

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030918\
 Data File : VX000249.D
 Acq On : 09 Mar 2018 11:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 09 15:34:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	125248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	200467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	209635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	128957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	78684	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
35) Dibromofluoromethane	5.51	113	62326	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	8.73	98	258501	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.15	95	105874	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57778	42.335	ug/l	96
3) Chloromethane	1.32	50	56830	42.653	ug/l	99
4) Vinyl Chloride	1.41	62	68020	43.806	ug/l	100
5) Bromomethane	1.64	94	85311	52.808	ug/l	100
6) Chloroethane	1.72	64	43748	45.147	ug/l	99
7) Trichlorofluoromethane	1.93	101	115978	45.022	ug/l	99
8) Diethyl Ether	2.19	74	41495	43.887	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64692	44.965	ug/l	98
10) Methyl Iodide	2.51	142	58654	39.541	ug/l	98
11) Tert butyl alcohol	3.07	59	150407	235.760	ug/l	99
12) 1,1-Dichloroethene	2.38	96	58864	44.561	ug/l	96
13) Acrolein	2.30	56	72068	214.869	ug/l	98
14) Allyl chloride	2.73	41	109393	44.830	ug/l	98
15) Acrylonitrile	3.15	53	264456	238.197	ug/l	99
16) Acetone	2.45	43	296075	237.455	ug/l	100
17) Carbon Disulfide	2.57	76	152746	42.201	ug/l	99
18) Methyl Acetate	2.78	43	127161	47.889	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	212605	45.194	ug/l	99
20) Methylene Chloride	2.86	84	64842	43.605	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	63411	43.646	ug/l	99
22) Diisopropyl ether	3.88	45	206837	49.358	ug/l	99
23) Vinyl Acetate	3.83	43	1036780	256.716	ug/l	100
24) 1,1-Dichloroethane	3.70	63	113515	44.188	ug/l	99
25) 2-Butanone	4.71	43	366938	238.465	ug/l	96
26) 2,2-Dichloropropane	4.59	77	80851	43.059	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	60652	44.028	ug/l	97
28) Bromochloromethane	5.03	49	63004	57.706	ug/l	98
29) Tetrahydrofuran	5.18	42	238905	247.196	ug/l	98
30) Chloroform	5.22	83	111948	45.074	ug/l	99
31) Cyclohexane	5.59	56	90177	47.469	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	99254	46.090	ug/l	98
36) 1,1-Dichloropropene	5.81	75	83598	46.866	ug/l	100
37) Ethyl Acetate	4.87	43	121036	46.954	ug/l	99
38) Carbon Tetrachloride	5.79	117	86867	48.121	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	105307	48.115	ug/l	96
40) Benzene	6.15	78	242417	47.122	ug/l	98
41) Methacrylonitrile	5.07	41	62910	47.878	ug/l	97
42) 1,2-Dichloroethane	6.20	62	99018	49.071	ug/l	99
43) Isopropyl Acetate	6.48	43	184852	49.597	ug/l	99
44) Trichloroethene	7.22	130	70136	47.631	ug/l	98
45) 1,2-Dichloropropane	7.52	63	65348	50.152	ug/l	99
46) Dibromomethane	7.67	93	50178	48.676	ug/l	99
47) Bromodichloromethane	7.90	83	91037	50.206	ug/l	98
48) Methyl methacrylate	7.79	41	89451	48.726	ug/l	98
49) 1,4-Dioxane	7.76	88	43026	1032.444	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	747256	265.635	ug/l	99
52) Toluene	8.79	92	172063	48.799	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	105838	49.531	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	107945	52.216	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	73406	51.401	ug/l	98
56) Ethyl methacrylate	9.19	69	112530	52.653	ug/l	95
57) 1,3-Dichloropropane	9.38	76	116174	48.446	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	290816	269.520	ug/l	99
59) 2-Hexanone	9.51	43	649242	270.670	ug/l	99
60) Dibromochloromethane	9.59	129	77691	51.596	ug/l	99
61) 1,2-Dibromoethane	9.68	107	81208	51.208	ug/l	97
64) Tetrachloroethene	9.34	164	69090	47.104	ug/l	97
65) Chlorobenzene	10.15	112	205441	48.527	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	70533	48.731	ug/l	98
67) Ethyl Benzene	10.26	91	353834	47.888	ug/l	97
68) m/p-Xylenes	10.37	106	284698	100.114	ug/l	99
69) o-Xylene	10.71	106	135392	49.536	ug/l	98
70) Styrene	10.72	104	230542	50.847	ug/l	99
71) Bromoform	10.87	173	62442	42.731	ug/l #	99
73) Isopropylbenzene	11.02	105	372301	46.111	ug/l	100
74) N-amyl acetate	6.48	43	184852	44.749	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	137130	48.448	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	167032	64.616	ug/l	81
77) Bromobenzene	11.26	156	93053	44.579	ug/l	95
78) n-propylbenzene	11.37	91	457058	48.101	ug/l	98
79) 2-Chlorotoluene	11.43	91	256150	47.786	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	328901	48.793	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	42021	49.778	ug/l	97
82) 4-Chlorotoluene	11.52	91	317044	48.647	ug/l	98
83) tert-Butylbenzene	11.78	119	314178	47.898	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	339187	48.931	ug/l	98
85) sec-Butylbenzene	11.96	105	402504	48.513	ug/l	99
86) p-Isopropyltoluene	12.07	119	366277	50.063	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	187906	47.346	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	194866	46.851	ug/l	100
89) n-Butylbenzene	12.40	91	353216	50.127	ug/l	99
90) Hexachloroethane	12.60	117	56696	48.098	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	184791	47.029	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41254	51.899	ug/l	92

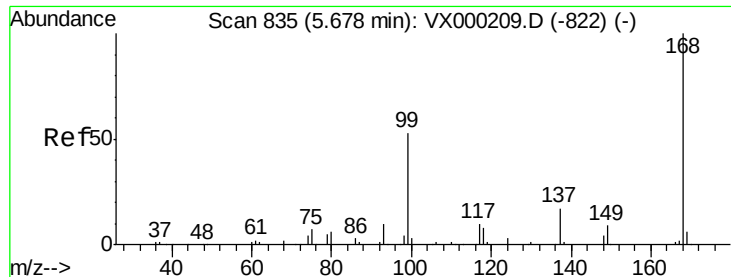
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128736	45.039	ug/l	97
94) Hexachlorobutadiene	13.79	225	54180	45.542	ug/l	99
95) Naphthalene	13.84	128	486113	48.735	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	129398	45.760	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

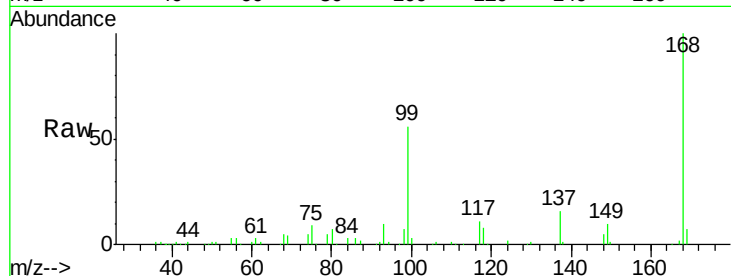
ClientSampleId :

Tot Ion:168 Resp: 125248

Ion Ratio Lower Upper

168 100

99 55.4 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

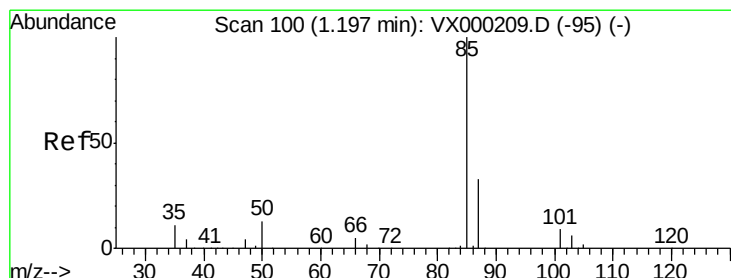
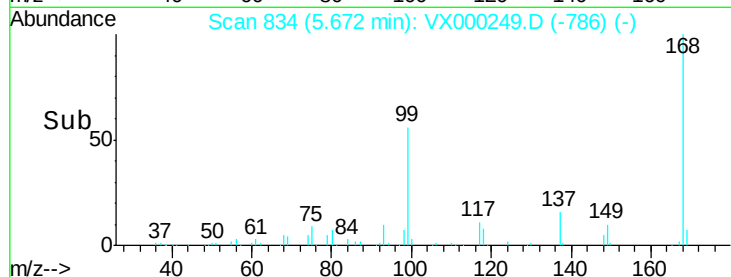
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.335 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000249.D

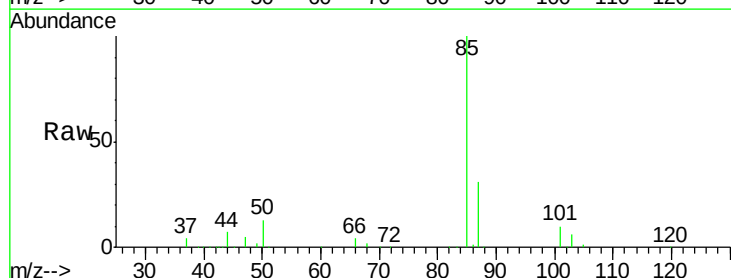
Acq: 09 Mar 2018 11:52

Tgt Ion: 85 Resp: 57778

Ion Ratio Lower Upper

85 100

87 31.0 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

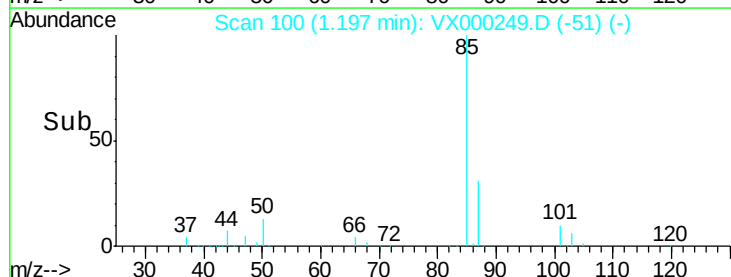
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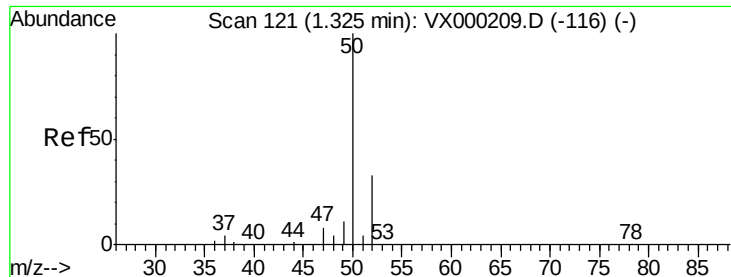
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20000

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Time-->





#3

Chloromethane

Concen: 42.653 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

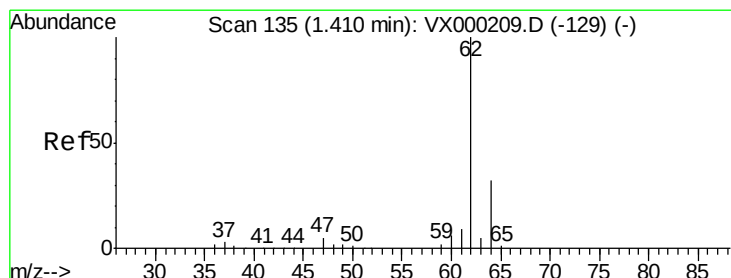
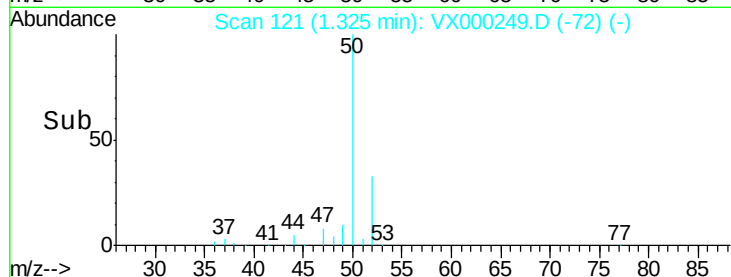
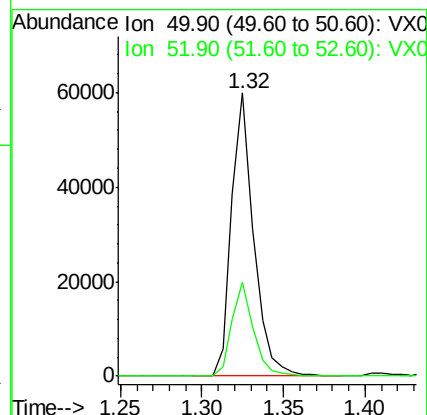
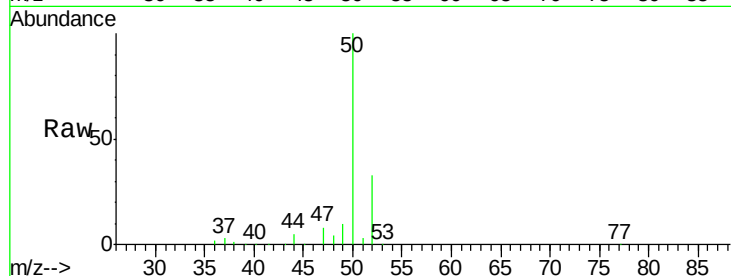
ClientSampleId :

