

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX041219\
 Data File : VX008878.D
 Acq On : 12 Apr 2019 12:00
 Operator : JC/SP
 Sample : VX0412MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/13/2019 2:11:32 PM

Quant Time: Apr 13 05:17:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	157835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	228642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108354	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
35) Dibromofluoromethane	5.50	113	80738	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	8.71	98	325553	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.13	95	117845	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43645	24.023	ug/l	100
3) Chloromethane	1.32	50	54301	23.492	ug/l	99
4) Vinyl Chloride	1.41	62	49150	20.012	ug/l	94
5) Bromomethane	1.64	94	29121	25.048	ug/l	97
6) Chloroethane	1.72	64	29378	20.092	ug/l	98
7) Trichlorofluoromethane	1.93	101	55997	20.626	ug/l	97
8) Diethyl Ether	2.19	74	25377	19.711	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35316	20.204	ug/l	99
10) Methyl Iodide	2.51	142	38343	26.160	ug/l	100
11) Tert butyl alcohol	3.04	59	57131	106.003	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36231	19.856	ug/l	99
13) Acrolein	2.29	56	24936	93.309	ug/l	98
14) Allyl chloride	2.73	41	85126	20.379	ug/l	98
15) Acrylonitrile	3.14	53	141465	99.080	ug/l	99
16) Acetone	2.45	43	126077	95.084	ug/l	98
17) Carbon Disulfide	2.57	76	108013	20.056	ug/l	100
18) Methyl Acetate	2.78	43	62106	19.313	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	134437	20.630	ug/l	100
20) Methylene Chloride	2.86	84	44088	19.864	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	38892	19.705	ug/l	94
22) Diisopropyl ether	3.85	45	165586	20.567	ug/l	89
23) Vinyl Acetate	3.81	43	738296	105.410	ug/l	98
24) 1,1-Dichloroethane	3.70	63	79782	20.014	ug/l	99
25) 2-Butanone	4.68	43	210976	100.671	ug/l	97
26) 2,2-Dichloropropane	4.58	77	56775	20.222	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45436	20.023	ug/l	98
28) Bromochloromethane	5.02	49	33379	18.116	ug/l	99
29) Tetrahydrofuran	5.13	42	139924	100.595	ug/l	99
30) Chloroform	5.21	83	72208	20.281	ug/l	99
31) Cyclohexane	5.58	56	79330	19.944	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	59512	20.685	ug/l	98
36) 1,1-Dichloropropene	5.80	75	55903	20.005	ug/l	99
37) Ethyl Acetate	4.83	43	78565	21.063	ug/l	99
38) Carbon Tetrachloride	5.78	117	48655	21.036	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70328	20.372	ug/l	96
40) Benzene	6.14	78	174402	20.949	ug/l	99
41) Methacrylonitrile	5.04	41	44913	20.947	ug/l	99
42) 1,2-Dichloroethane	6.19	62	63014	21.113	ug/l	99
43) Isopropyl Acetate	6.45	43	124782	21.355	ug/l	99
44) Trichloroethene	7.21	130	39962	20.610	ug/l	98
45) 1,2-Dichloropropane	7.51	63	48689	20.490	ug/l	98
46) Dibromomethane	7.66	93	27440	19.911	ug/l	98
47) Bromodichloromethane	7.90	83	53815	20.710	ug/l	99
48) Methyl methacrylate	7.77	41	63491	21.480	ug/l	97
49) 1,4-Dioxane	7.74	88	23340	421.527	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	411460	109.388	ug/l	100
52) Toluene	8.79	92	105218	21.438	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61605	21.164	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	68835	20.696	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	41797	21.215	ug/l	98
56) Ethyl methacrylate	9.18	69	77163	21.647	ug/l	100
57) 1,3-Dichloropropane	9.37	76	74527	21.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	194713	106.975	ug/l	100
59) 2-Hexanone	9.49	43	318690	109.020	ug/l	100
60) Dibromochloromethane	9.58	129	39524	21.289	ug/l	100
61) 1,2-Dibromoethane	9.67	107	42906	20.919	ug/l	100
64) Tetrachloroethene	9.34	164	37948	22.401	ug/l	99
65) Chlorobenzene	10.14	112	106095	20.933	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	37593	21.143	ug/l	100
67) Ethyl Benzene	10.25	91	199965	21.159	ug/l	99
68) m/p-Xylenes	10.36	106	143668	42.280	ug/l	99
69) o-Xylene	10.69	106	69678	21.159	ug/l	98
70) Styrene	10.71	104	121679	21.436	ug/l	99
71) Bromoform	10.85	173	28459	20.957	ug/l #	100
73) Isopropylbenzene	11.02	105	187051	21.071	ug/l	100
74) N-amyl acetate	10.90	43	110375	21.133	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68363	20.249	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	58998m	20.049	ug/l	
77) Bromobenzene	11.26	156	44736	20.963	ug/l	98
78) n-propylbenzene	11.36	91	213195	20.626	ug/l	100
79) 2-Chlorotoluene	11.42	91	127979	20.460	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	156786	21.040	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	22295	20.885	ug/l	97
82) 4-Chlorotoluene	11.51	91	147500	20.372	ug/l	99
83) tert-Butylbenzene	11.77	119	147314	20.549	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	157844	20.920	ug/l	100
85) sec-Butylbenzene	11.94	105	178596	20.973	ug/l	99
86) p-Isopropyltoluene	12.06	119	161329	21.108	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	79818	20.892	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	78925	20.401	ug/l	100
89) n-Butylbenzene	12.38	91	147602	20.592	ug/l	99
90) Hexachloroethane	12.60	117	25726	20.294	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	79797	21.036	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15024	20.229	ug/l	99

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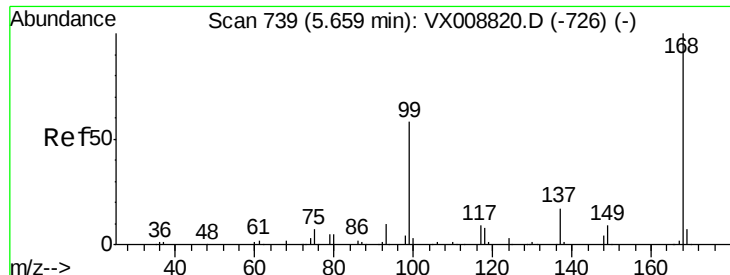
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57107	21.653	ug/l	99
94) Hexachlorobutadiene	13.78	225	28499	22.531	ug/l	99
95) Naphthalene	13.83	128	185938	21.094	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	56431	21.415	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0412MBS01

Tgt Ion:168 Resp: 157835

Ion Ratio Lower Upper

168 100

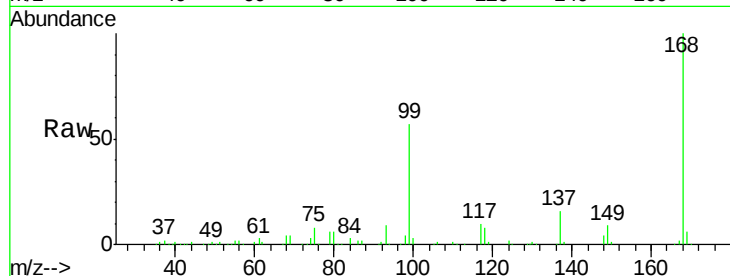
99 56.5 46.7 70.1

Manual Integrations

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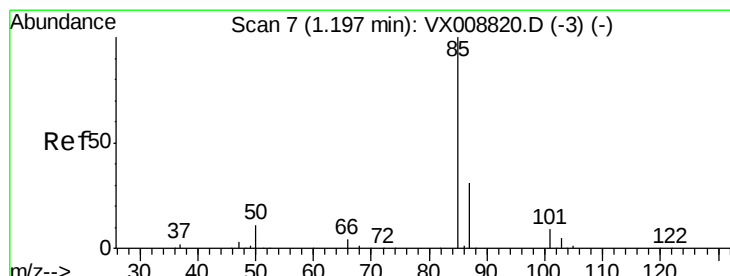
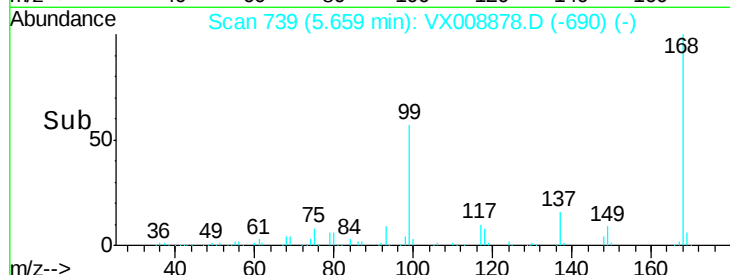
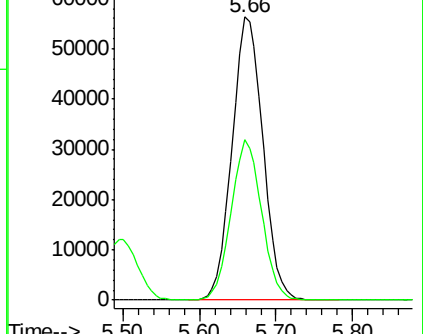
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 24.023 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008878.D

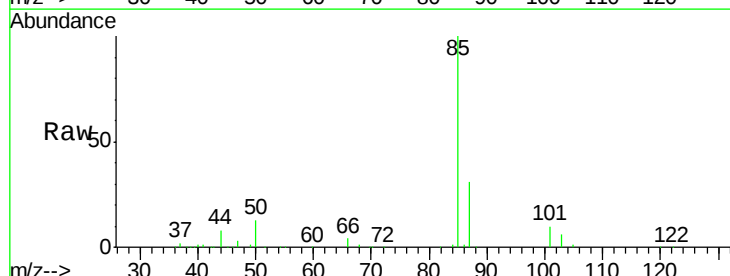
Acq: 12 Apr 2019 12:00

Tgt Ion: 85 Resp: 43645

Ion Ratio Lower Upper

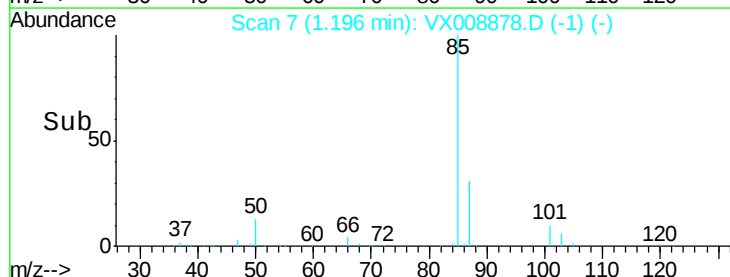
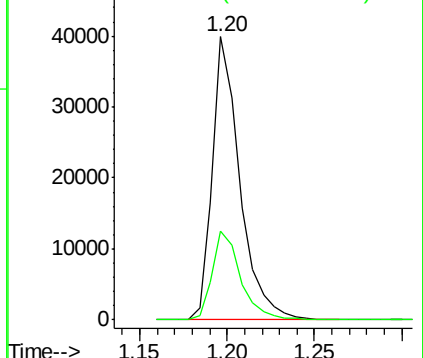
85 100

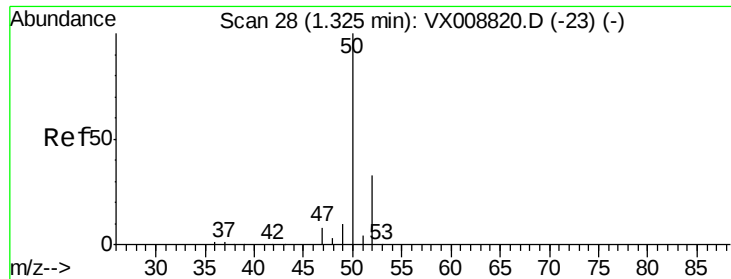
87 31.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 23.492 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0412MBS01

Tgt Ion: 50 Resp: 54301

Ion Ratio Lower Upper

50 100

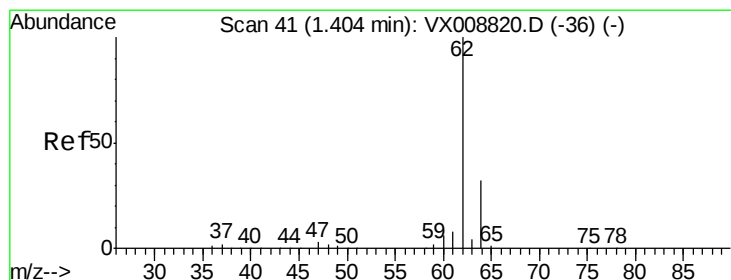
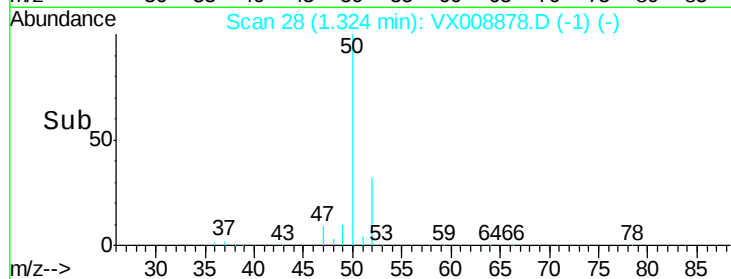
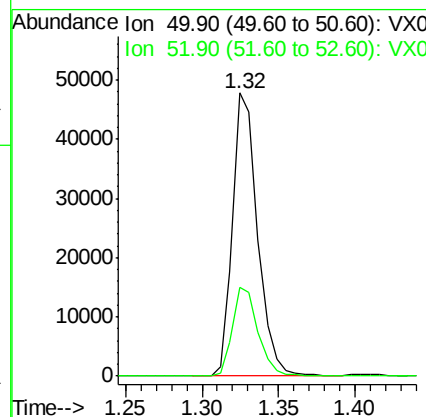
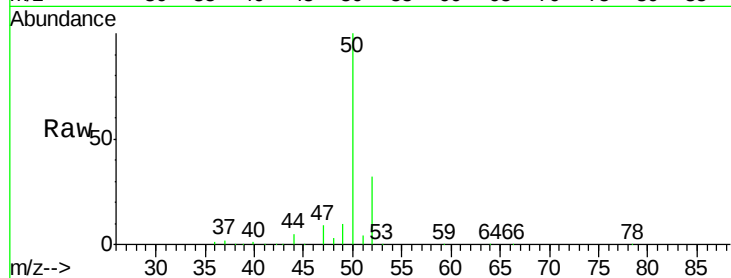
52 31.6 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.012 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008878.D

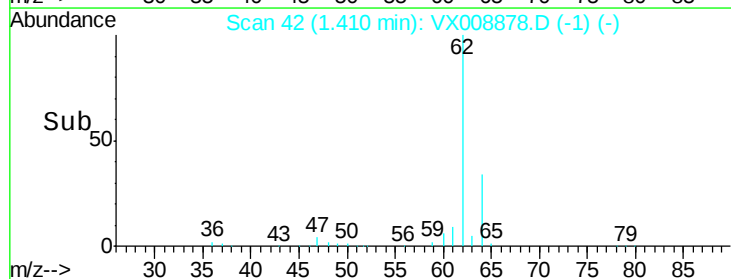
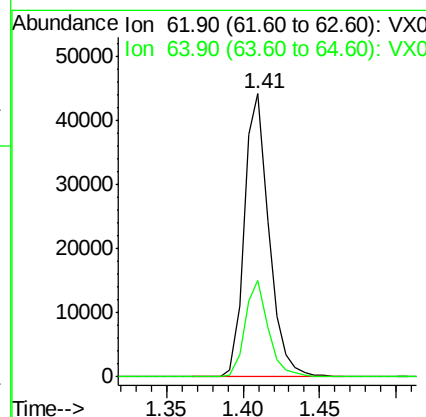
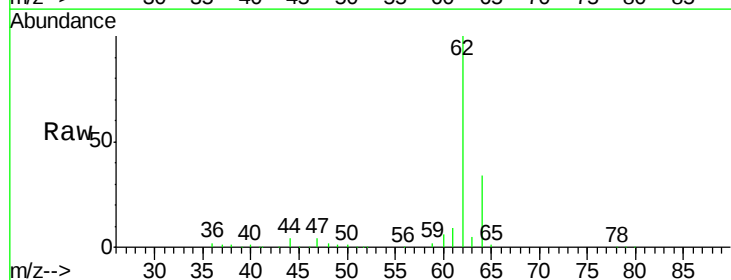
Acq: 12 Apr 2019 12:00

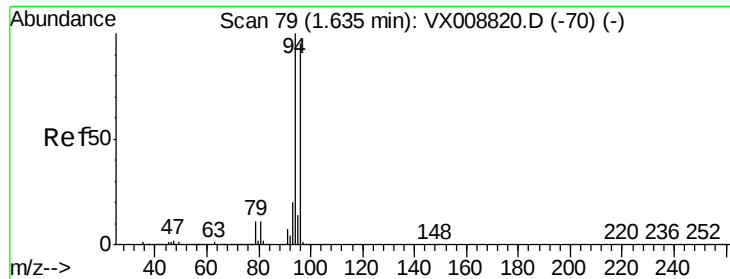
Tgt Ion: 62 Resp: 49150

Ion Ratio Lower Upper

62 100

64 34.1 24.7 37.1





#5

Bromomethane

Concen: 25.048 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0412MBS01

Tgt Ion: 94 Resp: 29121

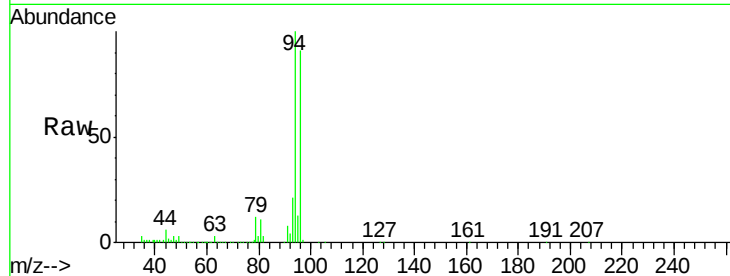
Ion Ratio Lower Upper

94 100

96 91.2 75.2 112.8

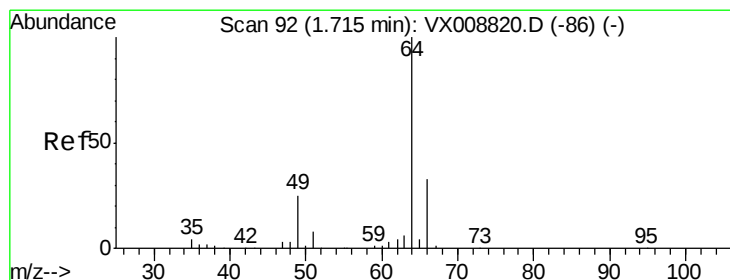
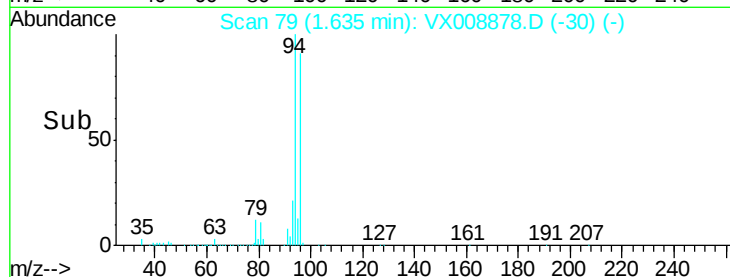
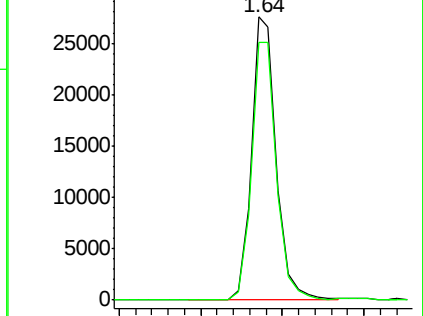
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.092 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008878.D

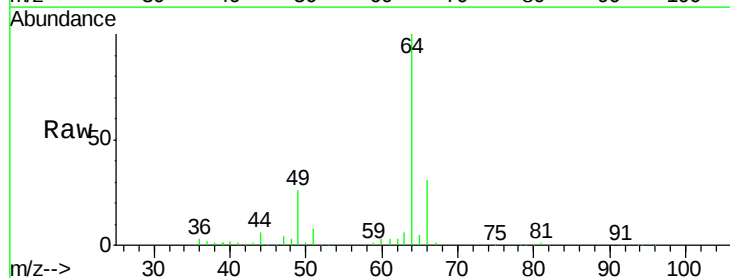
Acq: 12 Apr 2019 12:00

Tgt Ion: 64 Resp: 29378

Ion Ratio Lower Upper

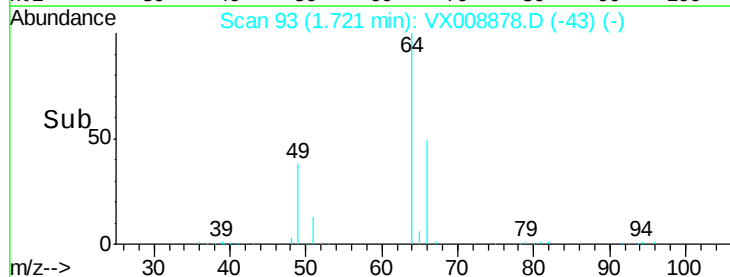
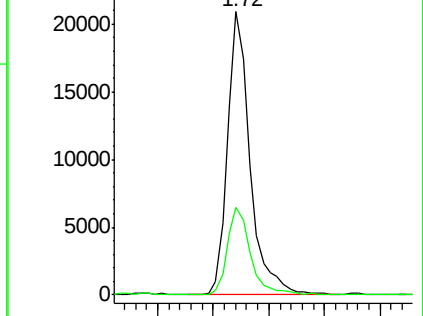
64 100

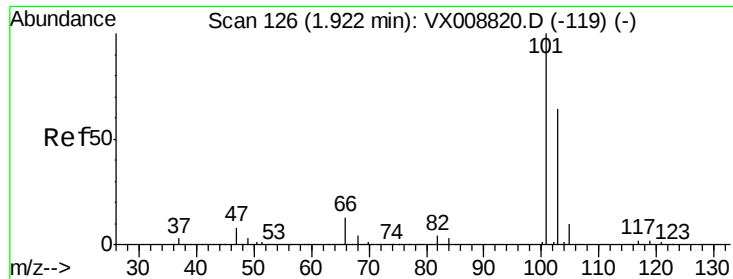
66 30.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

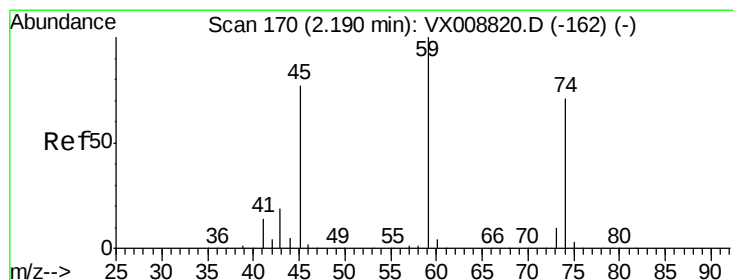
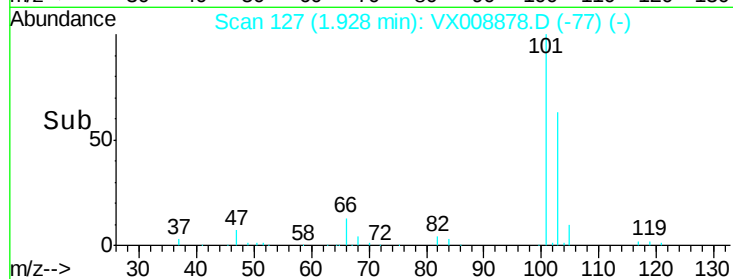
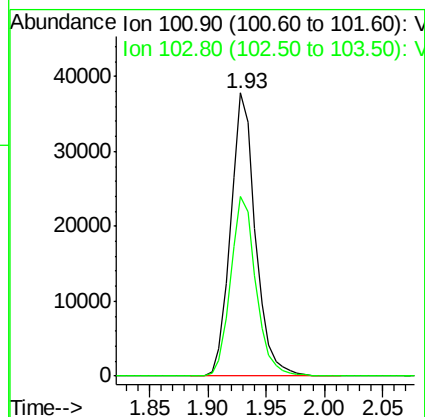
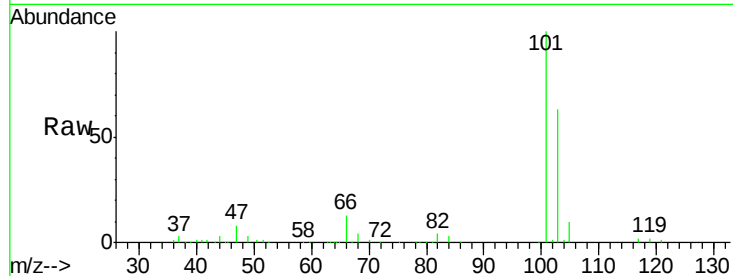
Trichlorofluoromethane
 Concen: 20.626 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412MBS01

Tgt Ion: 101 Resp: 55997
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.3 78.5

Manual Integrations
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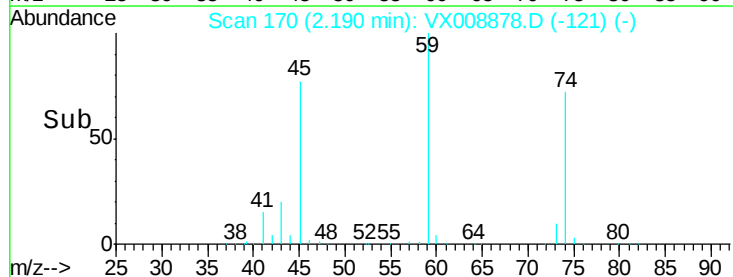
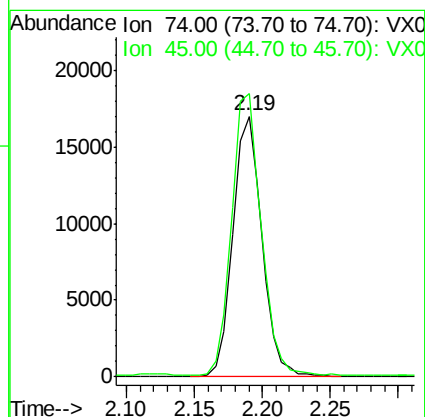
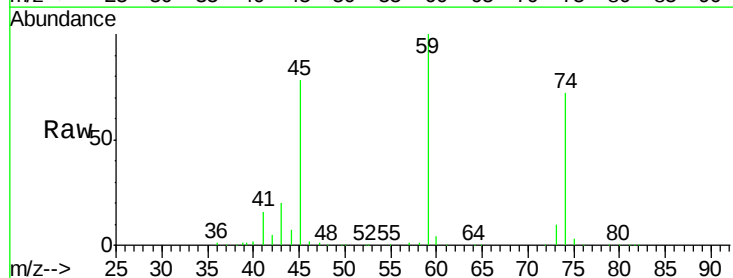
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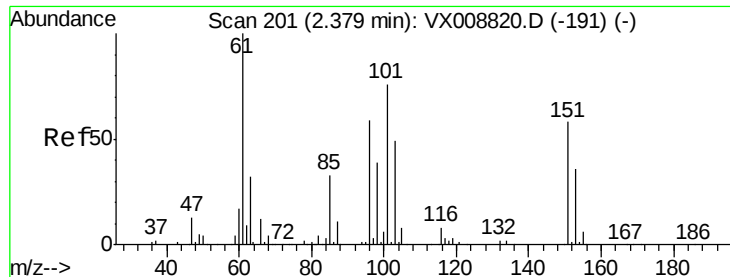


#8

Diethyl Ether
 Concen: 19.711 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Tgt Ion: 74 Resp: 25377
 Ion Ratio Lower Upper
 74 100
 45 110.1 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.204 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

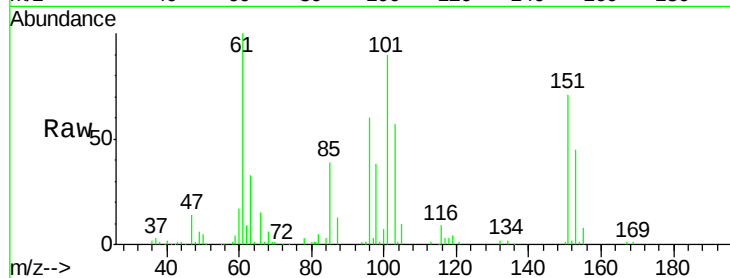
ClientSampleId :

VX0412MBS01

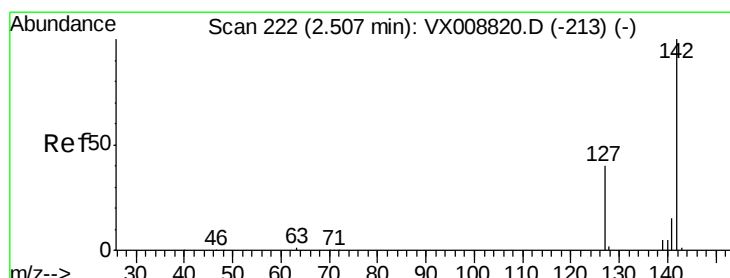
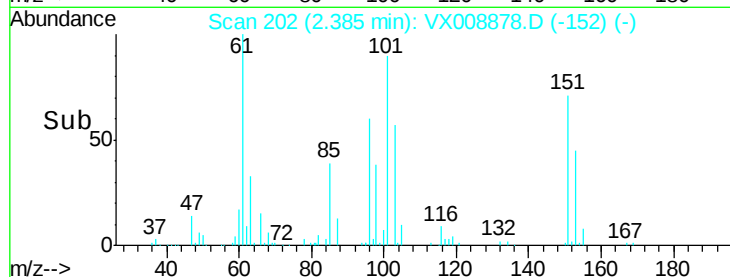
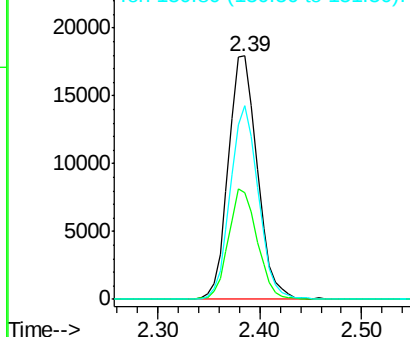
Tgt Ion:	101	Resp:	35316
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.0	54.0
151	76.8	59.9	89.9

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 26.160 ug/l

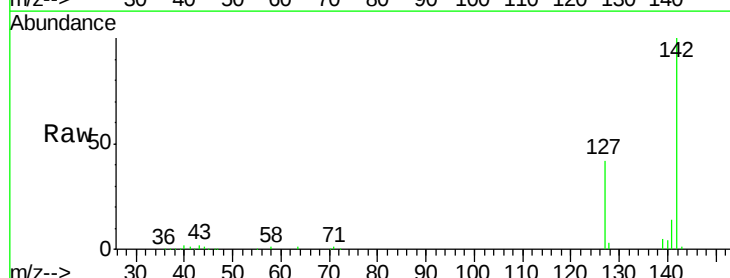
RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

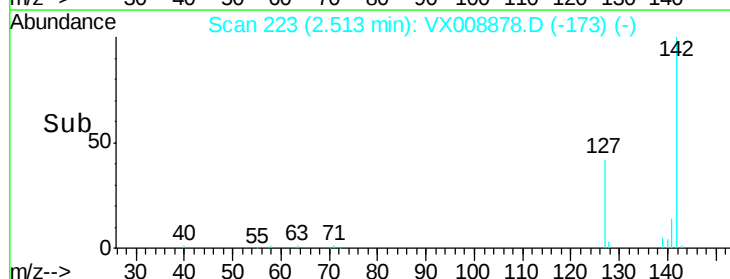
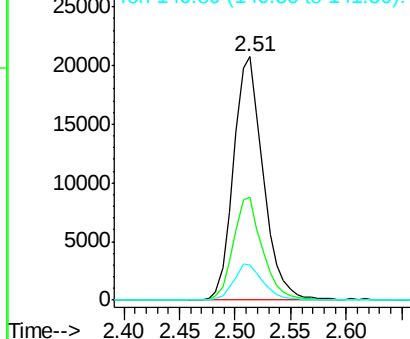
Lab File: VX008878.D

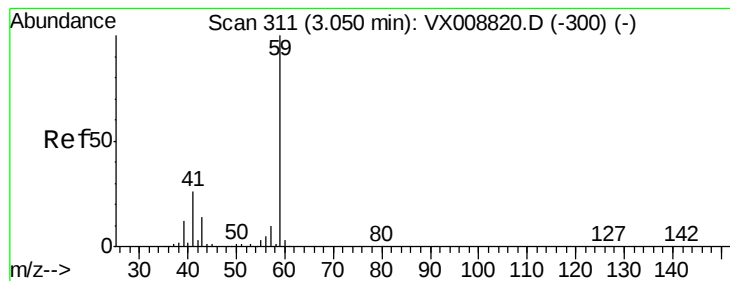
Acq: 12 Apr 2019 12:00

Tgt Ion:	142	Resp:	38343
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.0	49.6
141	14.7	11.4	17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

