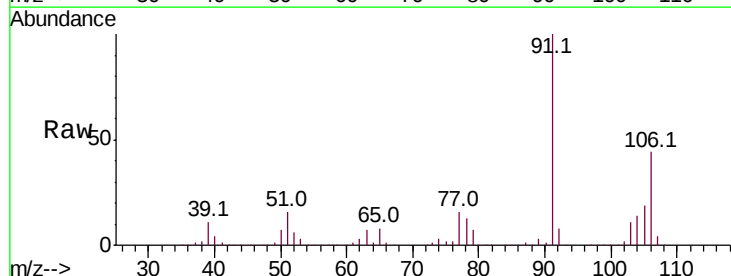
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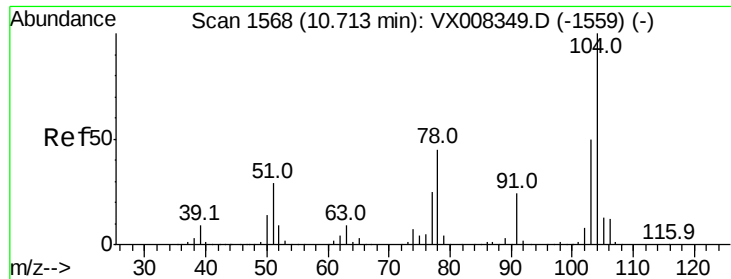
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#69
o-Xylene
Concen: 48.697 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion:106 Resp: 212165
Ion Ratio Lower Upper
106 100
91 223.2 106.3 318.9





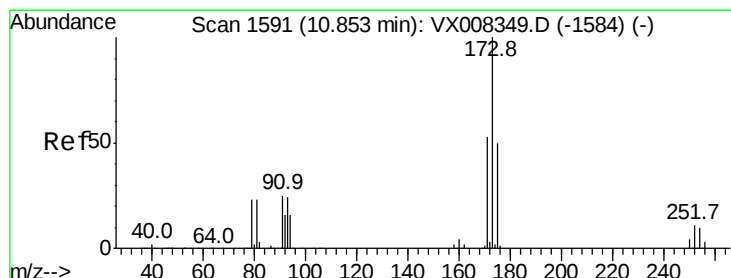
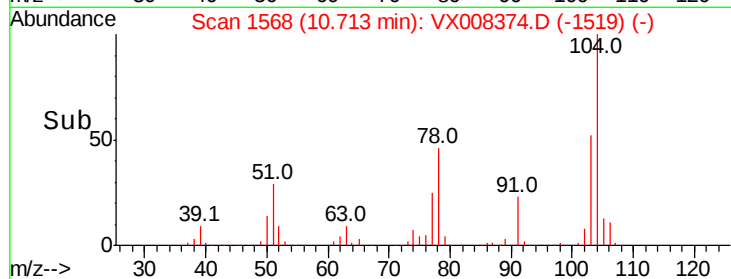
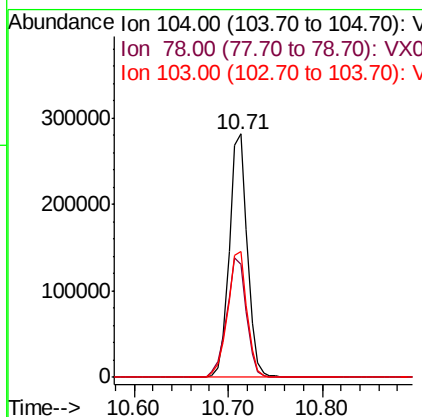
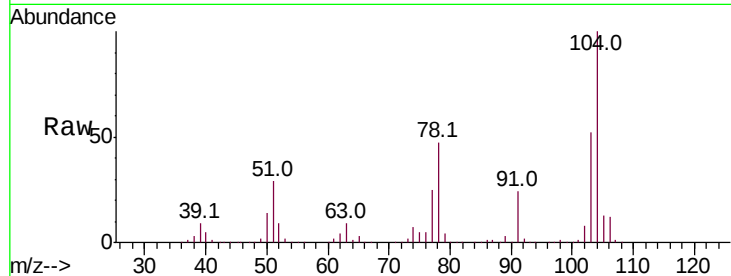
#70
Stvrene
Concen: 49.310 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

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

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.7	38.5	57.7
103	55.7	44.1	66.1

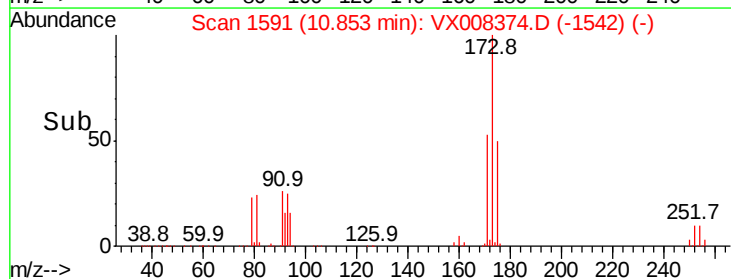
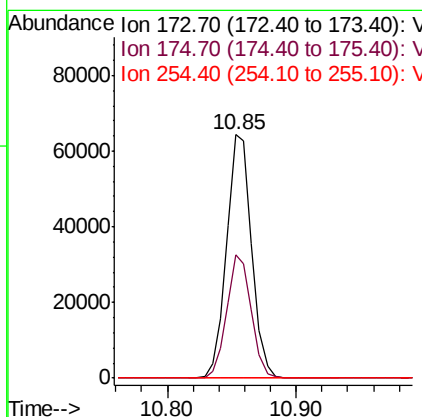
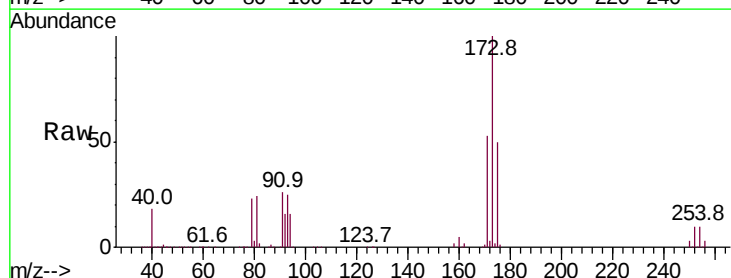
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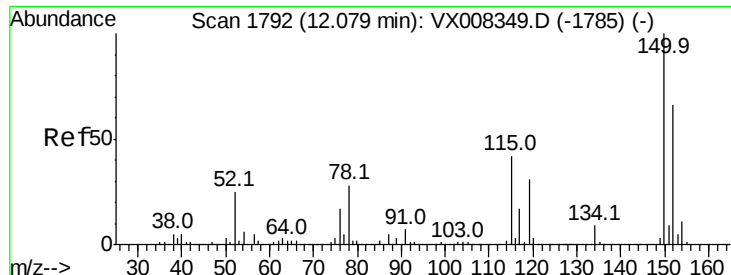
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#71
Bromoform
Concen: 49.646 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.6	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: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion:152 Resp: 149458

Ion Ratio Lower Upper

152 100

115 85.6 38.6 115.7

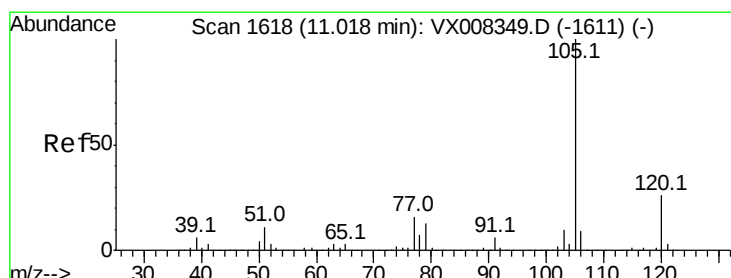
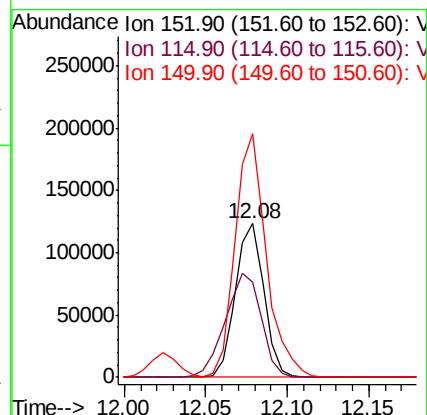
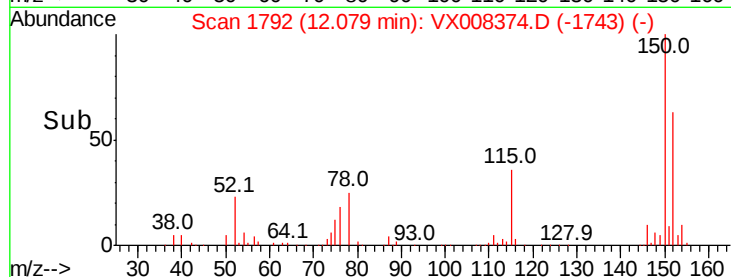
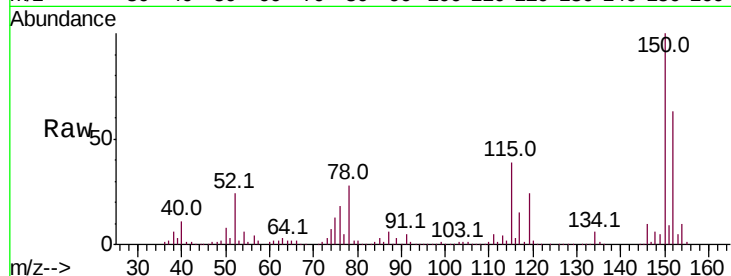
150 173.5 0.0 348.4