Tot Ion: 50 Resp: 56830

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.2



#4

Vinyl Chloride

Concen: 43.806 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000249.D

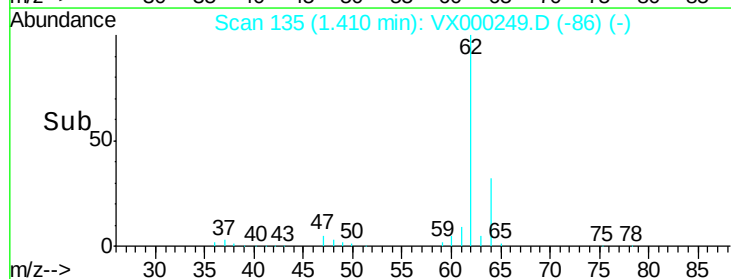
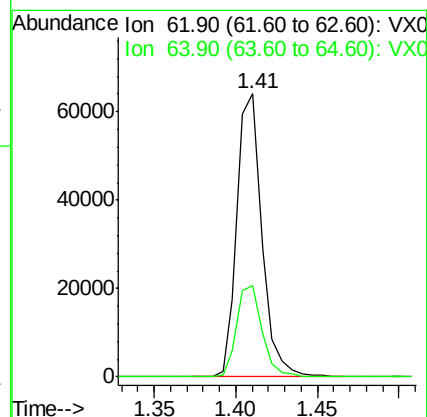
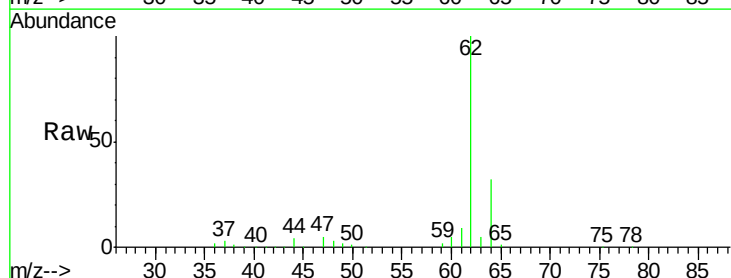
Acq: 09 Mar 2018 11:52

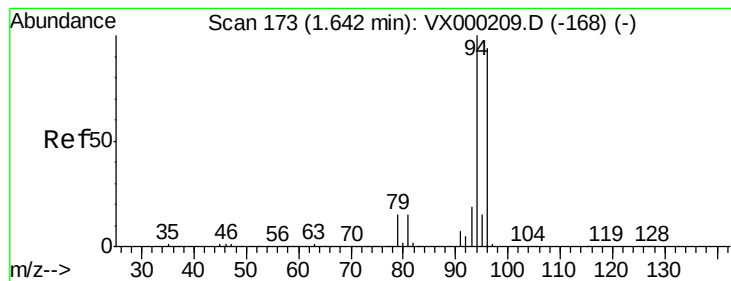
Tgt Ion: 62 Resp: 68020

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 52.808 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

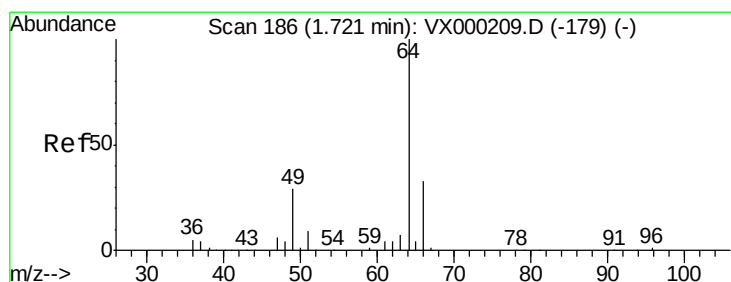
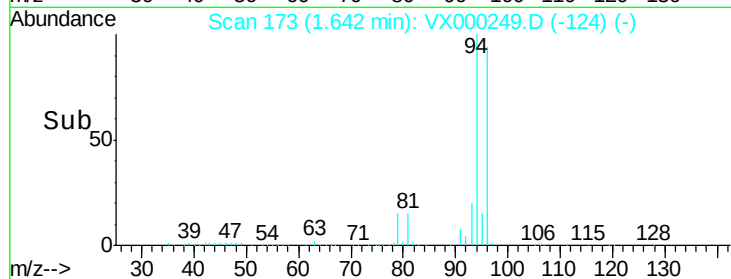
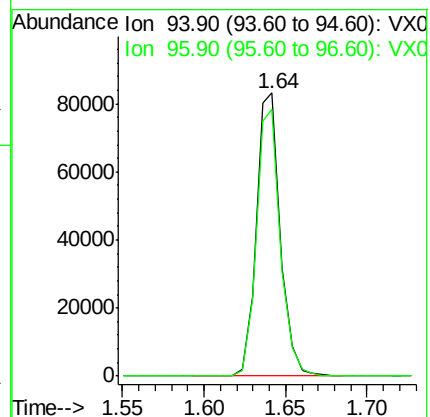
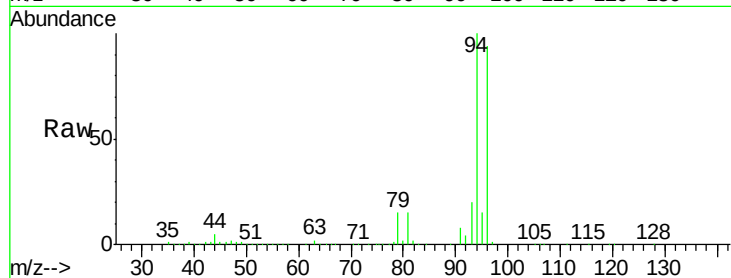
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 85311

Ion Ratio Lower Upper

94 100

96 94.2 75.3 112.9



#6

Chloroethane

Concen: 45.147 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000249.D

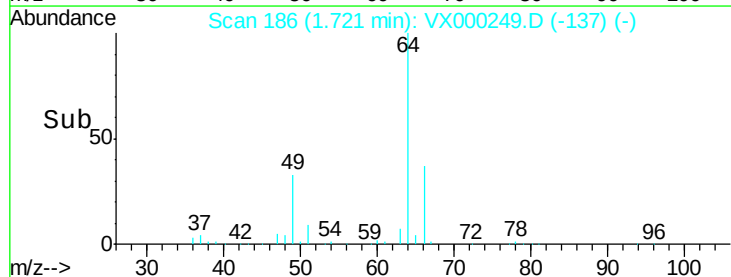
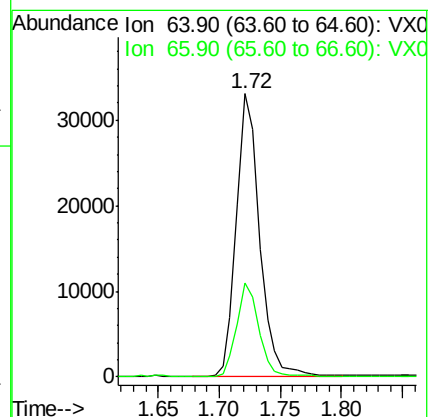
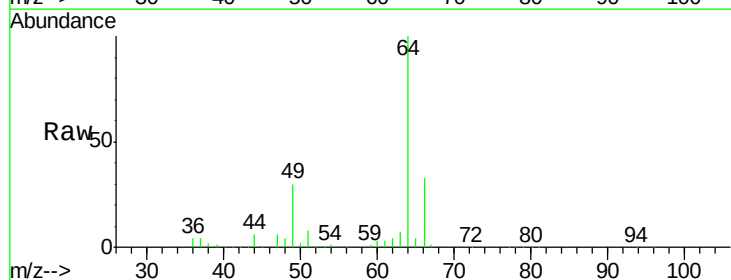
Acq: 09 Mar 2018 11:52

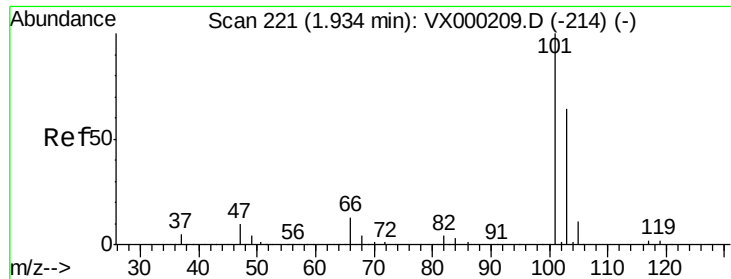
Tgt Ion: 64 Resp: 43748

Ion Ratio Lower Upper

64 100

66 33.4 26.2 39.4



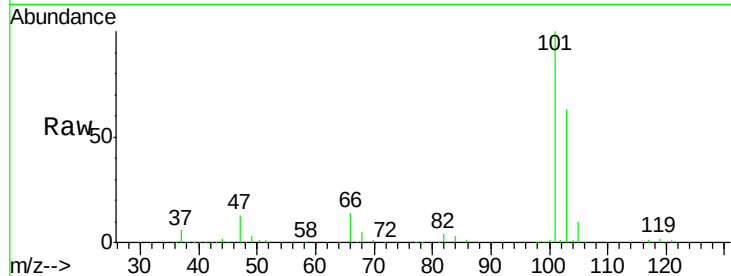


#7

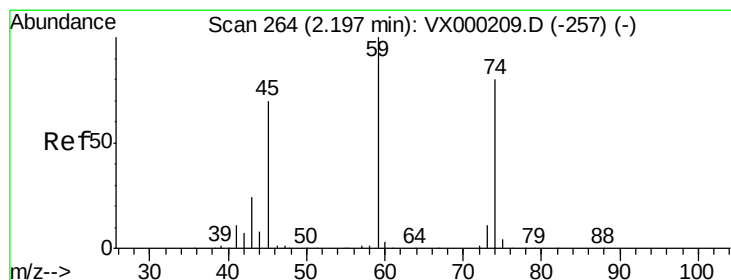
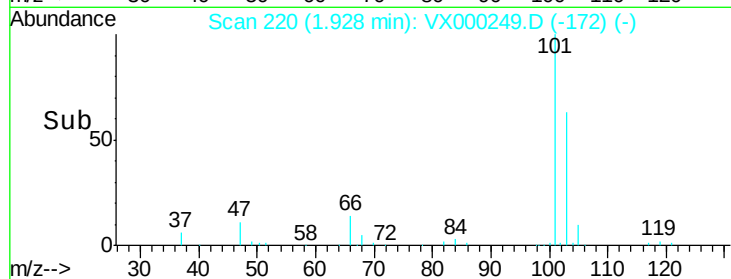
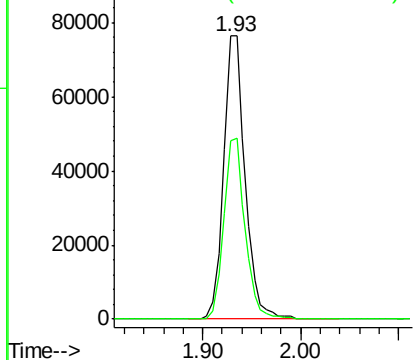
Trichlorofluoromethane
Concen: 45.022 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 115978
Ion Ratio Lower Upper
101 100
103 63.2 51.2 76.8



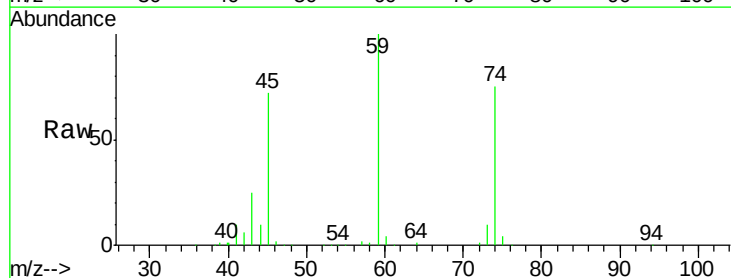
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



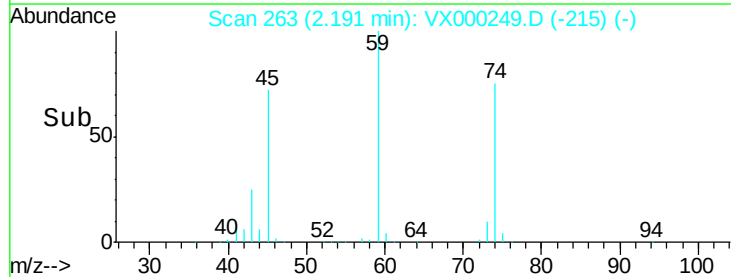
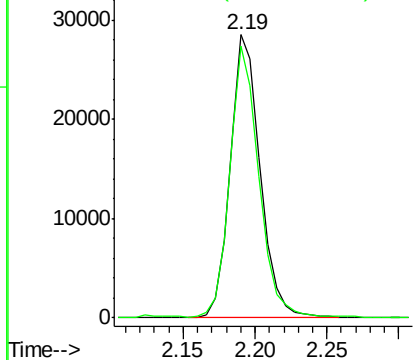
#8

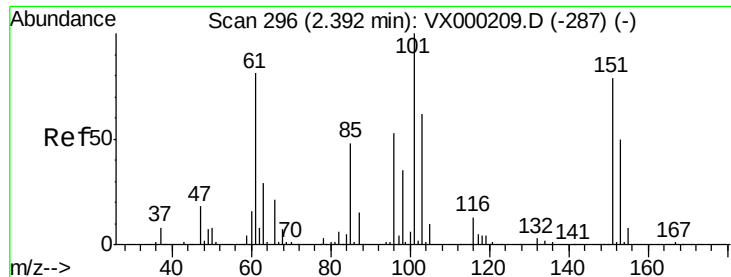
Diethyl Ether
Concen: 43.887 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion: 74 Resp: 41495
Ion Ratio Lower Upper
74 100
45 92.7 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.965 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampled :

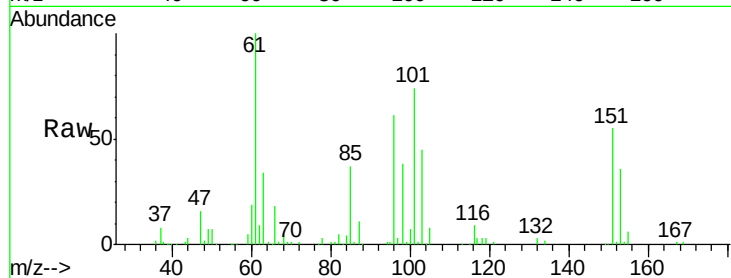
Tot Ion:101 Resp: 64692

Ion Ratio Lower Upper

101 100

85 49.2 38.3 57.5

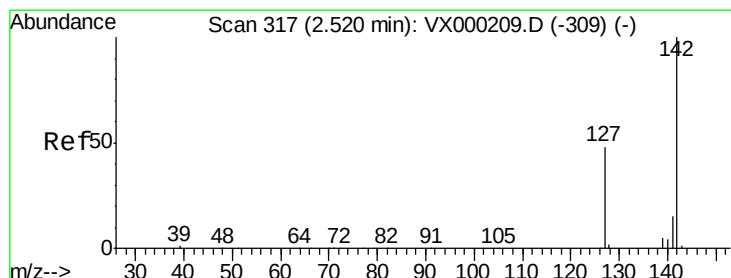
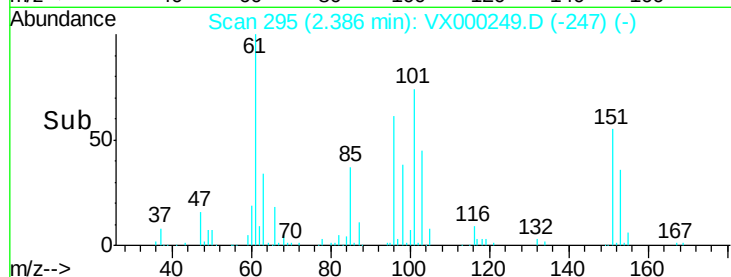
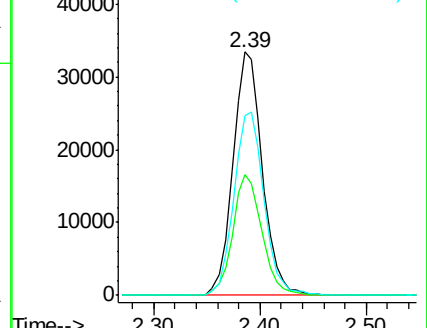
151 77.2 62.8 94.2