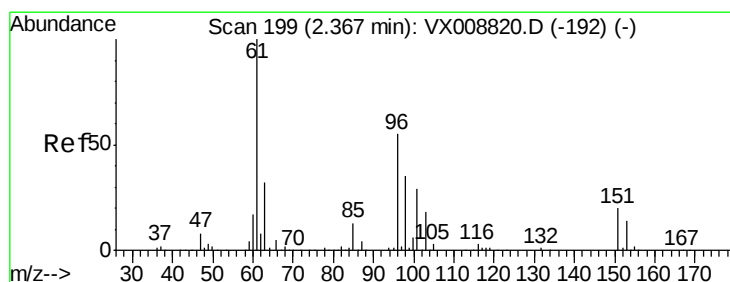
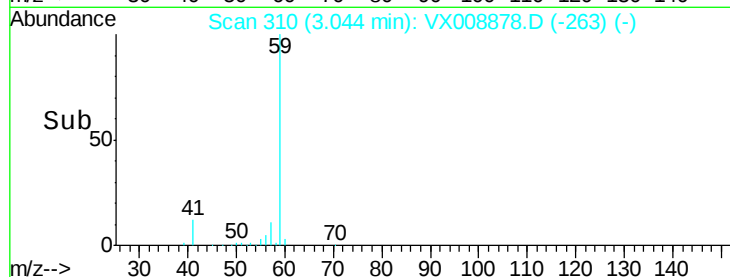
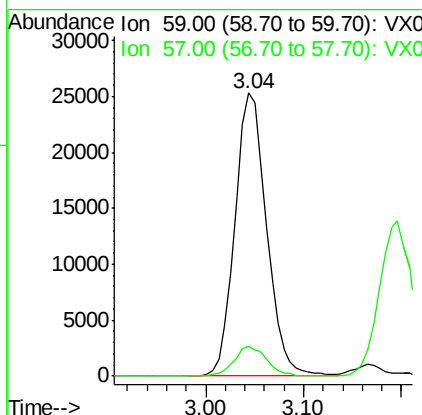
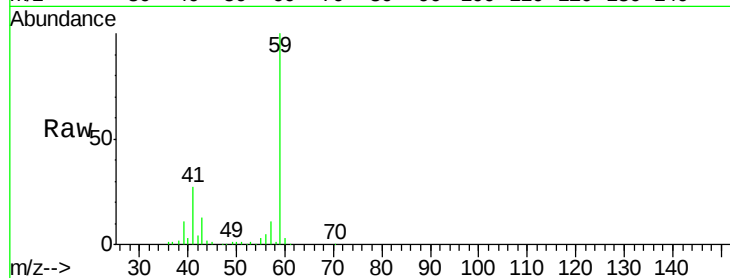
Tert butyl alcohol
Concen: 106.003 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5

Manual Integrations
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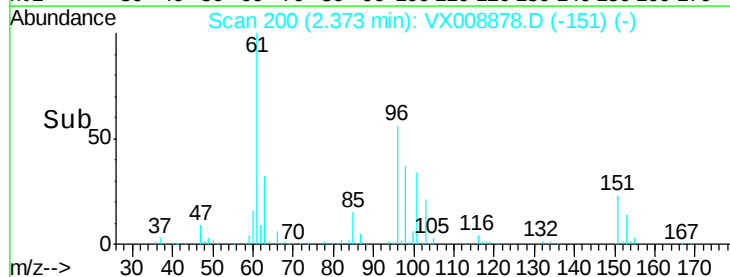
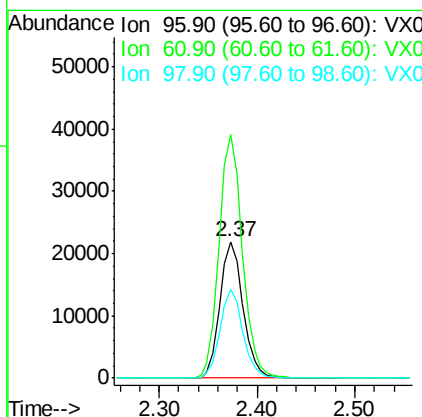
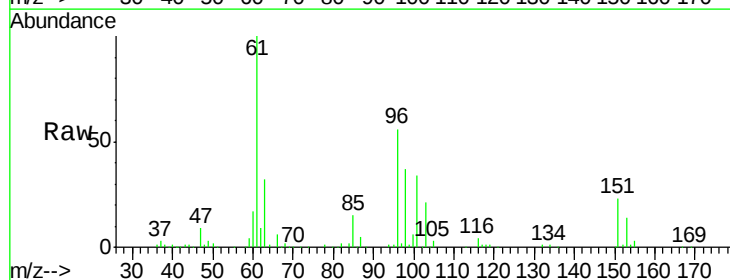
MMDadoda
4/13/2019 2:11:32 PM

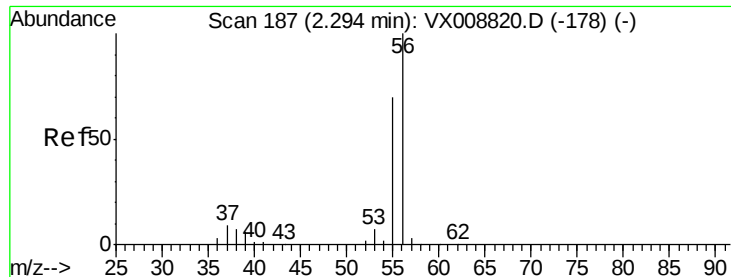


#12

1,1-Dichloroethene
Concen: 19.856 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.2	140.9	211.3
98	65.1	52.1	78.1





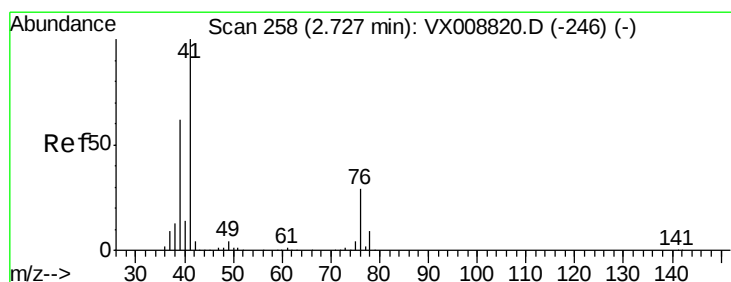
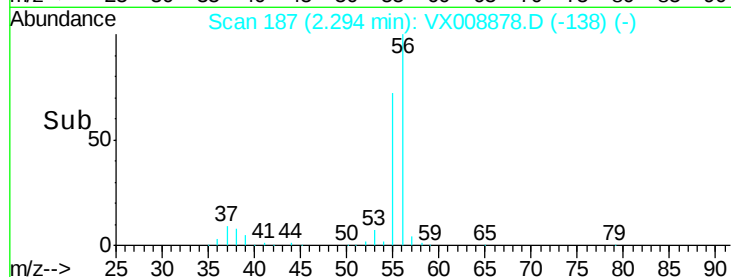
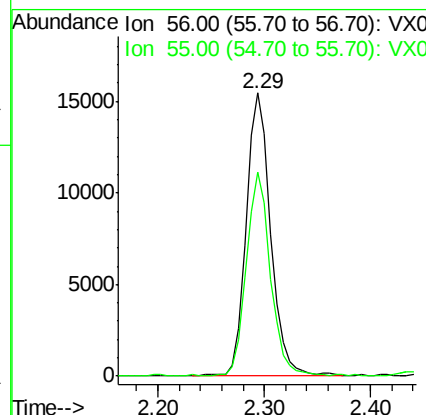
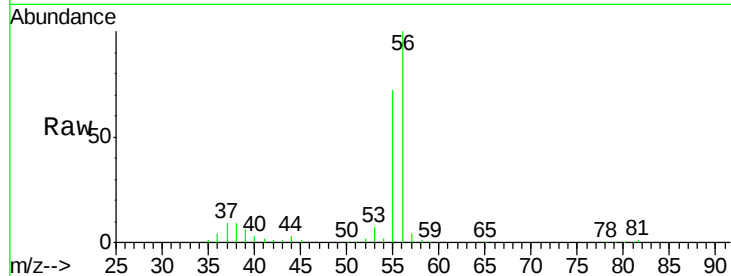
#13
Acrolein
Concen: 93.309 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Tgt Ion: 56 Resp: 24936
Ion Ratio Lower Upper
56 100
55 71.1 58.0 87.0

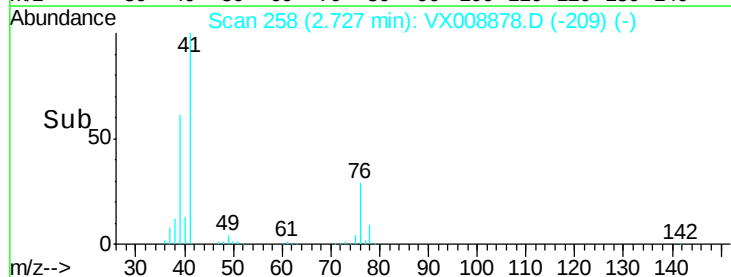
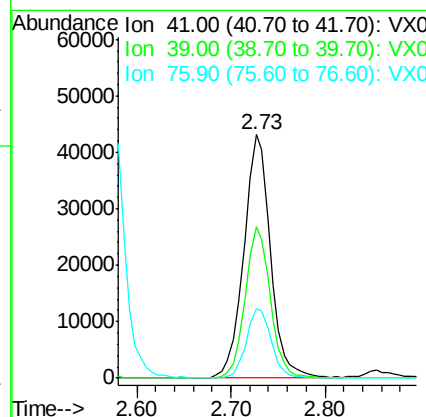
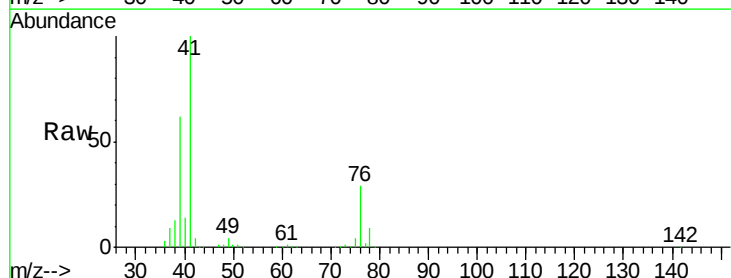
Manual Integrations
APPROVED

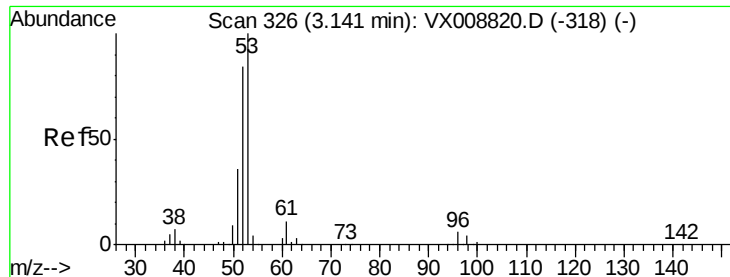
MMDadoda
4/13/2019 2:11:32 PM



#14
Allyl chloride
Concen: 20.379 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Tgt Ion: 41 Resp: 85126
Ion Ratio Lower Upper
41 100
39 58.5 48.0 72.0
76 26.8 22.0 33.0





#15

Acrylonitrile

Concen: 99.080 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

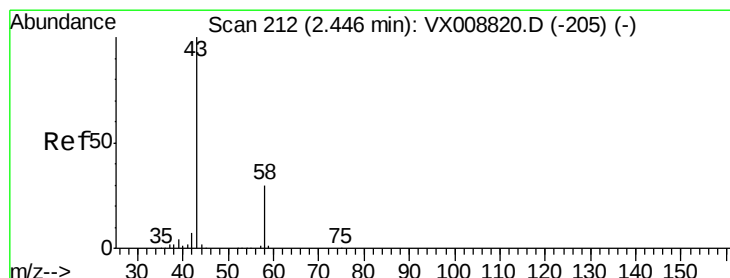
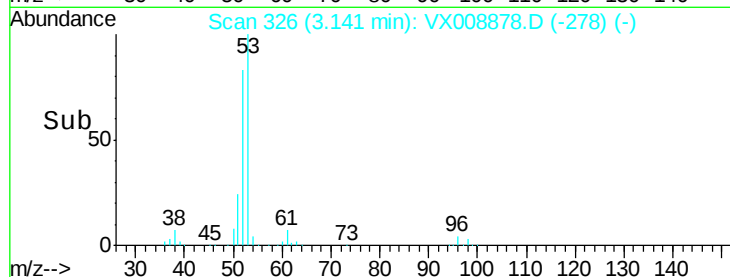
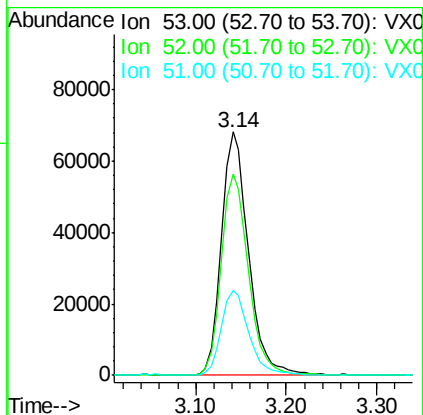
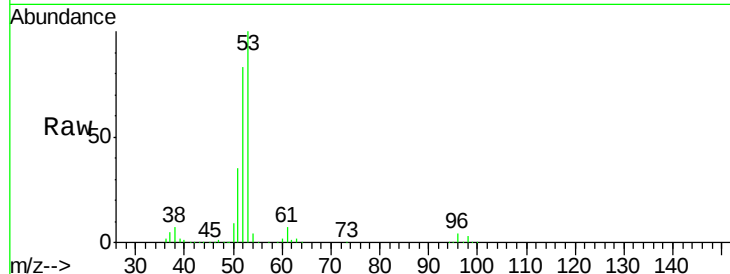
ClientSampleId :

VX0412MBS01

Tgt Ion:	53	Resp:	141465
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.5	99.7
51	36.2	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 95.084 ug/l

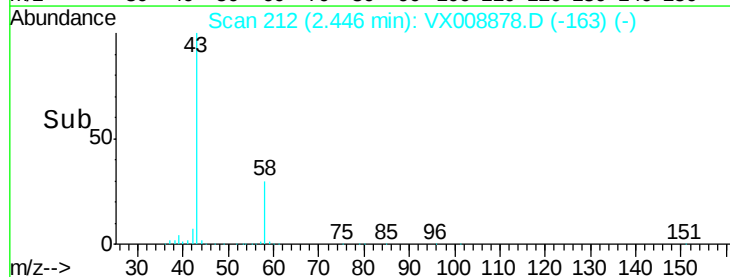
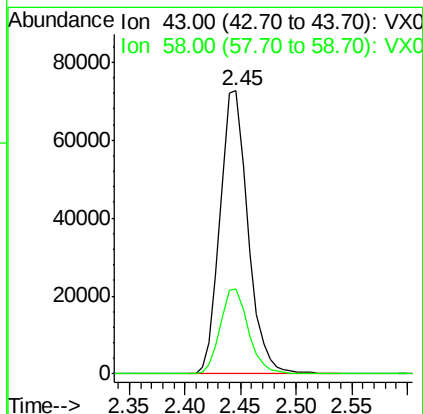
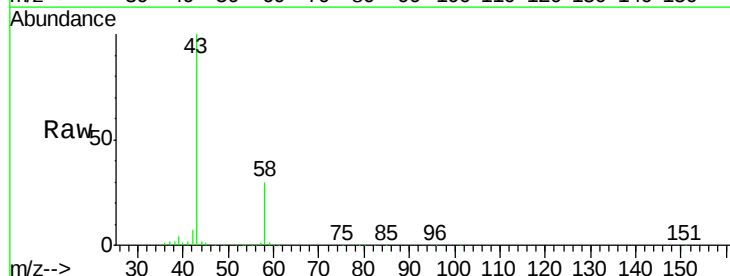
RT: 2.45 min Scan# 212

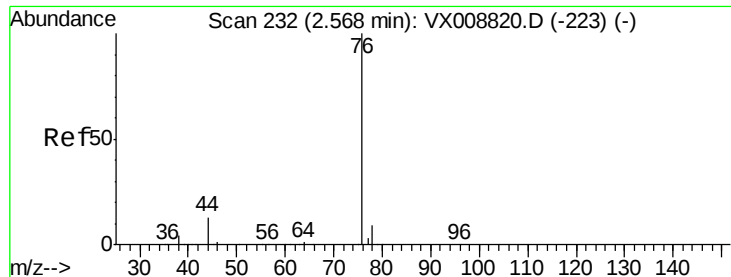
Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Tgt Ion:	43	Resp:	126077
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.8	37.2





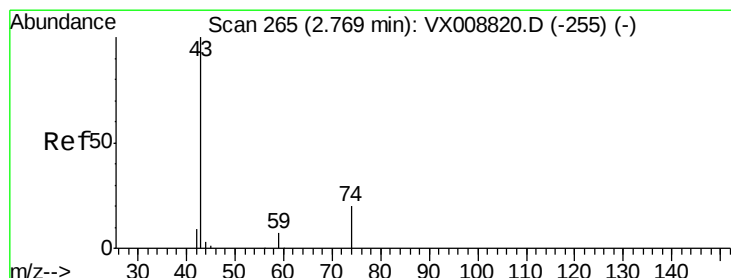
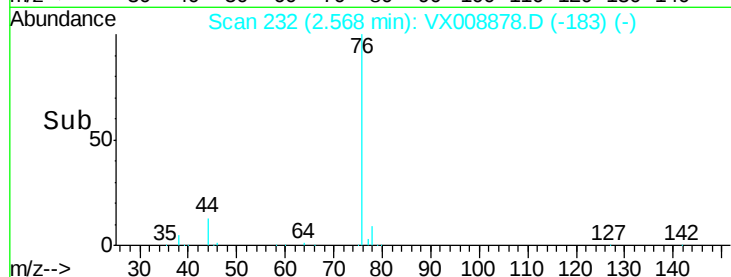
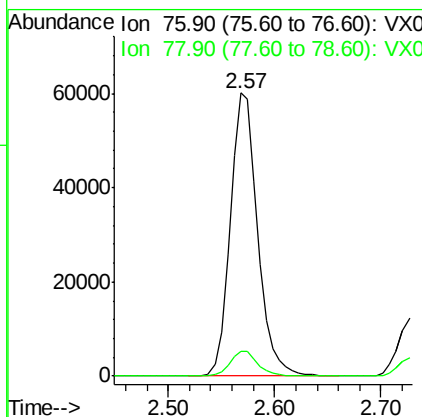
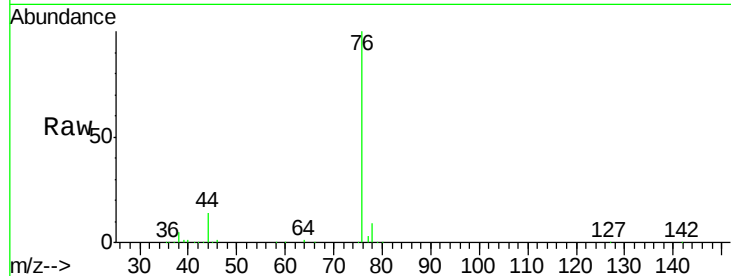
#17
Carbon Disulfide
Concen: 20.056 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Tgt Ion: 76 Resp: 108013
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

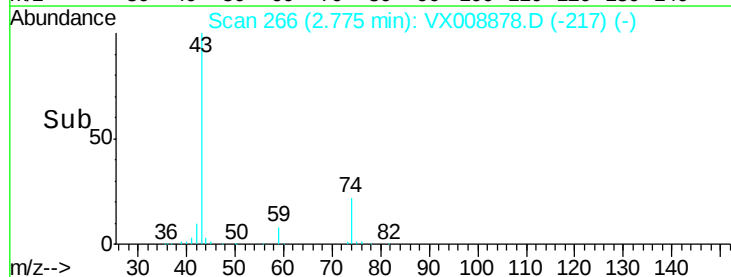
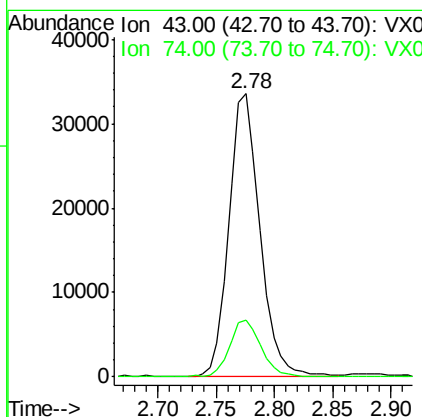
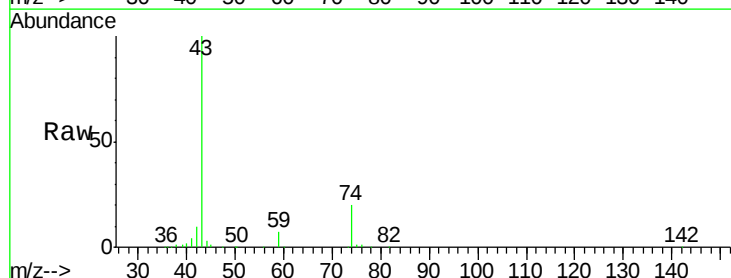
Manual Integrations
APPROVED

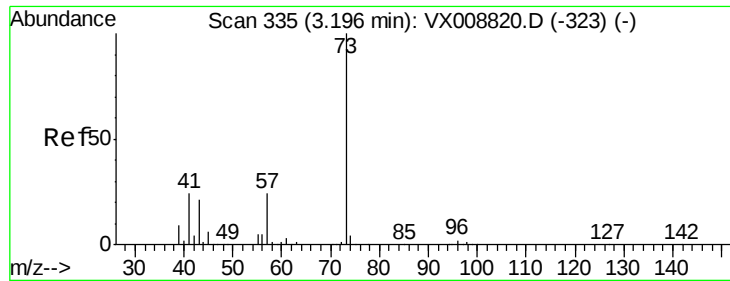
MMDadoda
4/13/2019 2:11:32 PM



#18
Methyl Acetate
Concen: 19.313 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Tgt Ion: 43 Resp: 62106
Ion Ratio Lower Upper
43 100
74 20.8 16.5 24.7





#19

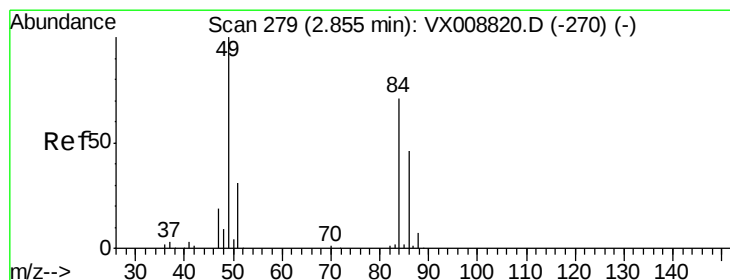
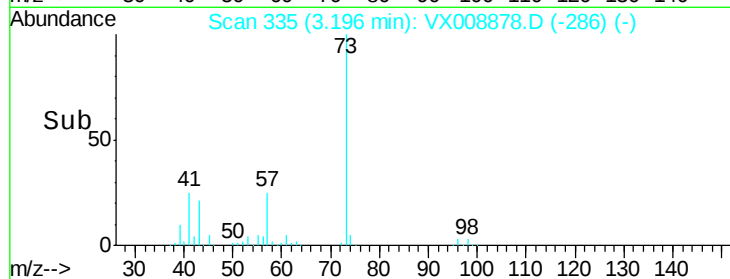
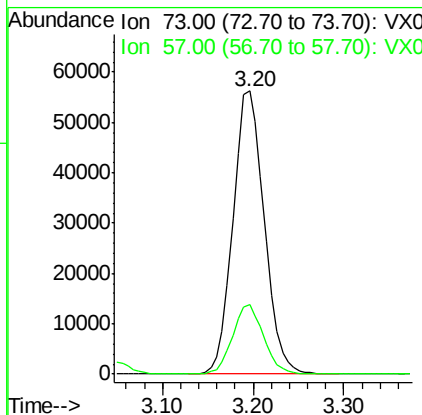
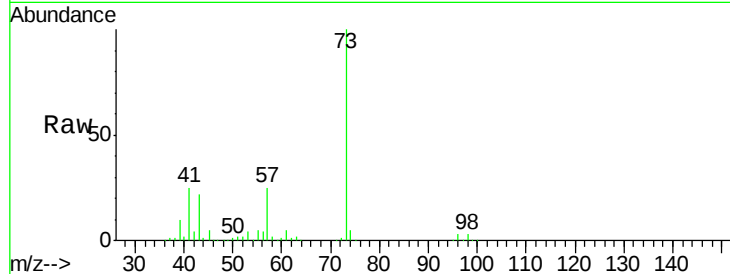
Methyl tert-butyl Ether
 Concen: 20.630 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412MBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	24.6	19.5	29.3

Manual Integrations
 APPROVED

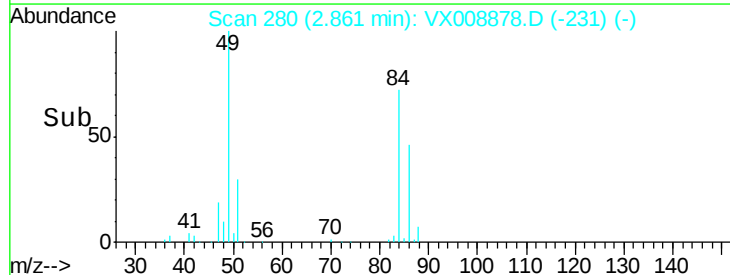
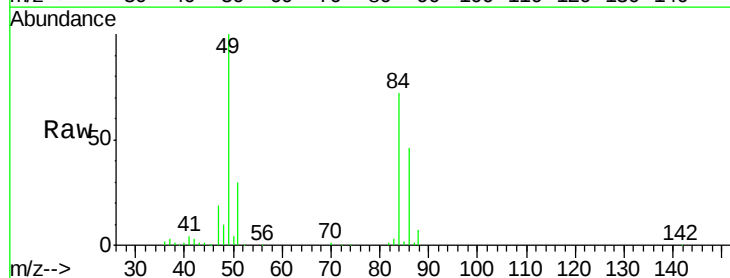
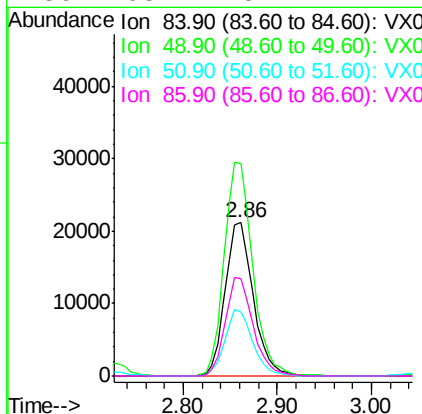
MMDadoda
 4/13/2019 2:11:32 PM

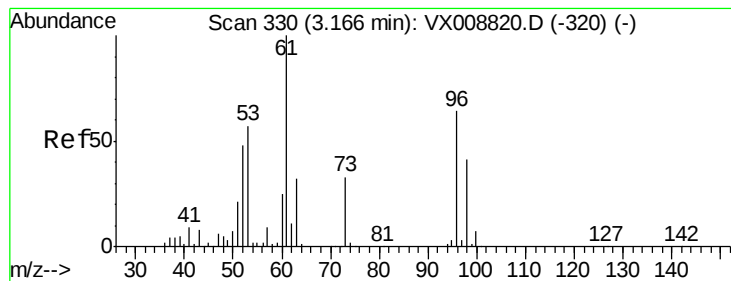


#20

Methylene Chloride
 Concen: 19.864 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.7	109.7	164.5
51	41.8	33.6	50.4
86	63.2	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 19.705 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0412MBS01

Tgt Ion: 96 Resp: 38892

Ion Ratio Lower Upper

96 100

61 154.5 132.1 198.1

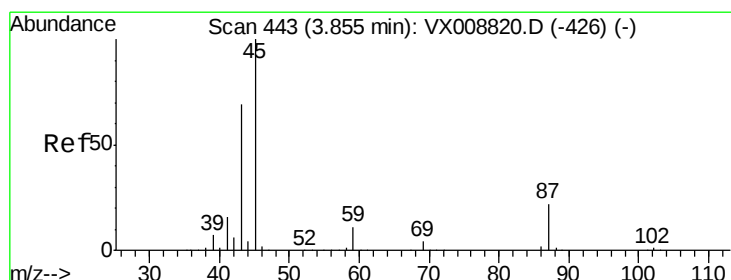
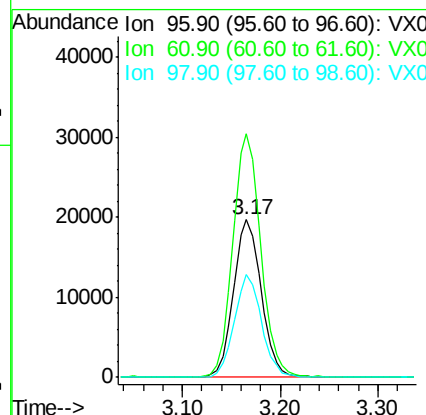
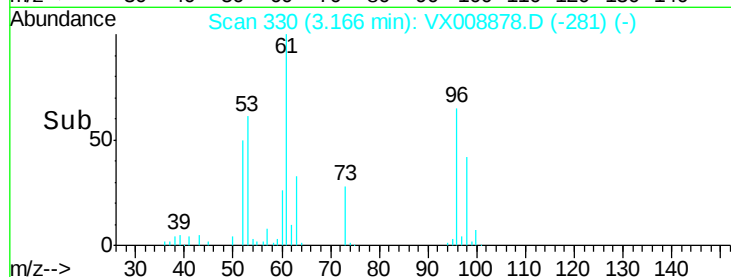
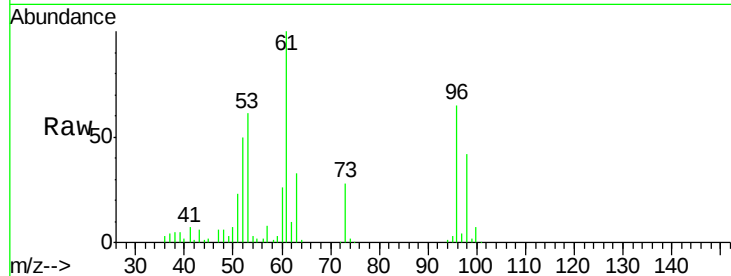
98 65.2 52.2 78.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.567 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Tgt Ion: 45 Resp: 165586

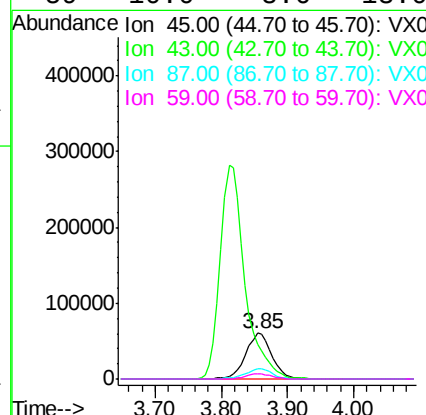
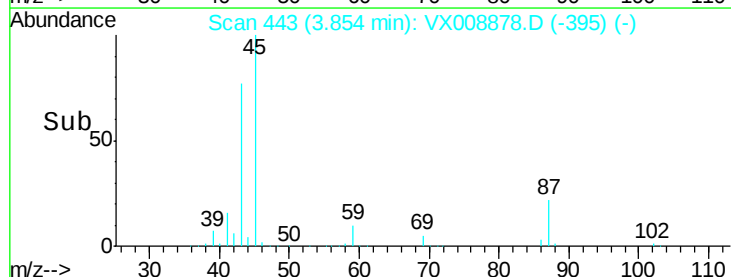
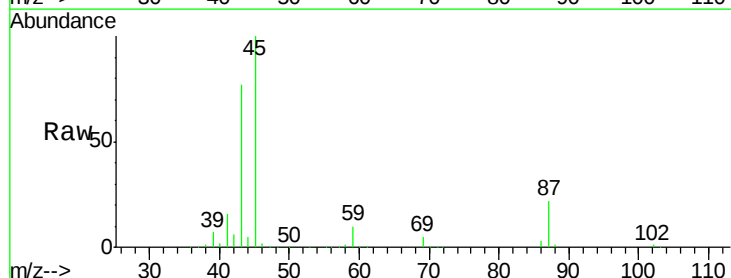
Ion Ratio Lower Upper