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#73

Isopropylbenzene

Concen: 47.199 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008374.D

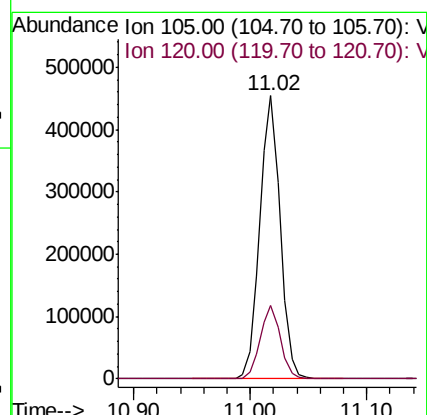
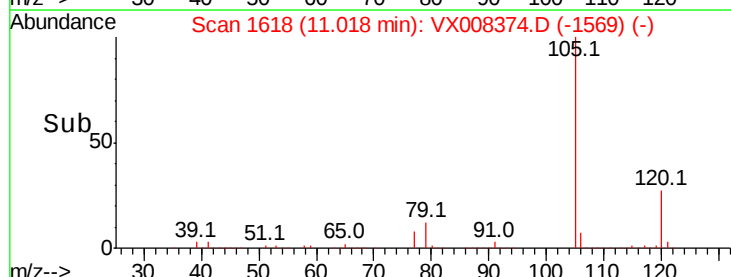
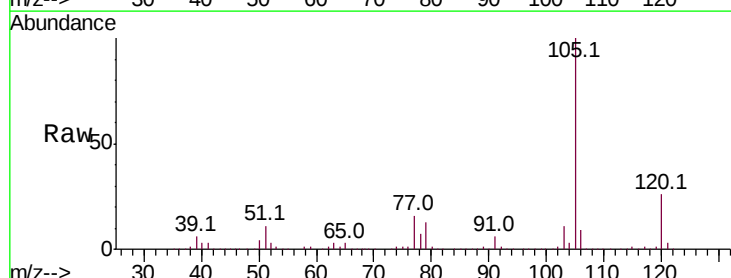
Acq: 24 Mar 2019 00:45

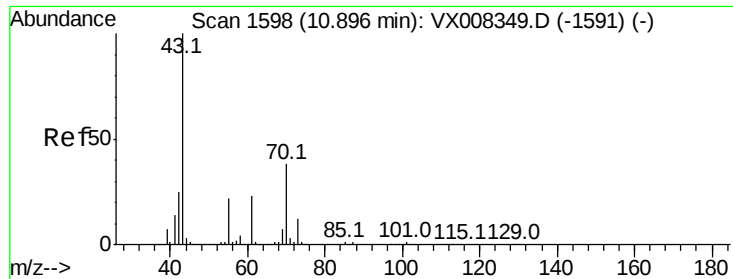
Tgt Ion:105 Resp: 556706

Ion Ratio Lower Upper

105 100

120 25.6 13.4 40.1





#74

N-amvl acetate

Concen: 43.311 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

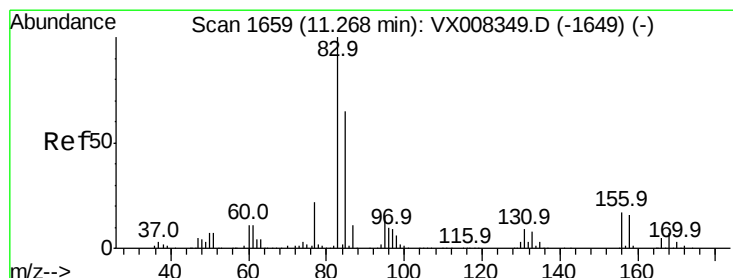
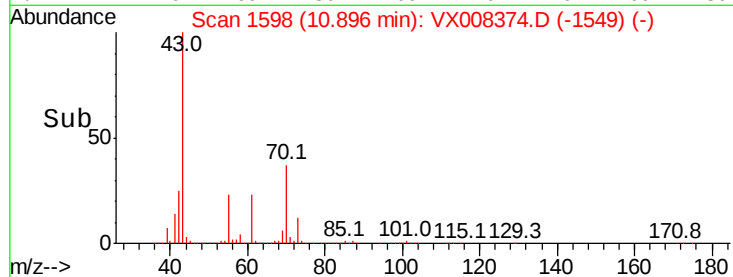
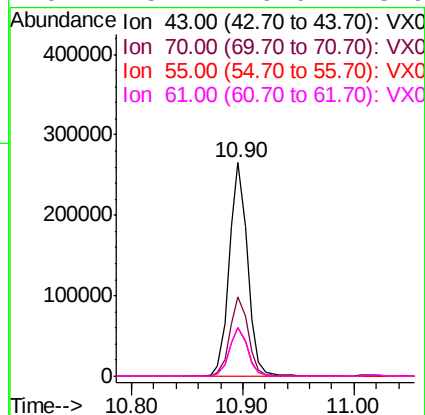
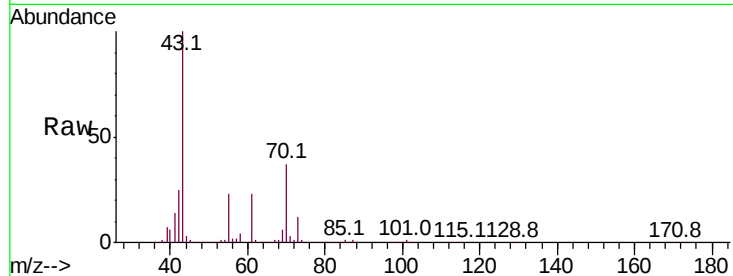
ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion	Ratio	Resp	Lower	Upper
43	100	299092		
70	37.8		33.5	50.3
55	23.0		19.2	28.8
61	23.1		19.0	28.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 47.367 ug/l

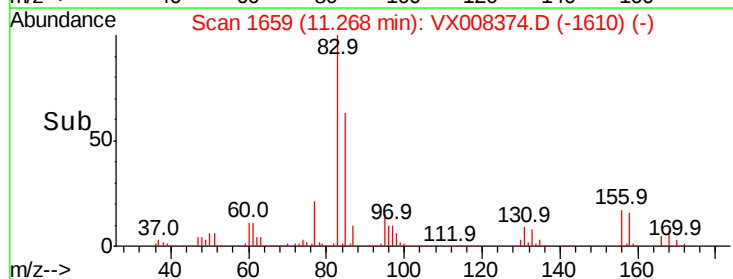
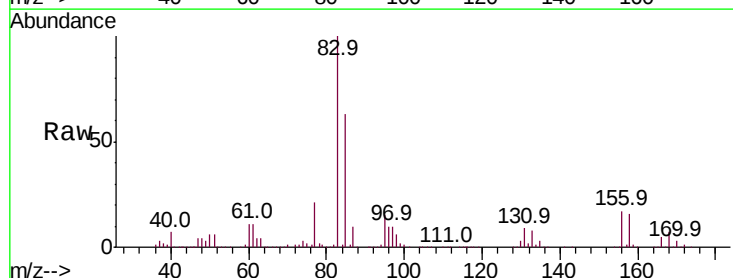
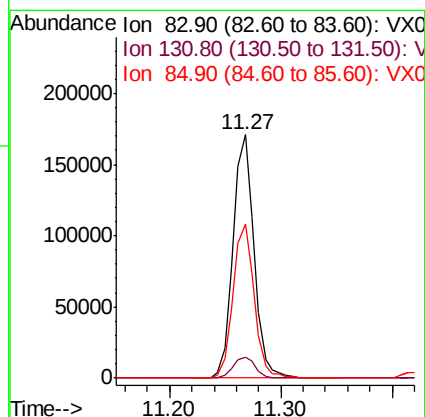
RT: 11.27 min Scan# 1659

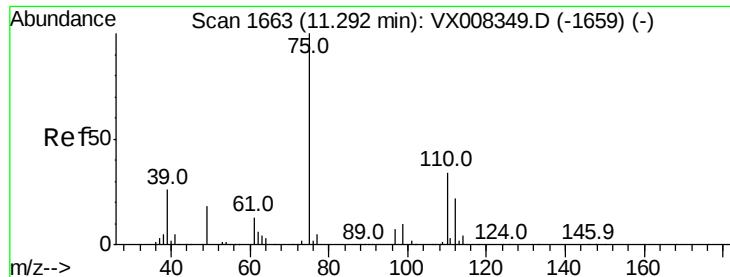
Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	222536		
131	8.9		5.4	16.2
85	63.9		32.3	96.8