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: 39.541 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

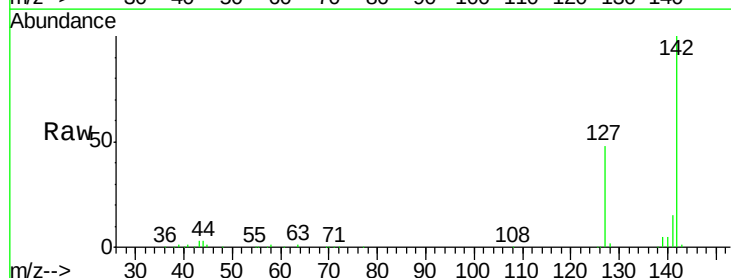
Tgt Ion:142 Resp: 58654

Ion Ratio Lower Upper

142 100

127 49.9 39.0 58.6

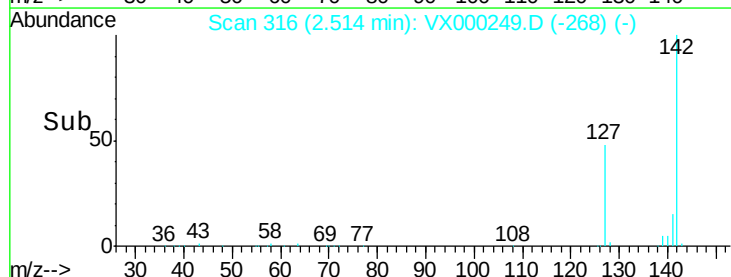
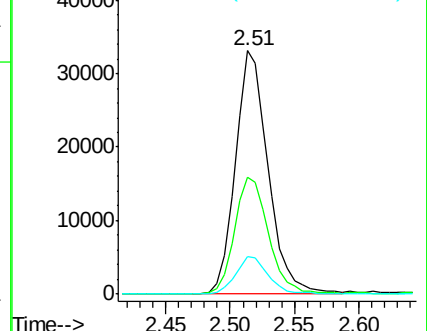
141 15.2 11.6 17.4

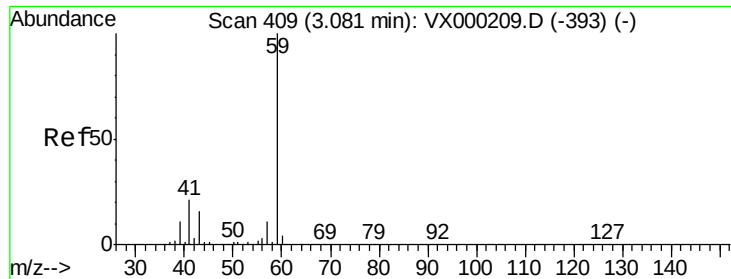


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

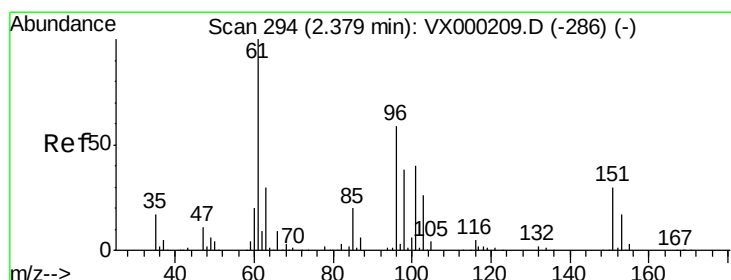
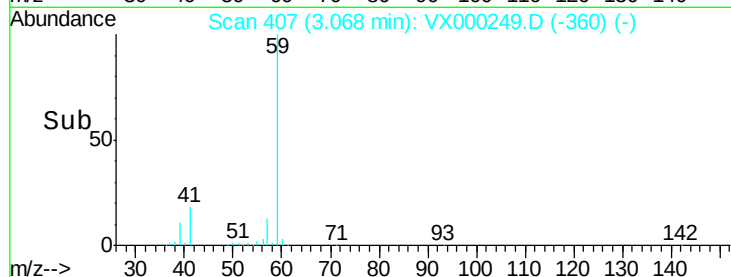
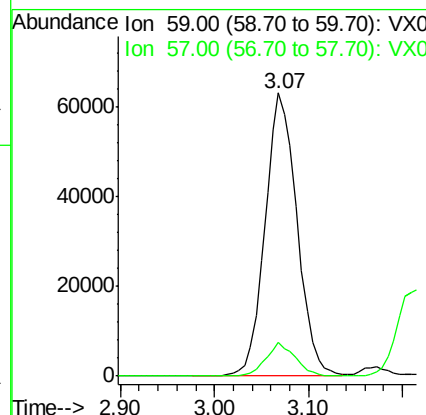
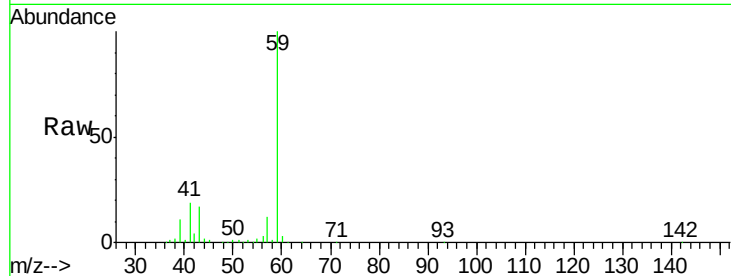




#11
Tert butyl alcohol
Concen: 235.760 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

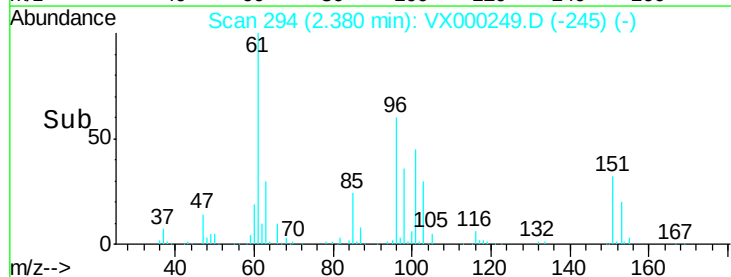
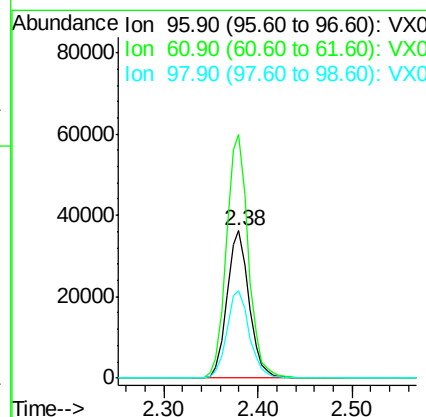
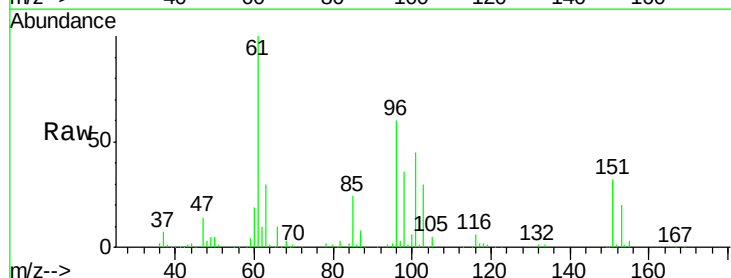
Instrument :
MSVOA_X
ClientSampleId :

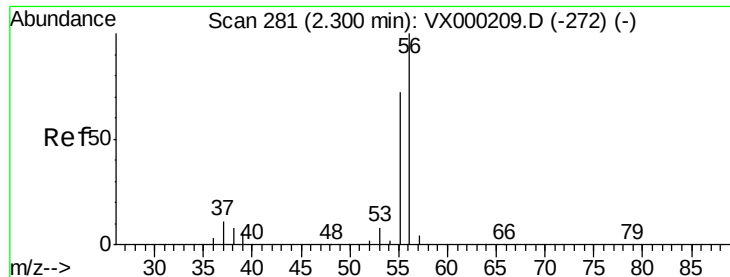
Tot Ion: 59 Resp: 150407
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6



#12
1,1-Dichloroethene
Concen: 44.561 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion: 96 Resp: 58864
Ion Ratio Lower Upper
96 100
61 165.6 135.8 203.6
98 59.4 51.1 76.7





#13

Acrolein

Concen: 214.869 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

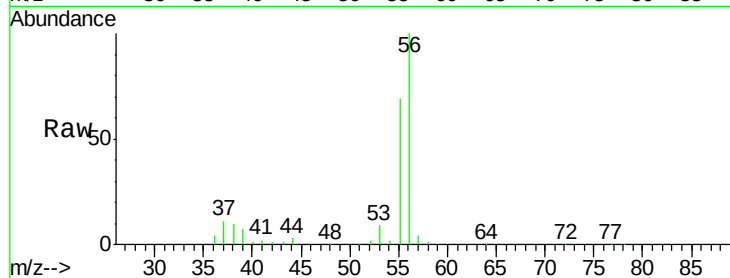
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 72068

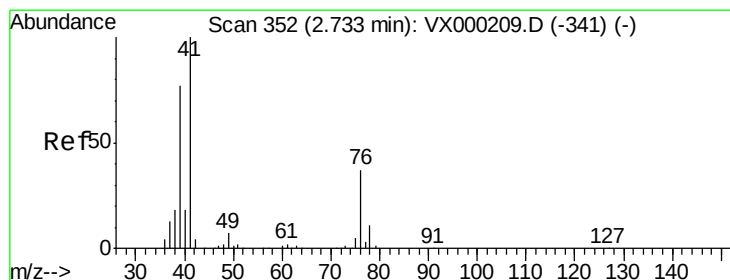
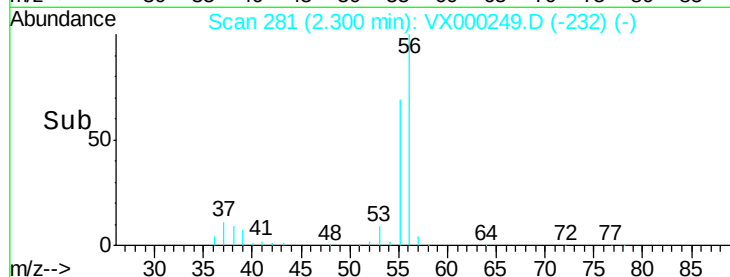
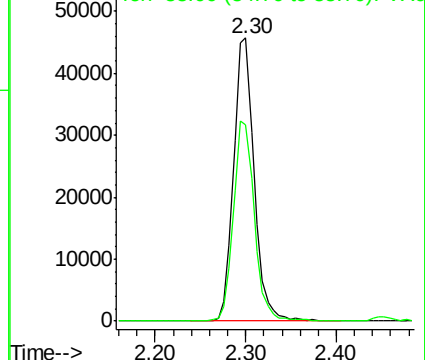
Ion Ratio Lower Upper

56 100

55 72.2 59.2 88.8



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.830 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

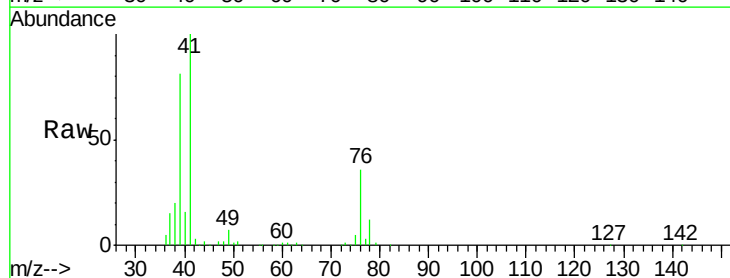
Tgt Ion: 41 Resp: 109393

Ion Ratio Lower Upper

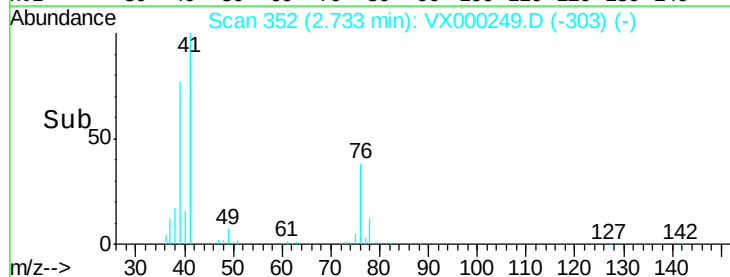
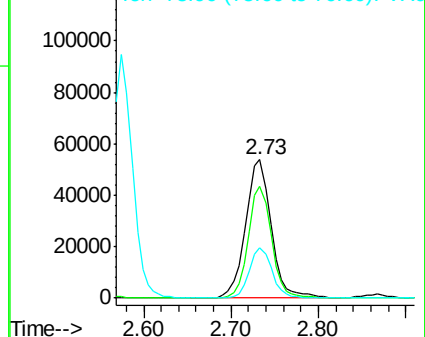
41 100

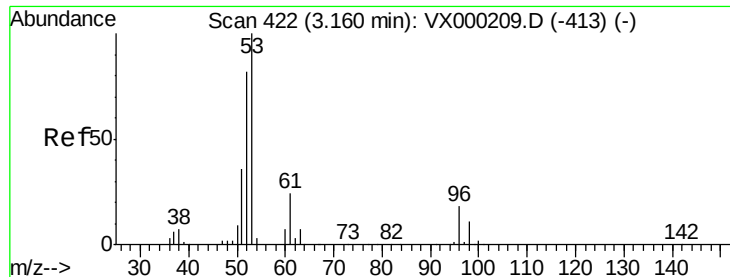
39 72.8 57.0 85.6

76 32.4 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 238.197 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :