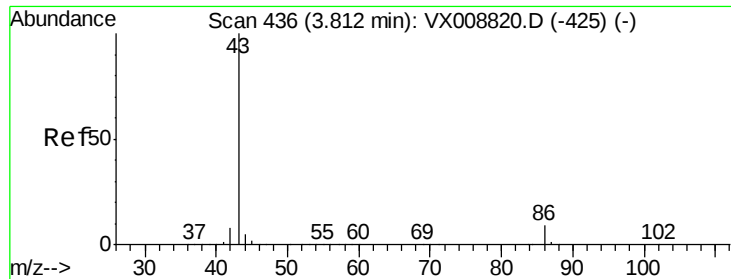
45 100

43 76.4 51.3 76.9

87 21.9 18.1 27.1

59 10.0 8.6 13.0





#23

Vinyl Acetate

Concen: 105.410 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0412MBS01

Tgt Ion: 43 Resp: 738296

Ion Ratio Lower Upper

43 100

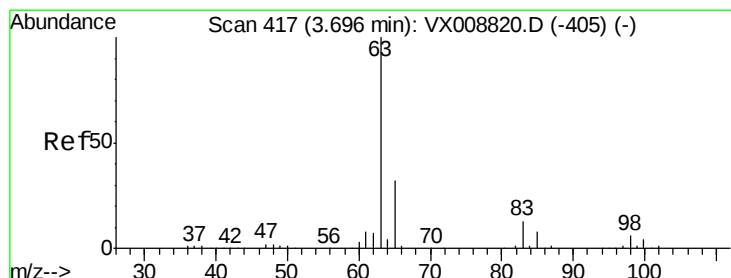
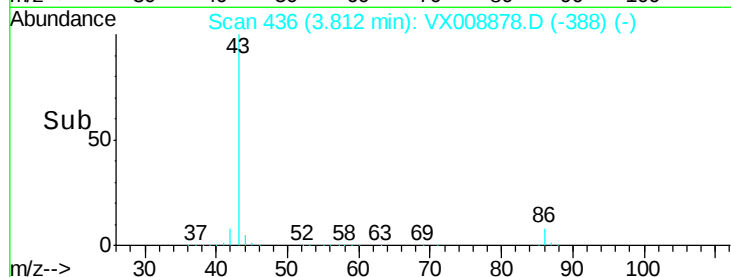
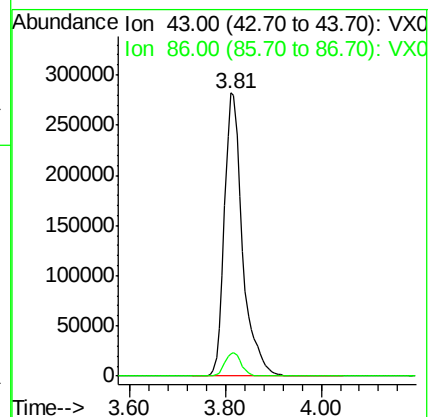
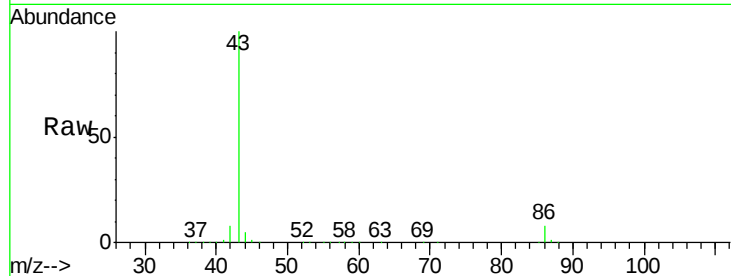
86 8.0 7.0 10.6

Manual Integrations

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4/13/2019 2:11:32 PM



#24

1,1-Dichloroethane

Concen: 20.014 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

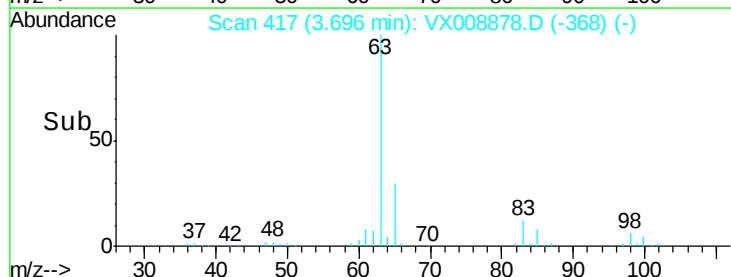
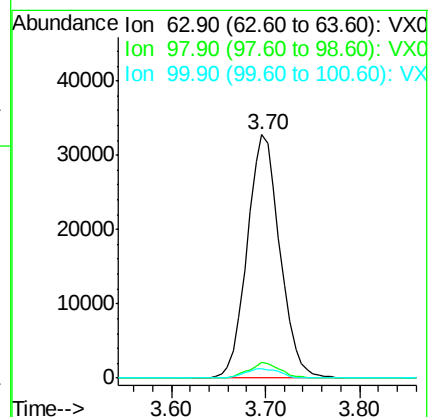
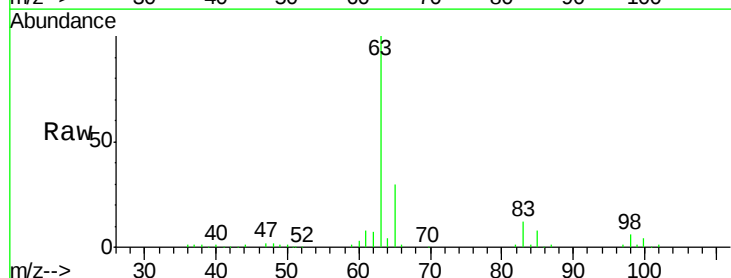
Tgt Ion: 63 Resp: 79782

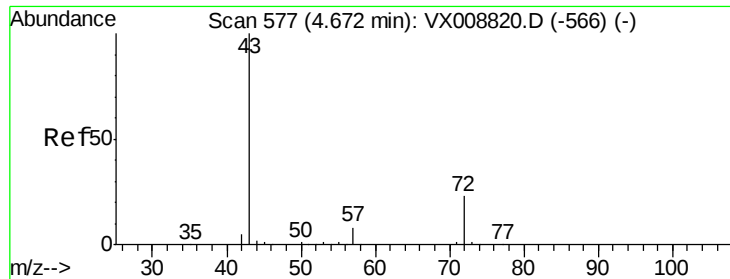
Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.4

100 3.8 1.8 5.5





#25

2-Butanone

Concen: 100.671 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0412MBS01

Tgt Ion: 43 Resp: 210976

Ion Ratio Lower Upper

43 100

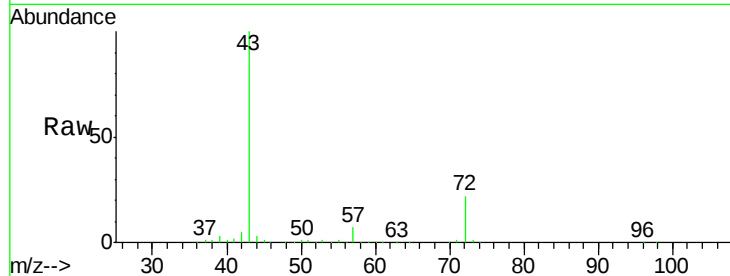
72 21.6 18.2 27.4

Manual Integrations

APPROVED

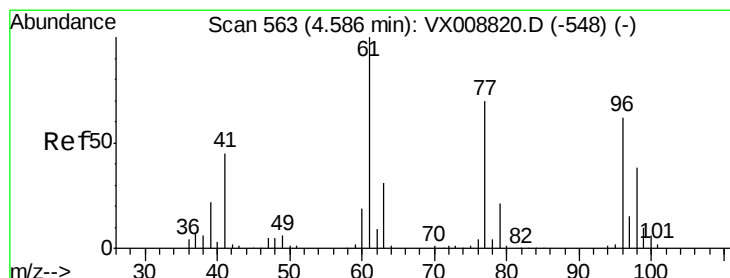
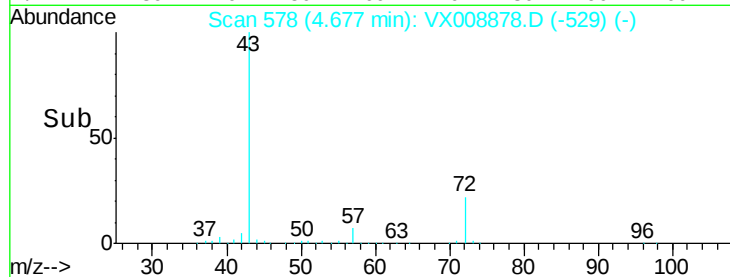
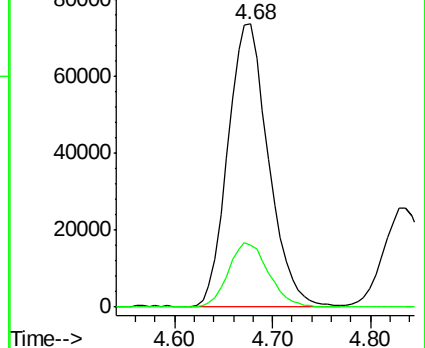
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.222 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008878.D

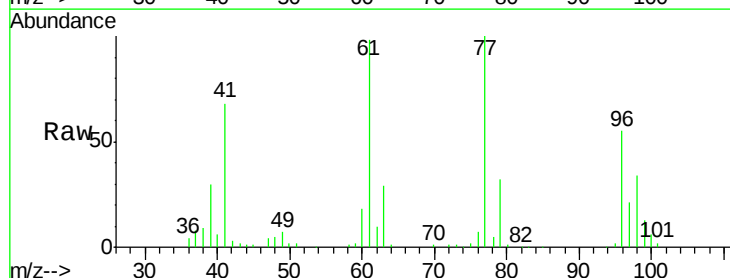
Acq: 12 Apr 2019 12:00

Tgt Ion: 77 Resp: 56775

Ion Ratio Lower Upper

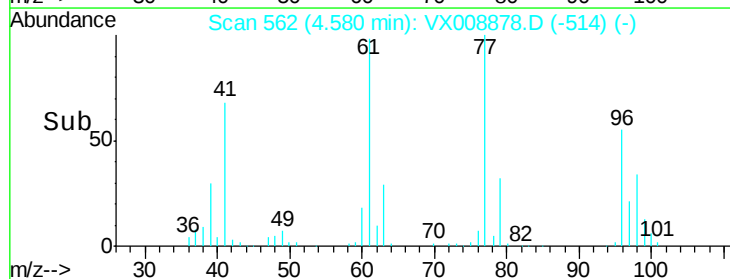
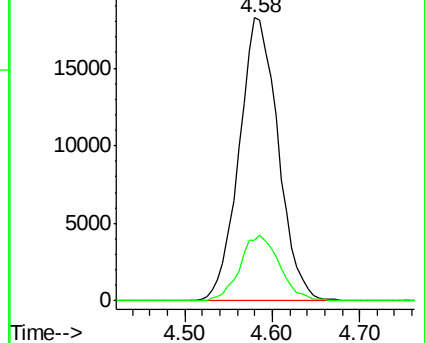
77 100

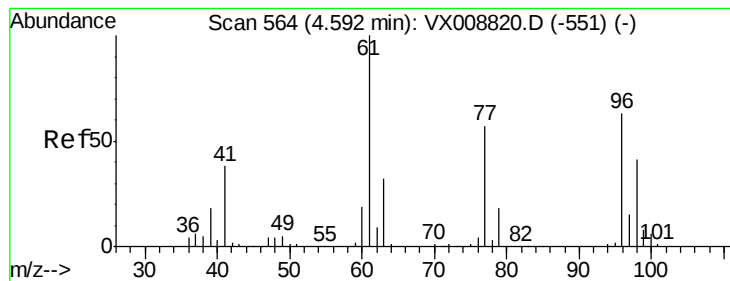
97 23.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

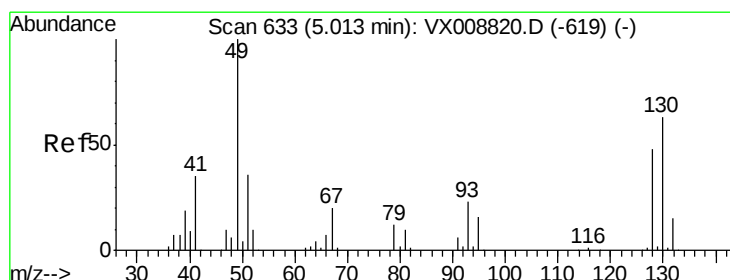
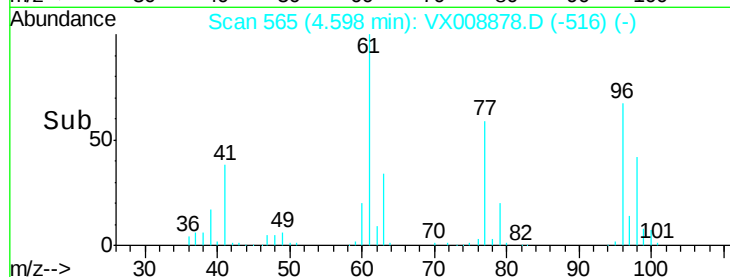
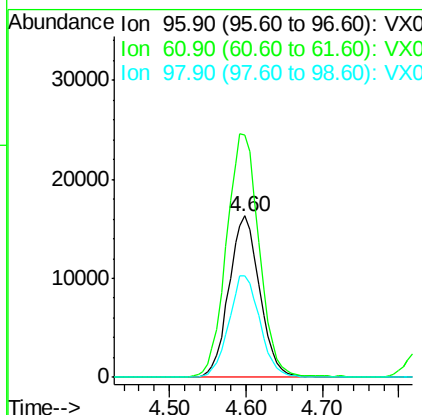
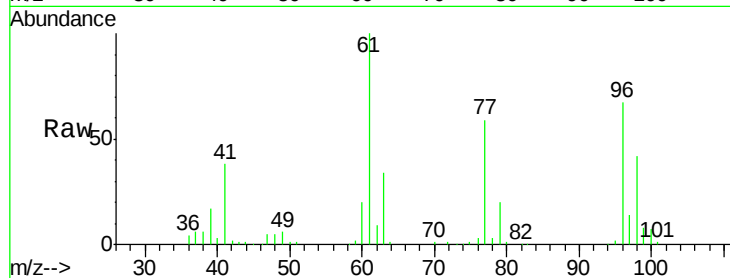
cis-1,2-Dichloroethene
Concen: 20.023 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.2	0.0	327.6
98	63.7	0.0	128.6

Manual Integrations
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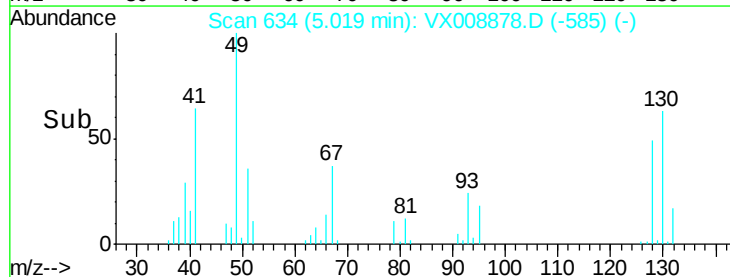
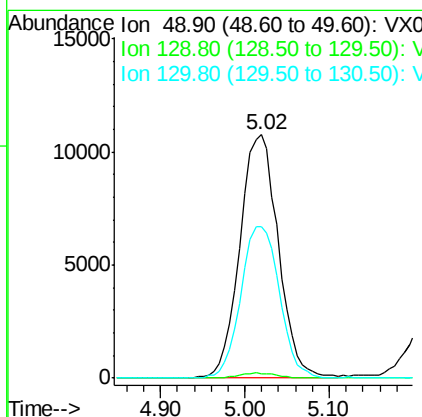
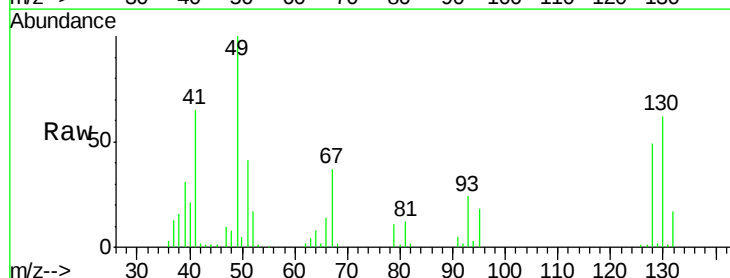
MMDadoda
4/13/2019 2:11:32 PM

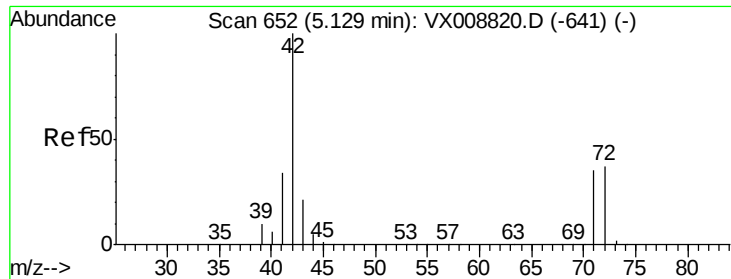


#28

Bromochloromethane
Concen: 18.116 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	62.4	49.3	73.9





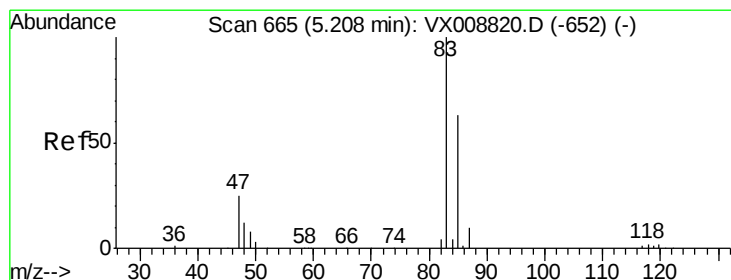
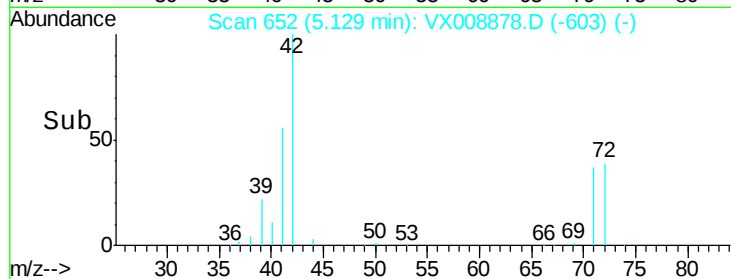
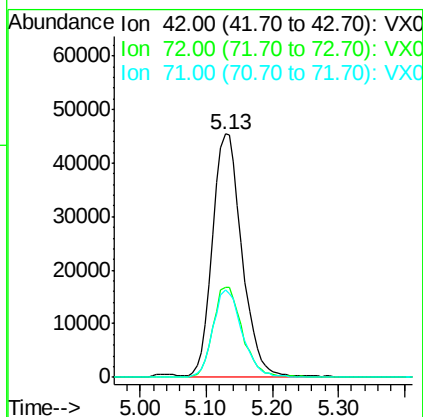
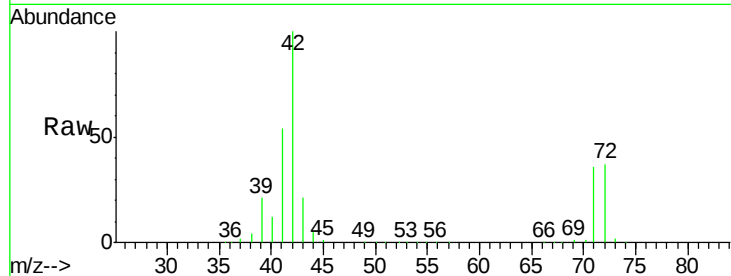
#29
Tetrahydrofuran
Concen: 100.595 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.3	30.5	45.7
71	35.6	28.6	43.0

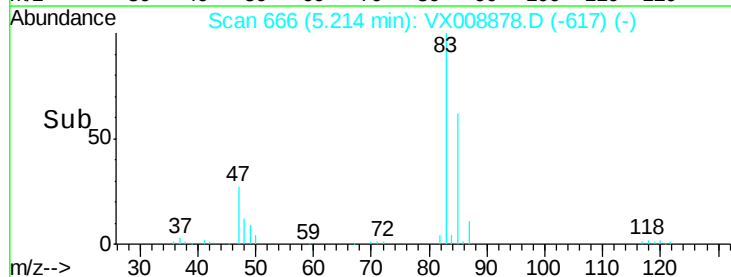
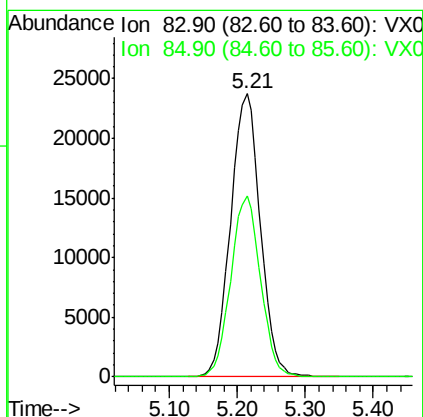
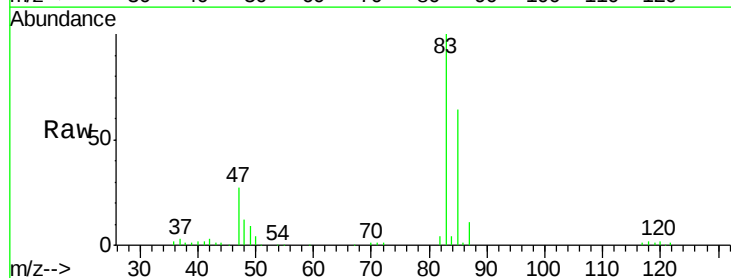
Manual Integrations
APPROVED

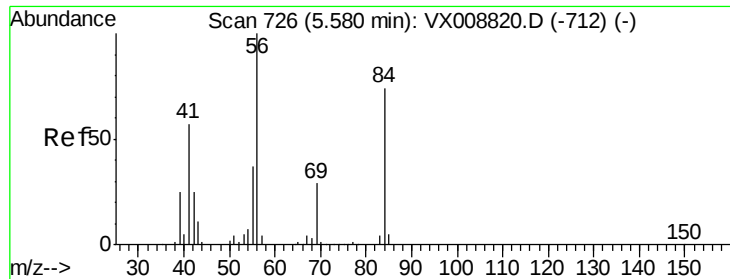
MMDadoda
4/13/2019 2:11:32 PM



#30
Chloroform
Concen: 20.281 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.1	78.1





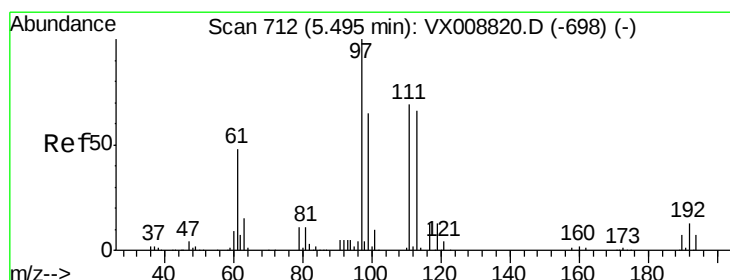
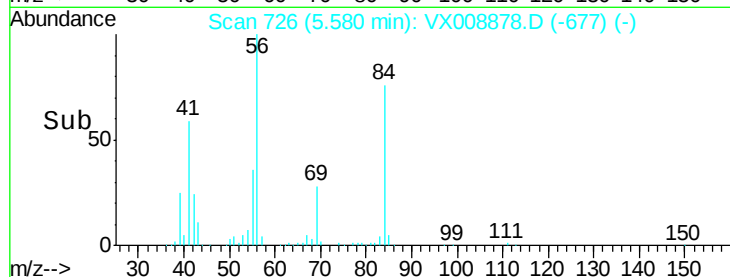
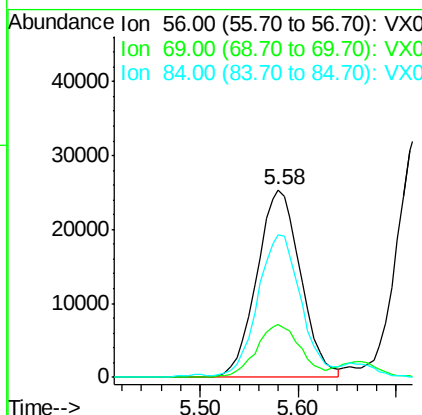
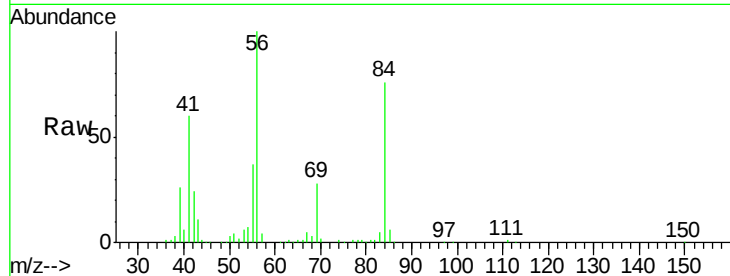
#31
Cyclohexane
Concen: 19.944 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.5	22.6	33.8
84	74.7	59.3	88.9

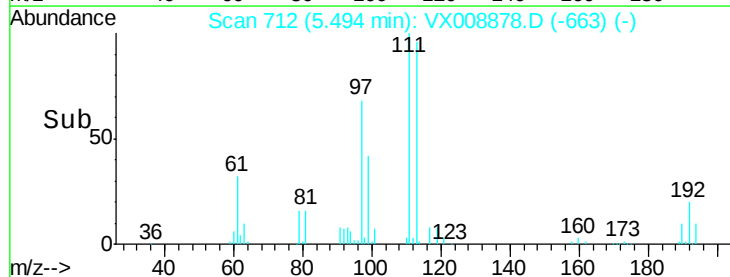
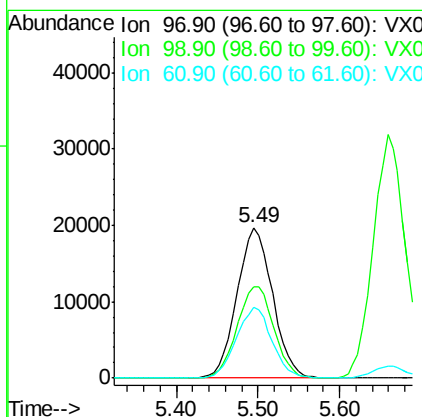
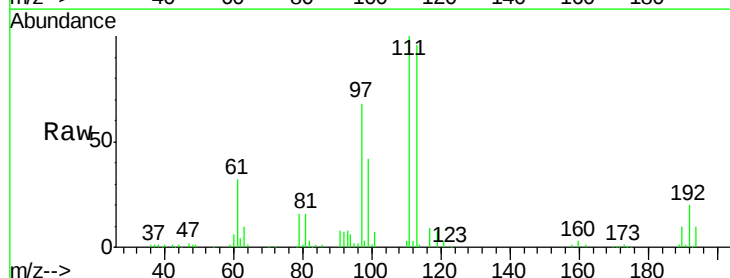
Manual Integrations
APPROVED

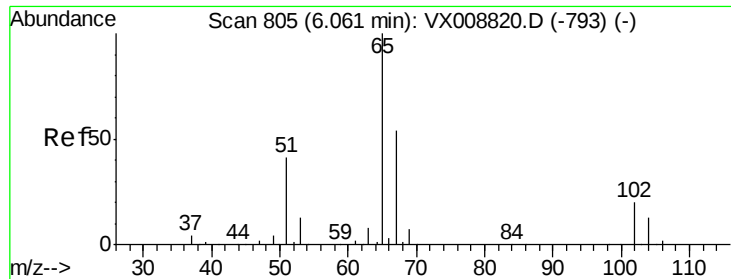
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#32
1,1,1-Trichloroethane
Concen: 20.685 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.3	76.9
61	47.3	38.9	58.3





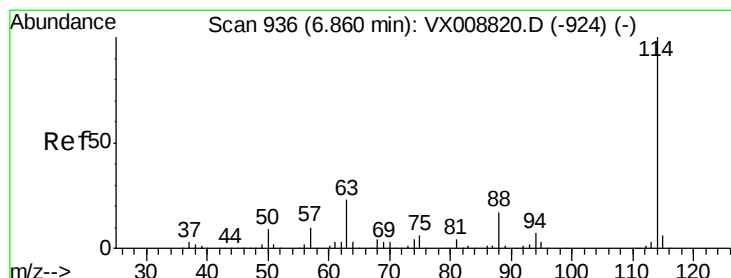
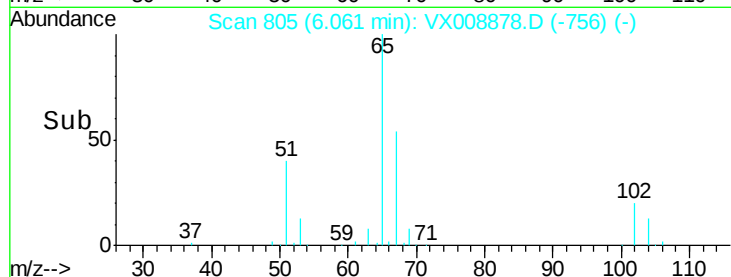
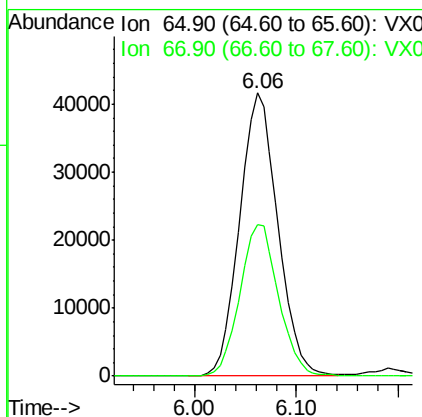
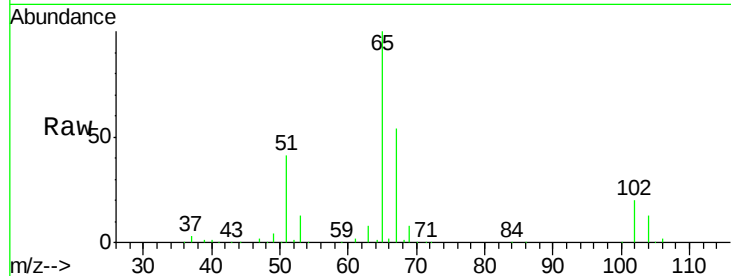
#33
 1,2-Dichloroethane-d4
 Concen: 47.067 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	108354		
67	54.4	0.0	107.2	

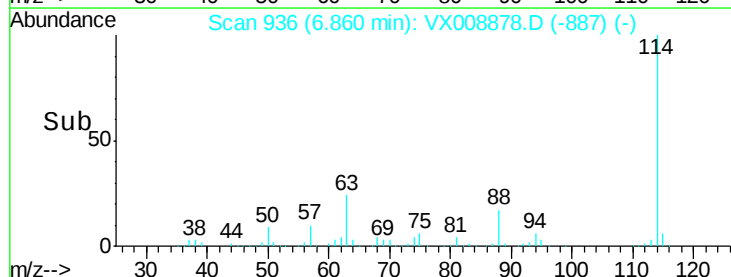
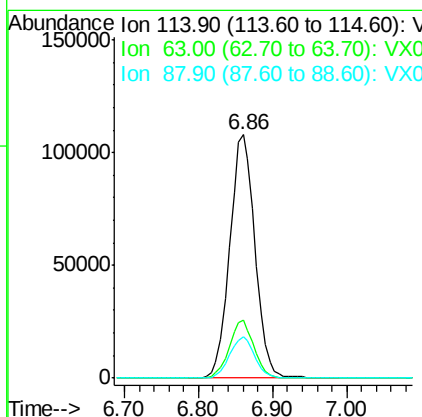
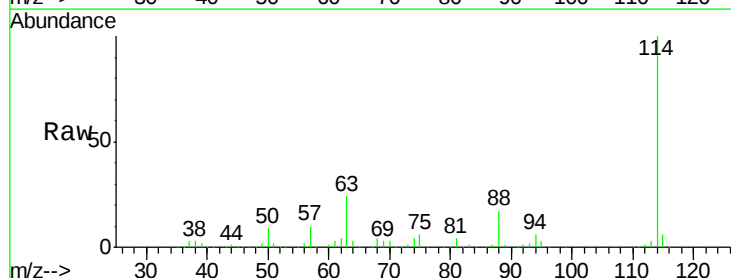
Manual Integrations
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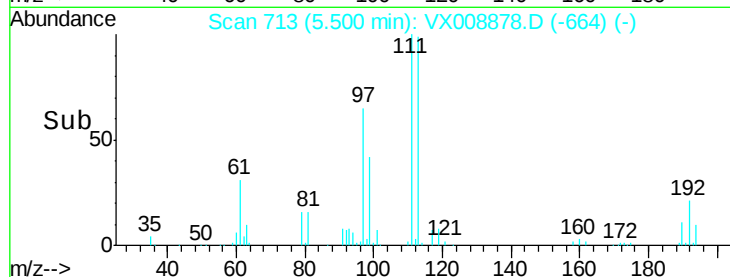
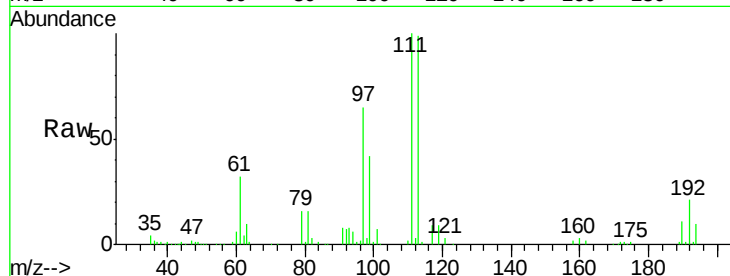
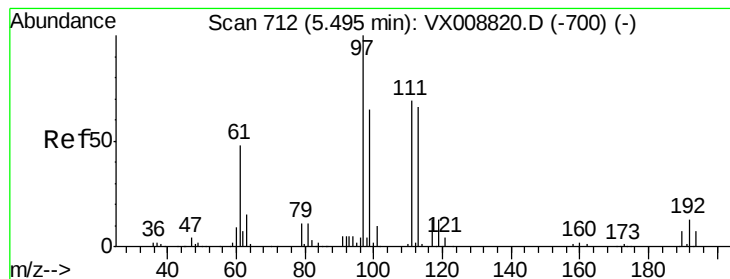
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	255650		
63	23.7	0.0	47.2	
88	17.0	0.0	34.0	