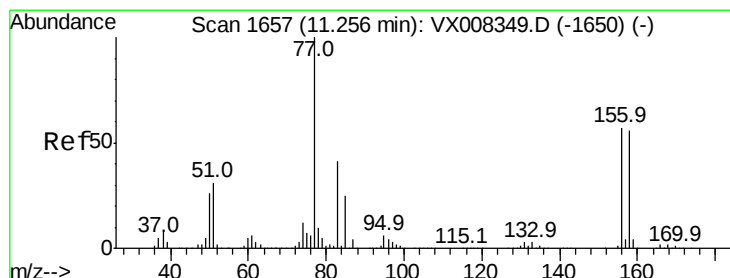
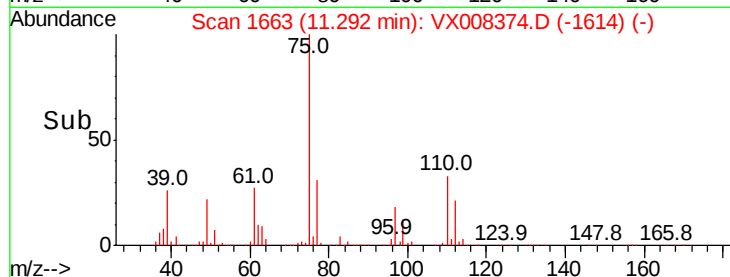
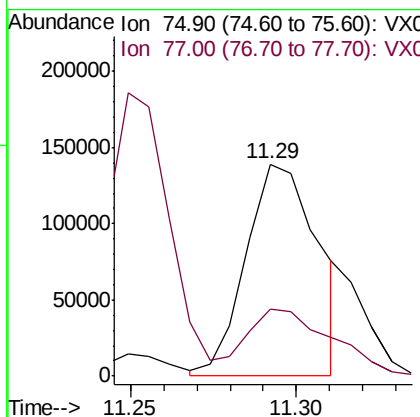
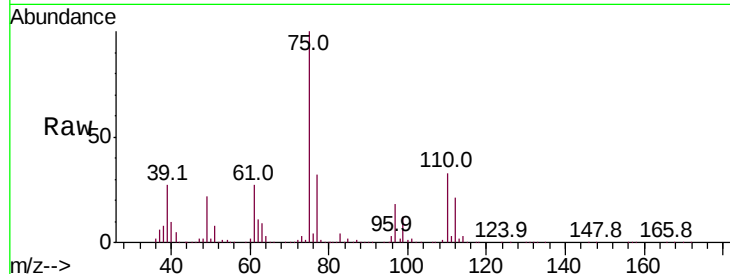
#76
1,2,3-Trichloropropane
Concen: 53.912 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

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

Tot Ion: 75 Resp: 210906
Ion Ratio Lower Upper
75 100
77 37.9 18.9 56.7

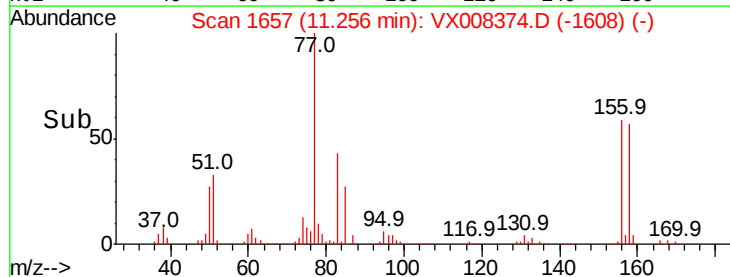
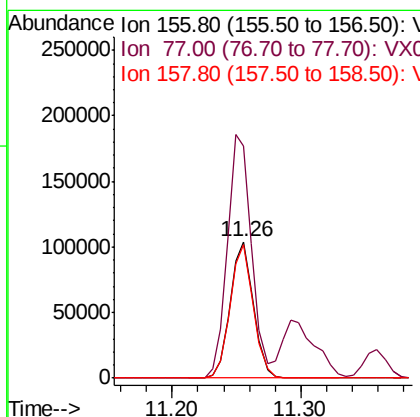
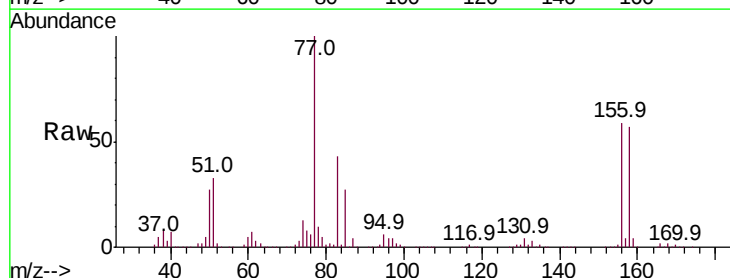
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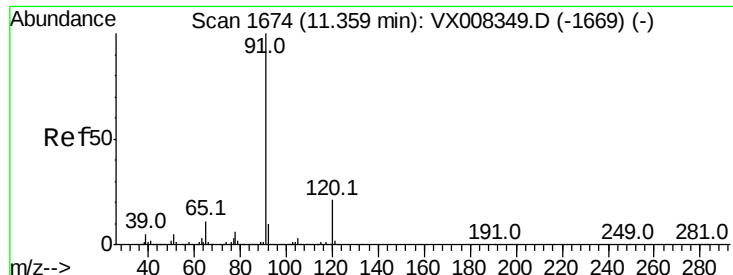
MMDadoda
3/25/2019 11:08:47 AM



#77
Bromobenzene
Concen: 47.136 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion: 156 Resp: 131550
Ion Ratio Lower Upper
156 100
77 185.7 72.0 215.9
158 97.7 48.6 145.9





#78

n-propylbenzene

Concen: 47.665 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion: 91 Resp: 658931

Ion Ratio Lower Upper

91 100

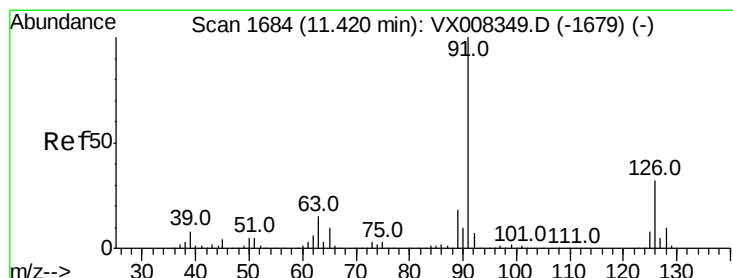
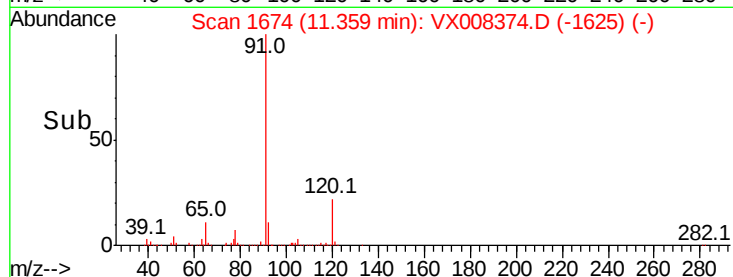
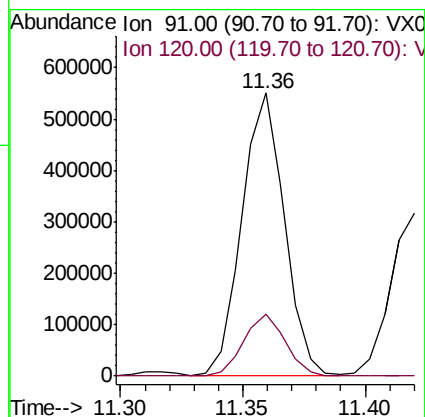
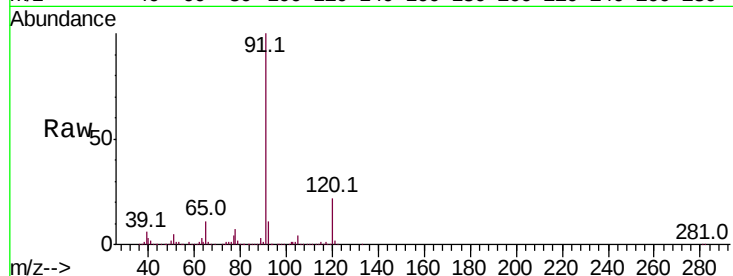
120 21.6 12.0 36.0