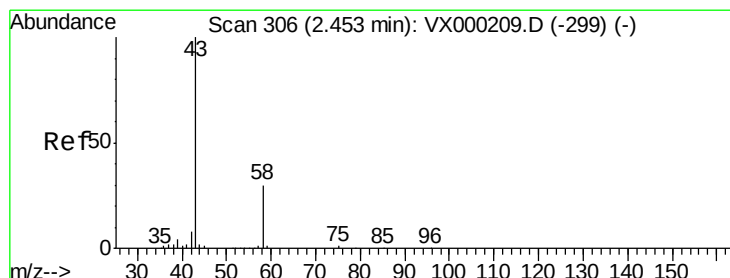
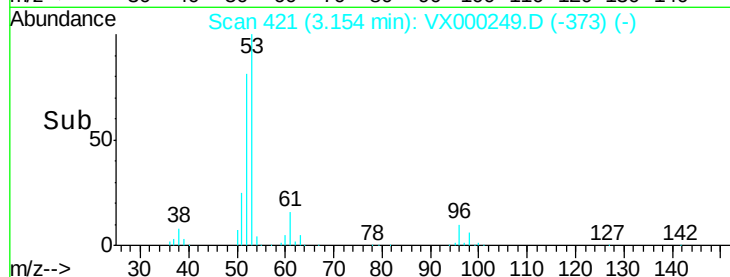
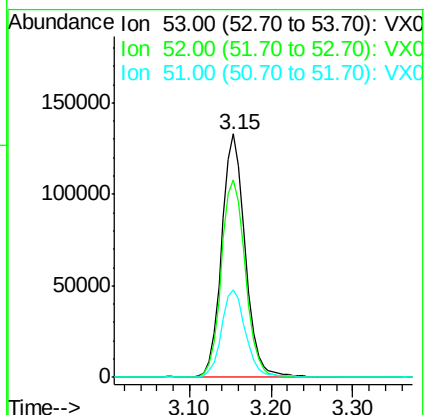
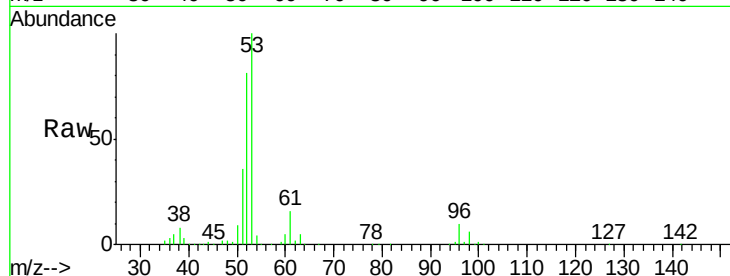
Tot Ion: 53 Resp: 264456

Ion Ratio Lower Upper

53 100

52 83.6 66.3 99.5

51 37.2 29.6 44.4



#16

Acetone

Concen: 237.455 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000249.D

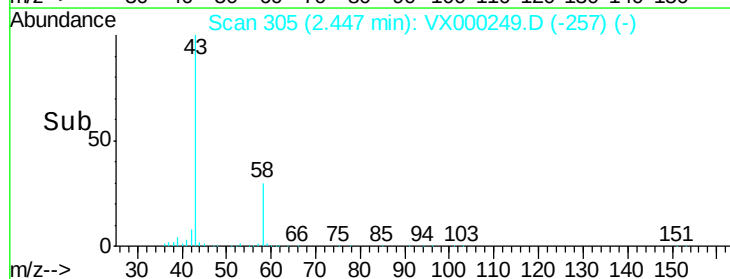
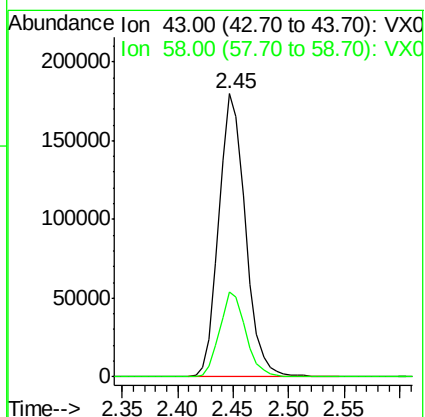
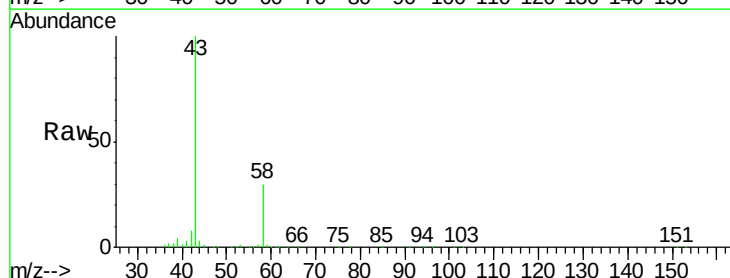
Acq: 09 Mar 2018 11:52

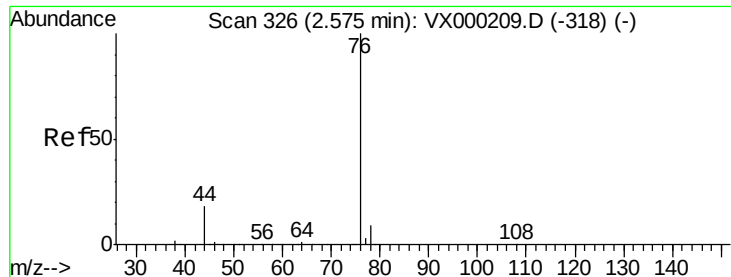
Tgt Ion: 43 Resp: 296075

Ion Ratio Lower Upper

43 100

58 29.9 23.8 35.6





#17

Carbon Disulfide

Concen: 42.201 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

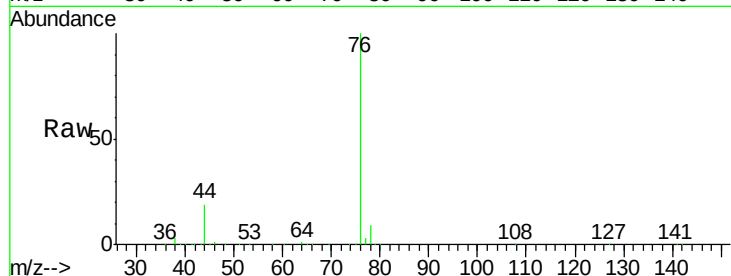
ClientSampled :

Tot Ion: 76 Resp: 152746

Ion Ratio Lower Upper

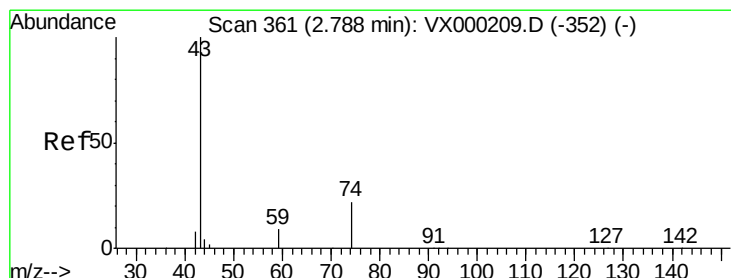
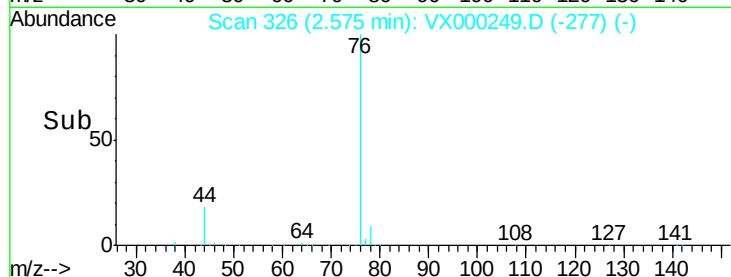
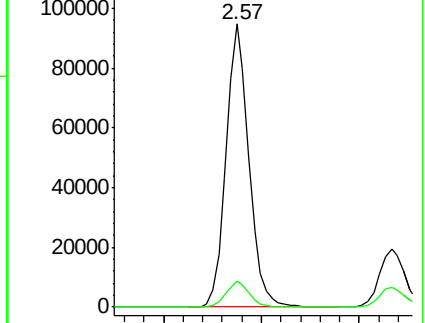
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.889 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000249.D

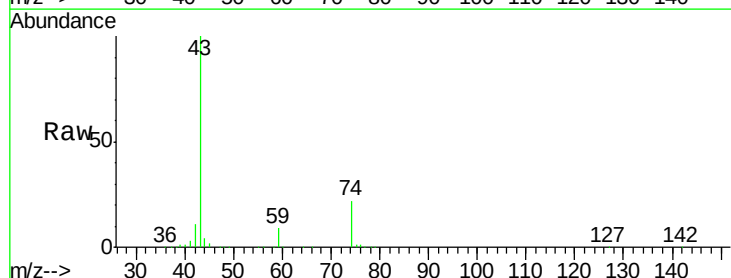
Acq: 09 Mar 2018 11:52

Tgt Ion: 43 Resp: 127161

Ion Ratio Lower Upper

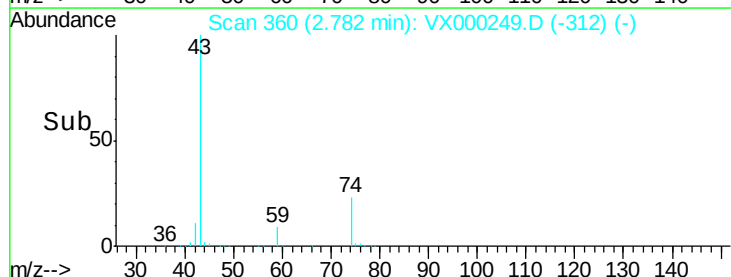
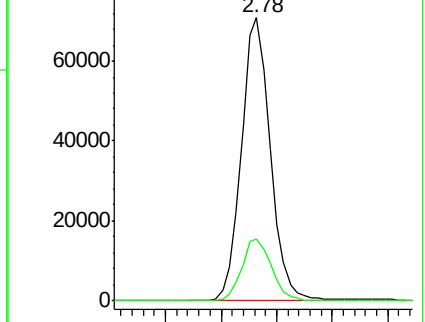
43 100

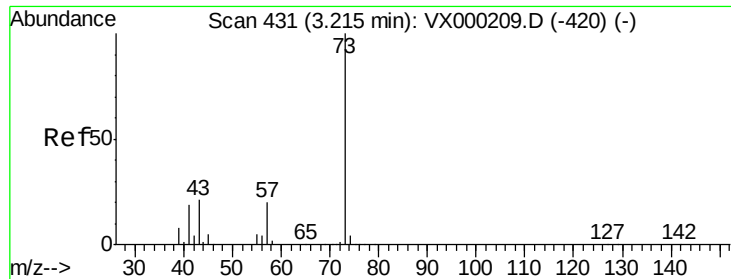
74 23.0 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

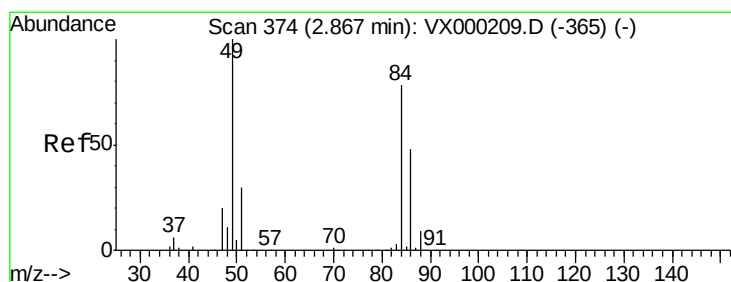
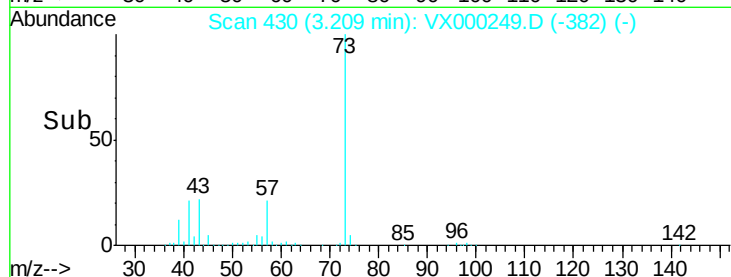
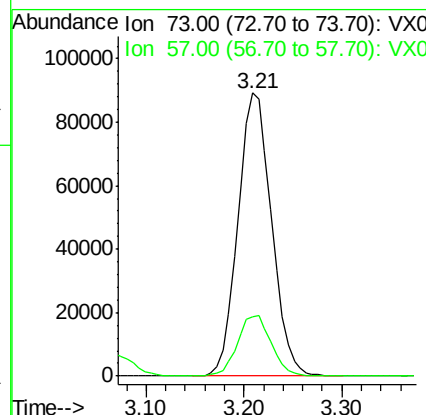
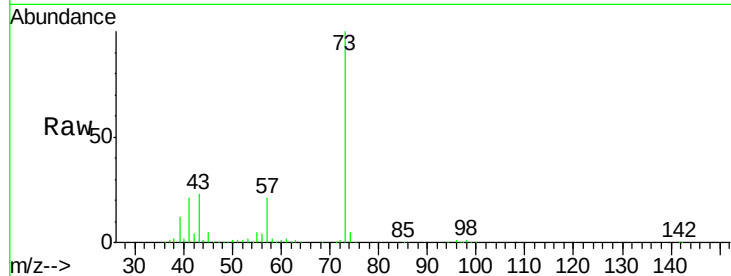




#19
Methyl tert-butyl Ether
Concen: 45.194 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