#35

Dibromofluoromethane

Concen: 49.395 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008878.D

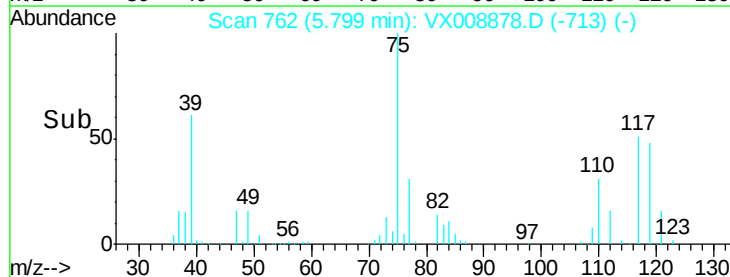
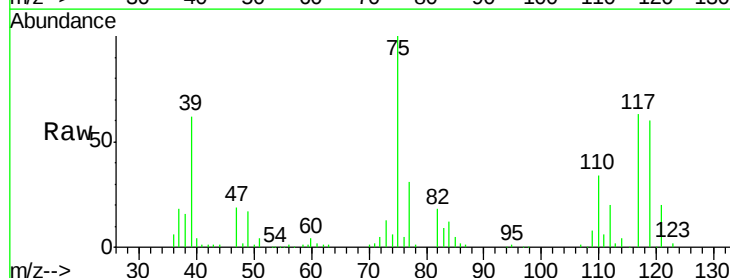
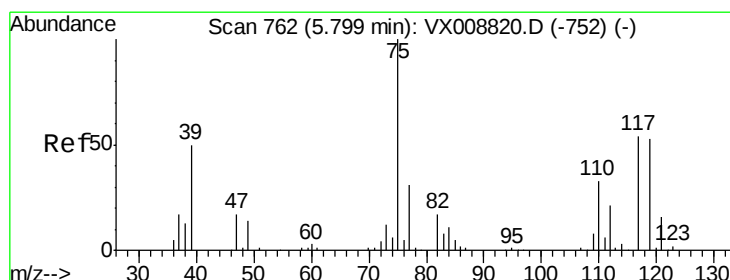
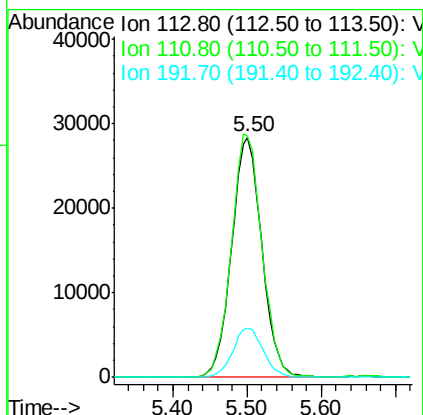
Acq: 12 Apr 2019 12:00

Tgt Ion:	113	Resp:	80738
Ion Ratio	Lower	Upper	
113	100		
111	102.5	83.4	125.2
192	20.7	16.1	24.1

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.005 ug/l

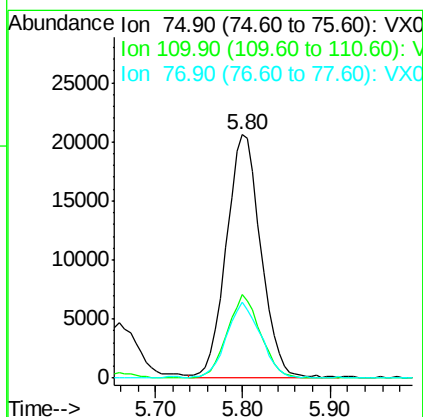
RT: 5.80 min Scan# 762

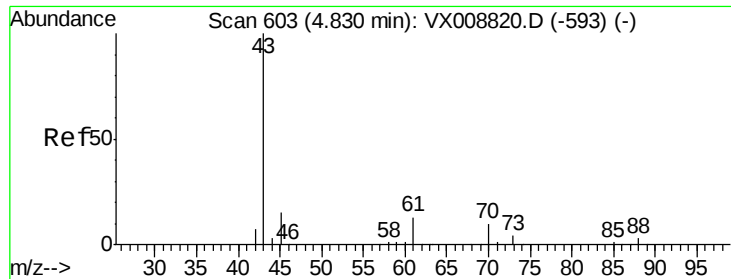
Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Tgt Ion:	75	Resp:	55903
Ion Ratio	Lower	Upper	
75	100		
110	33.5	16.4	49.2
77	31.2	24.7	37.1





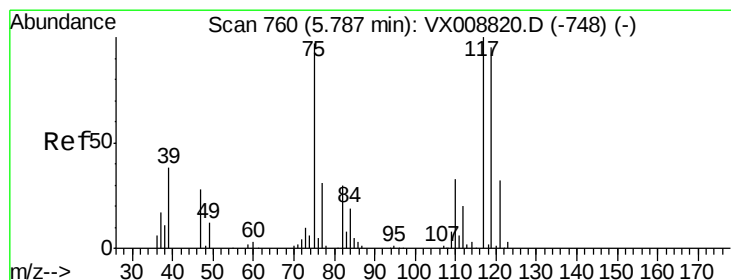
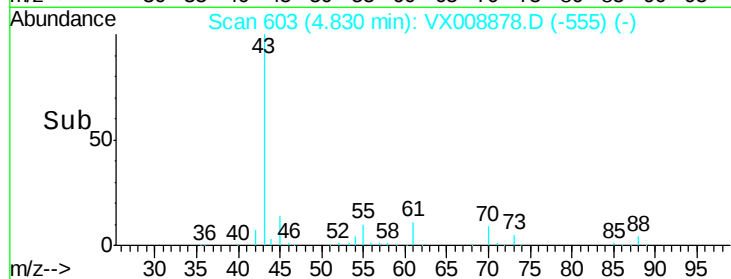
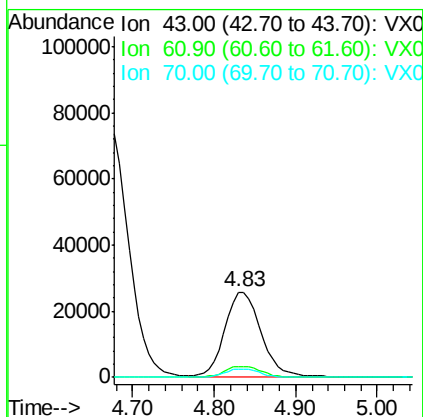
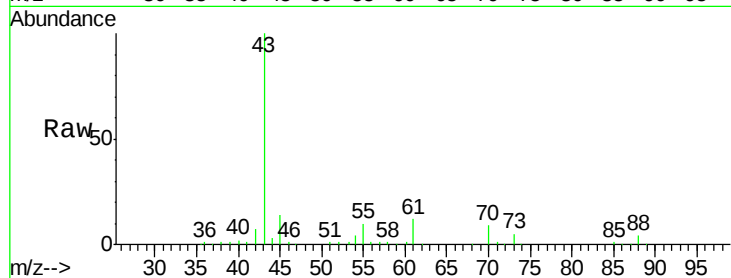
#37
Ethyl Acetate
Concen: 21.063 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.3	15.5
70	9.8	7.6	11.4

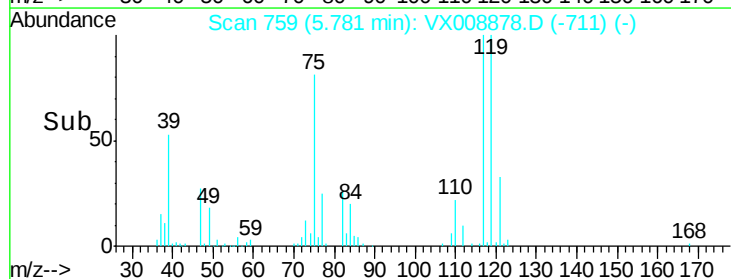
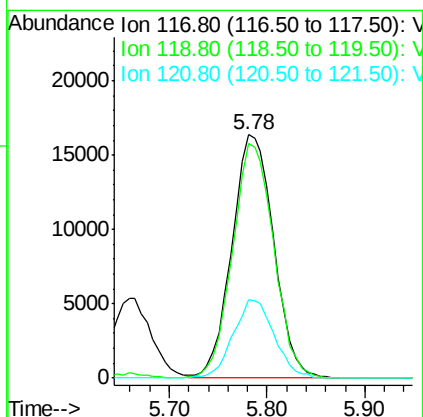
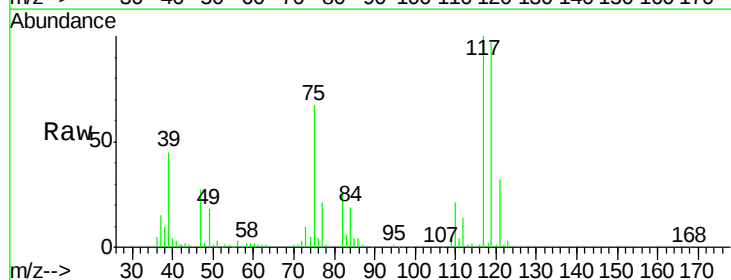
Manual Integrations
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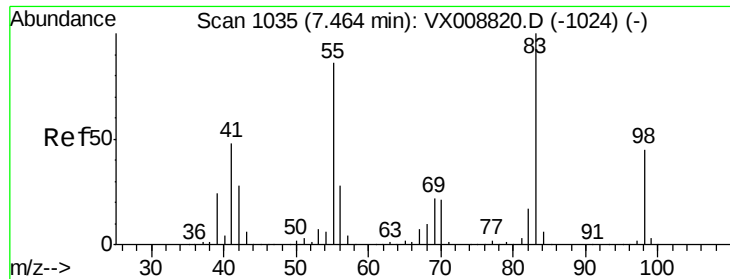
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4/13/2019 2:11:32 PM



#38
Carbon Tetrachloride
Concen: 21.036 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.0	112.6
121	32.4	24.3	36.5





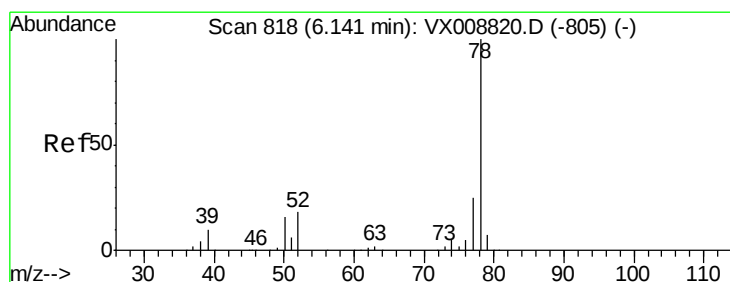
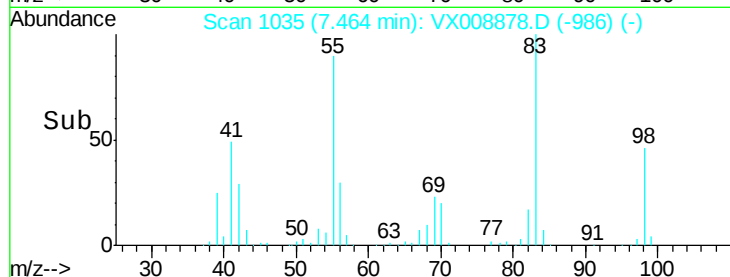
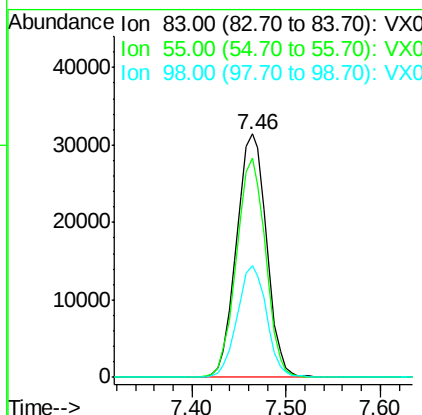
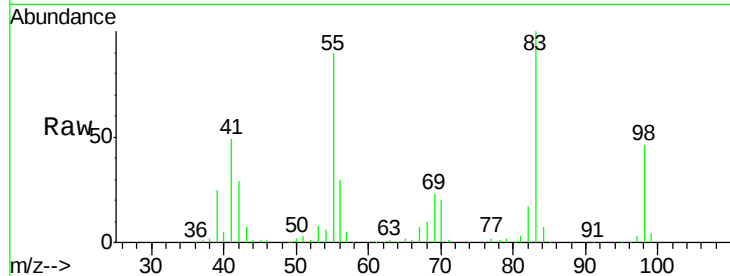
#39
Methylcyclohexane
Concen: 20.372 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	89.9	69.0	103.6
98	46.1	34.4	51.6

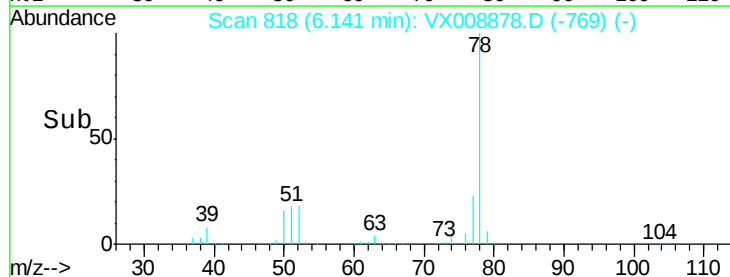
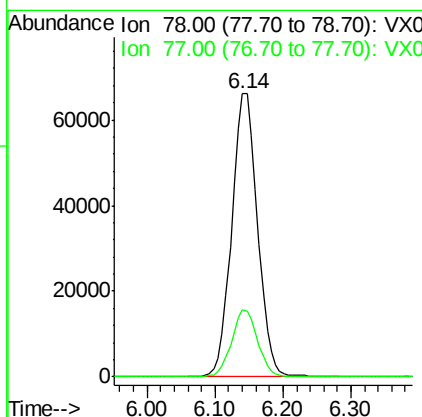
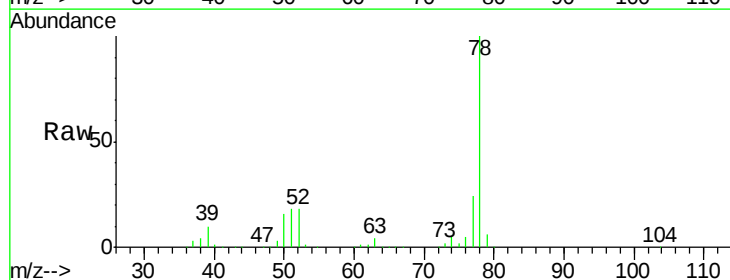
Manual Integrations
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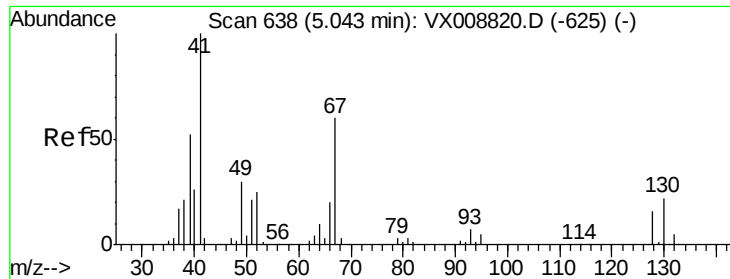
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#40
Benzene
Concen: 20.949 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





#41

Methacrylonitrile

Concen: 20.947 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

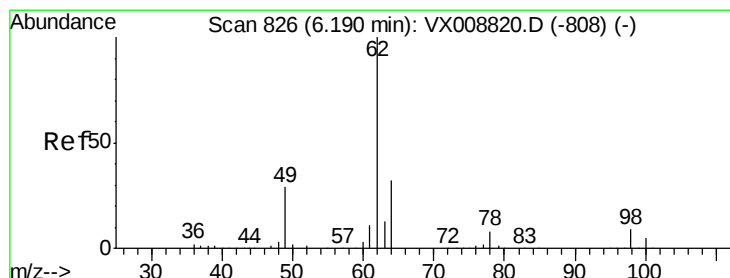
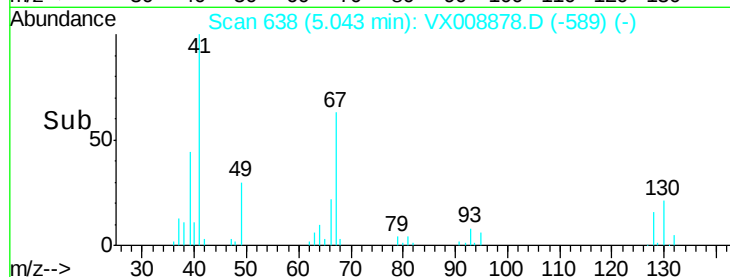
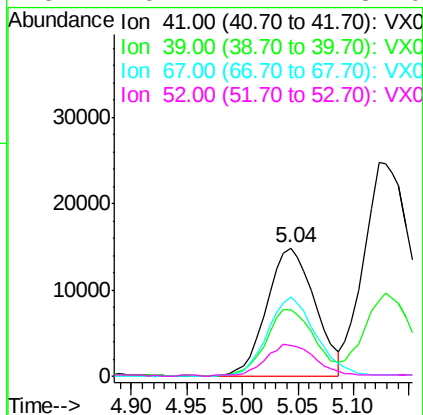
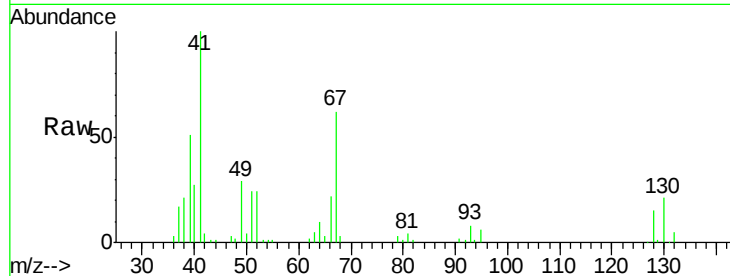
ClientSampleId :

VX0412MBS01

Tgt Ion:	41	Resp:	44913
Ion Ratio	Lower	Upper	
41	100		
39	52.6	42.1	63.1
67	62.9	51.0	76.6
52	26.4	21.4	32.0

Manual Integrations
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4/13/2019 2:11:32 PM



#42

1,2-Dichloroethane

Concen: 21.113 ug/l

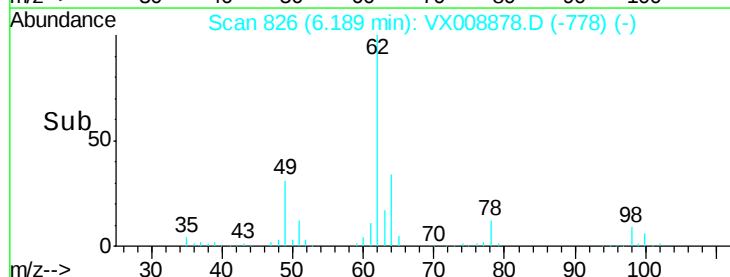
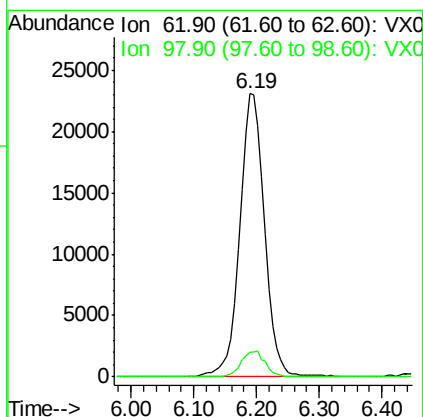
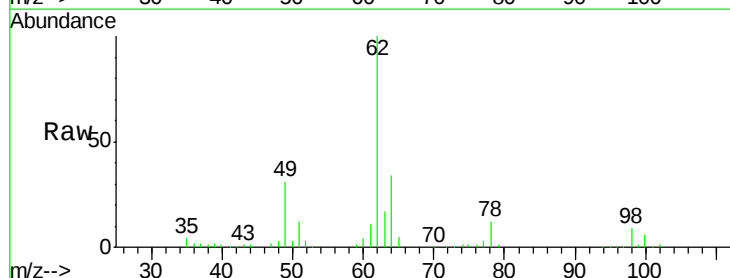
RT: 6.19 min Scan# 826

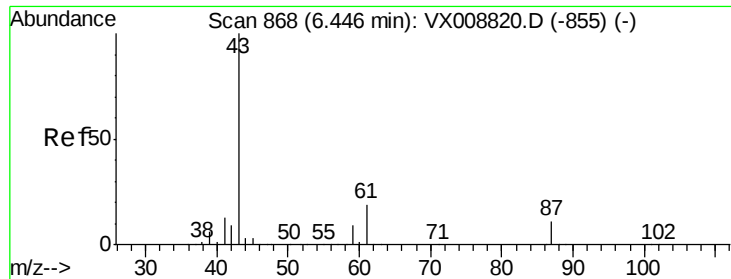
Delta R.T. -0.01 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Tgt Ion:	62	Resp:	63014
Ion Ratio	Lower	Upper	
62	100		
98	8.7	0.0	18.0





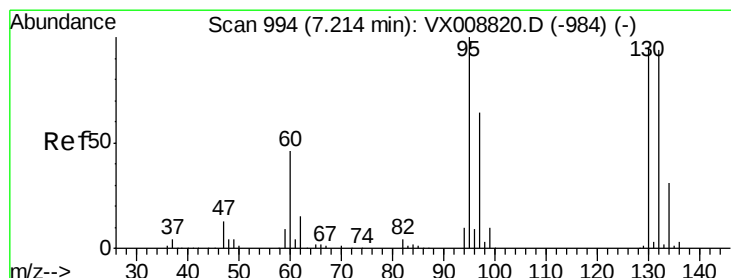
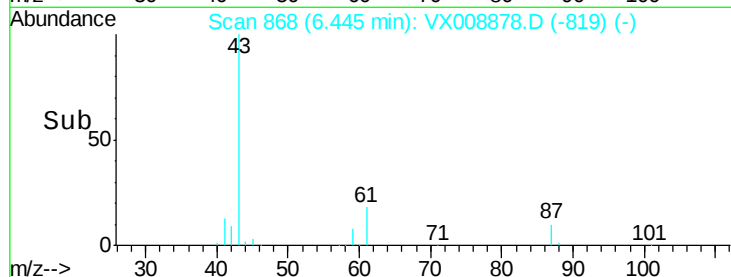
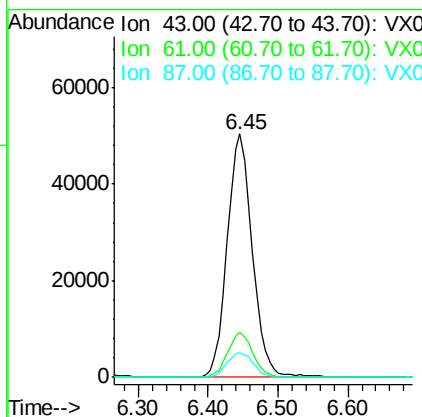
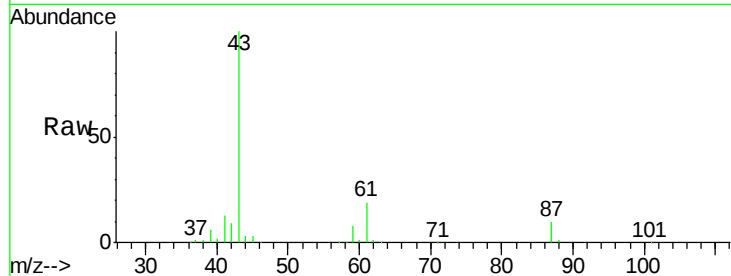
#43
Isopropyl Acetate
Concen: 21.355 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.3	22.9
87	10.9	9.0	13.6

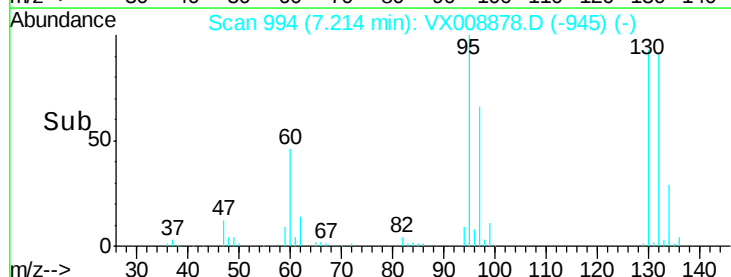
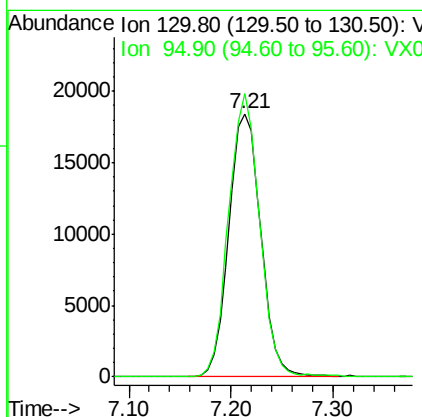
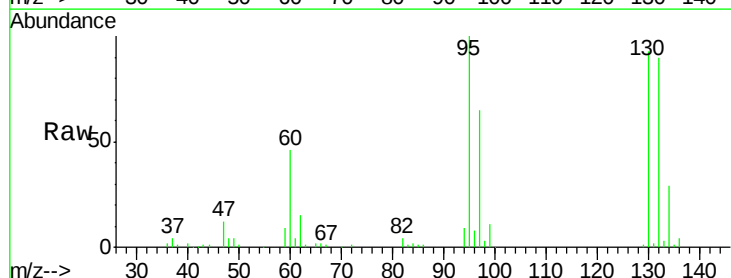
Manual Integrations
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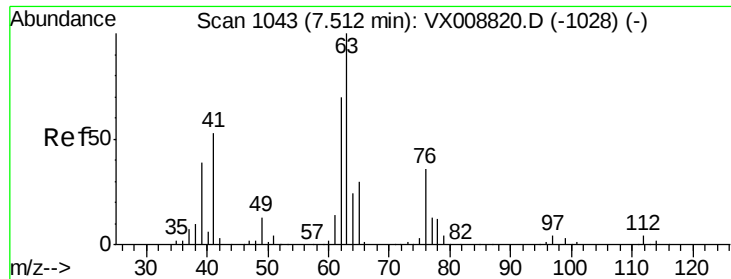
MMDadoda
4/13/2019 2:11:32 PM



#44
Trichloroethene
Concen: 20.610 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.5	0.0	209.8





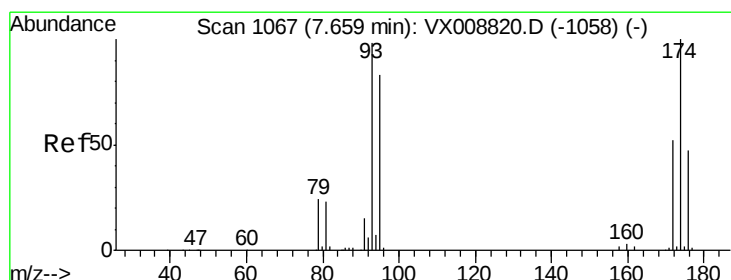
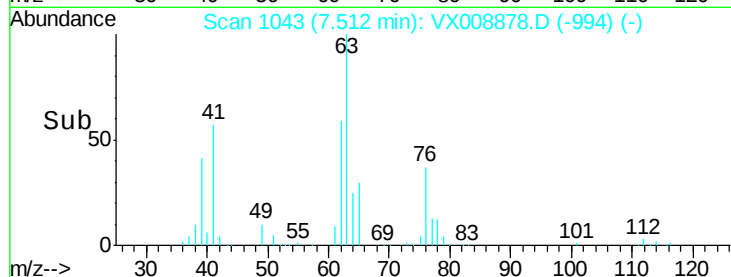
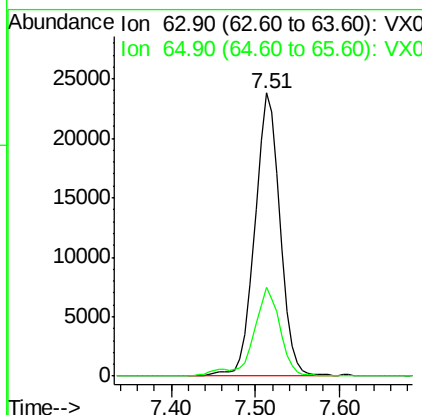
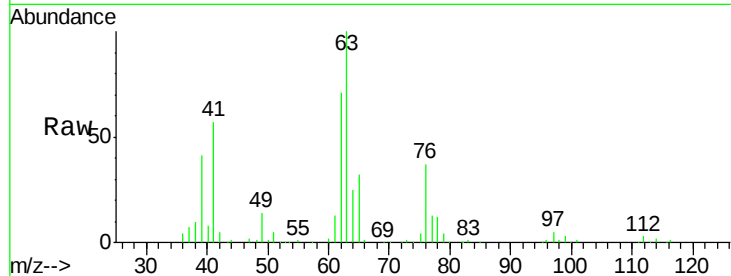
#45
 1,2-Dichloropropane
 Concen: 20.490 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412MBS01

Tgt Ion: 63 Resp: 48689
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.2 36.4

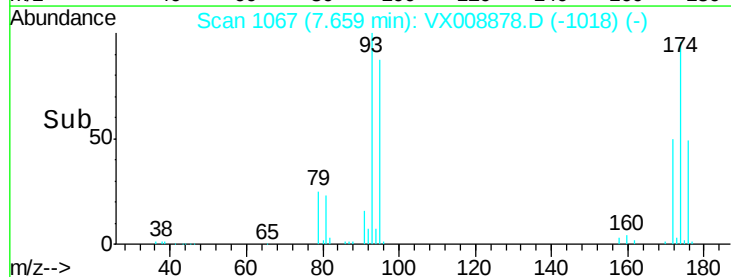
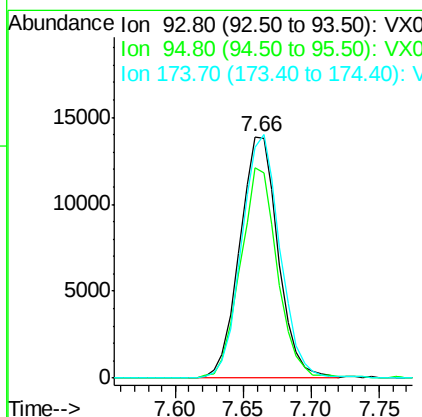
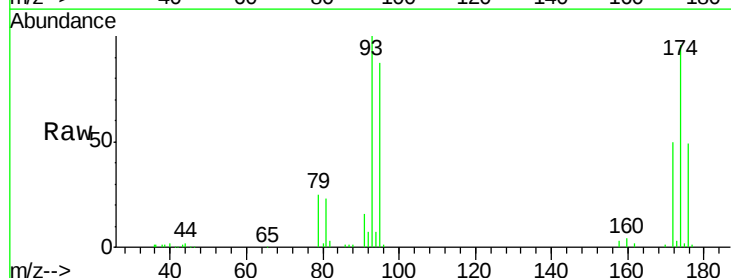
Manual Integrations
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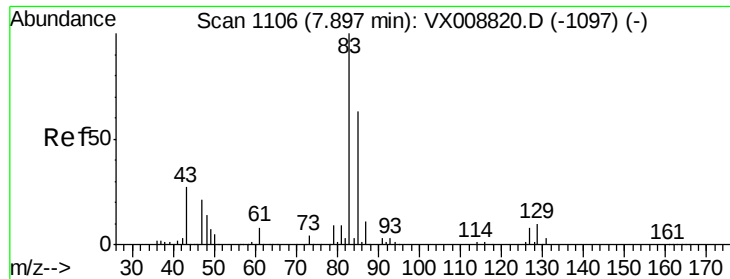
MMDadoda
 4/13/2019 2:11:32 PM



#46
 Dibromomethane
 Concen: 19.911 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Tgt Ion: 93 Resp: 27440
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.6 99.8
 174 100.7 77.7 116.5