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#79

2-Chlorotoluene

Concen: 46.718 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008374.D

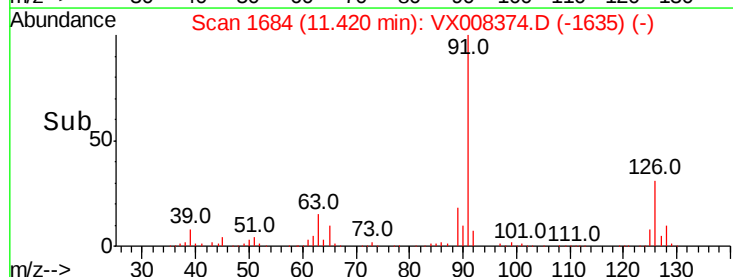
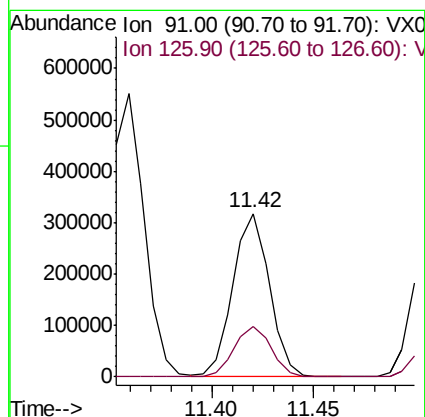
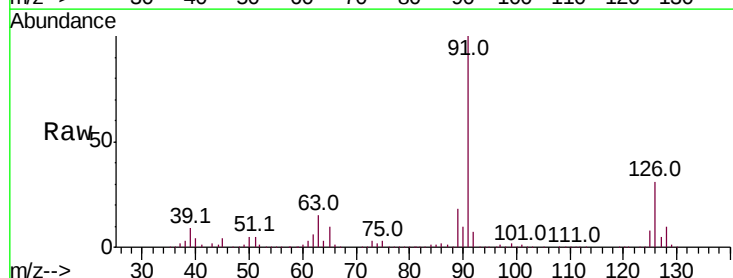
Acq: 24 Mar 2019 00:45

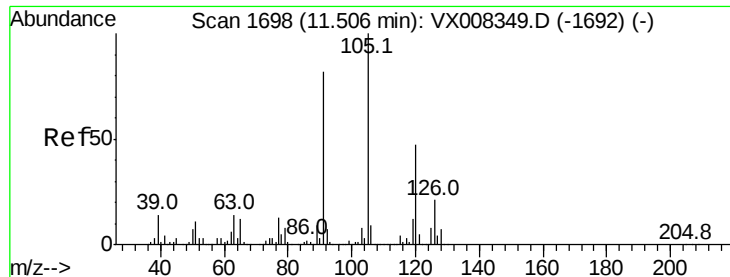
Tgt Ion: 91 Resp: 393411

Ion Ratio Lower Upper

91 100

126 31.5 17.5 52.6





#80

1,3,5-Trimethylbenzene

Concen: 47.253 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion:105 Resp: 474123

Ion Ratio Lower Upper

105 100

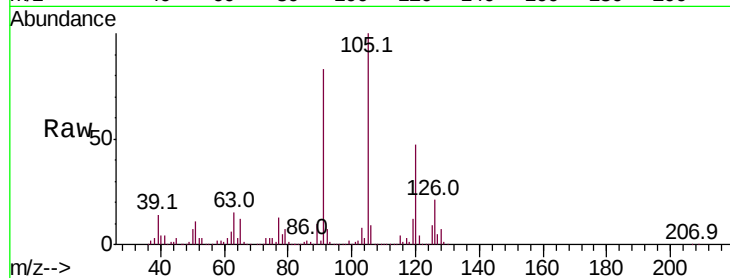
120 47.3 24.9 74.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

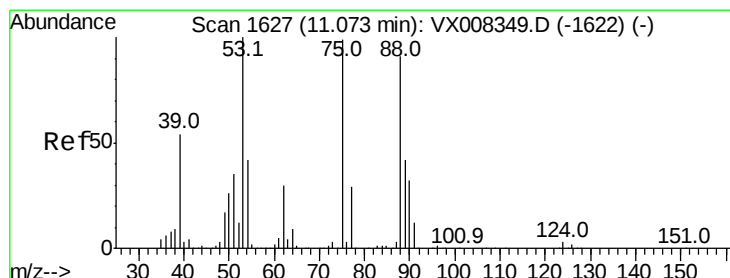
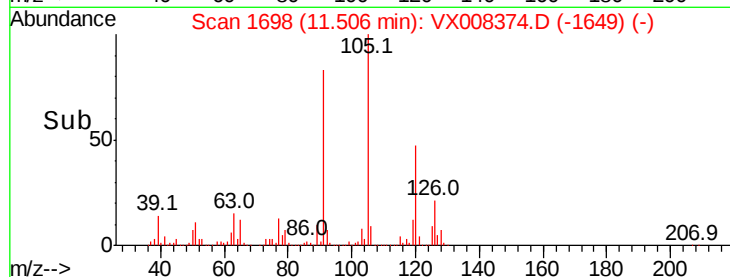
200000

100000

0

11.45 11.50 11.55

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 46.676 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

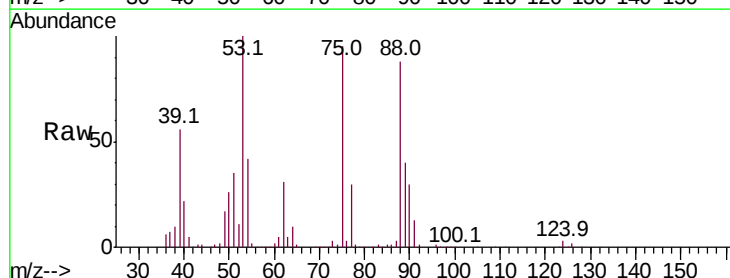
Tgt Ion: 75 Resp: 64076

Ion Ratio Lower Upper

75 100

53 106.1 76.1 114.1

89 43.6 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

80000

60000

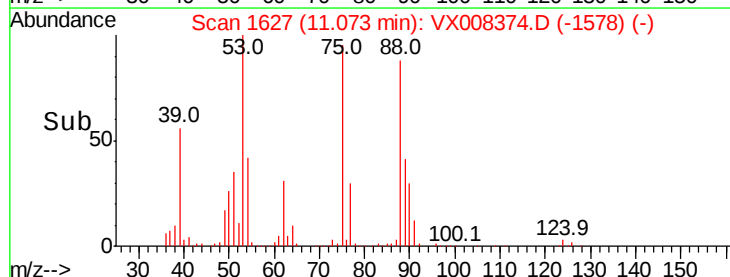
40000

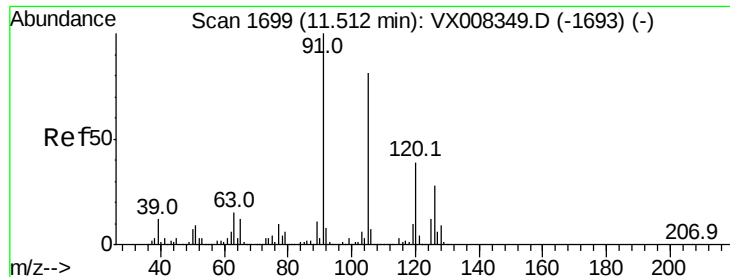
20000

0

11.05 11.10

Time-->





#82

4-Chlorotoluene

Concen: 47.040 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion: 91 Resp: 456426

Ion Ratio Lower Upper

91 100

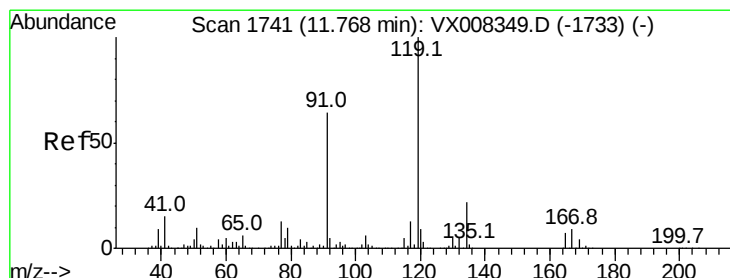
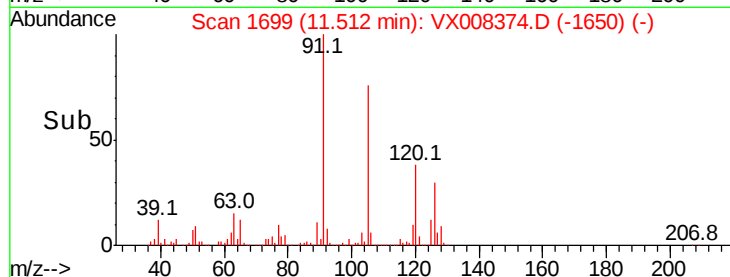
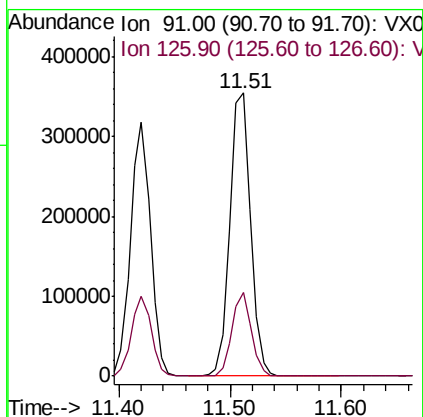
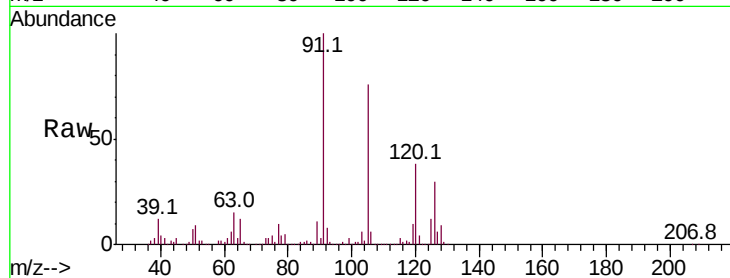
126 27.8 15.6 46.8