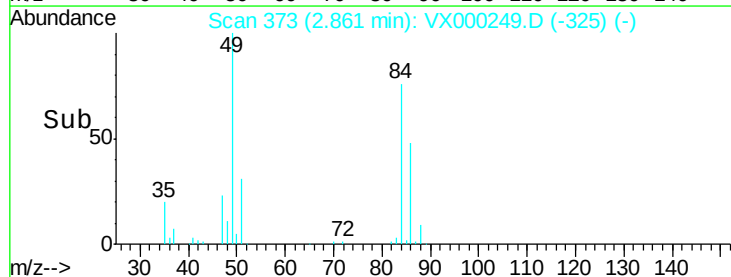
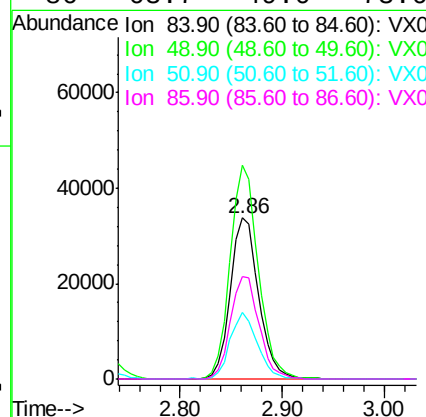
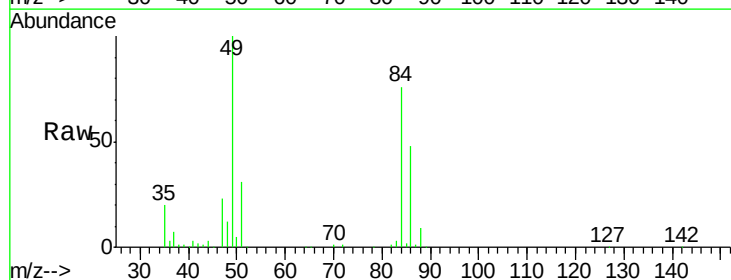
Instrument :
MSVOA_X
ClientSampleId :

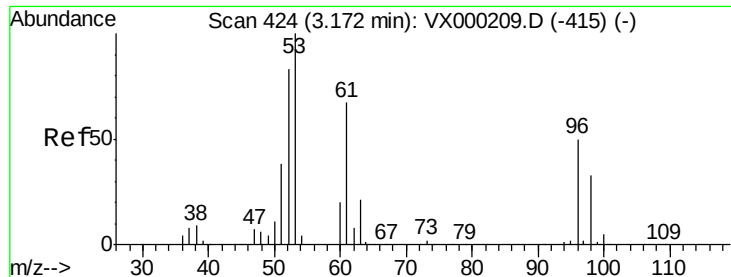
Tot Ion: 73 Resp: 212605
Ion Ratio Lower Upper
73 100
57 20.8 16.3 24.5



#20
Methylene Chloride
Concen: 43.605 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion: 84 Resp: 64842
Ion Ratio Lower Upper
84 100
49 132.4 102.1 153.1
51 41.3 30.6 45.8
86 63.7 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 43.646 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampled :

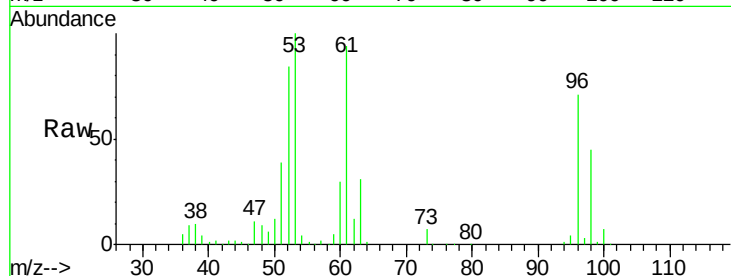
Tot Ion: 96 Resp: 63411

Ion Ratio Lower Upper

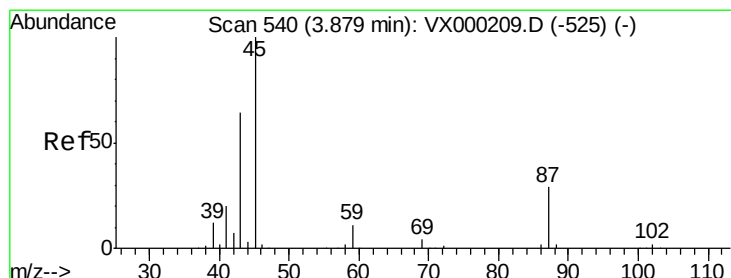
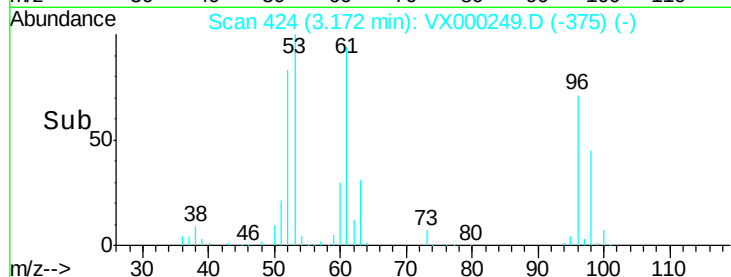
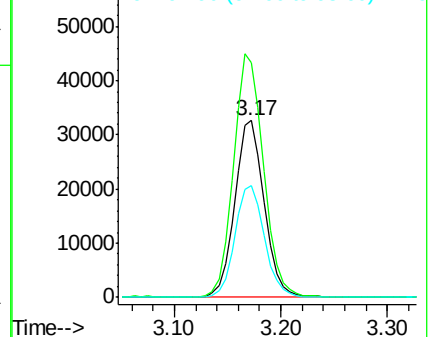
96 100

61 132.8 107.0 160.4

98 63.5 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.358 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Tgt Ion: 45 Resp: 206837

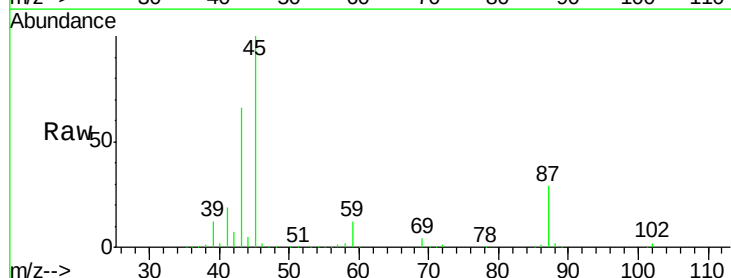
Ion Ratio Lower Upper

45 100

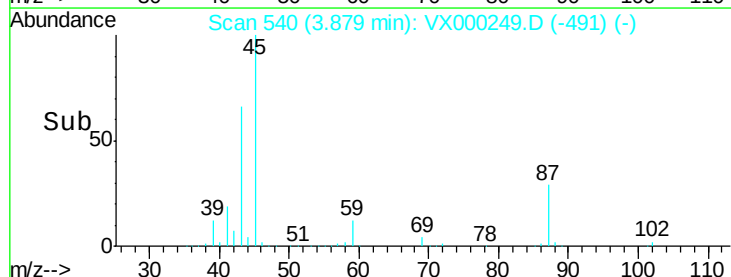
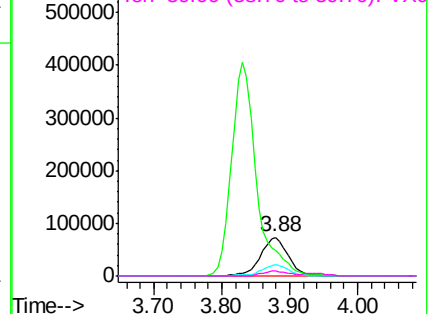
43 65.6 53.5 80.3

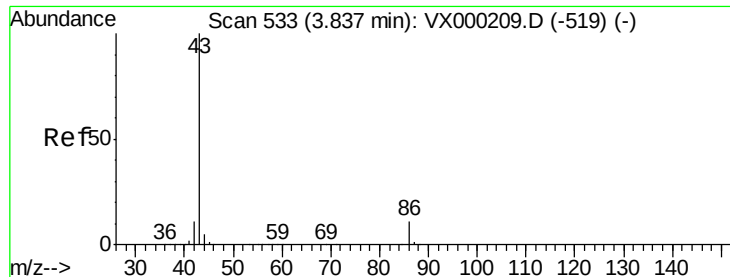
87 29.0 23.3 34.9

59 12.2 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 256.716 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

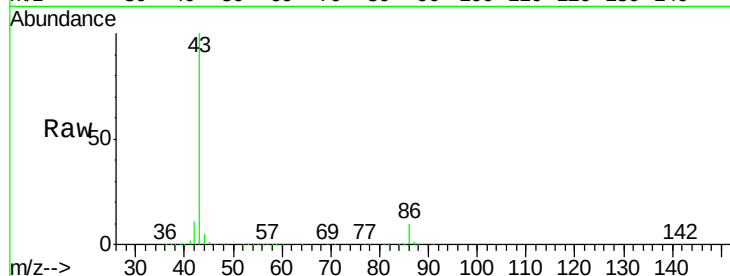
ClientSampleId :

Tot Ion: 43 Resp: 1036780

Ion Ratio Lower Upper

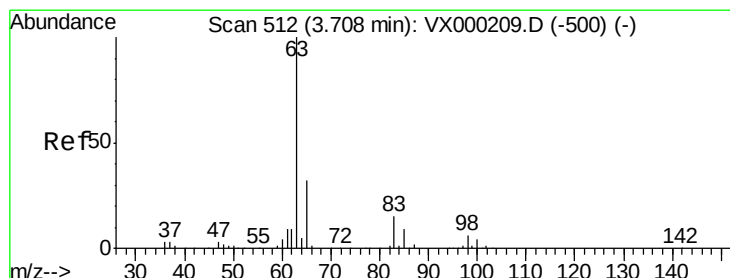
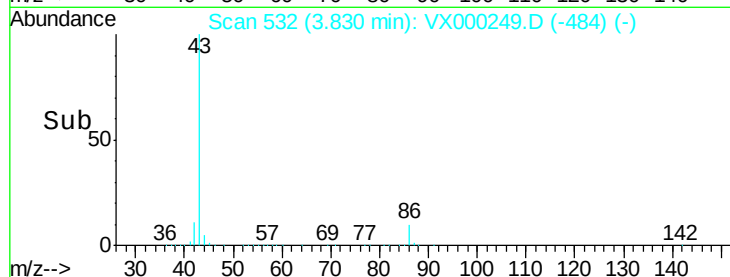
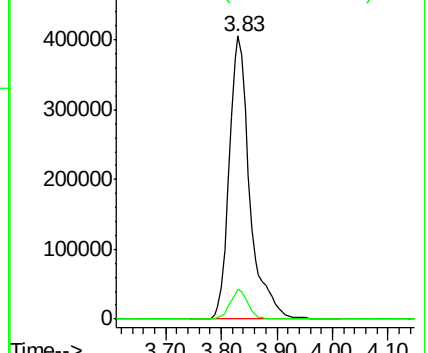
43 100

86 10.5 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 44.188 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

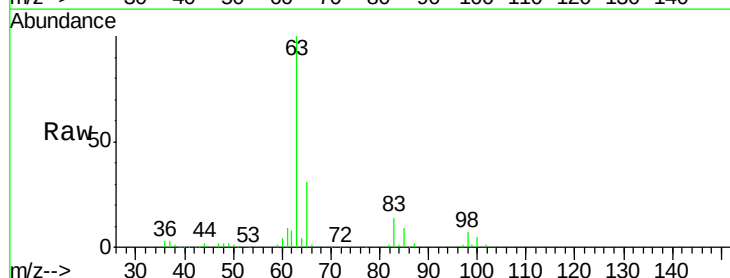
Tgt Ion: 63 Resp: 113515

Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.4

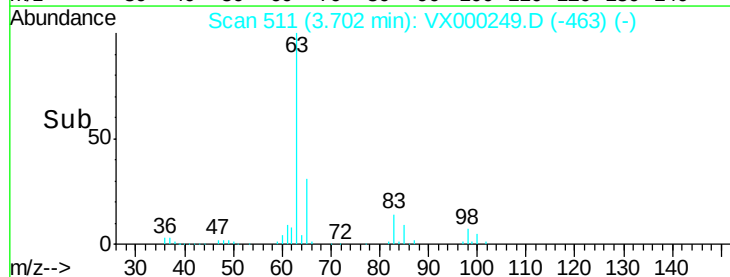
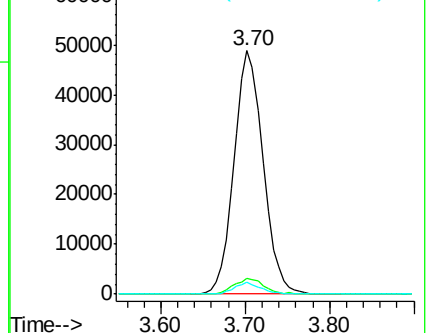
100 4.8 2.2 6.6

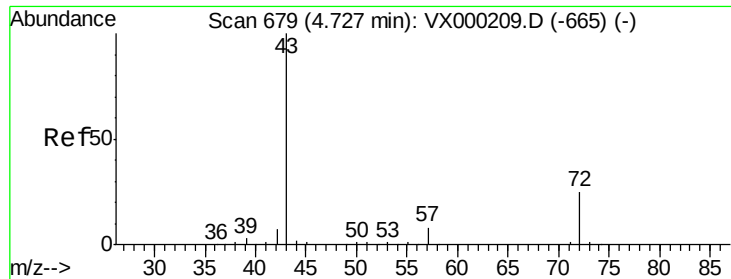


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 238.465 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