#47

Bromodichloromethane

Concen: 20.710 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

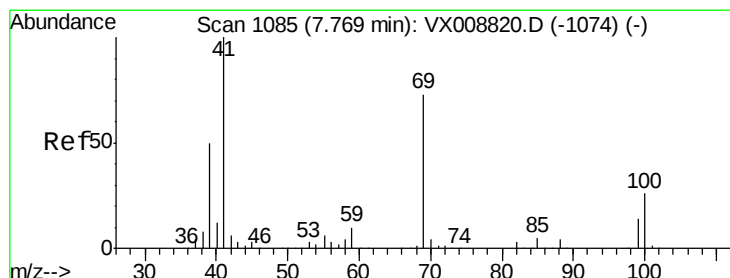
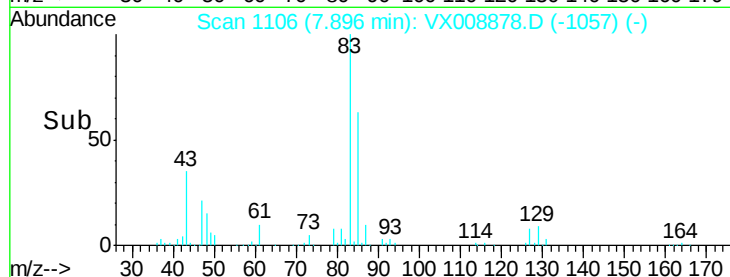
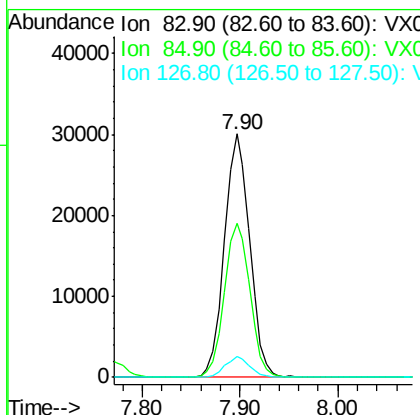
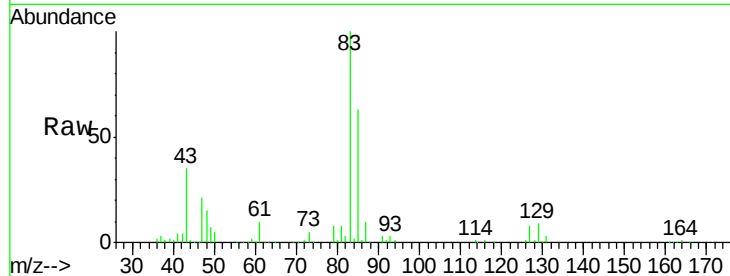
ClientSampleId :

VX0412MBS01

Tgt Ion:	83	Resp:	53815
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.2	76.8
127	8.5	6.6	10.0

Manual Integrations
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MMDadoda
4/13/2019 2:11:32 PM



#48

Methyl methacrylate

Concen: 21.480 ug/l

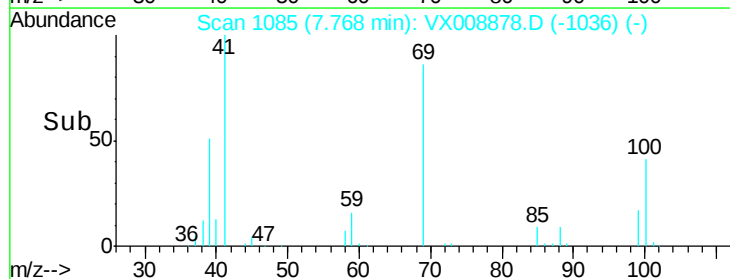
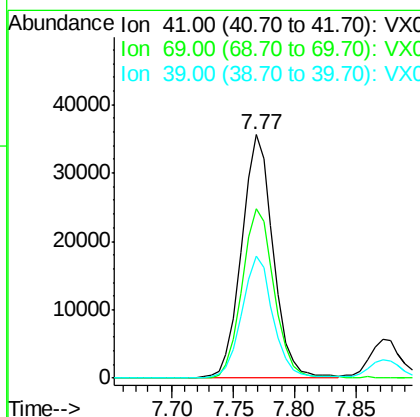
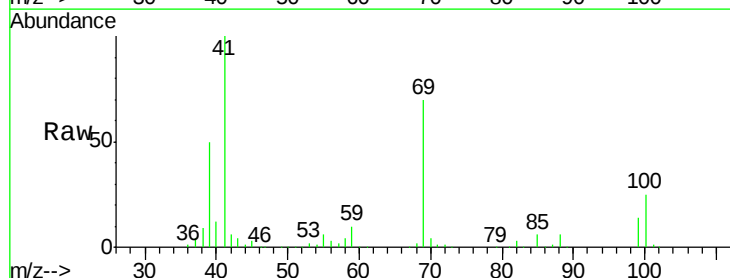
RT: 7.77 min Scan# 1085

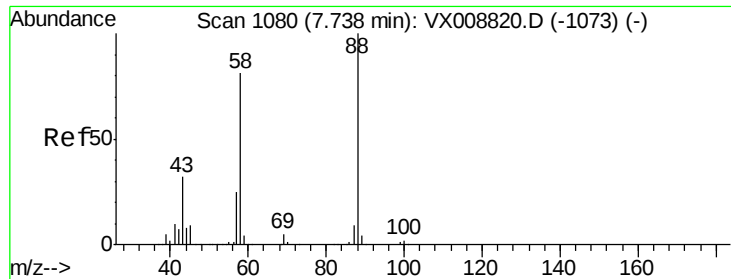
Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Tgt Ion:	41	Resp:	63491
Ion	Ratio	Lower	Upper
41	100		
69	71.4	59.0	88.4
39	49.2	41.0	61.4





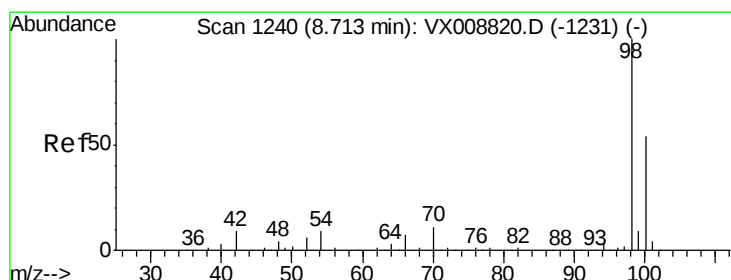
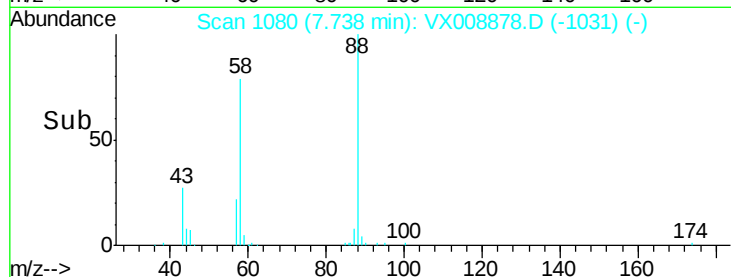
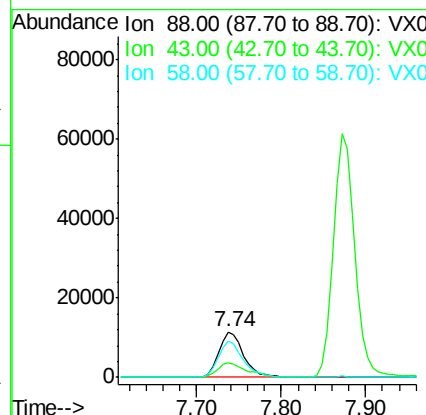
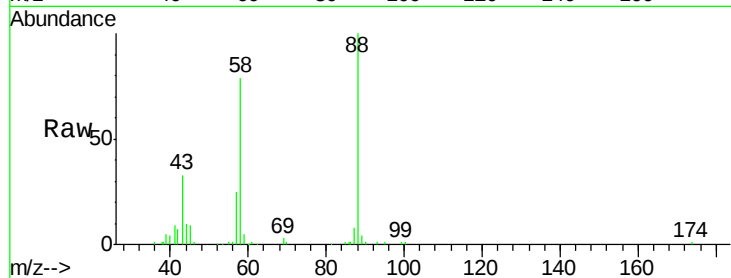
#49
1,4-Dioxane
Concen: 421.527 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.5	28.6	43.0
58	80.6	62.2	93.2

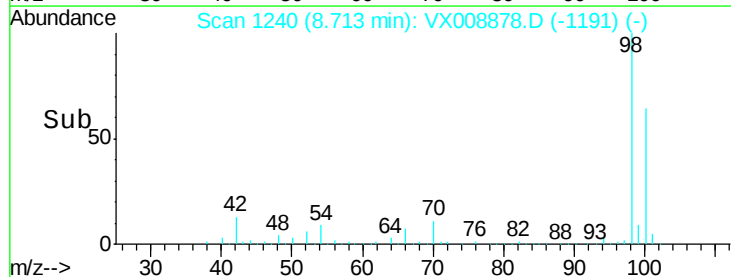
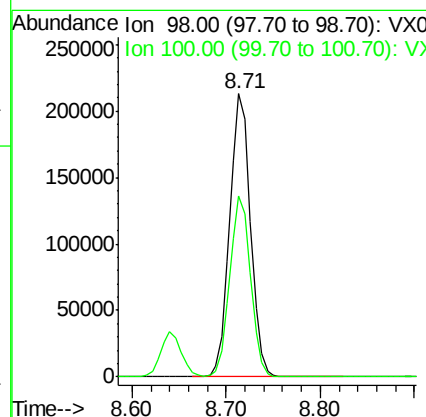
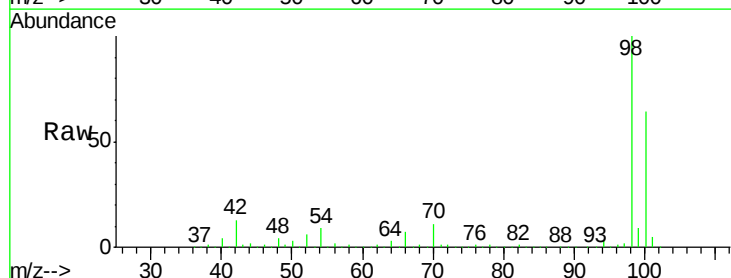
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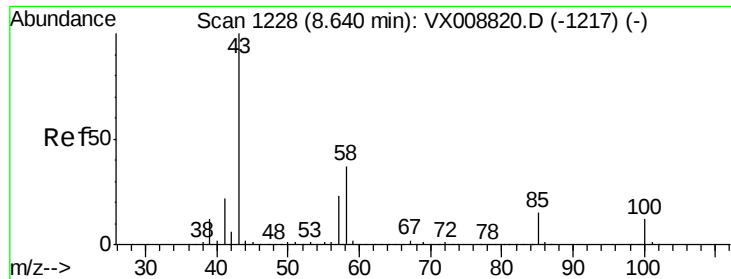
MMDadoda
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#50
Toluene-d8
Concen: 50.022 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 109.388 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0412MBS01

Tgt Ion: 43 Resp: 411460

Ion Ratio Lower Upper

43 100

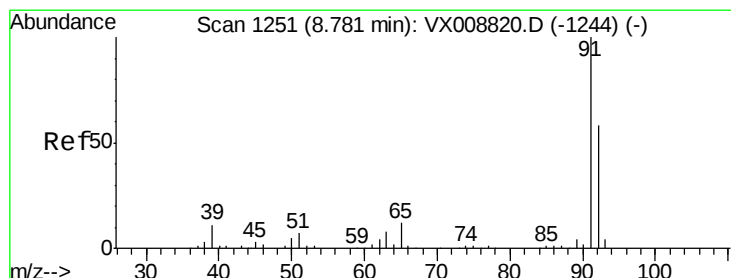
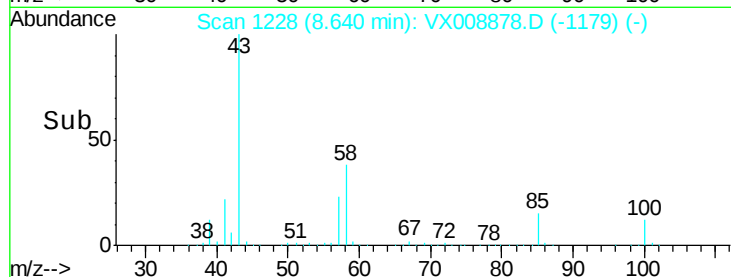
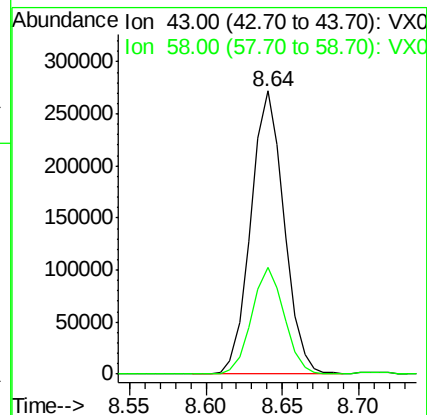
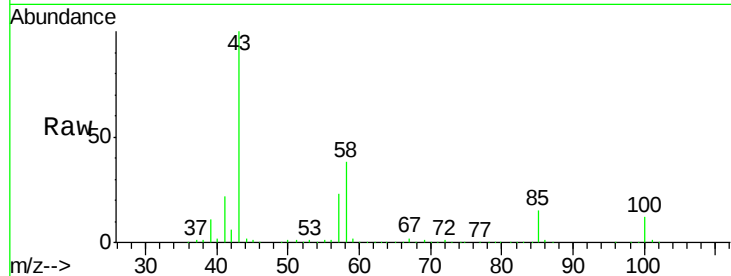
58 37.0 29.5 44.3

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#52

Toluene

Concen: 21.438 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008878.D

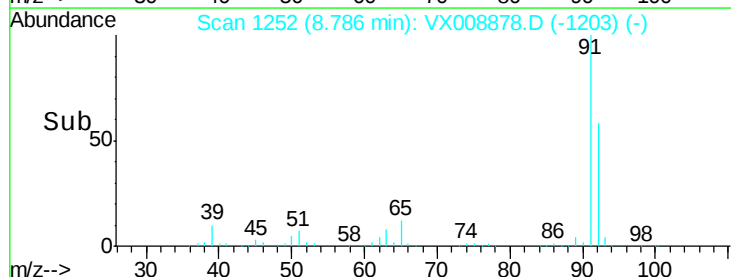
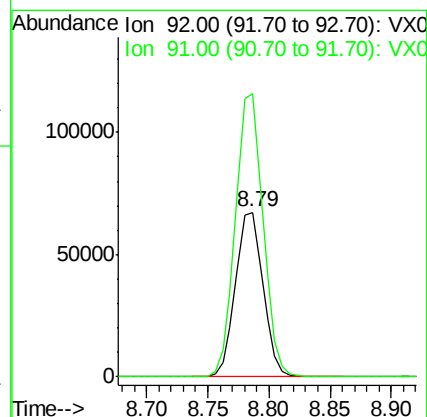
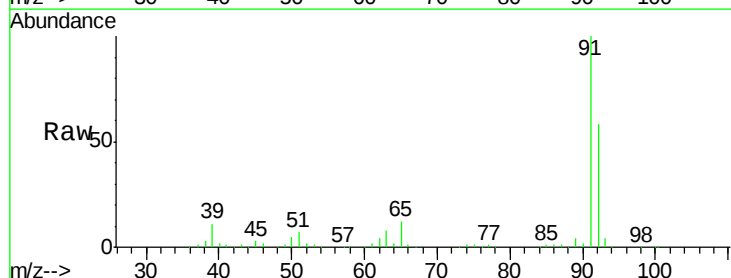
Acq: 12 Apr 2019 12:00

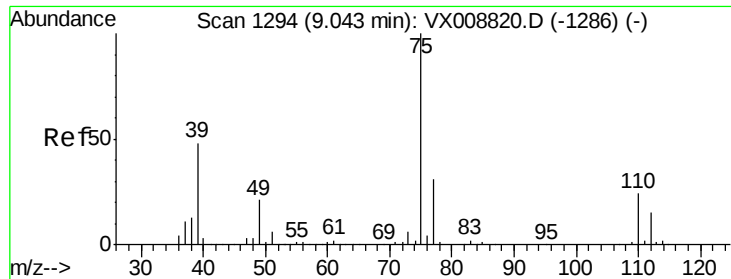
Tgt Ion: 92 Resp: 105218

Ion Ratio Lower Upper

92 100

91 171.9 138.5 207.7





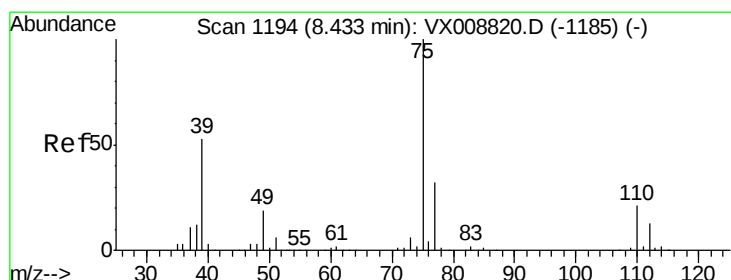
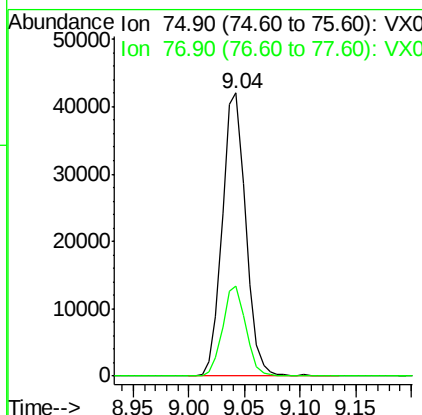
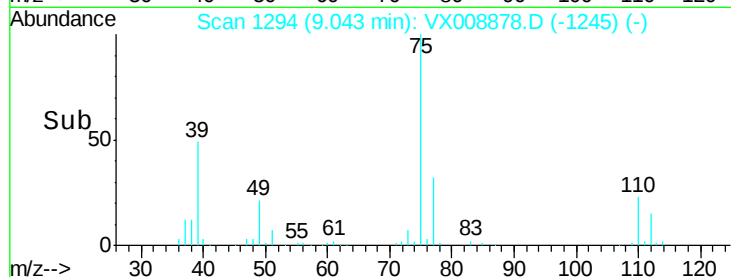
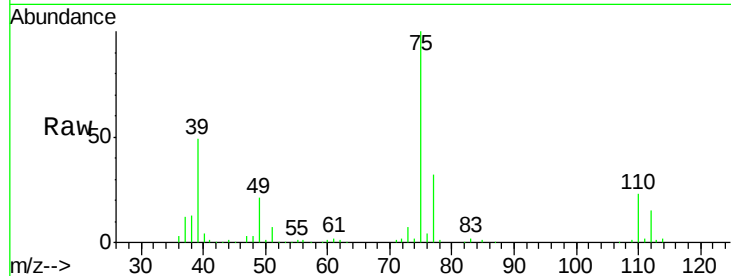
#53
t-1,3-Dichloropropene
Concen: 21.164 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Tgt Ion: 75 Resp: 61605
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8

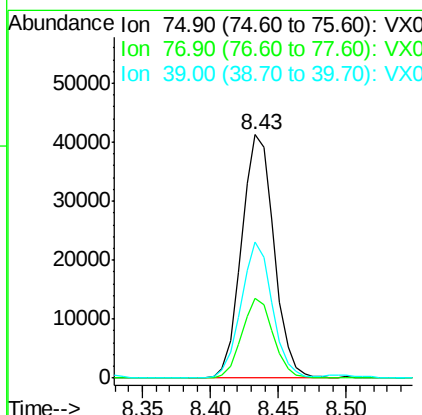
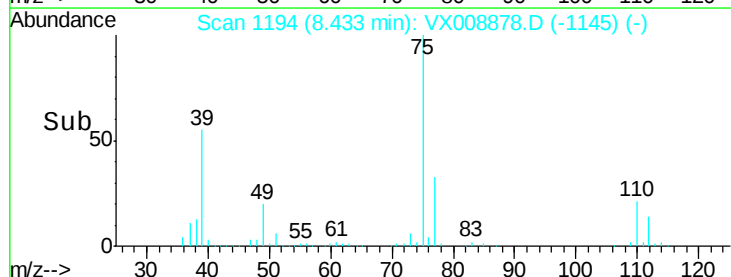
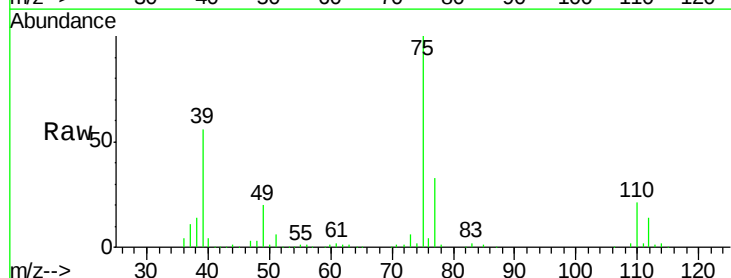
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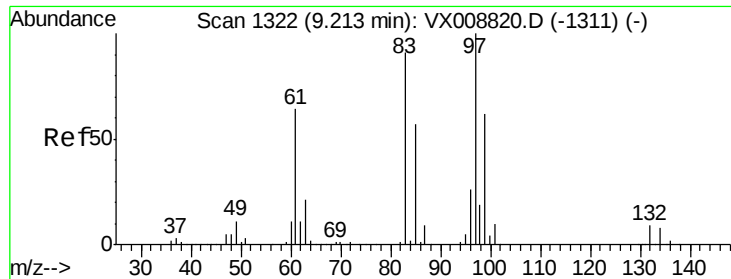
MMDadoda
4/13/2019 2:11:32 PM



#54
cis-1,3-Dichloropropene
Concen: 20.696 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Tgt Ion: 75 Resp: 68835
Ion Ratio Lower Upper
75 100
77 32.9 25.3 37.9
39 55.5 42.6 63.8





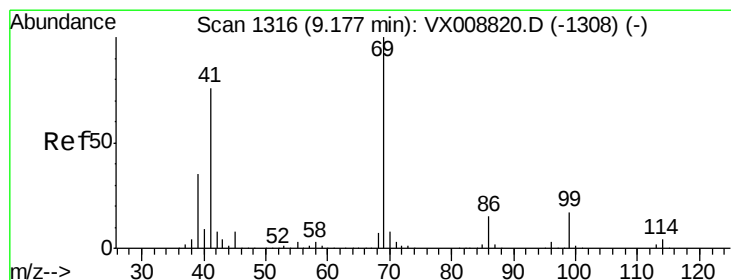
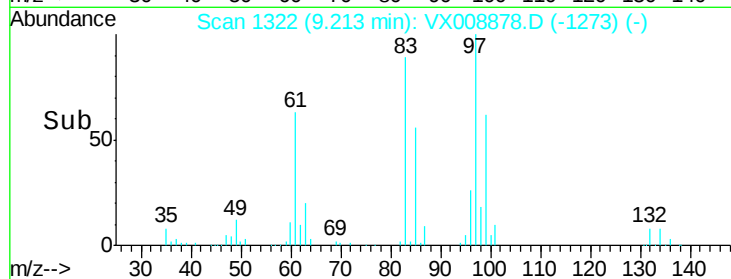
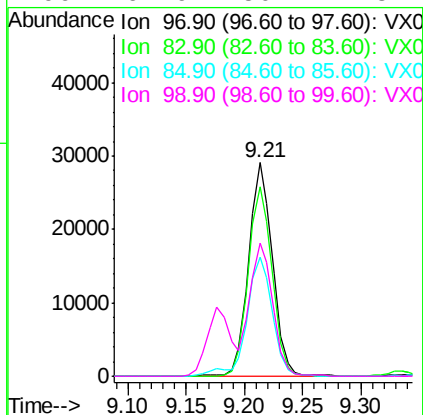
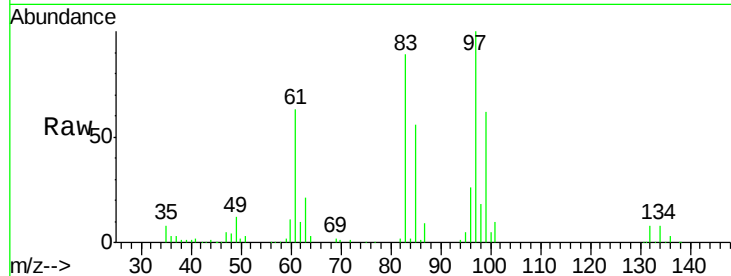
#55
 1,1,2-Trichloroethane
 Concen: 21.215 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412MBS01

Tgt Ion:	97	Resp:	41797
Ion	Ratio	Lower	Upper
97	100		
83	88.6	73.2	109.8
85	55.8	46.6	69.8
99	61.9	50.1	75.1

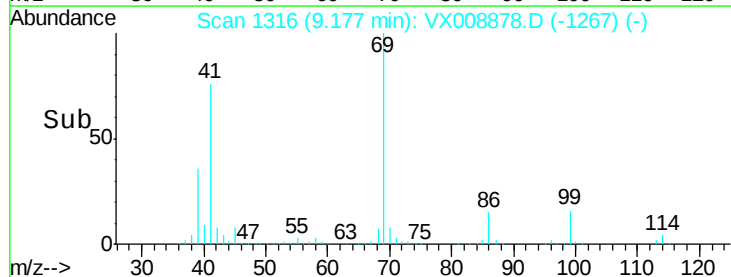
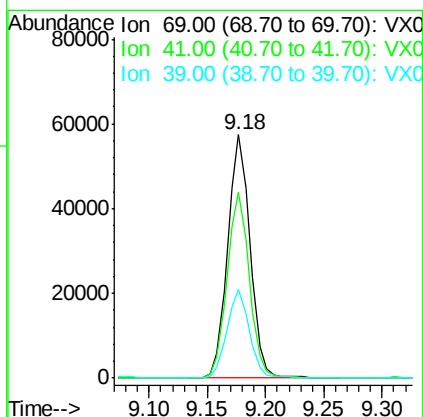
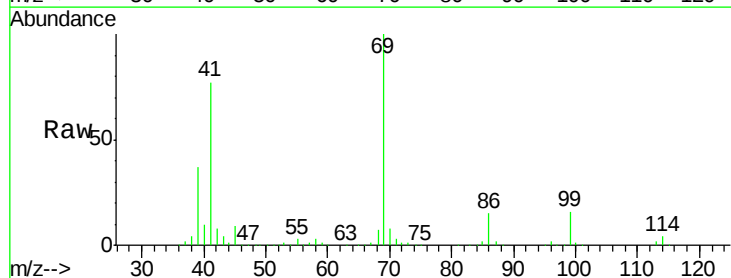
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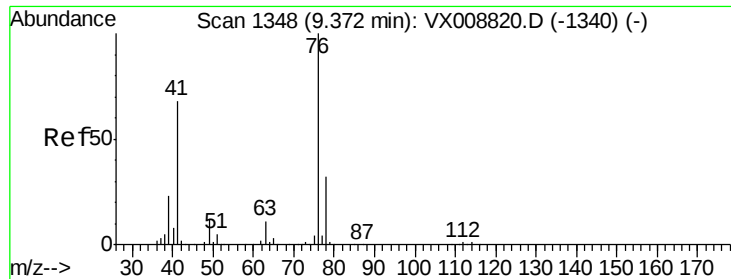
MMDadoda
 4/13/2019 2:11:32 PM



#56
 Ethyl methacrylate
 Concen: 21.647 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Tgt Ion:	69	Resp:	77163
Ion	Ratio	Lower	Upper
69	100		
41	75.5	60.1	90.1
39	36.2	28.9	43.3





#57

1,3-Dichloropropane

Concen: 21.066 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0412MBS01

Tgt Ion: 76 Resp: 74527

Ion Ratio Lower Upper

76 100

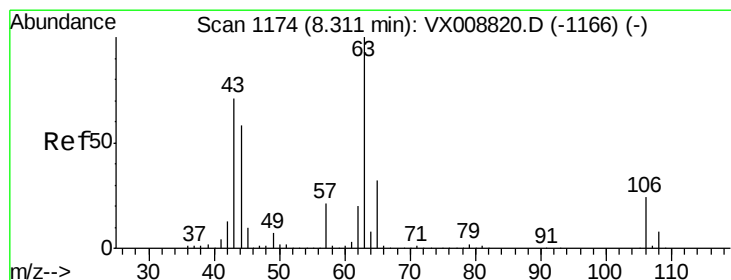
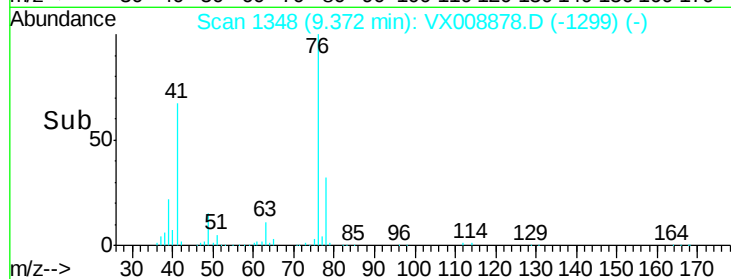
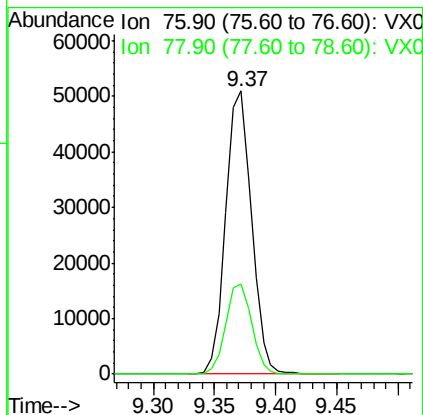
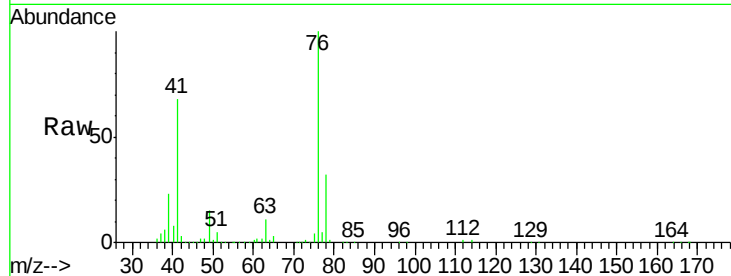
78 32.0 25.6 38.4

Manual Integrations

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MMDadoda

4/13/2019 2:11:32 PM



#58

2-Chloroethyl Vinyl ether

Concen: 106.975 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008878.D

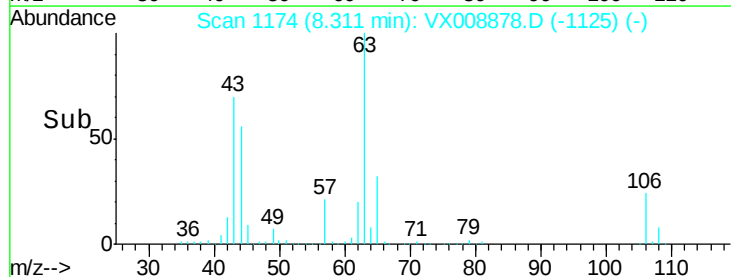
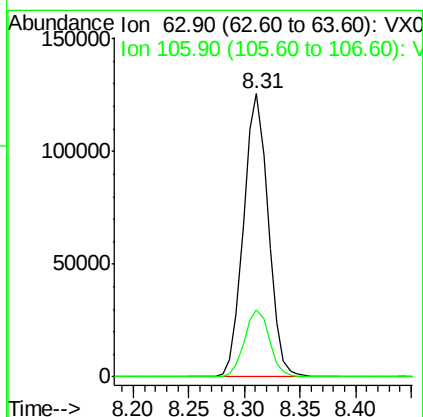
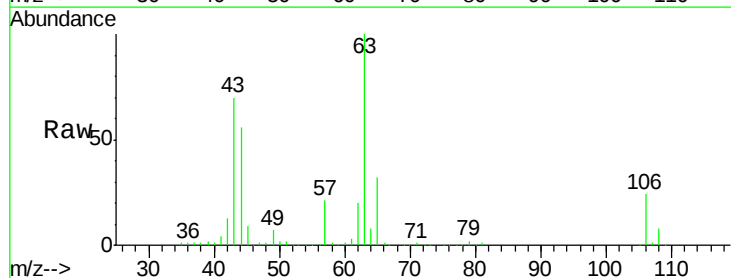
Acq: 12 Apr 2019 12:00

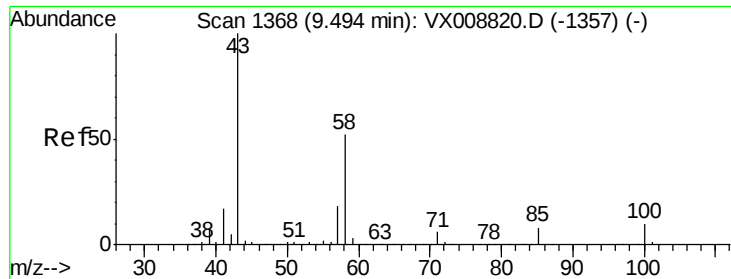
Tgt Ion: 63 Resp: 194713

Ion Ratio Lower Upper

63 100

106 23.9 19.0 28.6





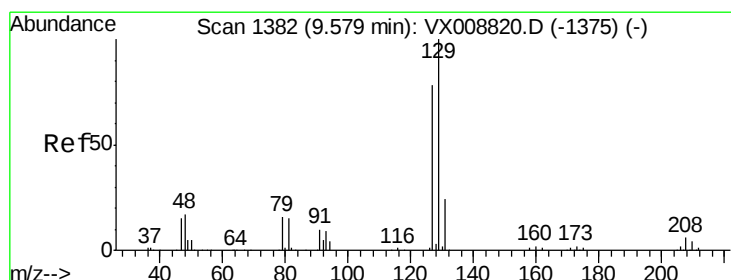
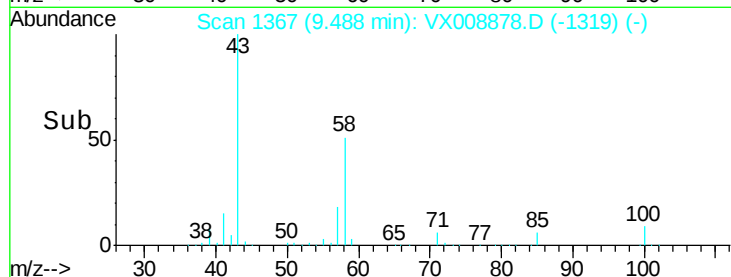
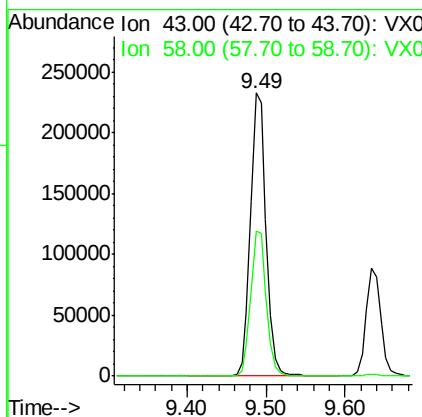
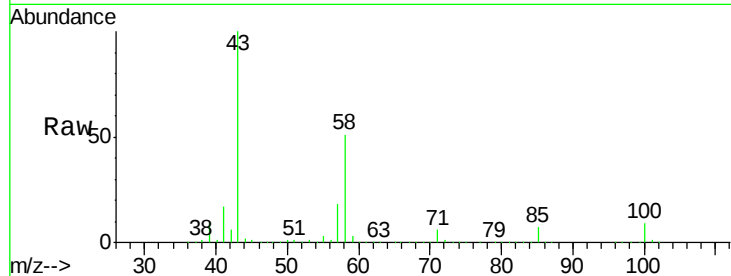
#59
2-Hexanone
Concen: 109.020 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Tgt Ion: 43 Resp: 318690
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7