Manual Integrations

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#83

tert-Butylbenzene

Concen: 48.609 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

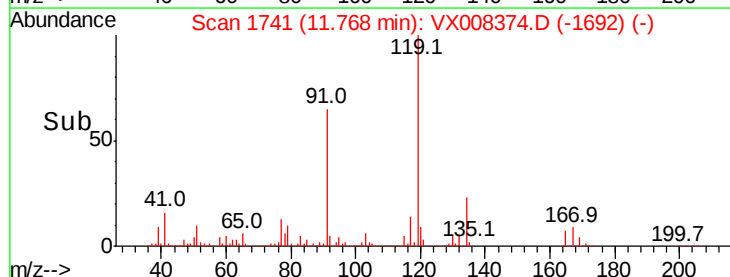
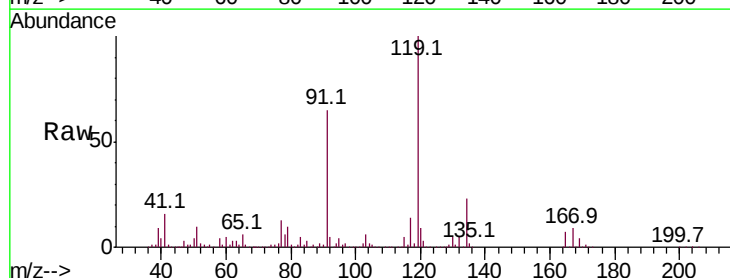
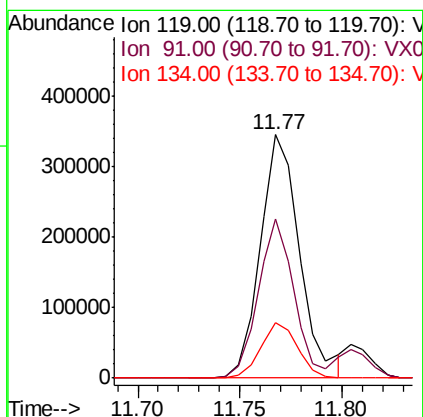
Tgt Ion: 119 Resp: 464446

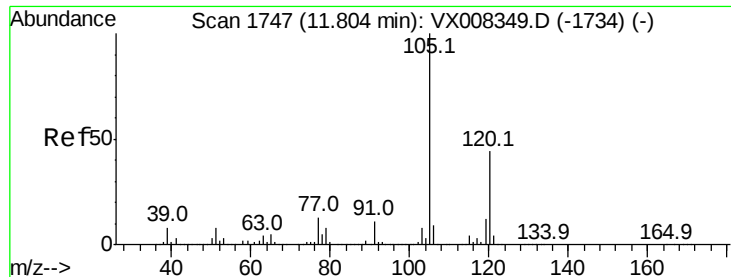
Ion Ratio Lower Upper

119 100

91 59.0 27.1 81.3

134 21.4 11.4 34.1





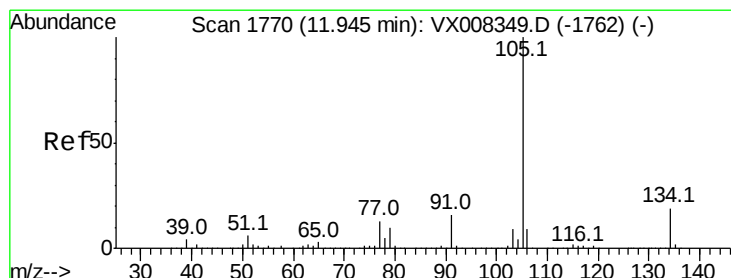
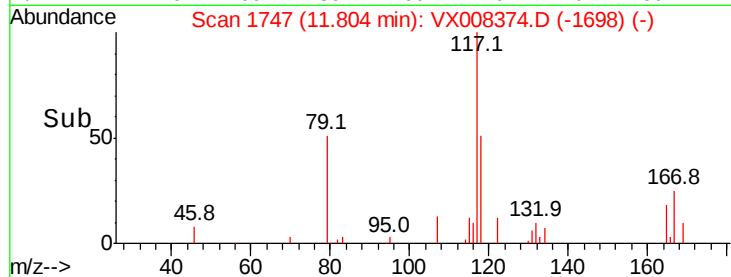
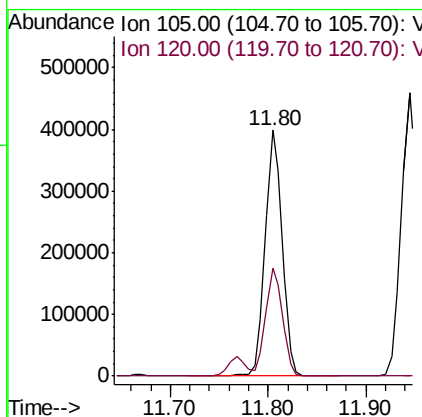
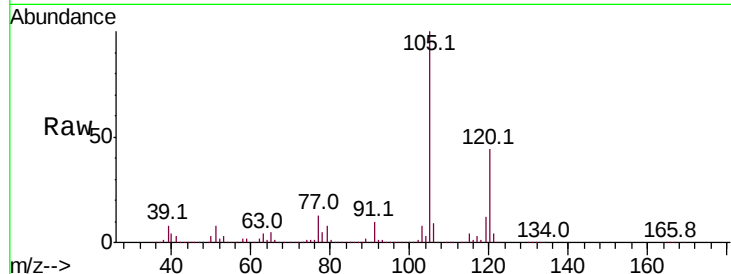
#84
 1,2,4-Trimethylbenzene
 Concen: 48.212 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

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

Tot Ion:105 Resp: 482751
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.6 67.7

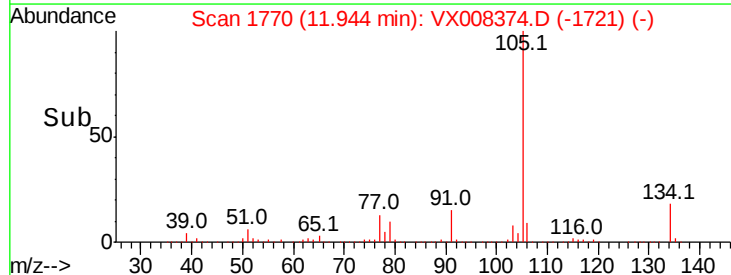
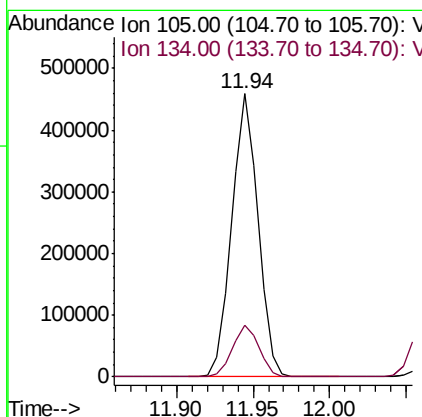
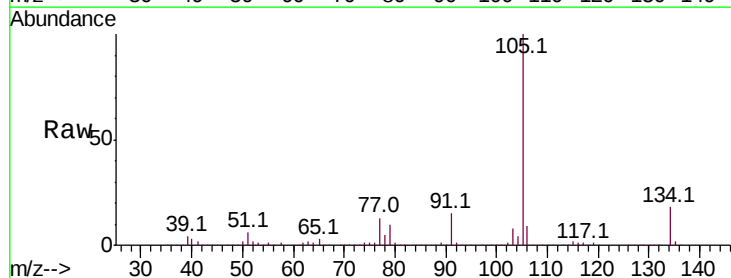
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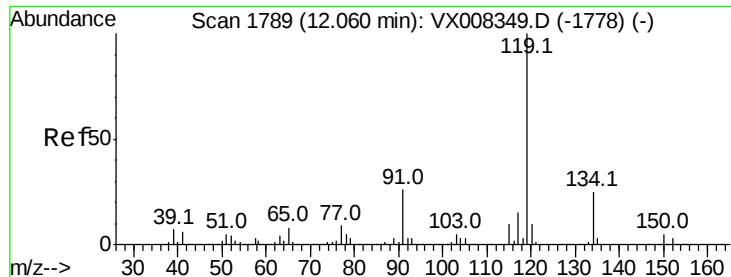
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 3/25/2019 11:08:47 AM



#85
 sec-Butylbenzene
 Concen: 47.494 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

Tgt Ion:105 Resp: 543866
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.4 31.2