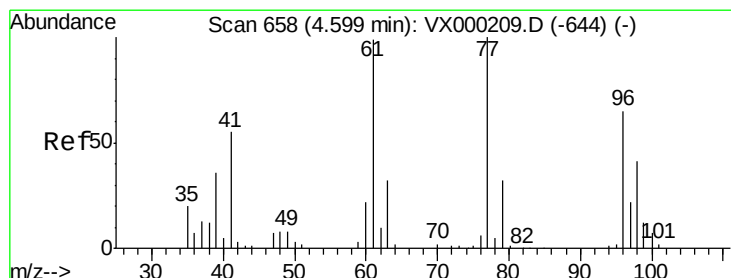
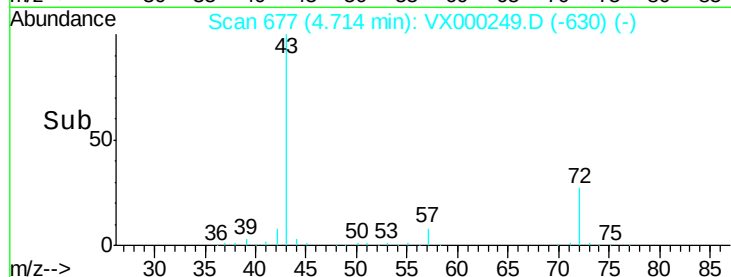
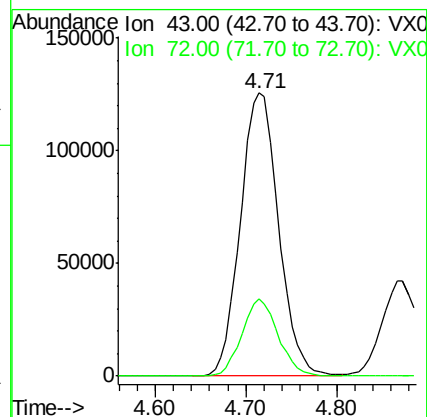
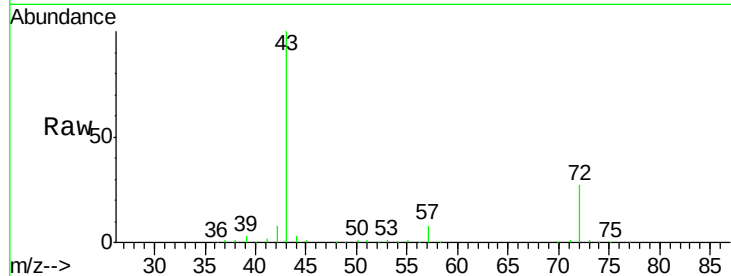
ClientSampled :

Tot Ion: 43 Resp: 366938

Ion Ratio Lower Upper

43 100

72 27.1 20.2 30.2



#26

2,2-Dichloropropane

Concen: 43.059 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000249.D

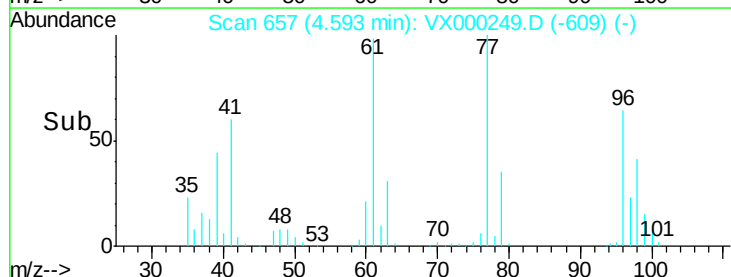
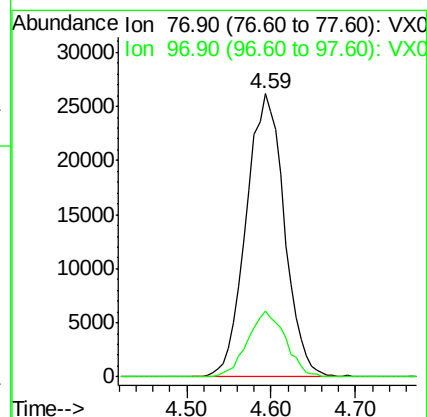
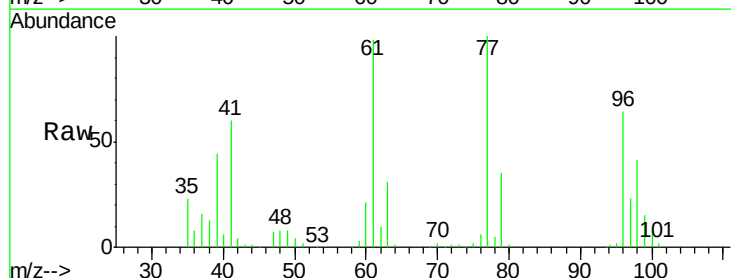
Acq: 09 Mar 2018 11:52

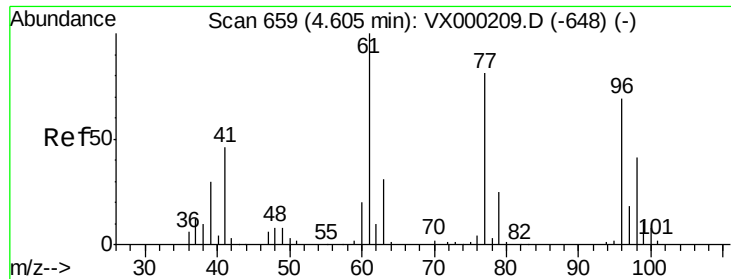
Tgt Ion: 77 Resp: 80851

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1



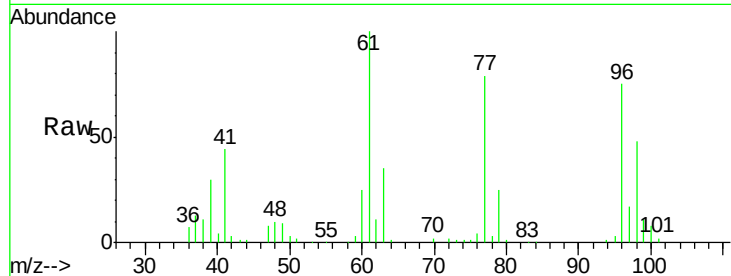


#27

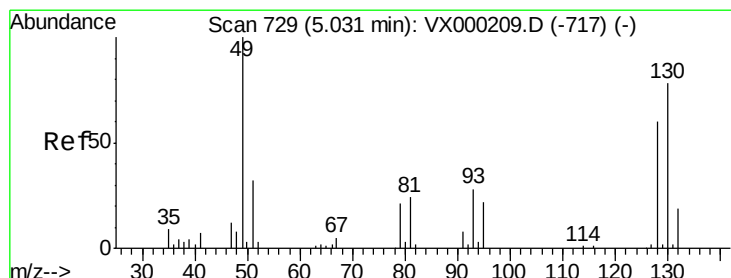
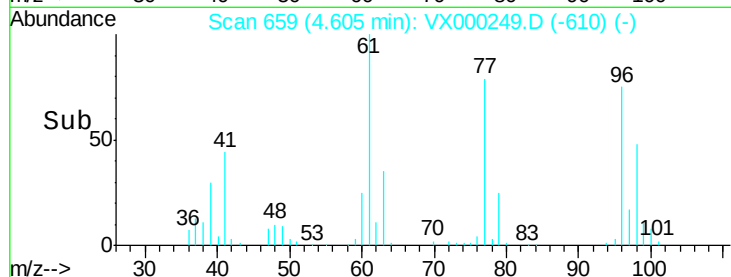
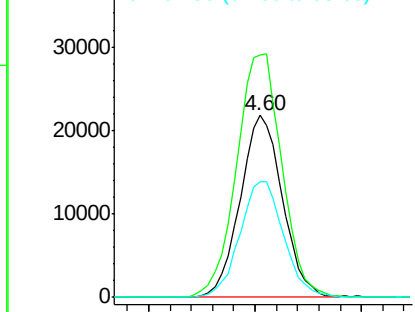
cis-1,2-Dichloroethene
Concen: 44.028 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 60652
Ion Ratio Lower Upper
96 100
61 143.2 0.0 296.4
98 65.7 0.0 130.6



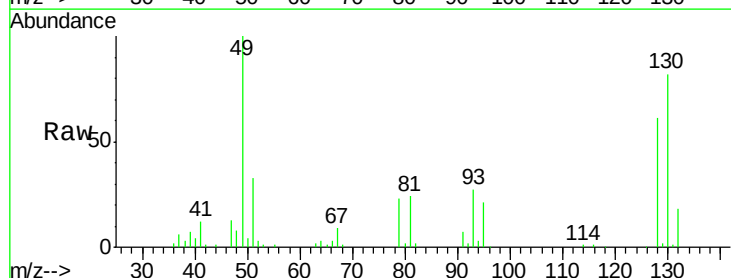
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



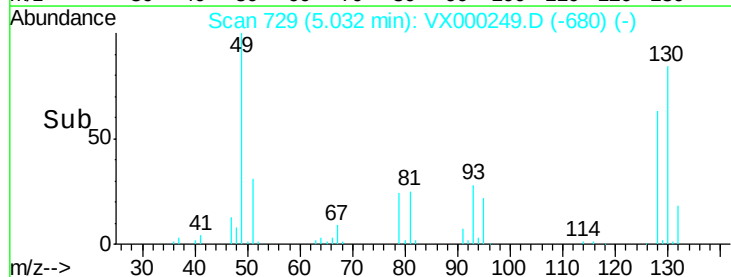
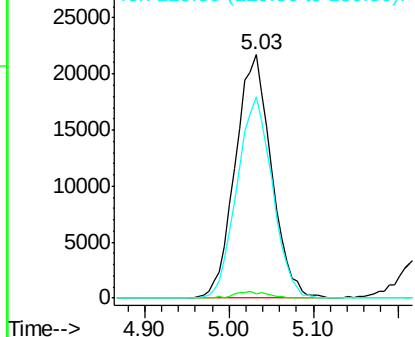
#28

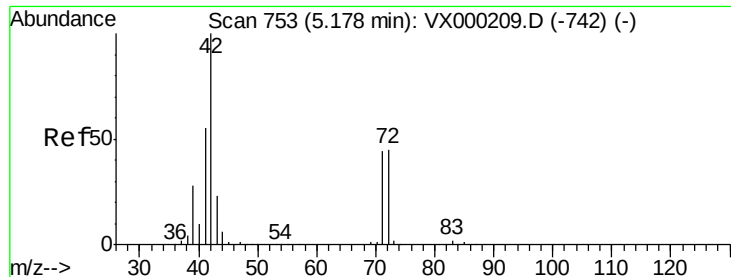
Bromochloromethane
Concen: 57.706 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion: 49 Resp: 63004
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 81.0 63.5 95.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

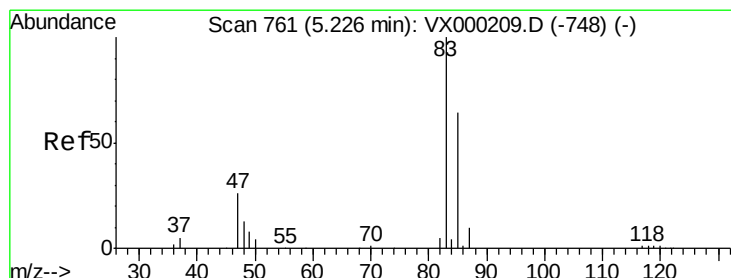
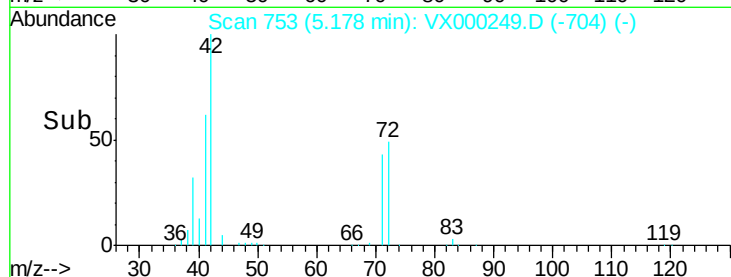
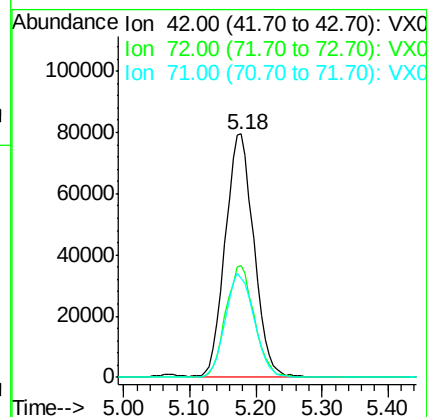
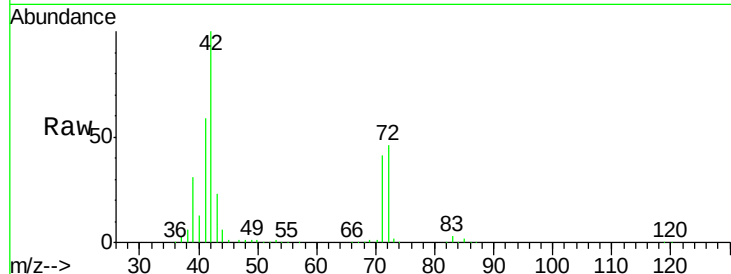




#29
Tetrahydrofuran
Concen: 247.196 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

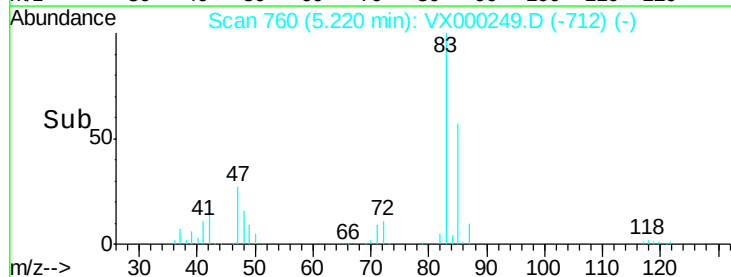
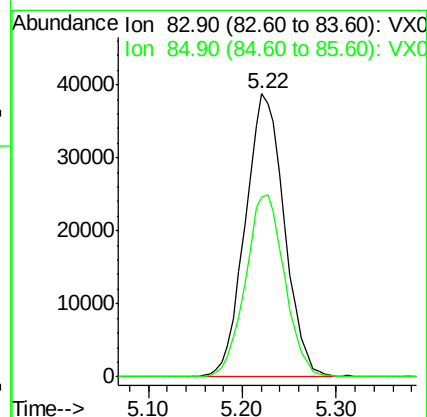
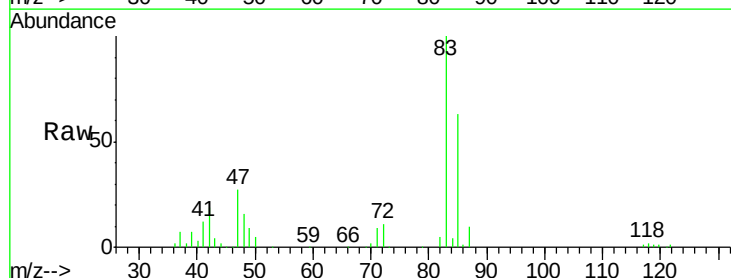
Instrument :
MSVOA_X
ClientSampled :