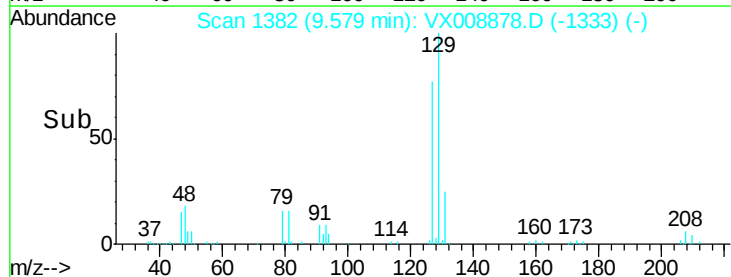
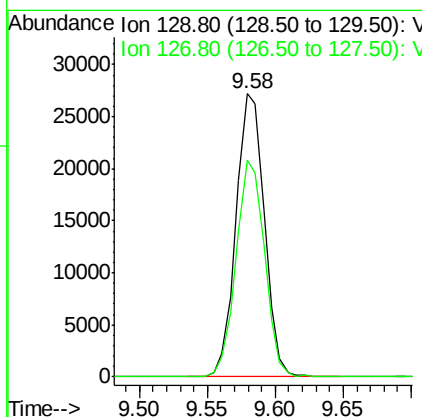
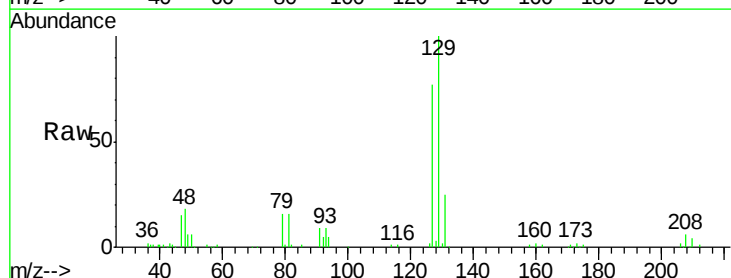
Manual Integrations
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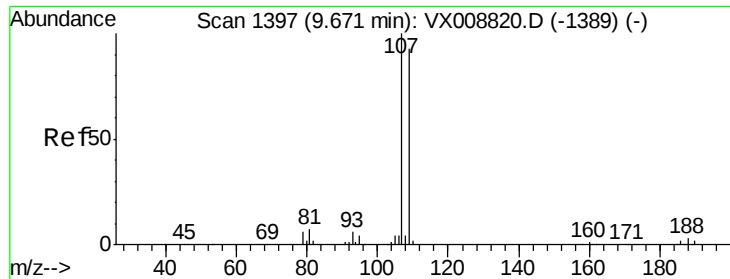
MMDadoda
4/13/2019 2:11:32 PM



#60
Dibromochloromethane
Concen: 21.289 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Tgt Ion: 129 Resp: 39524
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.919 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0412MBS01

Tgt Ion: 107 Resp: 42906

Ion Ratio Lower Upper

107 100

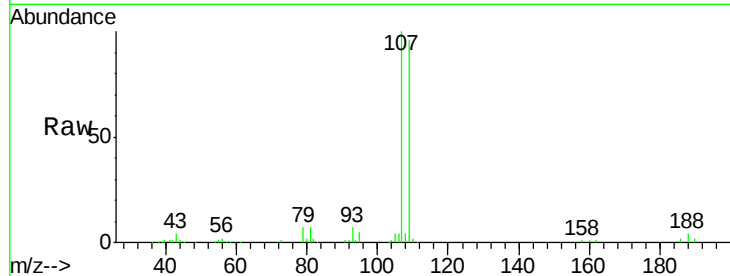
109 92.6 74.1 111.1

Manual Integrations

APPROVED

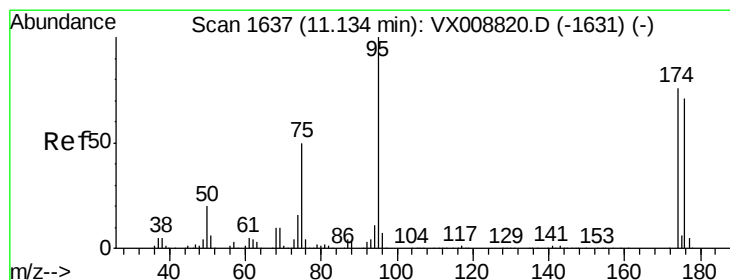
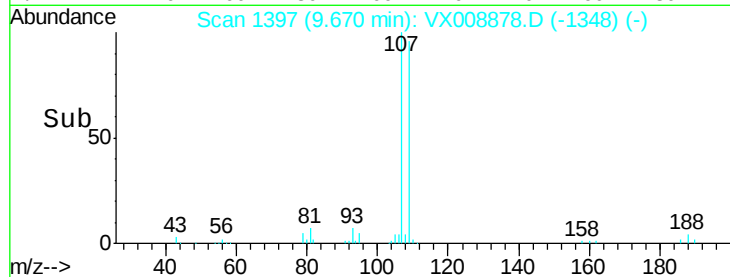
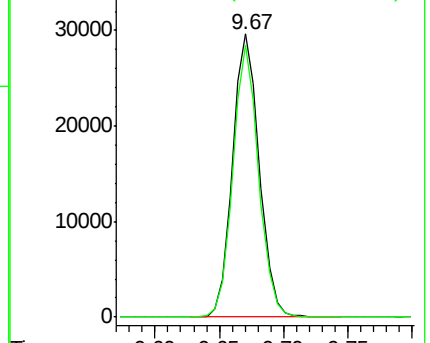
MMDadoda

4/13/2019 2:11:32 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.061 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

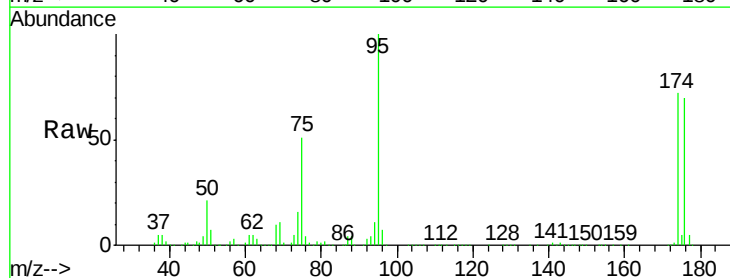
Tgt Ion: 95 Resp: 117845

Ion Ratio Lower Upper

95 100

174 79.0 0.0 151.8

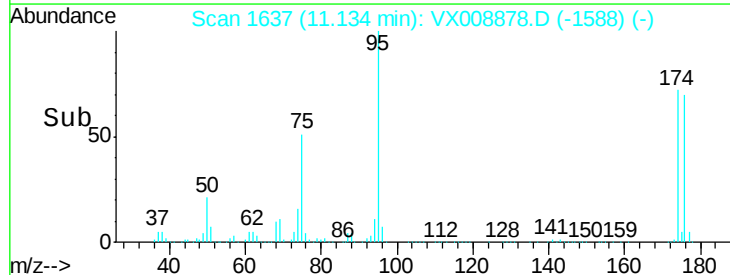
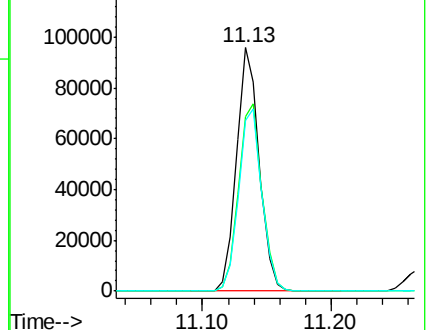
176 76.5 0.0 145.8

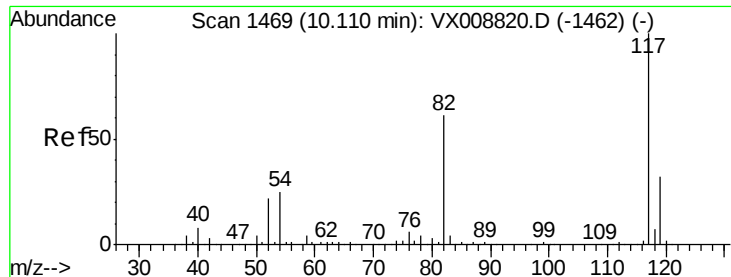


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





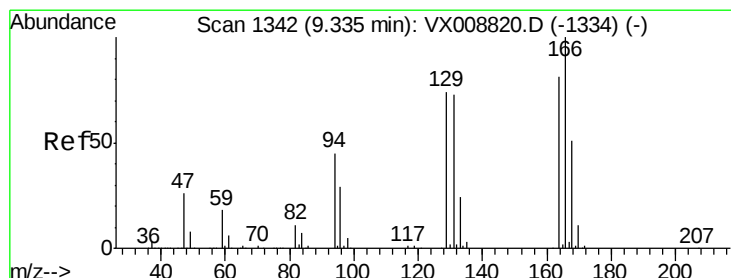
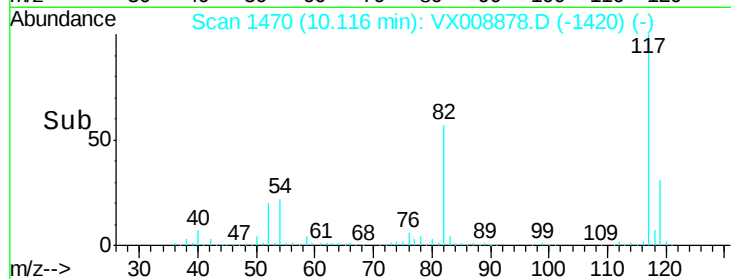
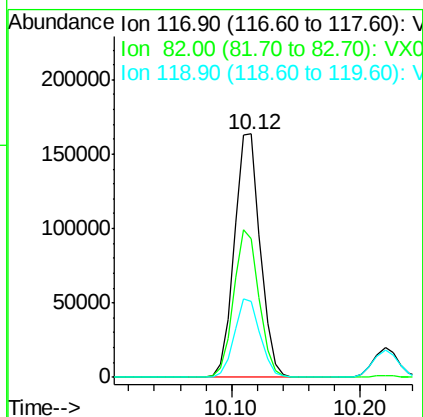
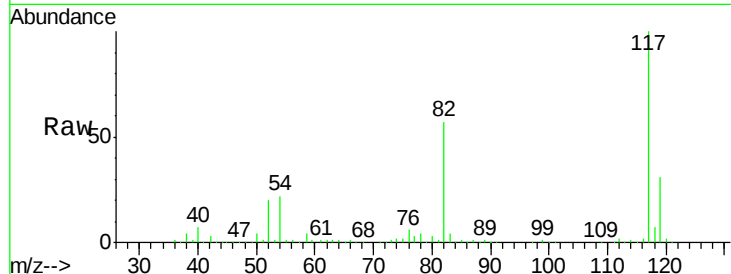
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	228642		
82	56.7	49.6	74.4	
119	31.1	25.0	37.4	

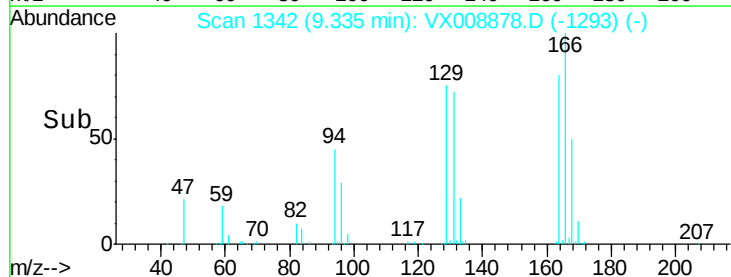
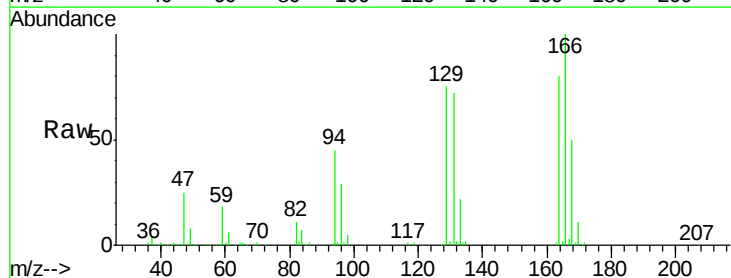
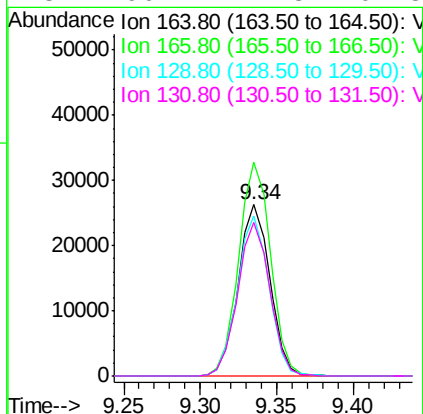
Manual Integrations
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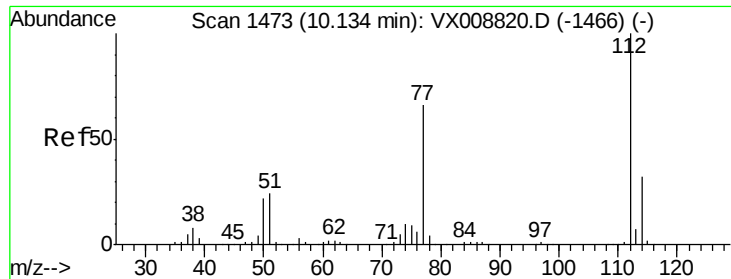
MMDadoda
4/13/2019 2:11:32 PM



#64
Tetrachloroethene
Concen: 22.401 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	37948		
166	124.8	101.0	151.6	
129	93.7	75.8	113.8	
131	90.1	71.8	107.8	





#65

Chlorobenzene

Concen: 20.933 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0412MBS01

Tgt Ion:112 Resp: 106095

Ion Ratio Lower Upper

112 100

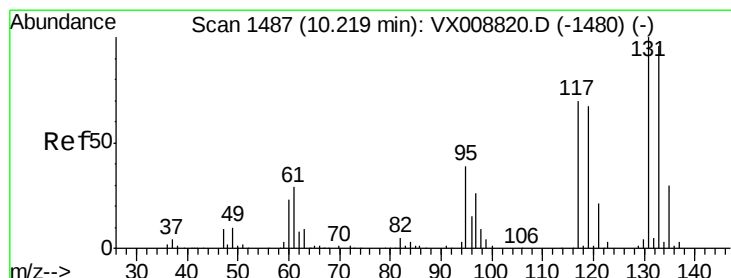
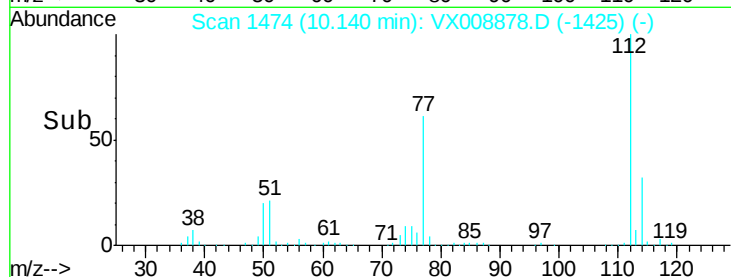
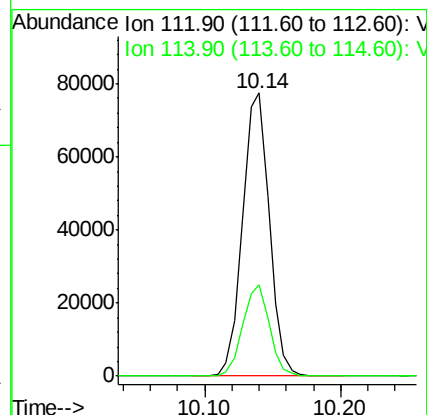
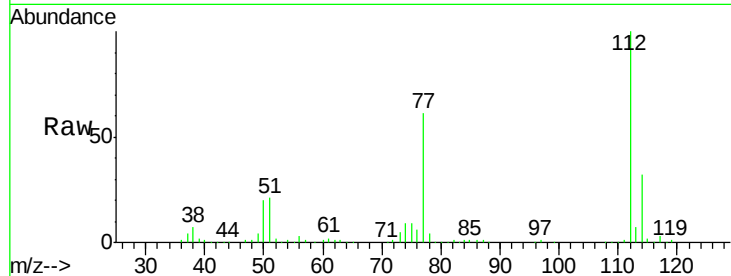
114 32.3 25.8 38.8

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.143 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

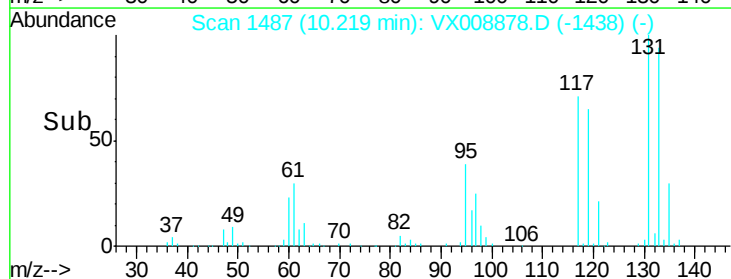
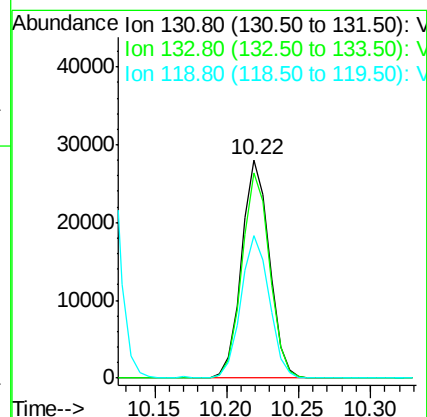
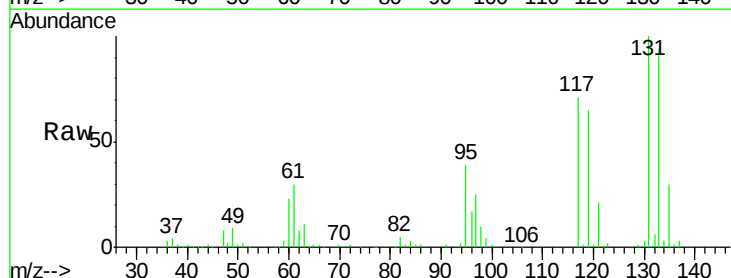
Tgt Ion:131 Resp: 37593

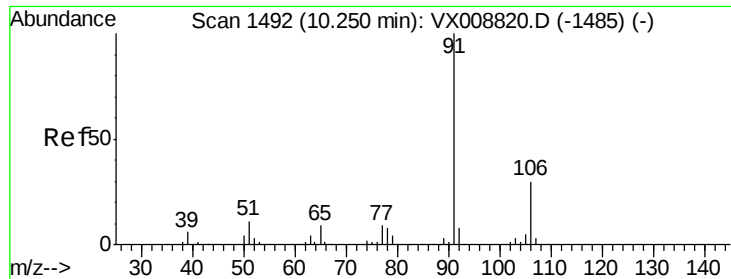
Ion Ratio Lower Upper

131 100

133 93.9 47.0 141.2

119 66.6 33.7 101.0





#67

Ethyl Benzene

Concen: 21.159 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

ClientSampled :

VX0412MBS01

Tgt Ion: 91 Resp: 199965

Ion Ratio Lower Upper

91 100

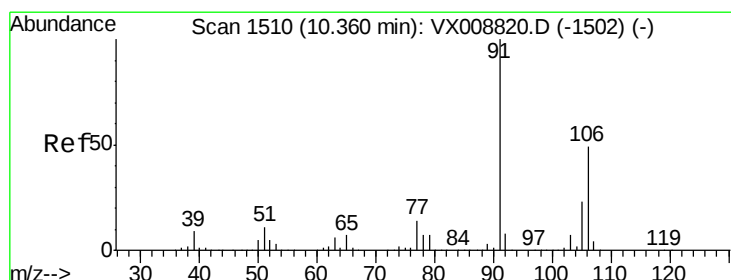
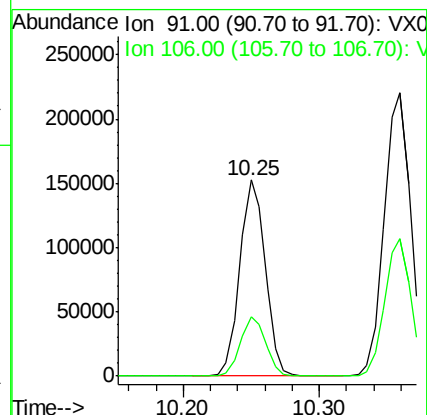
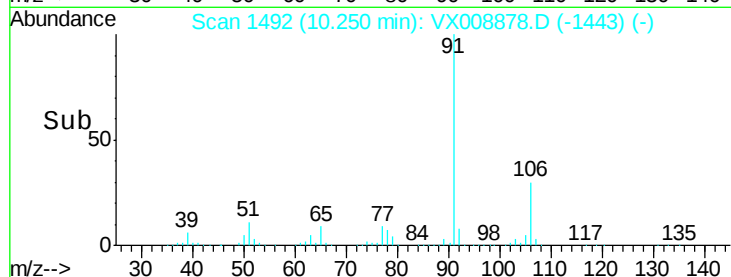
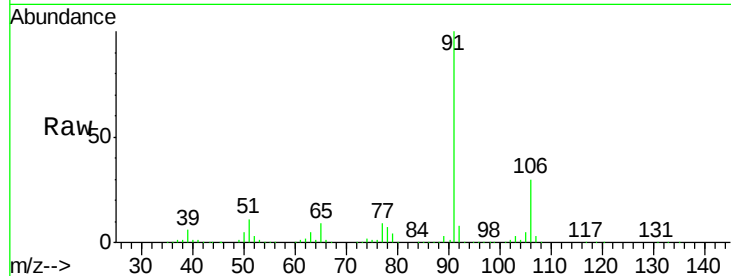
106 30.2 23.7 35.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 42.280 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008878.D

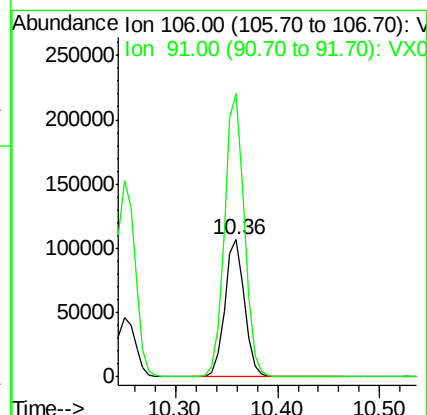
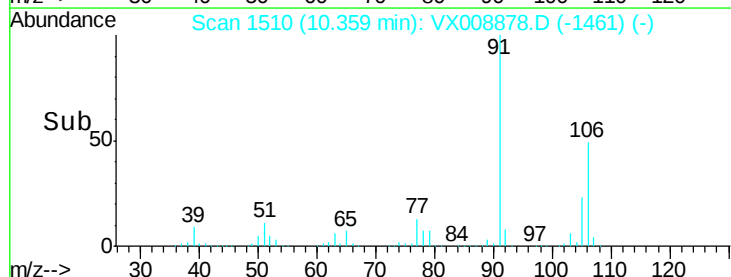
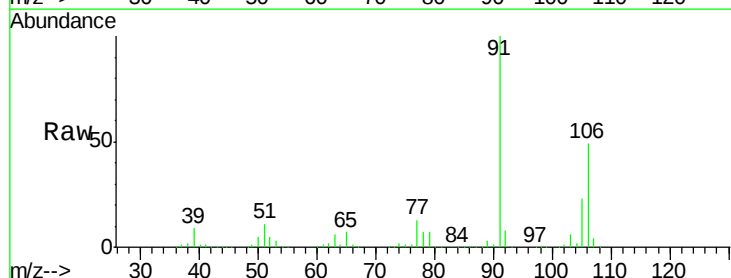
Acq: 12 Apr 2019 12:00

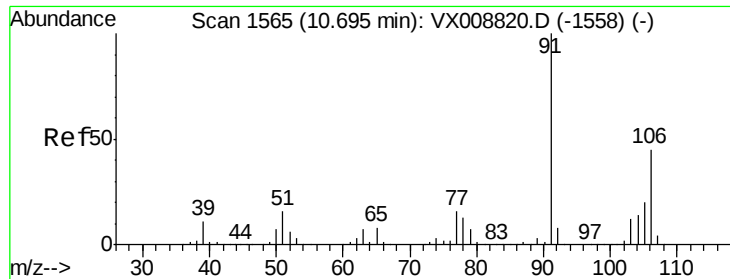
Tgt Ion: 106 Resp: 143668

Ion Ratio Lower Upper

106 100

91 208.8 168.5 252.7





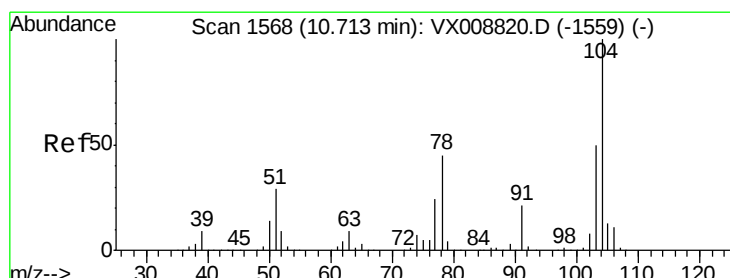
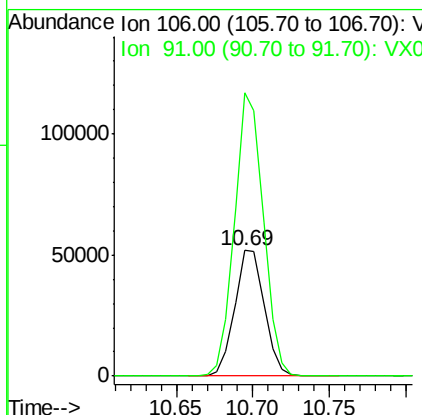
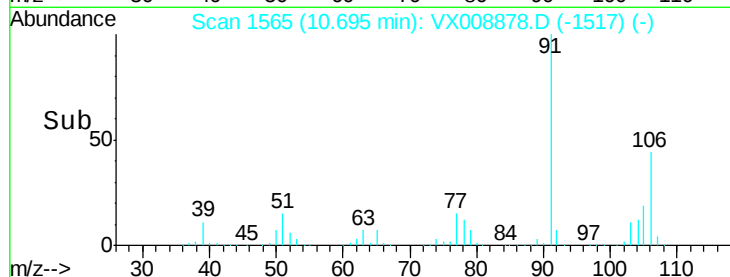
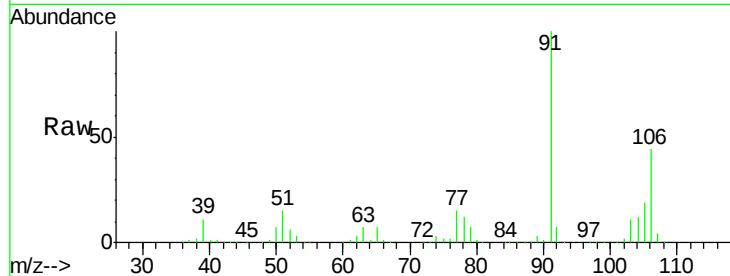
#69
o-Xylene
Concen: 21.159 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Tgt Ion:106 Resp: 69678
Ion Ratio Lower Upper
106 100
91 220.1 111.5 334.4

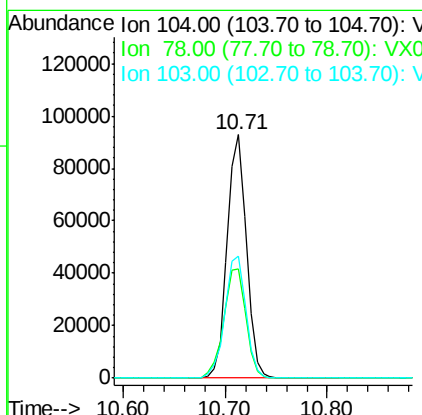
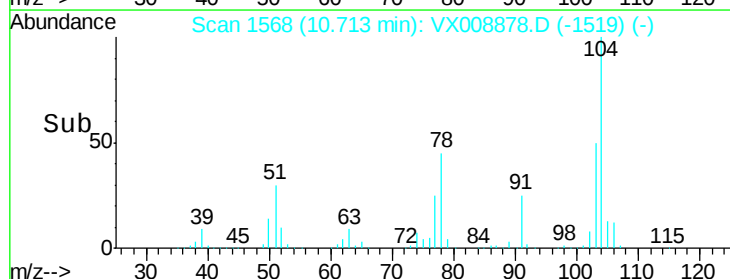
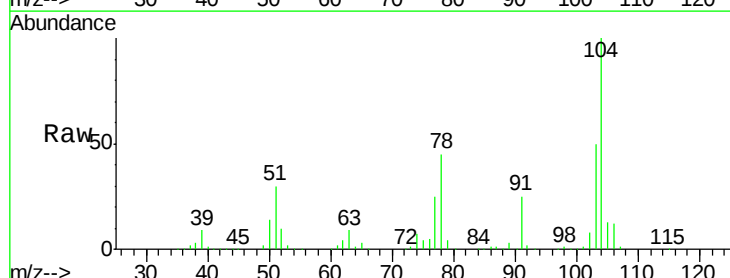
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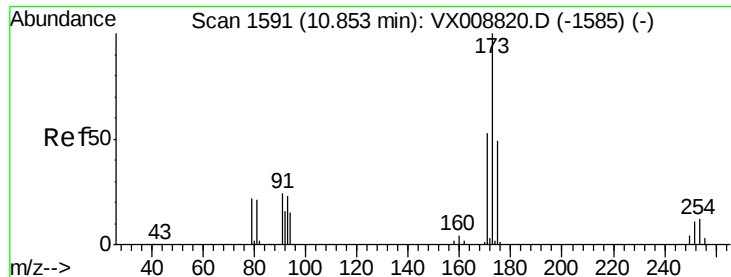
MMDadoda
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#70
Styrene
Concen: 21.436 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Tgt Ion:104 Resp: 121679
Ion Ratio Lower Upper
104 100
78 51.9 42.3 63.5
103 55.1 44.4 66.6





#71

Bromoform

Concen: 20.957 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0412MBS01

Tgt Ion:173 Resp: 28459

Ion Ratio Lower Upper

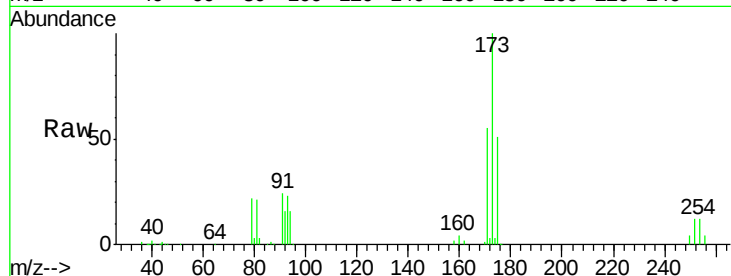
173 100

175 49.6 24.9 74.6

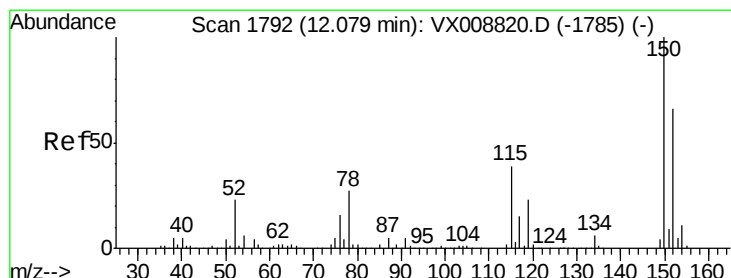
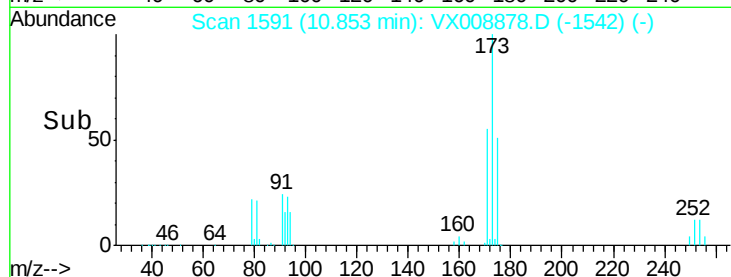
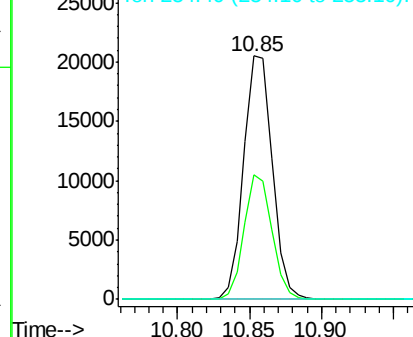
254 0.0 0.1 0.1#