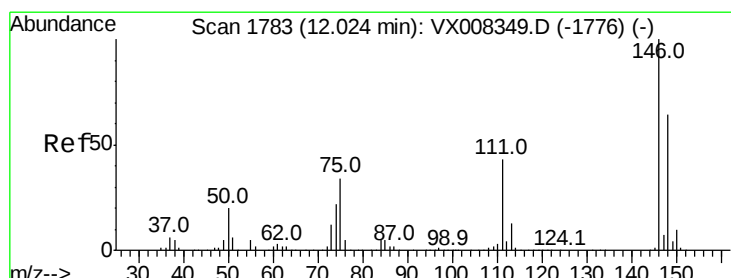
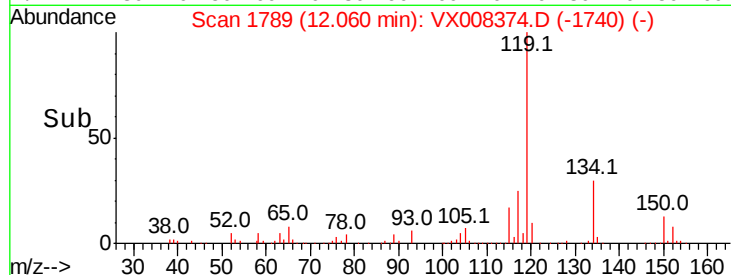
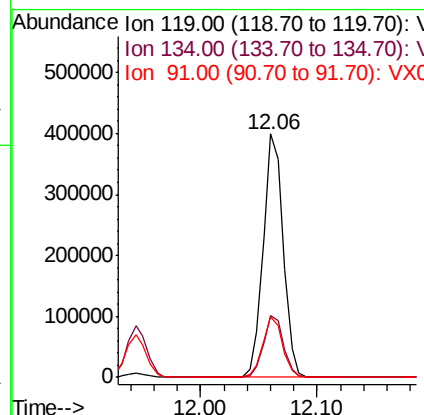
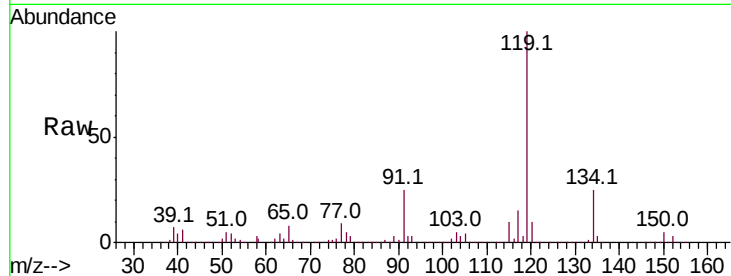
#86
p-Isopropyltoluene
Concen: 47.629 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

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

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	13.3	39.9
91	24.7	10.9	32.7

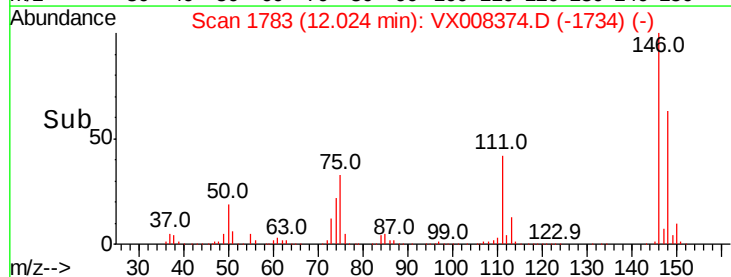
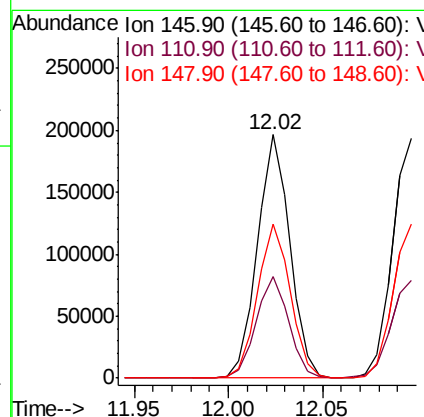
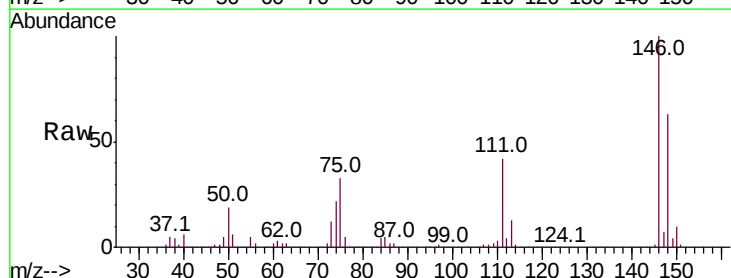
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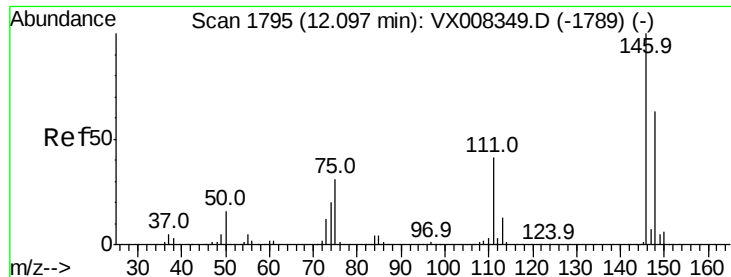
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 46.835 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	18.9	56.7
148	64.0	31.7	95.1





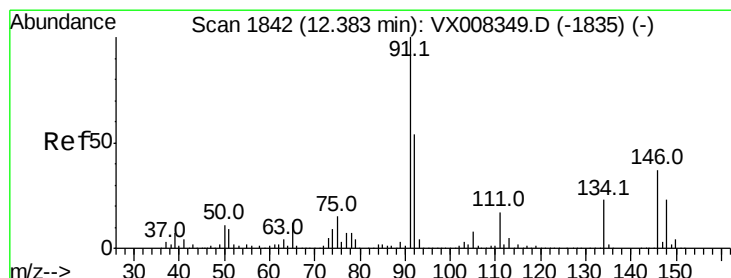
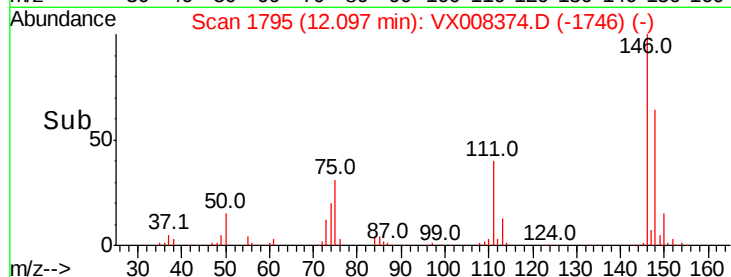
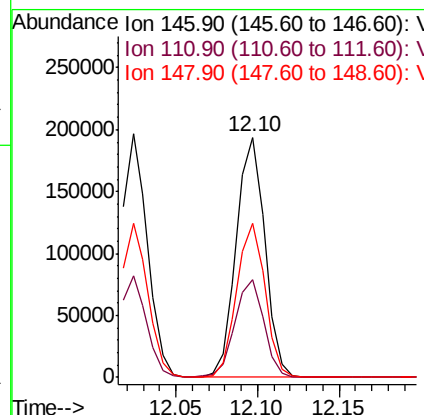
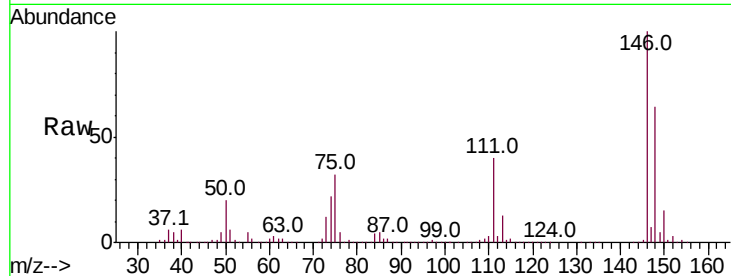
#88
 1,4-Dichlorobenzene
 Concen: 46.363 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.4	55.0
148	63.9	32.2	96.6

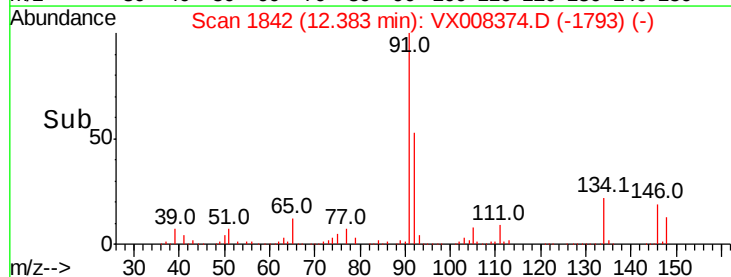
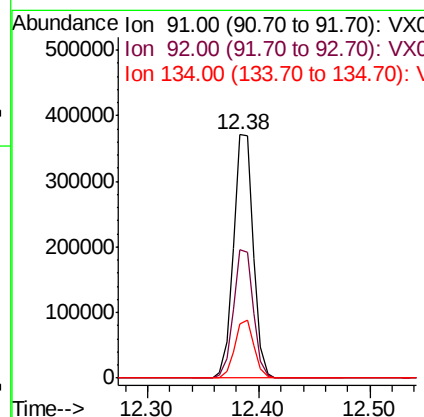
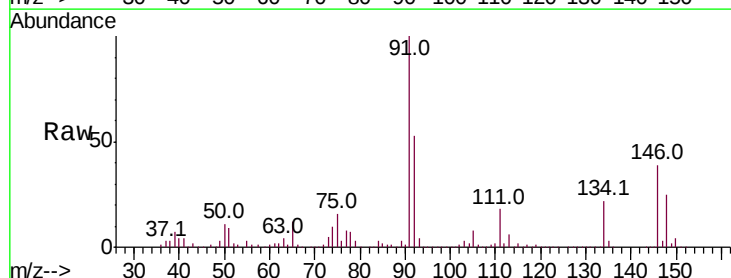
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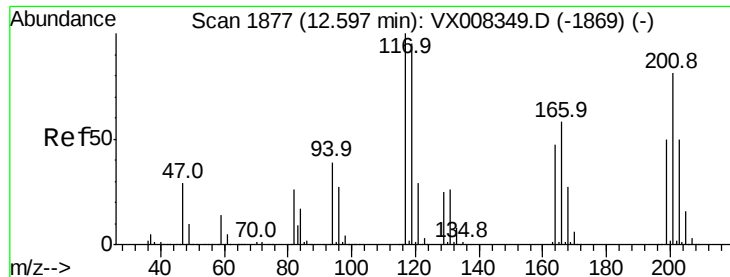
MMDadoda
 3/25/2019 11:08:47 AM