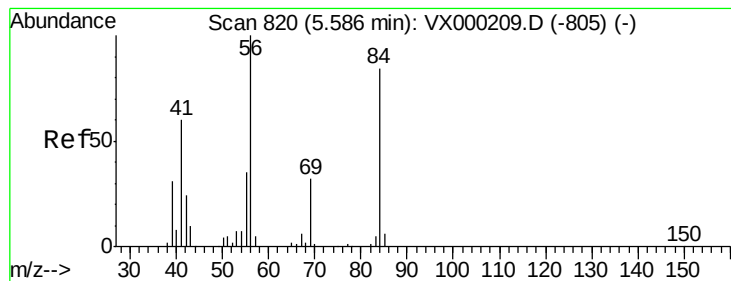
Tot Ion: 42 Resp: 238905
Ion Ratio Lower Upper
42 100
72 45.5 37.3 55.9
71 42.8 35.0 52.4



#30
Chloroform
Concen: 45.074 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion: 83 Resp: 111948
Ion Ratio Lower Upper
83 100
85 63.4 51.0 76.6





#31

Cyclohexane

Concen: 47.469 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampled :

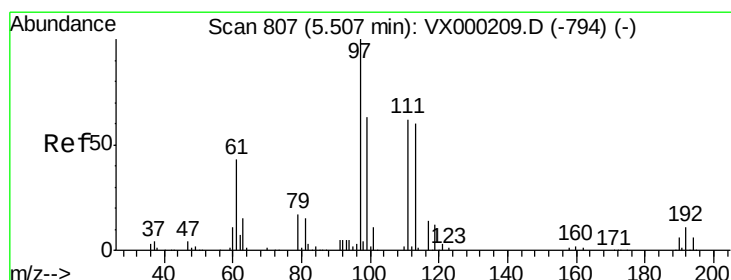
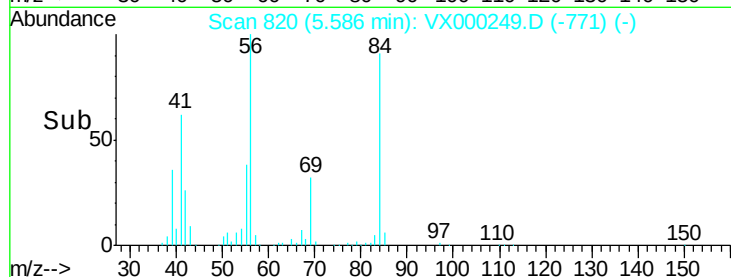
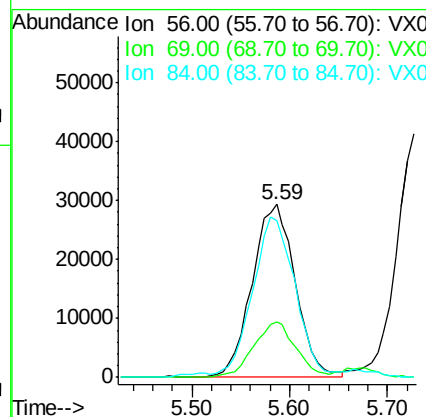
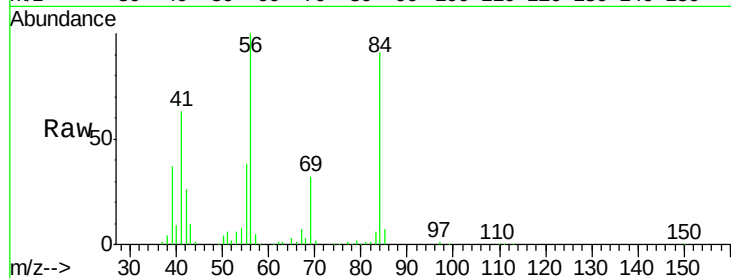
Tot Ion: 56 Resp: 90177

Ion Ratio Lower Upper

56 100

69 32.2 25.3 37.9

84 88.8 67.2 100.8



#32

1,1,1-Trichloroethane

Concen: 46.090 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

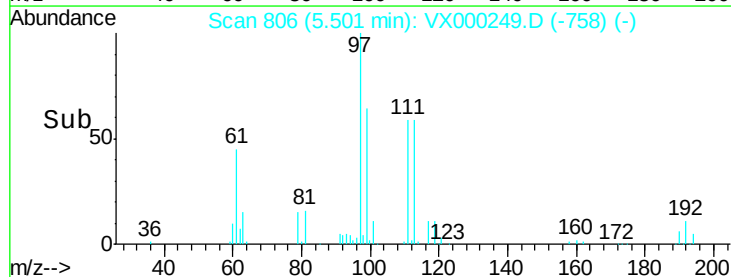
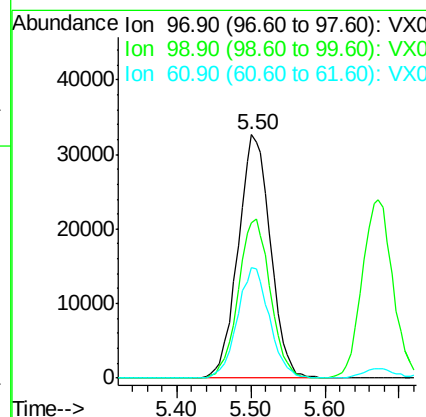
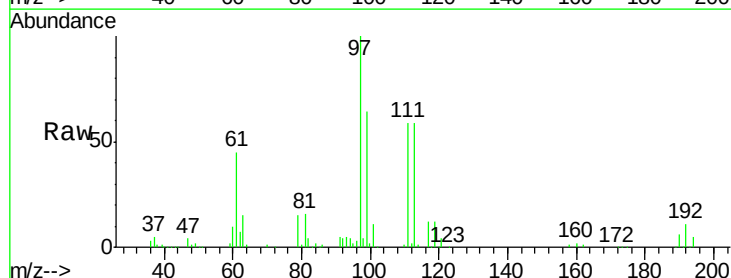
Tgt Ion: 97 Resp: 99254

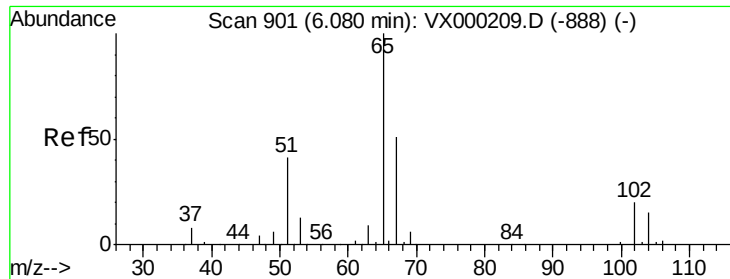
Ion Ratio Lower Upper

97 100

99 64.9 50.9 76.3

61 45.0 35.4 53.0

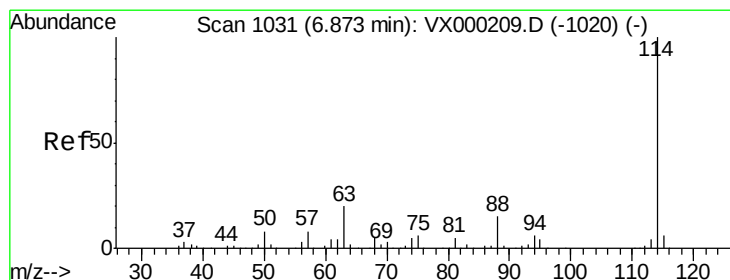
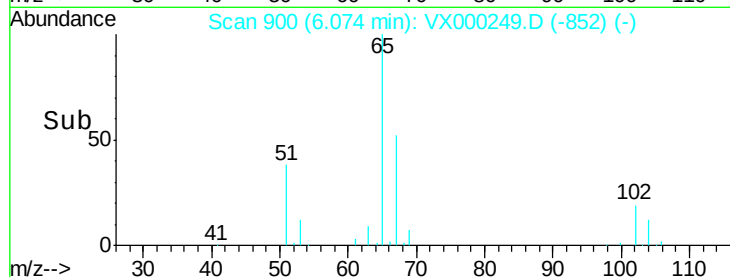
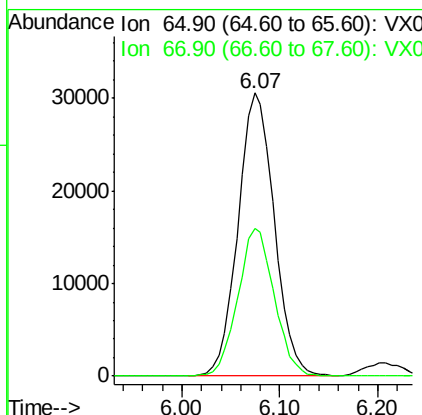
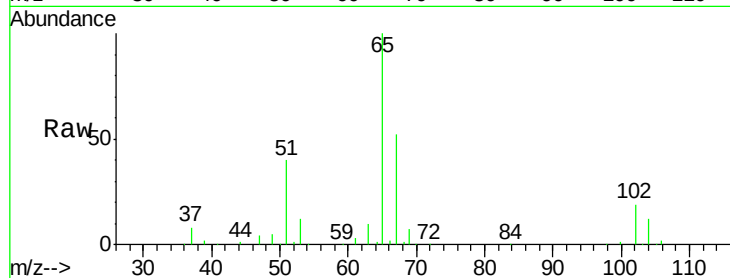




#33
 1,2-Dichloroethane-d4
 Concen: 45.320 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

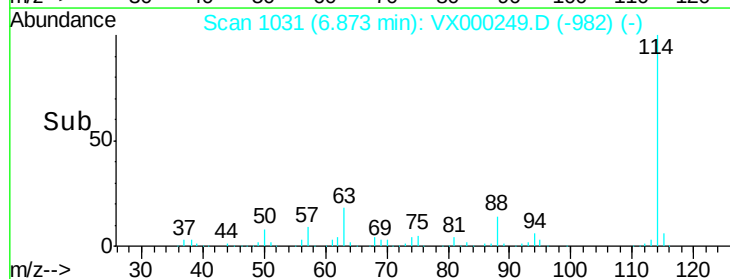
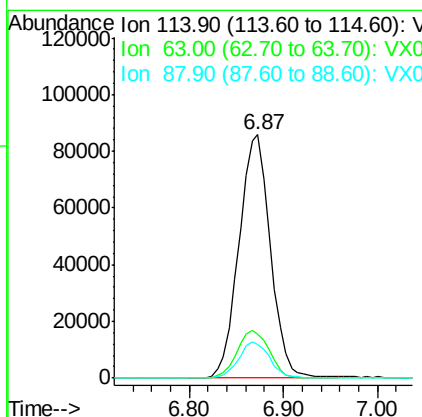
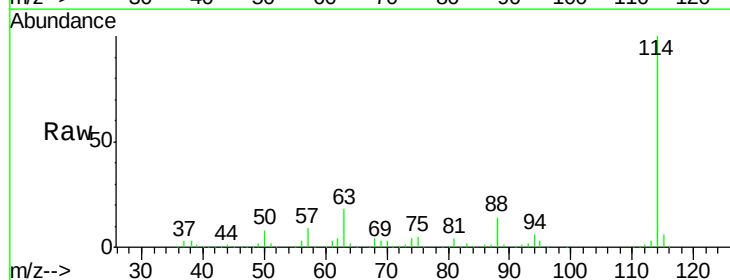
Instrument :
 MSVOA_X
 ClientSampleId :

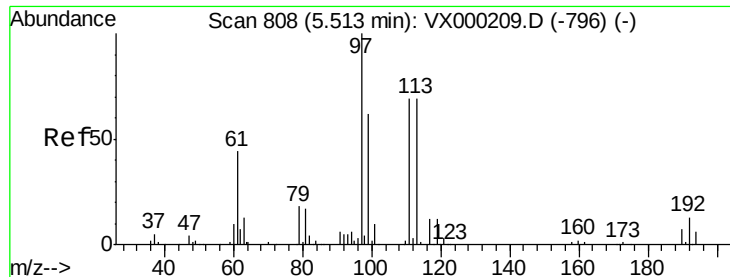
Tot Ion: 65 Resp: 78684
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion: 114 Resp: 200467
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.2
 88 13.7 0.0 29.8

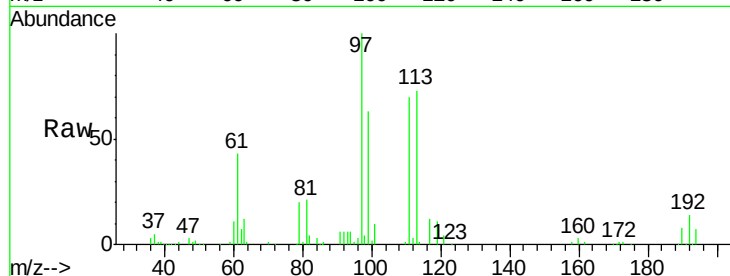




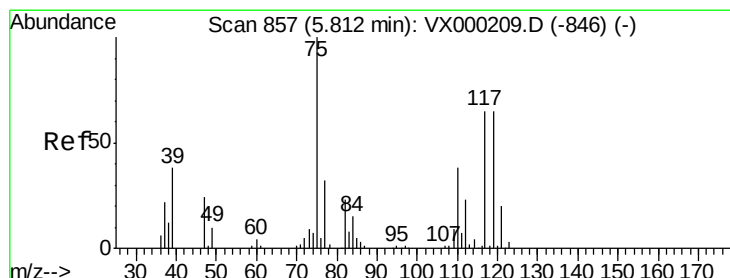
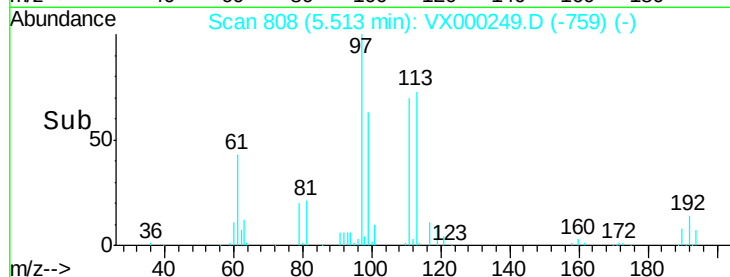
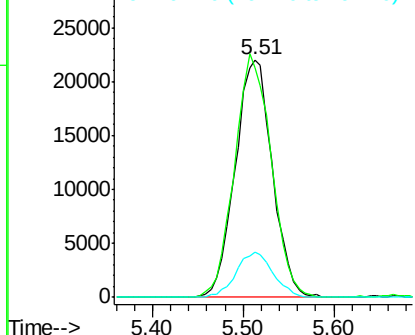
#35
 Dibromofluoromethane
 Concen: 49.494 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 62326
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.0 124.6
 192 18.9 15.5 23.3