Manual Integrations
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4/13/2019 2:11:32 PM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

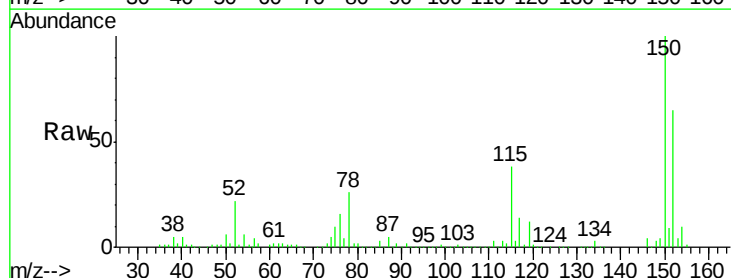
Tgt Ion:152 Resp: 107118

Ion Ratio Lower Upper

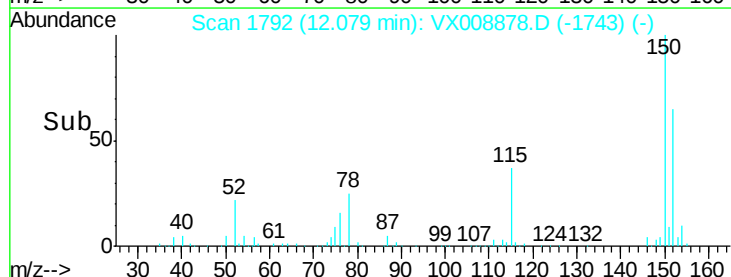
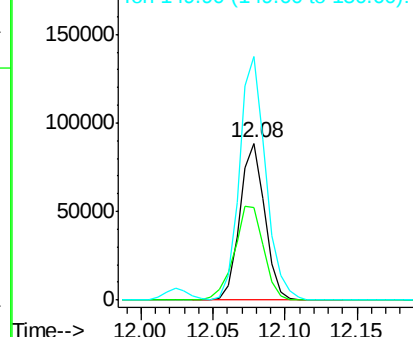
152 100

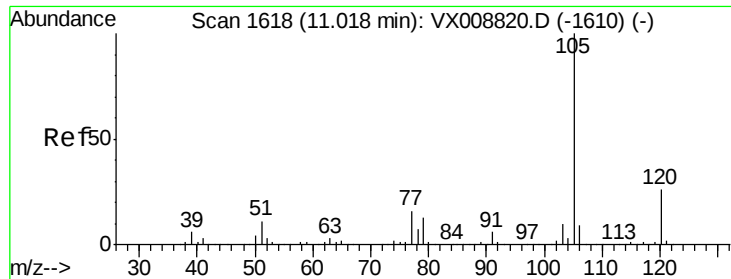
115 70.6 43.5 130.5

150 163.6 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.071 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0412MBS01

Tgt Ion: 105 Resp: 187051

Ion Ratio Lower Upper

105 100

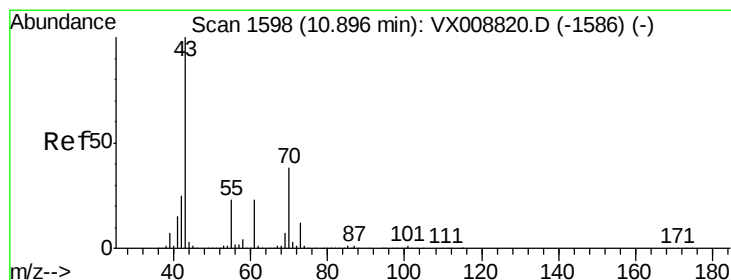
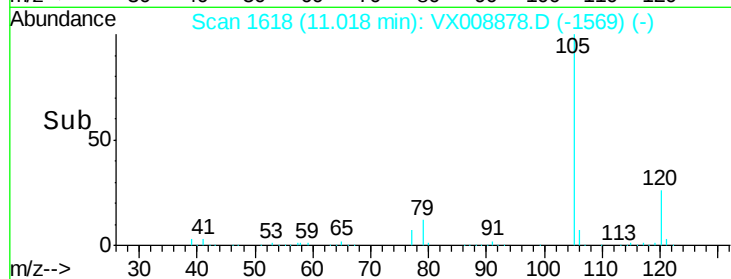
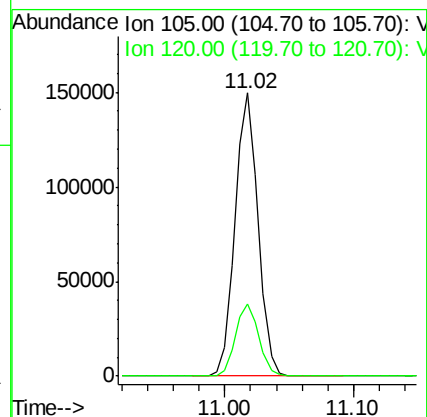
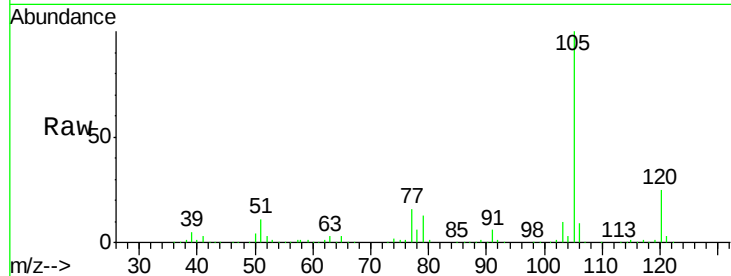
120 25.7 12.9 38.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.133 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Tgt Ion: 43 Resp: 110375

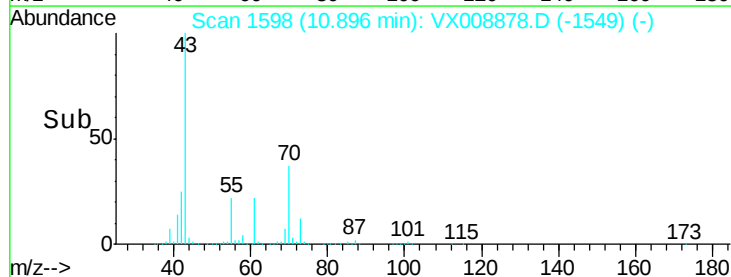
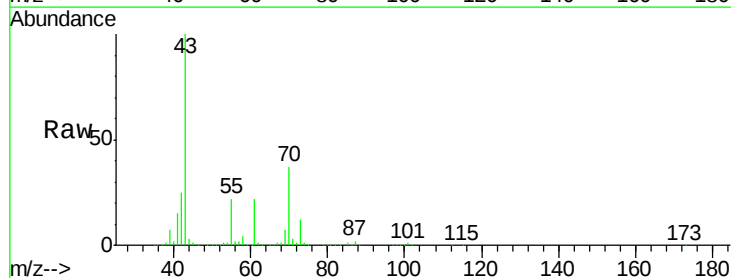
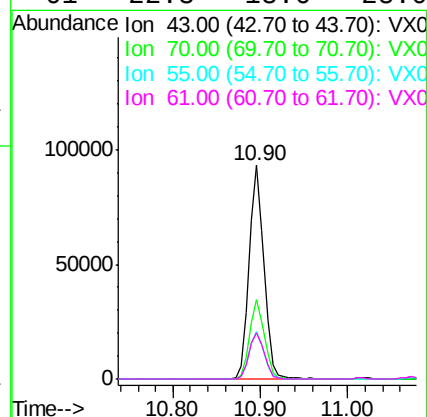
Ion Ratio Lower Upper

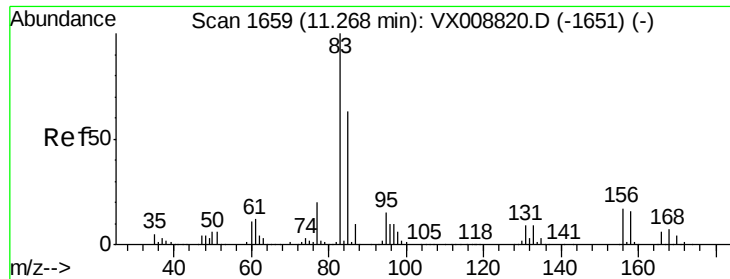
43 100

70 37.2 30.2 45.4

55 22.5 18.2 27.4

61 22.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.249 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

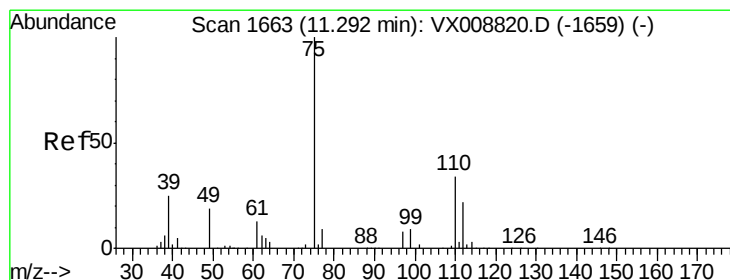
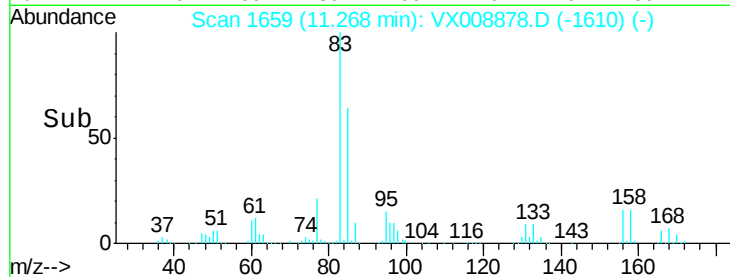
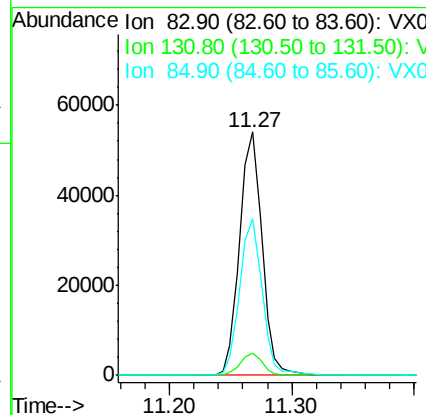
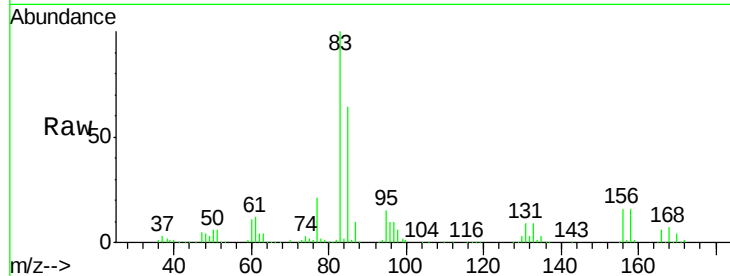
ClientSampleId :

VX0412MBS01

Tgt Ion:	83	Resp:	68363
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.5	13.7
85	64.5	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.049 ug/l m

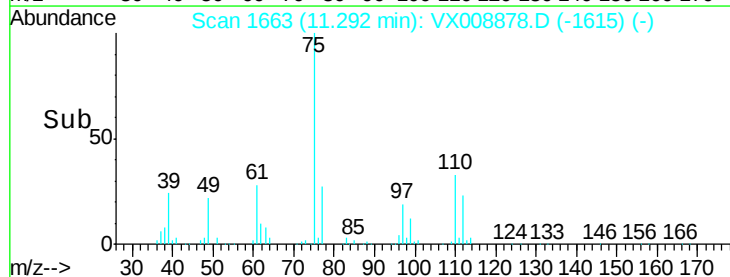
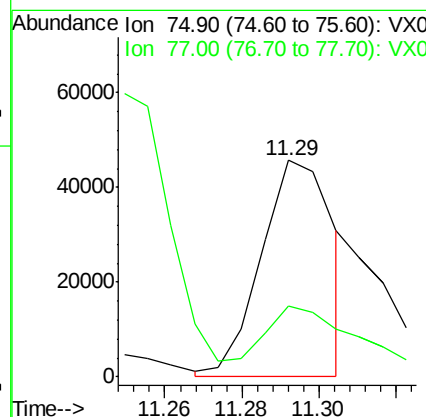
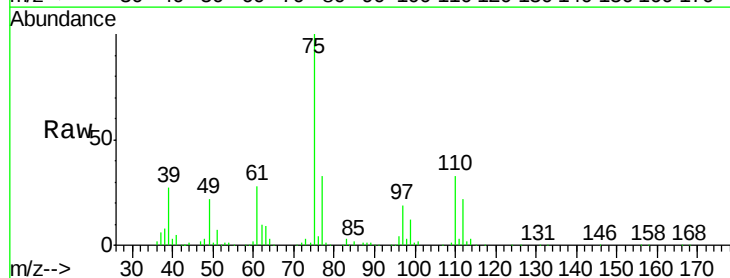
RT: 11.29 min Scan# 1663

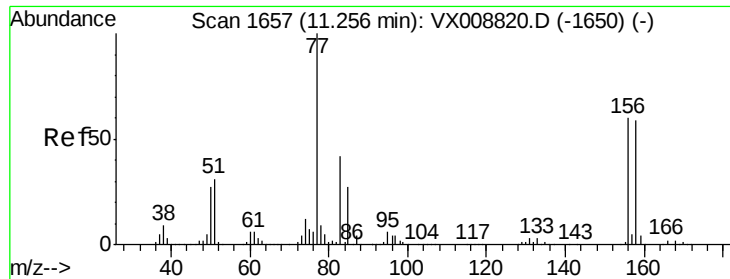
Delta R.T. -0.01 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Tgt Ion:	75	Resp:	58998
Ion Ratio	Lower	Upper	
75	100		
77	44.3	22.3	66.8





#77

Bromobenzene

Concen: 20.963 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

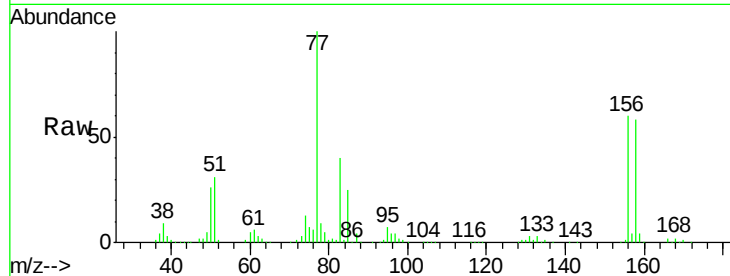
ClientSampleId :

VX0412MBS01

Tgt Ion:	156	Resp:	44736
Ion	Ratio	Lower	Upper
156	100		
77	175.4	89.8	269.6
158	98.1	48.6	145.9

Manual Integrations
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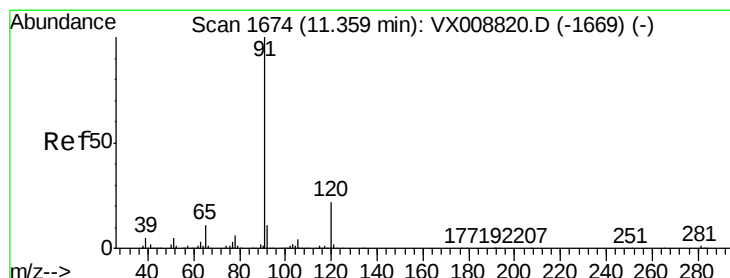
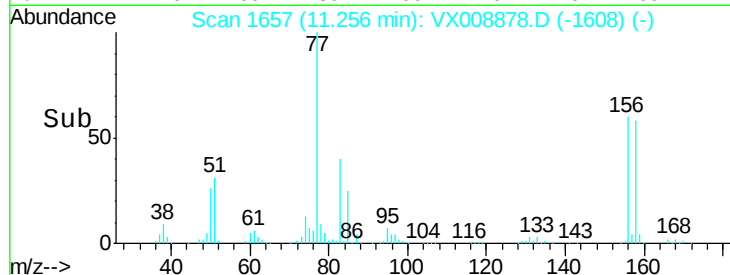
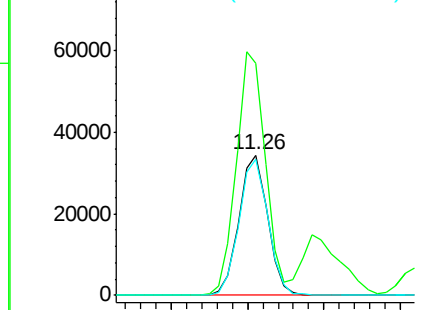
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.626 ug/l

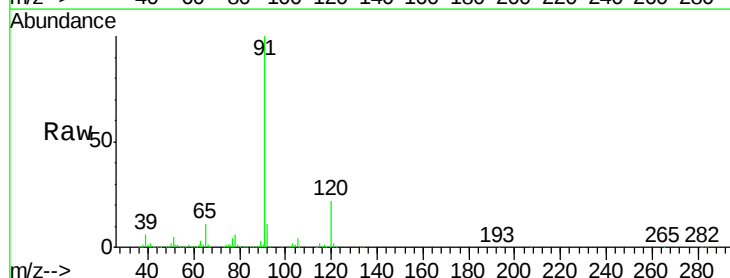
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008878.D

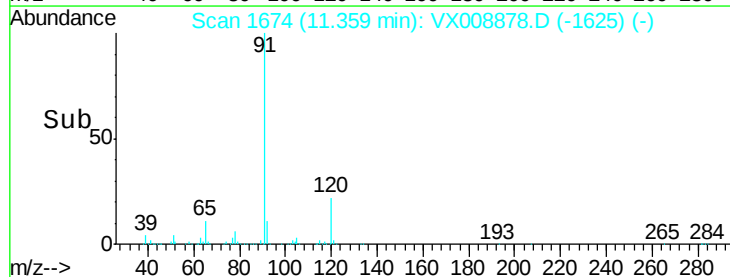
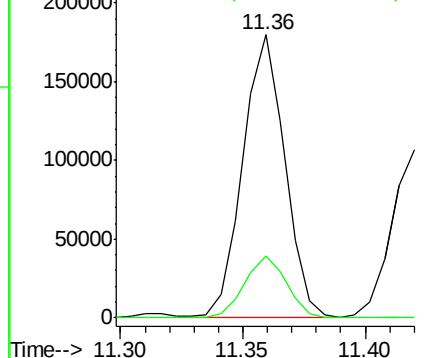
Acq: 12 Apr 2019 12:00

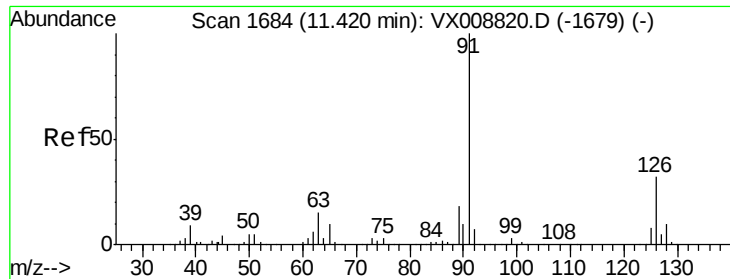
Tgt Ion:	91	Resp:	213195
Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.9	32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.460 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0412MBS01

Tgt Ion: 91 Resp: 127979

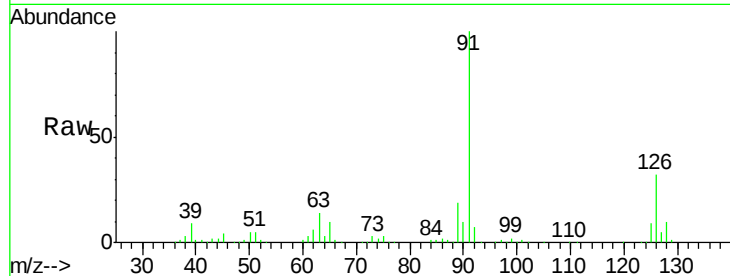
Ion Ratio Lower Upper

91 100

126 32.4 16.1 48.3

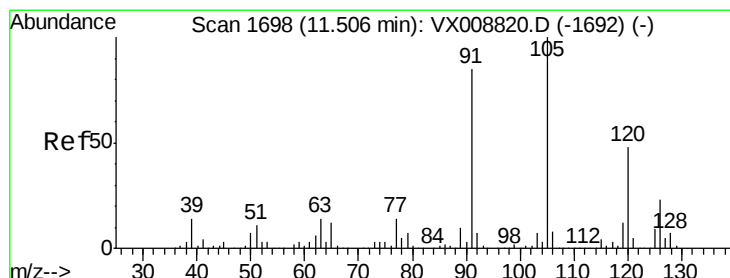
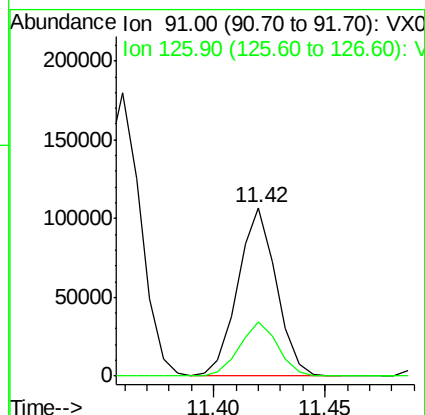
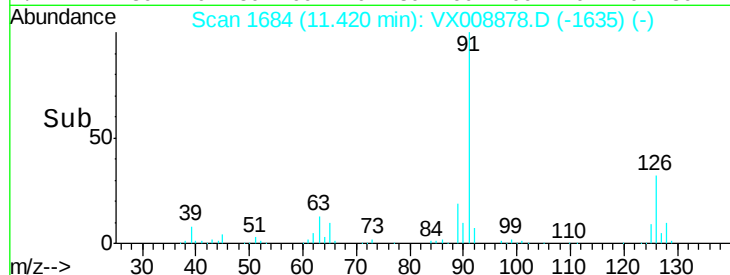
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX008820.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008820.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.040 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008878.D

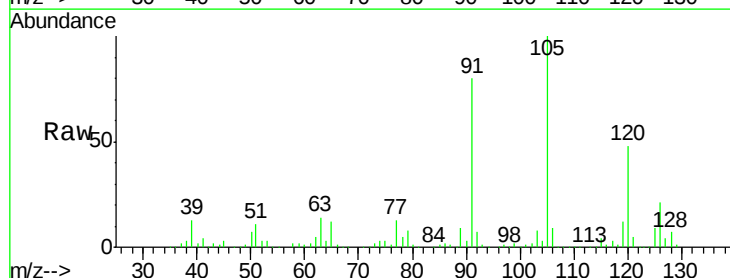
Acq: 12 Apr 2019 12:00

Tgt Ion: 105 Resp: 156786

Ion Ratio Lower Upper

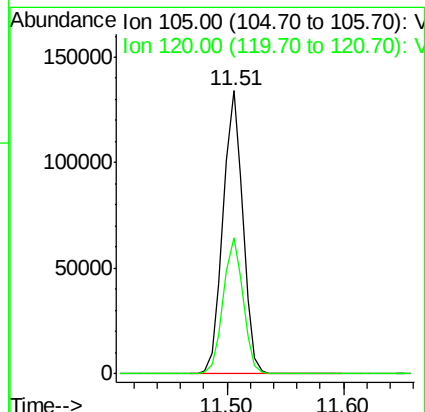
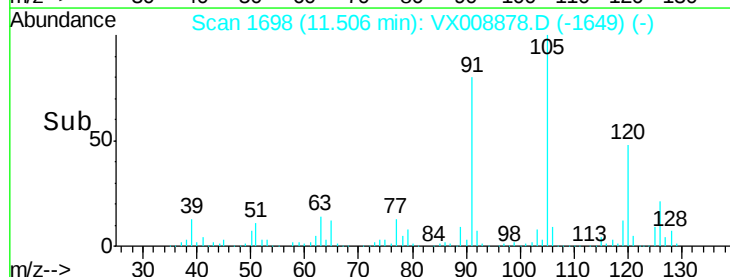
105 100

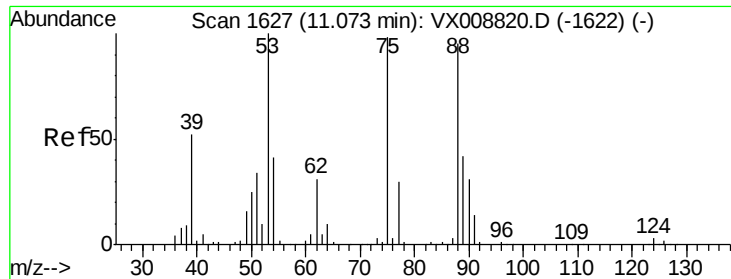
120 48.2 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008820.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008820.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.885 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Instrument :

MSVOA_X

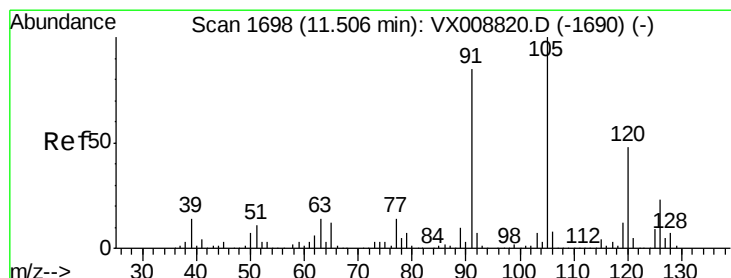
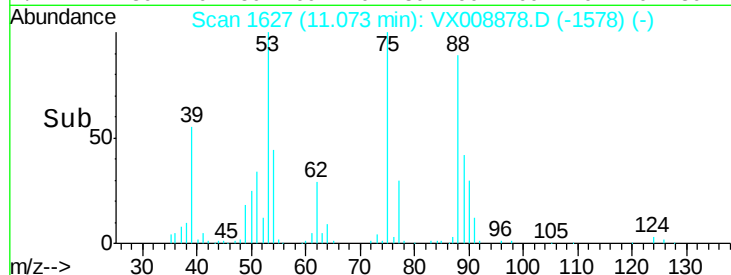
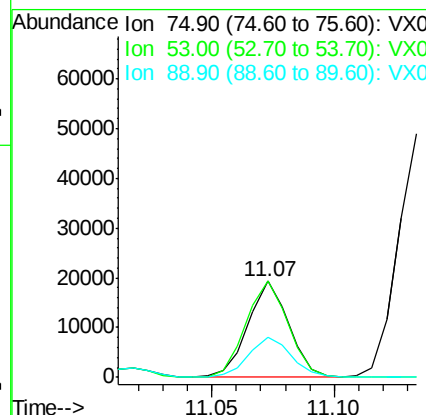
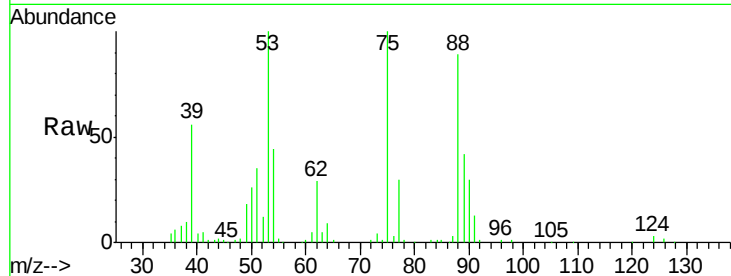
ClientSampleId :

VX0412MBS01

Tgt Ion:	75	Resp:	22295
Ion Ratio	Lower	Upper	
75	100		
53	105.3	81.3	121.9
89	45.1	35.6	53.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.372 ug/l

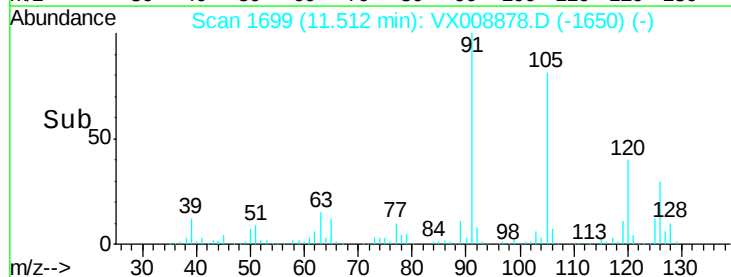
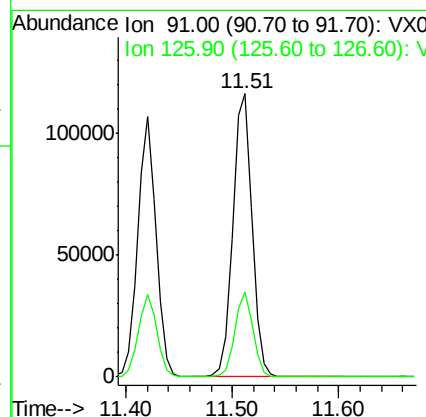
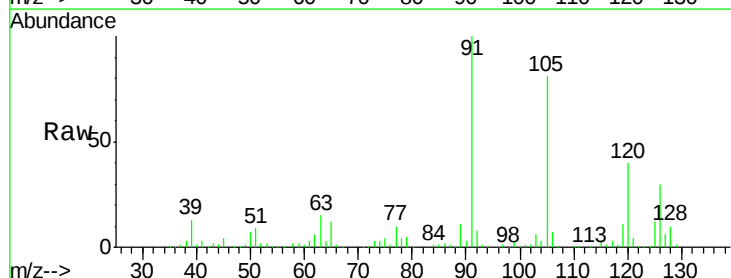
RT: 11.51 min Scan# 1699

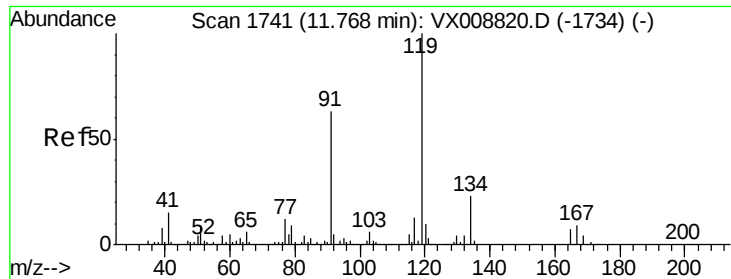
Delta R.T. -0.00 min

Lab File: VX008878.D

Acq: 12 Apr 2019 12:00

Tgt Ion:	91	Resp:	147500
Ion Ratio	Lower	Upper	
91	100		
126	28.4	13.9	41.6





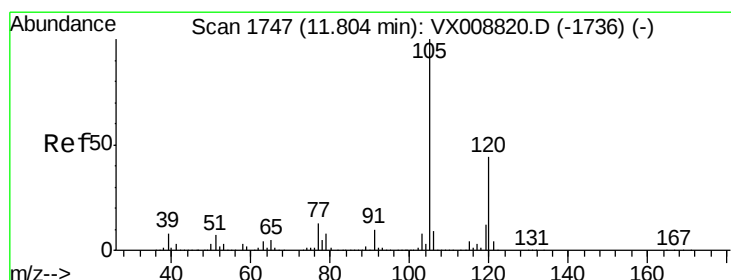
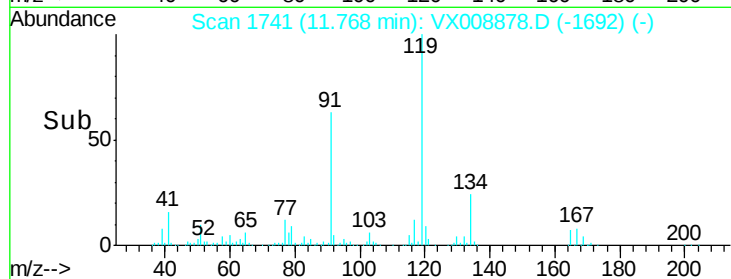
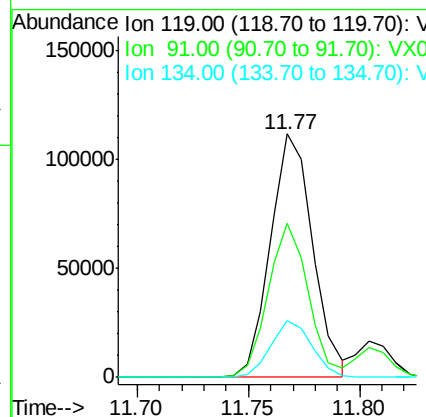
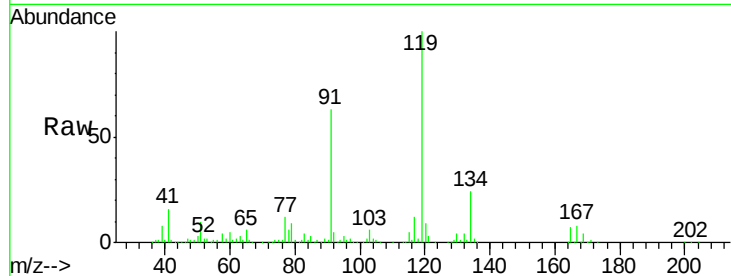
#83
 tert-Butylbenzene
 Concen: 20.549 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	147314		
91	60.1	30.0	90.1	
134	22.7	11.1	33.3	