#89
 n-Butylbenzene
 Concen: 47.150 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	27.0	80.8
134	23.5	13.7	41.0





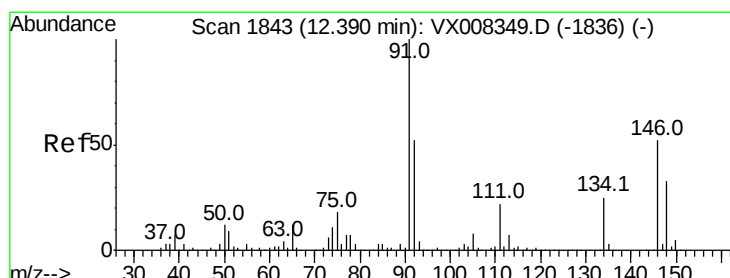
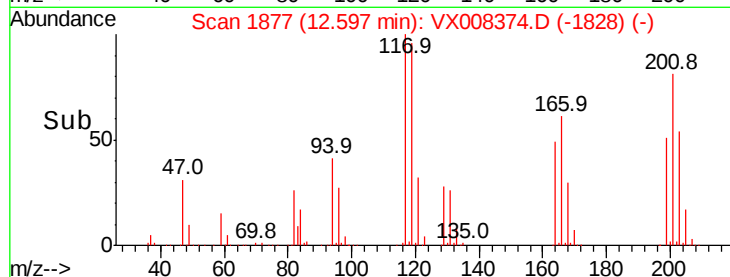
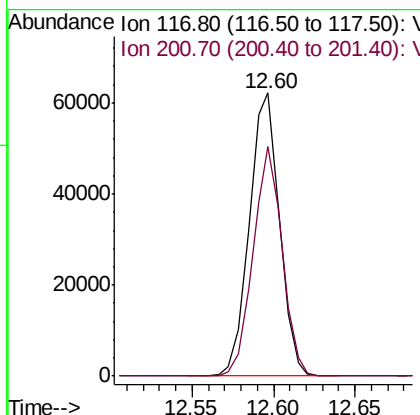
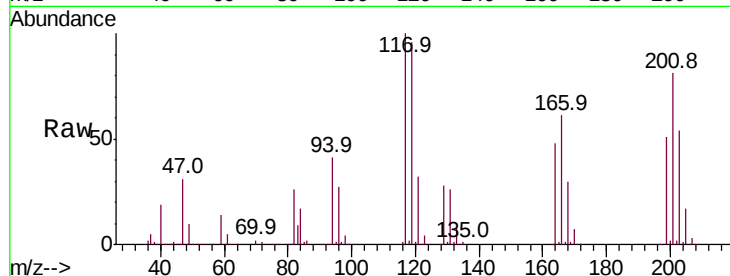
#90
Hexachloroethane
Concen: 48.037 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

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

Tot Ion:117 Resp: 80090
Ion Ratio Lower Upper
117 100
201 78.0 48.9 146.7

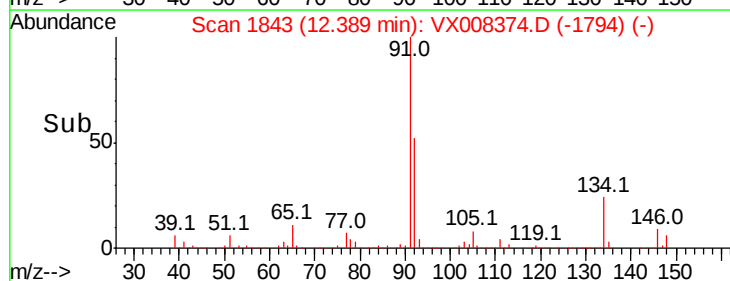
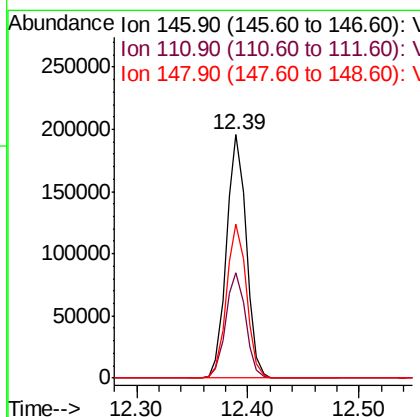
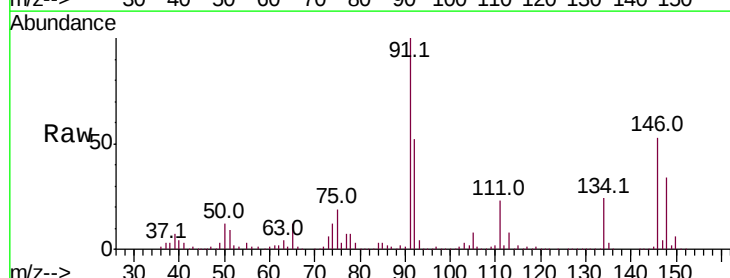
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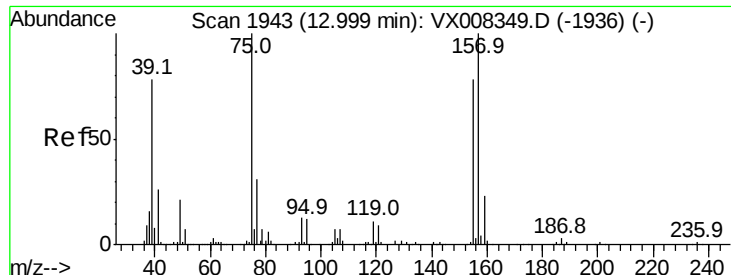
MMDadoda
3/25/2019 11:08:47 AM



#91
1,2-Dichlorobenzene
Concen: 47.265 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008374.D
Acq: 24 Mar 2019 00:45

Tgt Ion:146 Resp: 239944
Ion Ratio Lower Upper
146 100
111 43.8 19.6 58.8
148 64.0 31.9 95.5





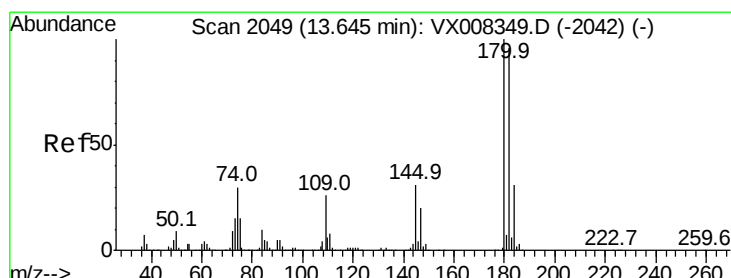
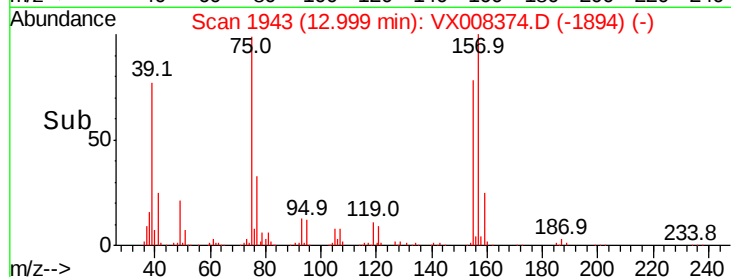
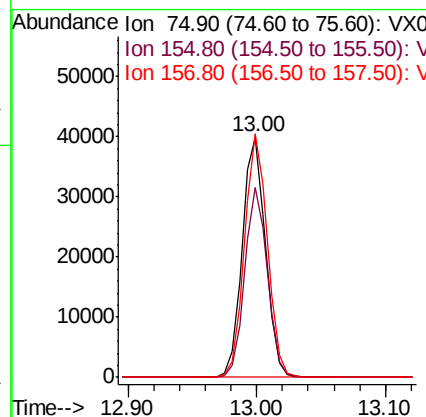
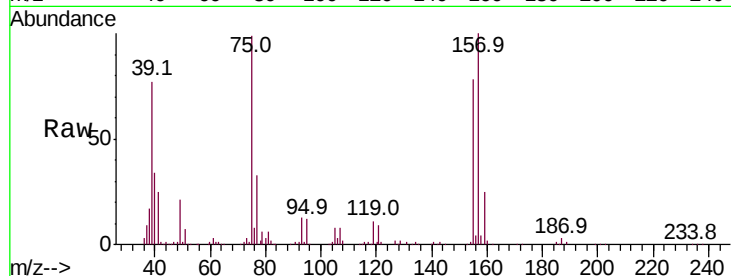
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.670 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

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

Tot Ion: 75 Resp: 49736
 Ion Ratio Lower Upper
 75 100
 155 76.8 49.7 149.1
 157 99.4 63.8 191.4

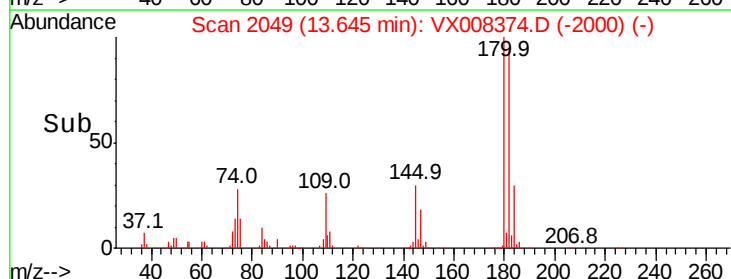
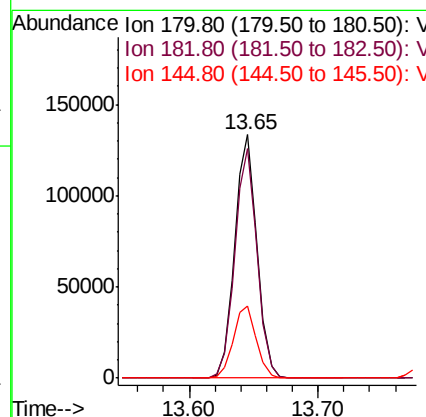
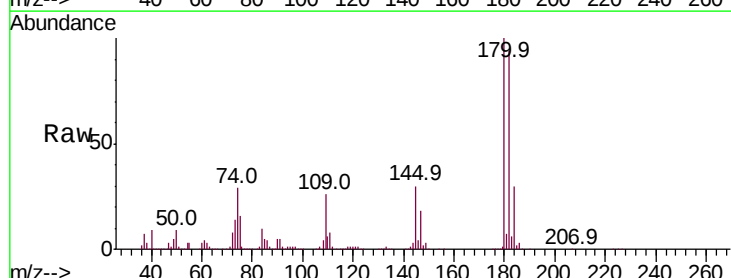
Manual Integrations
 APPROVED

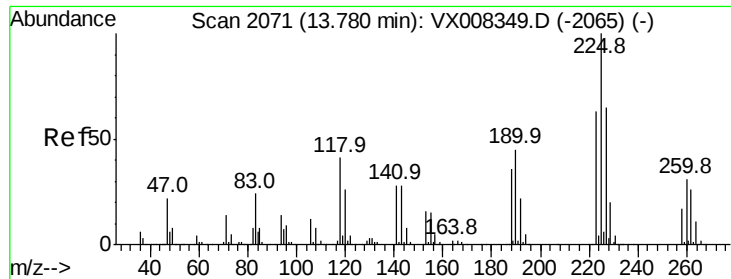
MMDadoda
 3/25/2019 11:08:47 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 47.019 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

Tgt Ion: 180 Resp: 160959
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.9 143.7
 145 30.8 14.1 42.4





#94

Hexachlorobutadiene

Concen: 45.600 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Instrument :

MSVOA_X

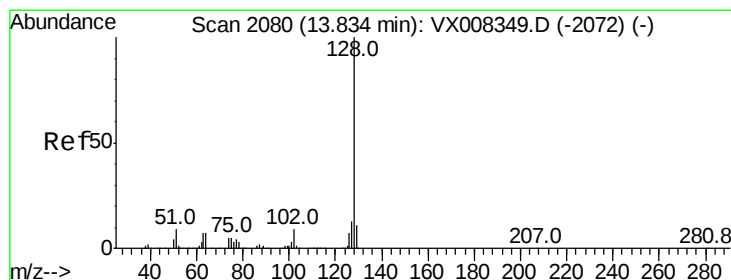
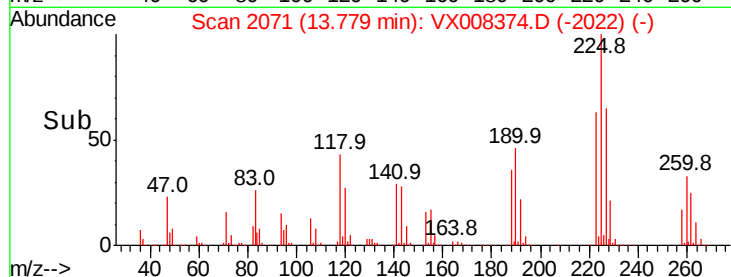
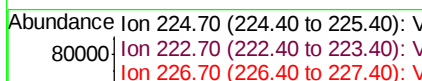
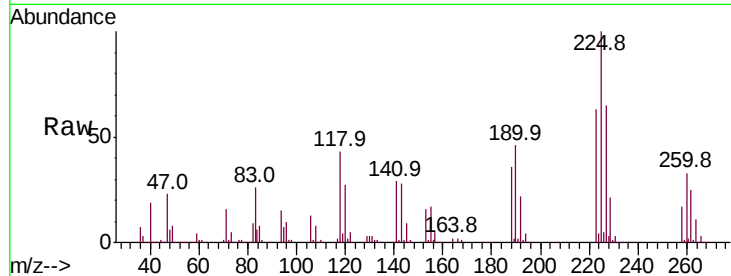
ClientSampleId :

BPS1-TT-MW309D-20190313MS

Tot Ion:	225	Resp:	73772
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.1	93.2
227	64.3	32.0	96.0

Manual Integrations
APPROVED

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3/25/2019 11:08:47 AM



#95

Naphthalene

Concen: 47.856 ug/l

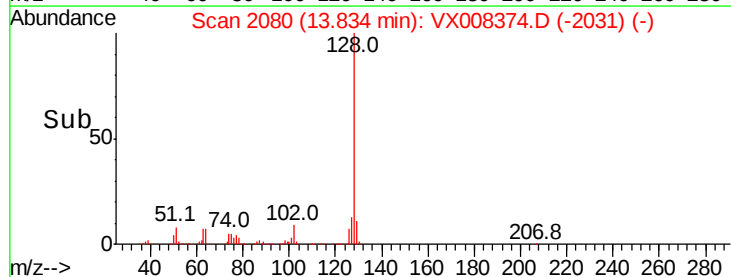
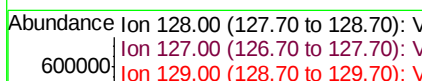
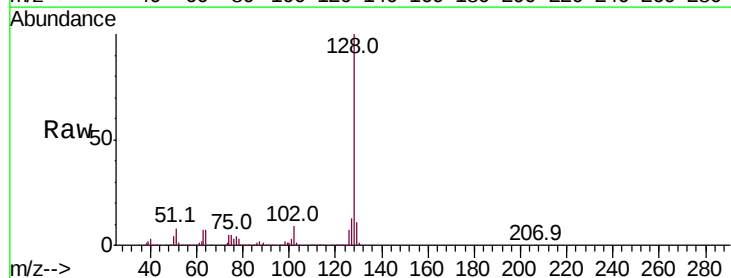
RT: 13.83 min Scan# 2080

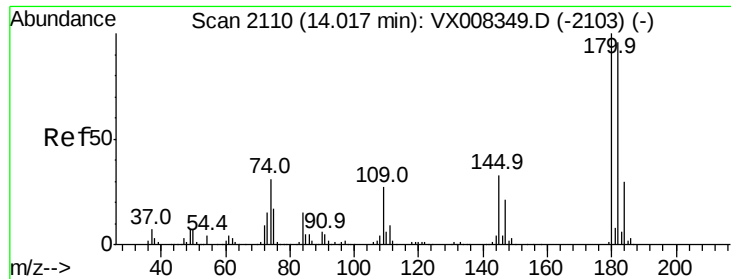
Delta R.T. -0.00 min

Lab File: VX008374.D

Acq: 24 Mar 2019 00:45

Tgt Ion:	128	Resp:	575305
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	10.8	8.7	13.1





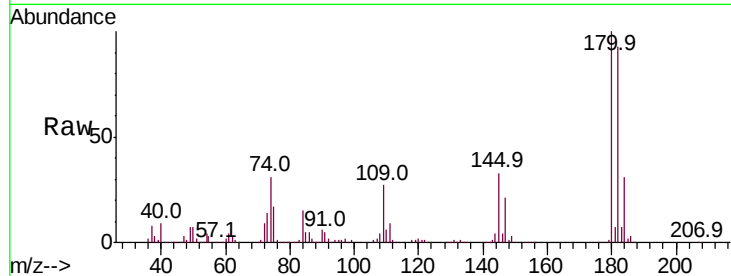
#96
 1,2,3-Trichlorobenzene
 Concen: 46.819 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008374.D
 Acq: 24 Mar 2019 00:45

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

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.8	47.5	142.5
145	32.9	14.8	44.3

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:08:47 AM



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