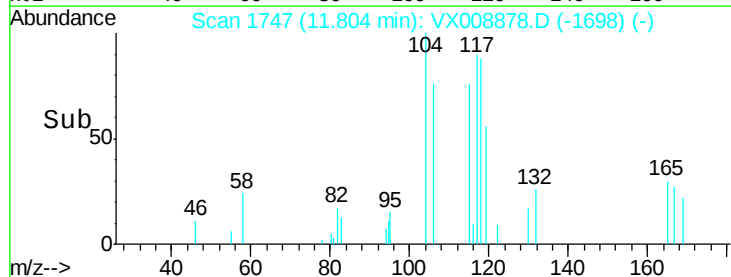
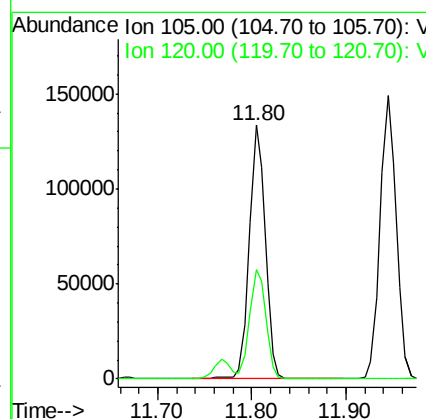
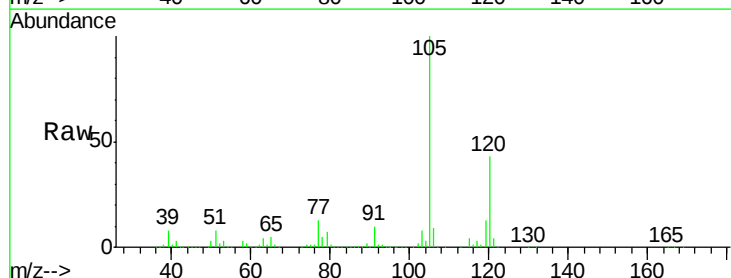
Manual Integrations
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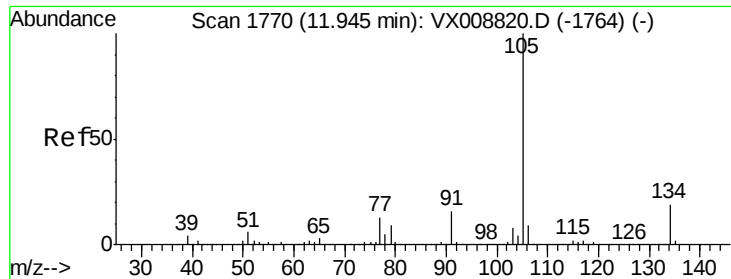
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.920 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	157844		
120	43.6	21.8	65.3	





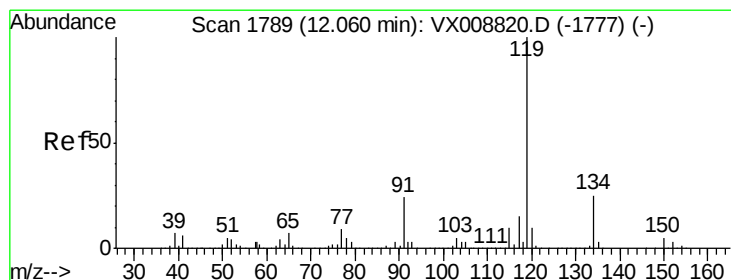
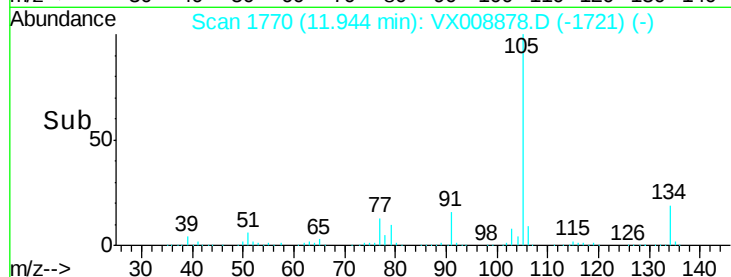
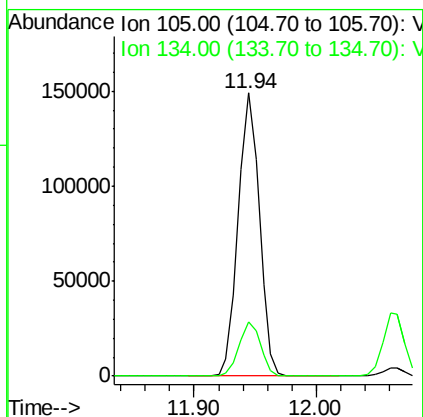
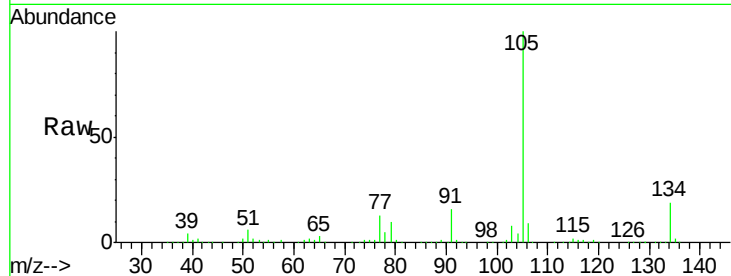
#85
 sec-Butylbenzene
 Concen: 20.973 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412MBS01

Tgt Ion:105 Resp: 178596
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.4 28.2

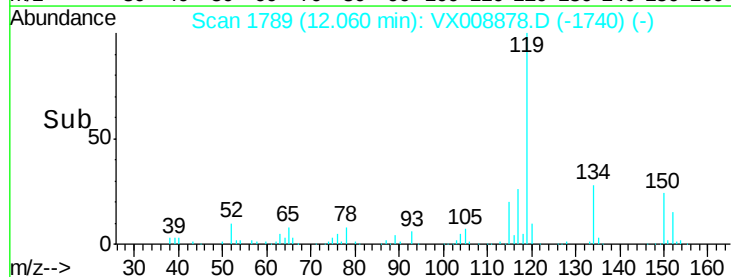
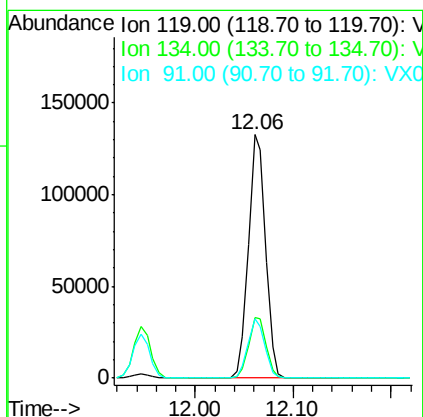
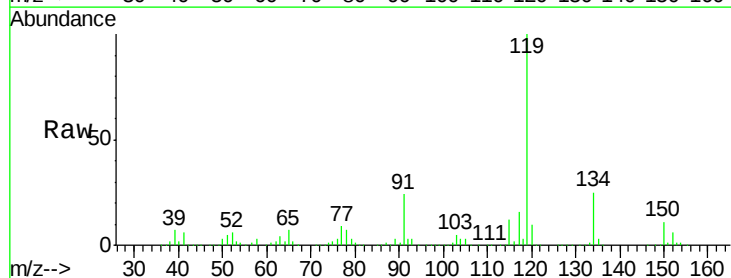
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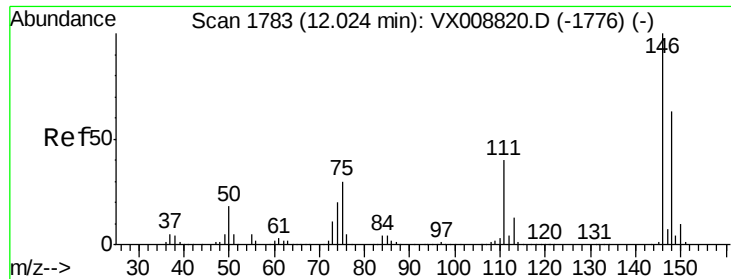
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#86
 p-Isopropyltoluene
 Concen: 21.108 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Tgt Ion:119 Resp: 161329
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.2 12.2 36.6





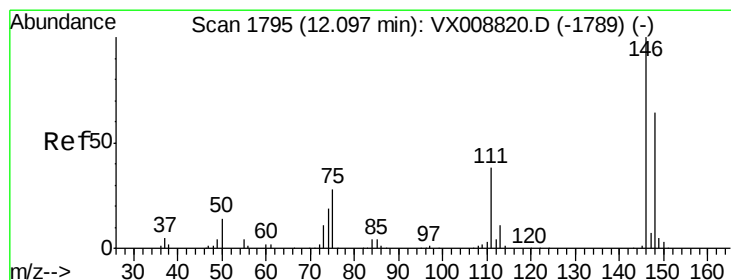
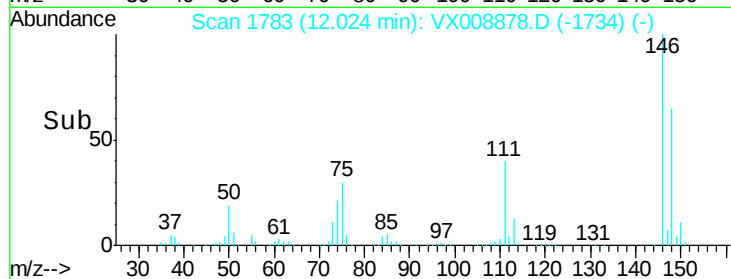
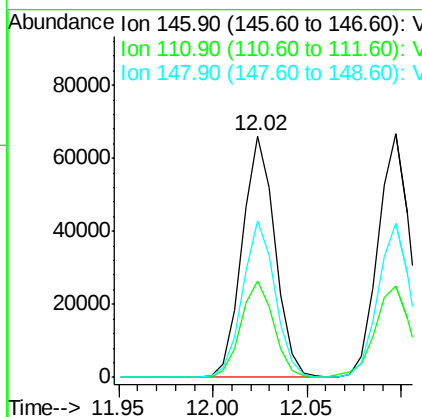
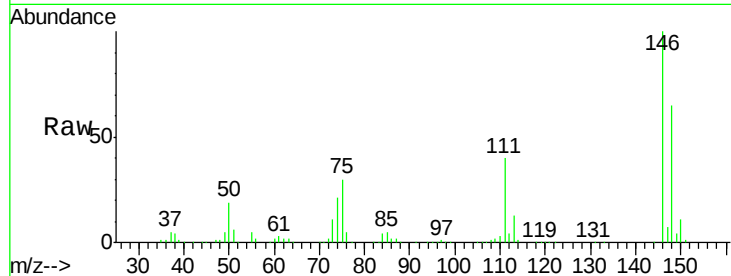
#87
 1,3-Dichlorobenzene
 Concen: 20.892 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.5	61.5
148	63.7	31.6	94.7

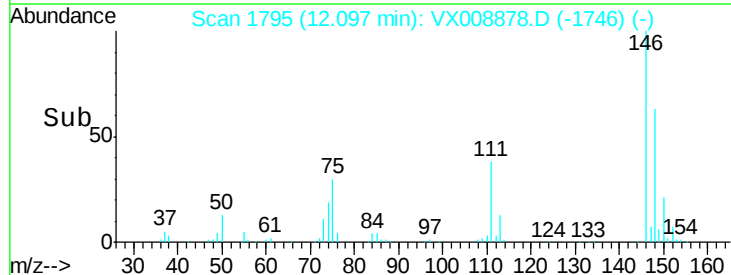
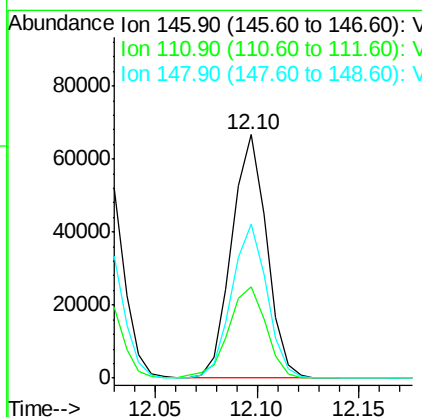
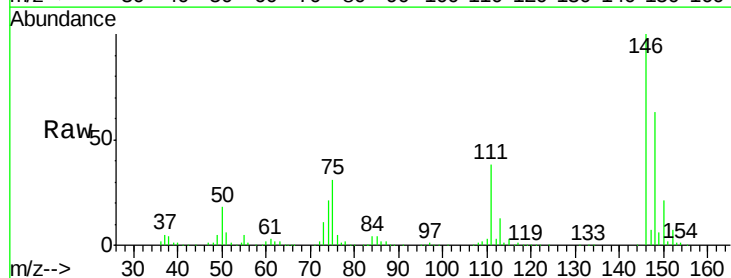
Manual Integrations
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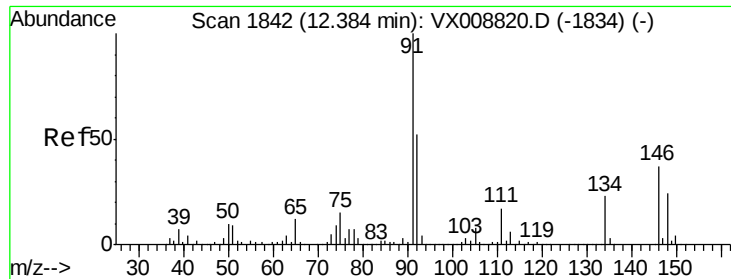
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 4/13/2019 2:11:32 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.401 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.6
148	63.7	32.0	96.0





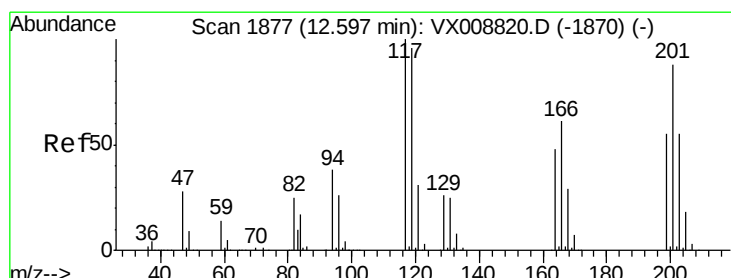
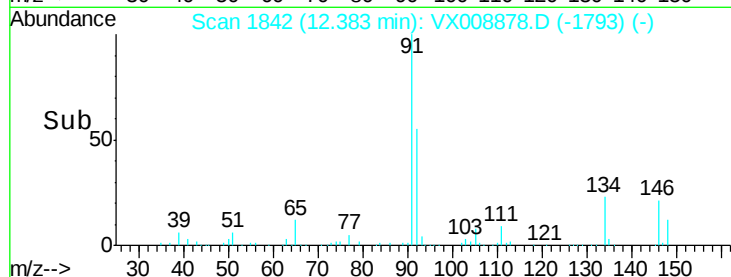
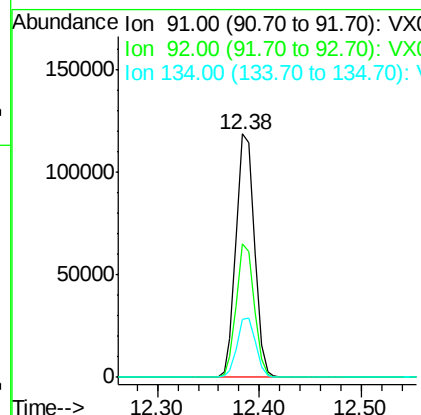
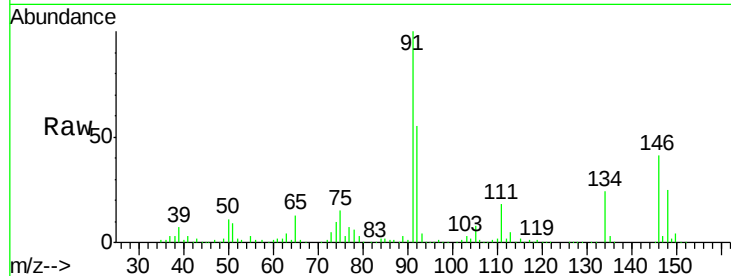
#89
n-Butylbenzene
Concen: 20.592 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Tgt Ion: 91 Resp: 147602
Ion Ratio Lower Upper
91 100
92 53.4 26.4 79.2
134 24.4 12.0 36.0

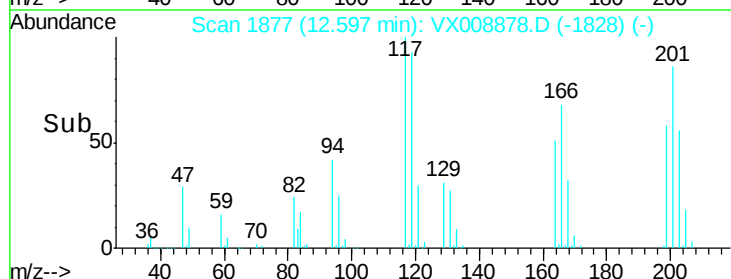
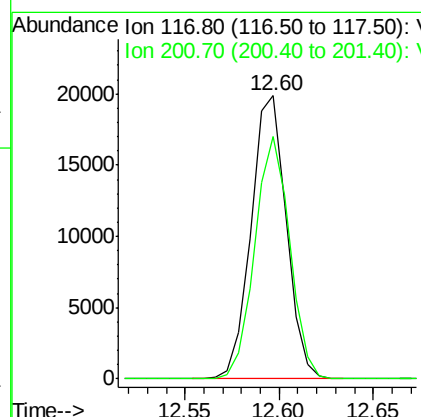
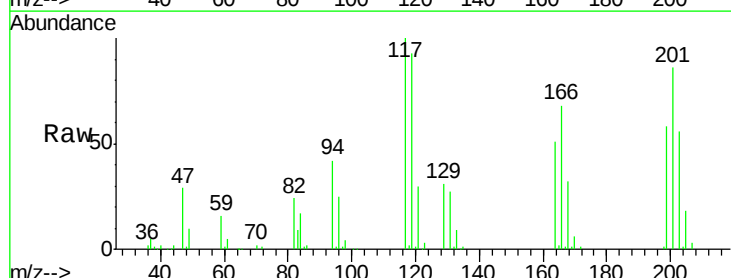
Manual Integrations
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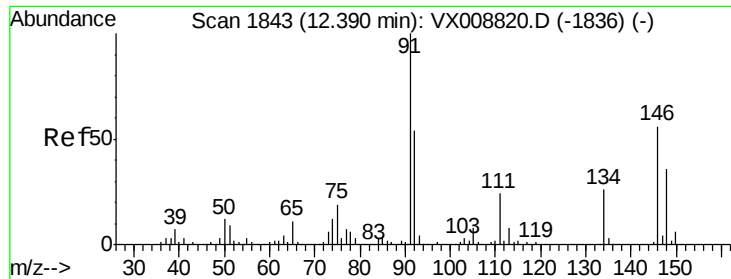
MMDadoda
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#90
Hexachloroethane
Concen: 20.294 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Tgt Ion: 117 Resp: 25726
Ion Ratio Lower Upper
117 100
201 84.7 40.6 122.0





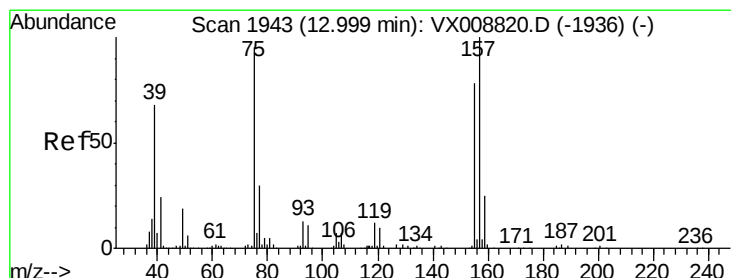
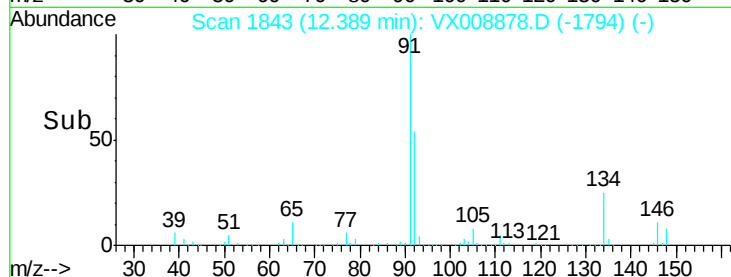
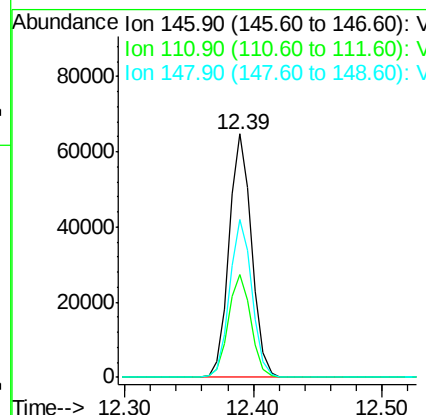
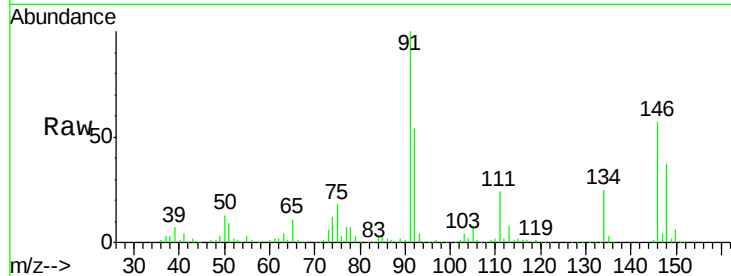
#91
 1,2-Dichlorobenzene
 Concen: 21.036 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.9
148	64.2	31.7	95.1

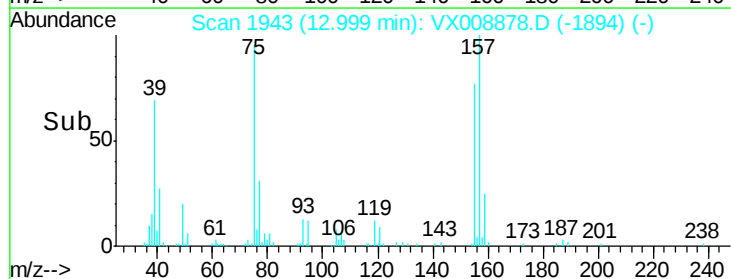
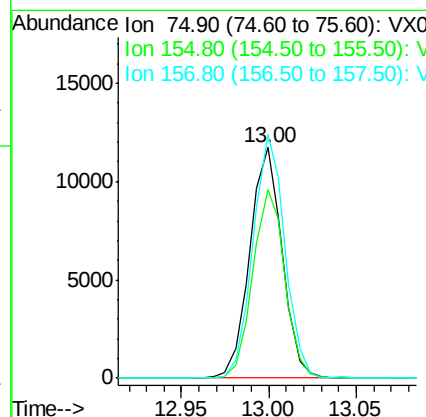
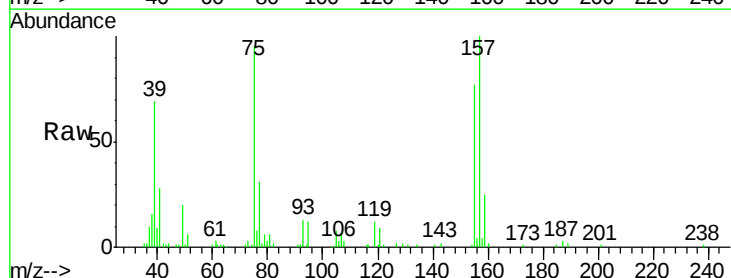
Manual Integrations
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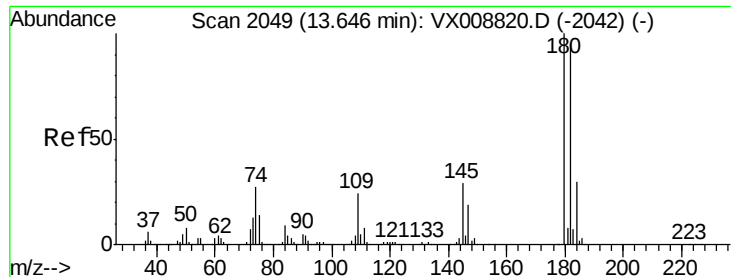
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.229 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	39.9	119.6
157	103.9	51.5	154.7





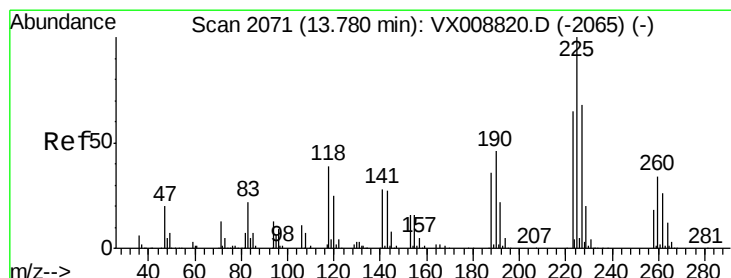
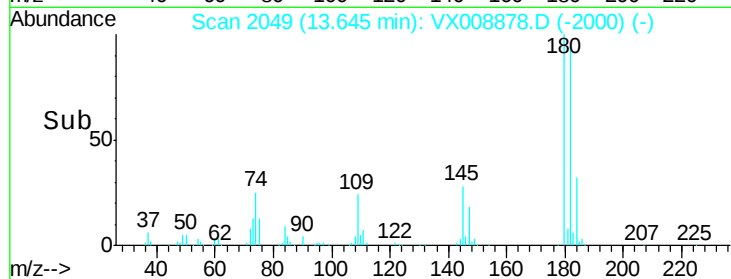
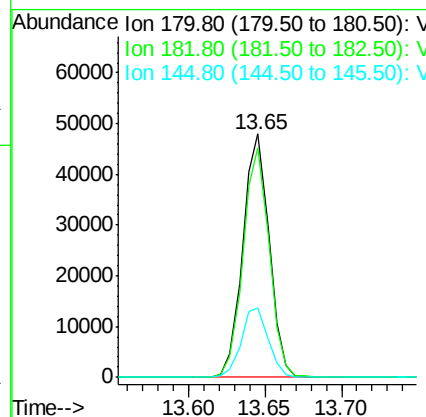
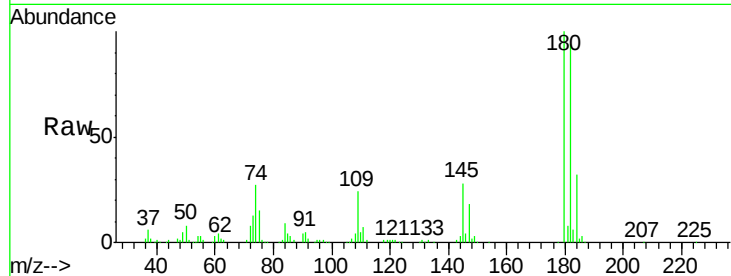
#93
 1,2,4-Trichlorobenzene
 Concen: 21.653 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412MBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.2	141.6
145	29.3	15.3	45.9

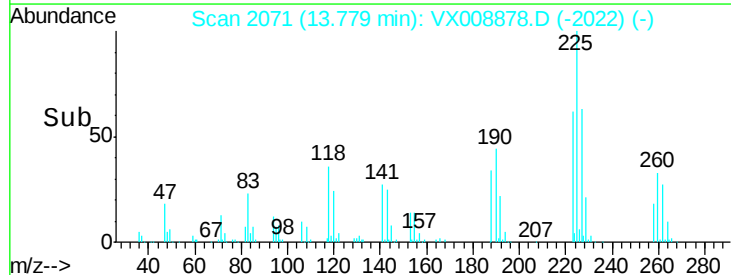
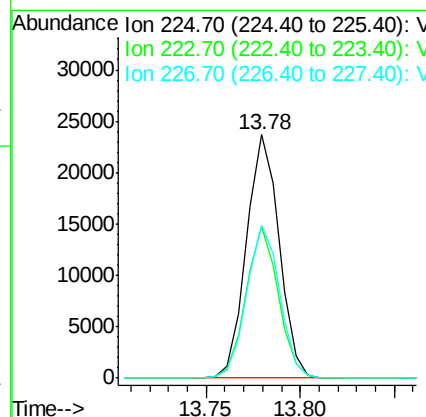
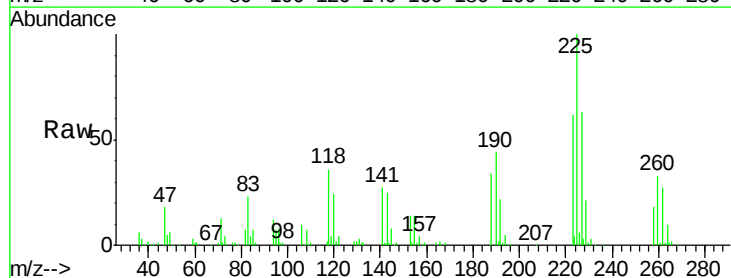
Manual Integrations
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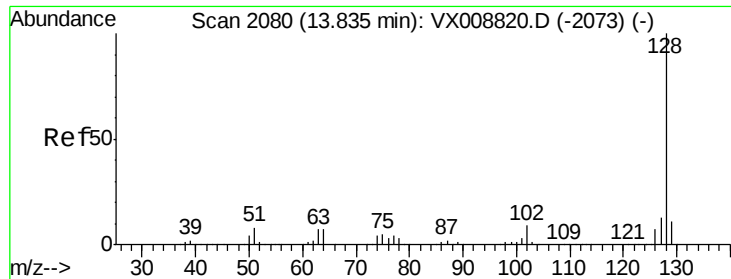
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#94
 Hexachlorobutadiene
 Concen: 22.531 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008878.D
 Acq: 12 Apr 2019 12:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.2	93.6
227	63.2	31.9	95.5





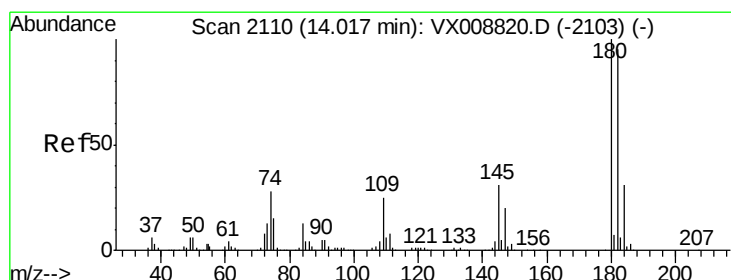
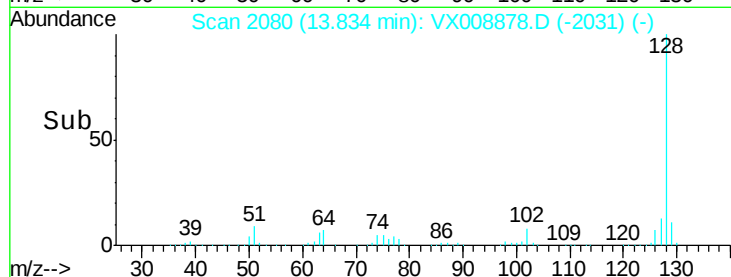
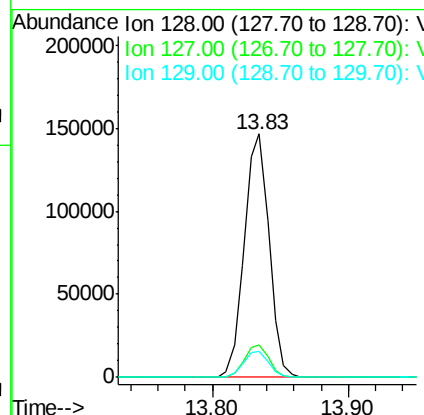
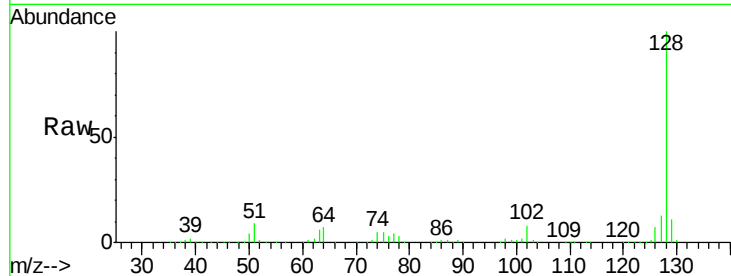
#95
Naphthalene
Concen: 21.094 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0412MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	185938		
127	13.1	10.4	15.6	
129	10.9	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.415 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008878.D
Acq: 12 Apr 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	56431		
182	94.4	48.1	144.3	
145	31.4	16.3	48.8	