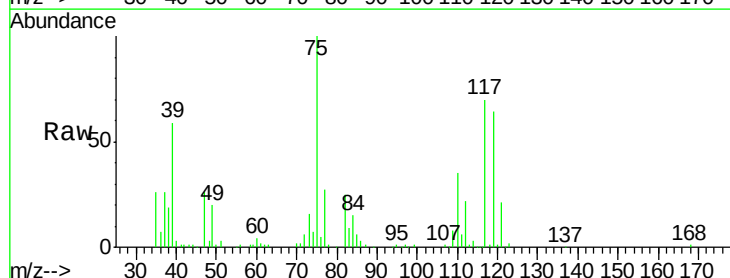


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

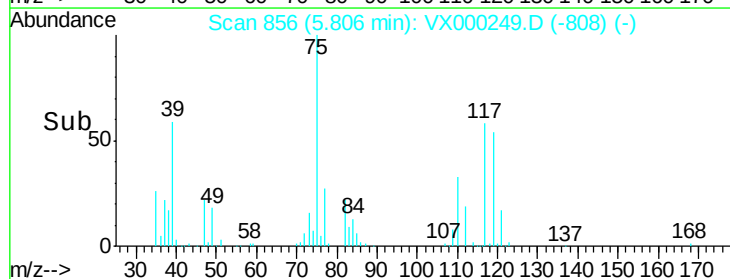
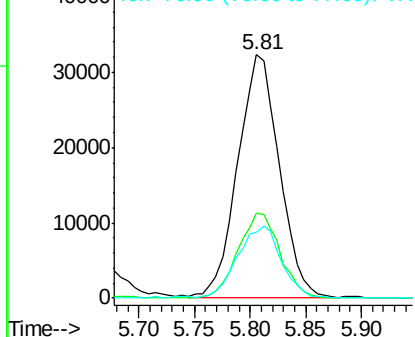


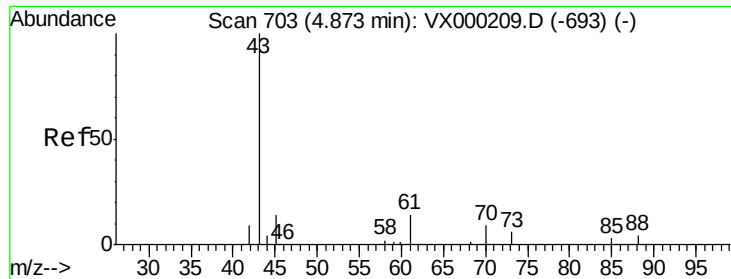
#36
 1,1-Dichloropropene
 Concen: 46.866 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion: 75 Resp: 83598
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.8 53.5
 77 31.3 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

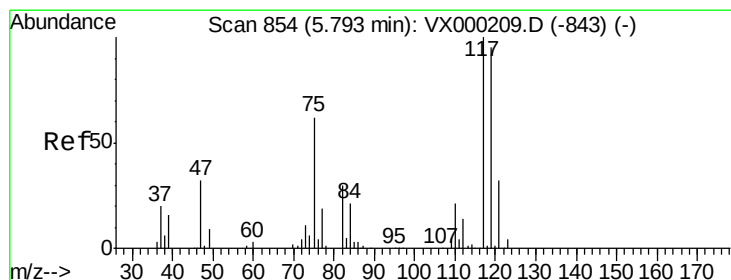
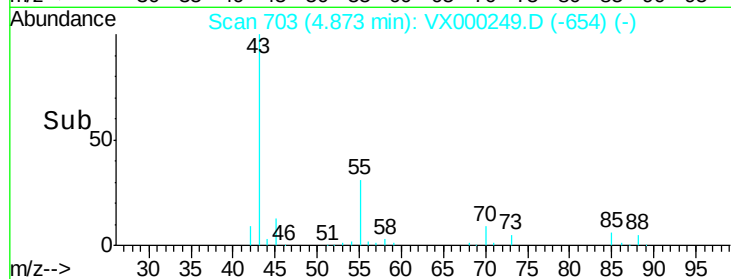
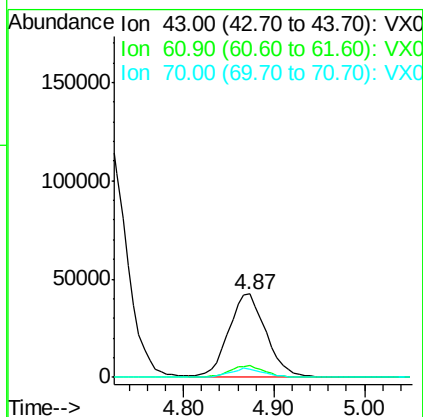
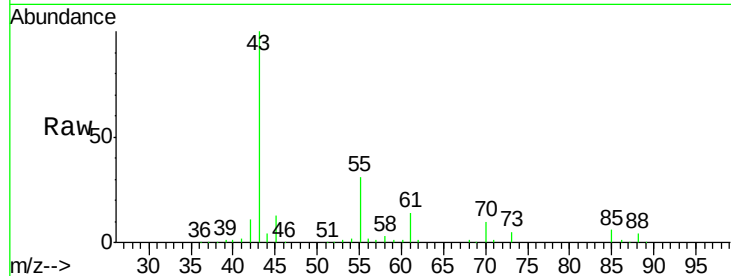




#37
Ethyl Acetate
Concen: 46.954 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

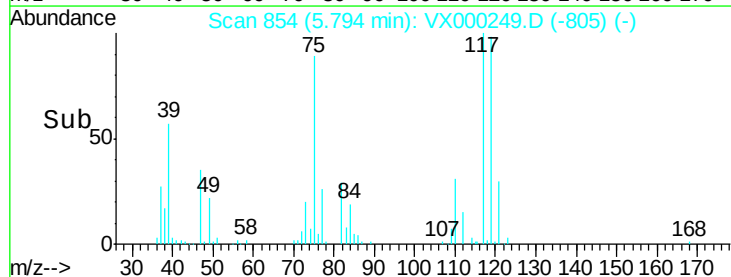
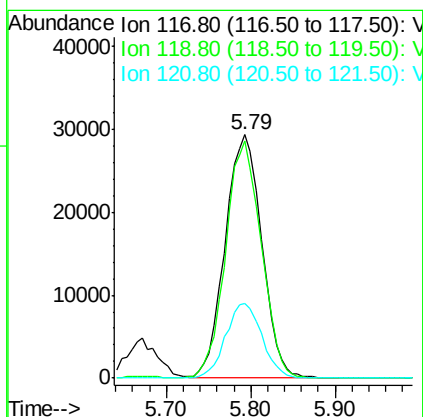
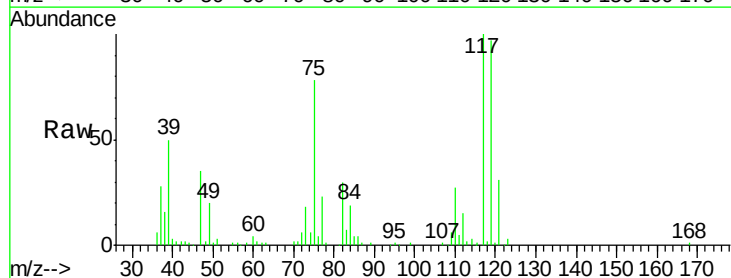
Instrument :
MSVOA_X
ClientSampleId :

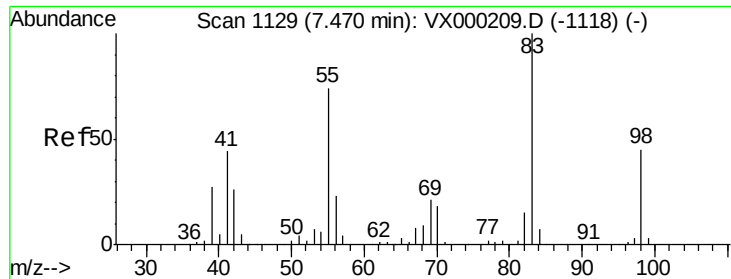
Tot Ion: 43 Resp: 121036
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.6
70 9.9 7.8 11.6



#38
Carbon Tetrachloride
Concen: 48.121 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion: 117 Resp: 86867
Ion Ratio Lower Upper
117 100
119 97.4 75.9 113.9
121 30.7 25.8 38.6

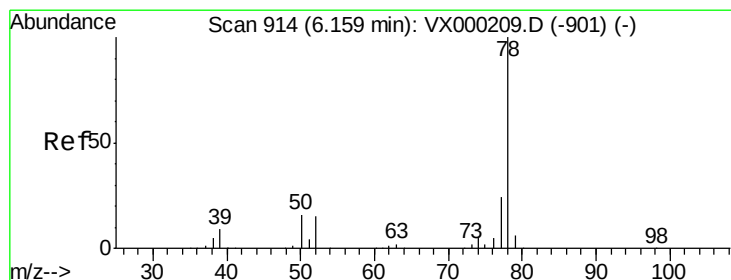
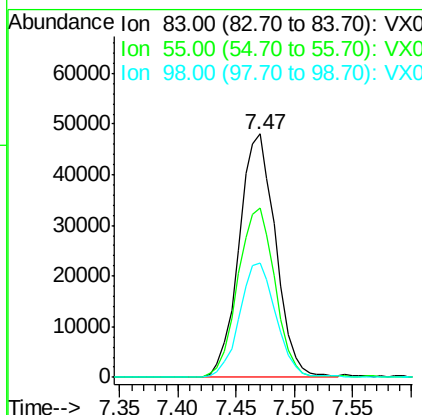
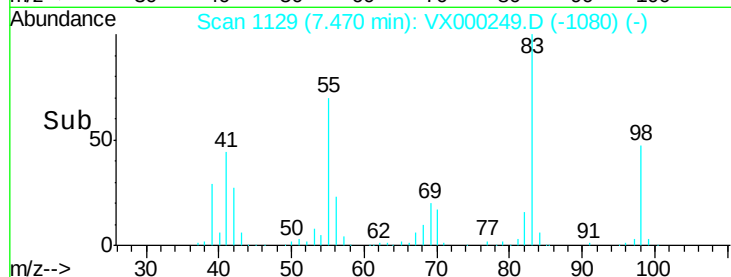
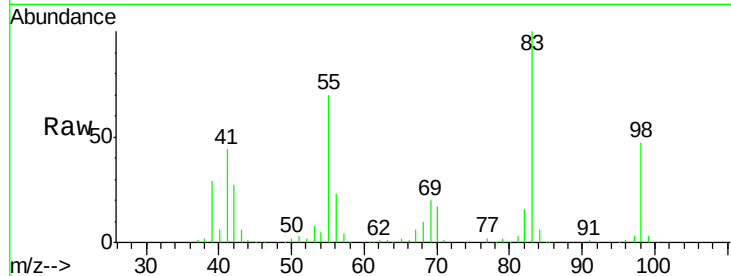




#39
Methylvlcyclohexane
Concen: 48.115 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

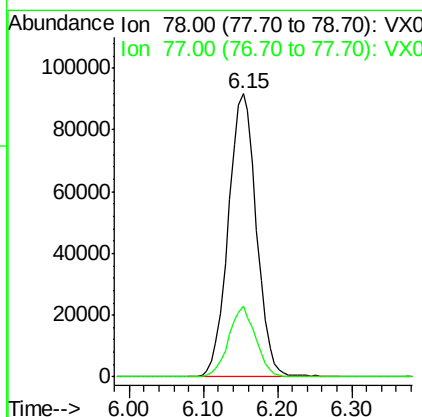
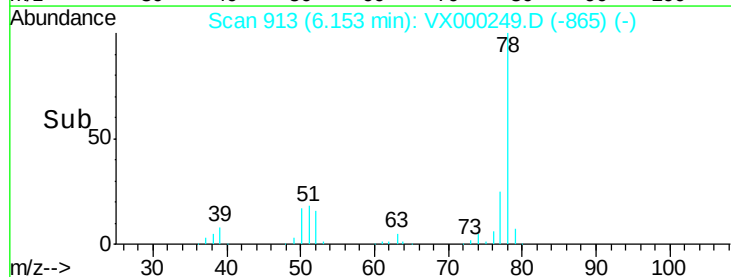
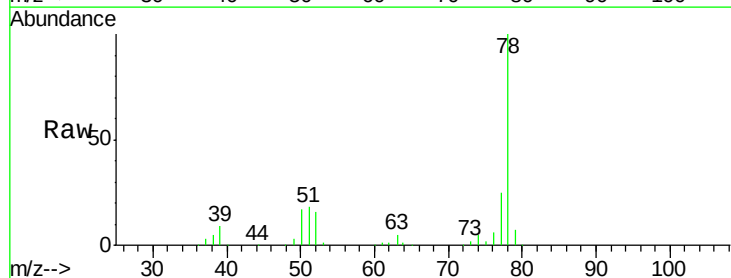
Instrument :
MSVOA_X
ClientSampleId :

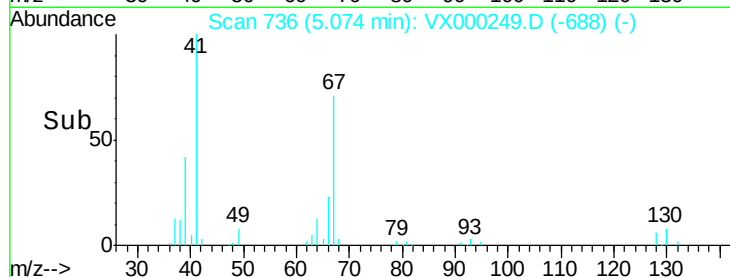
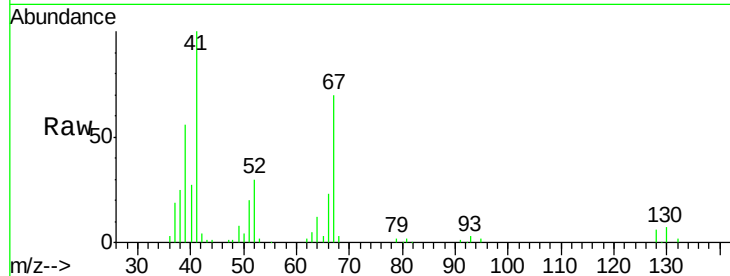
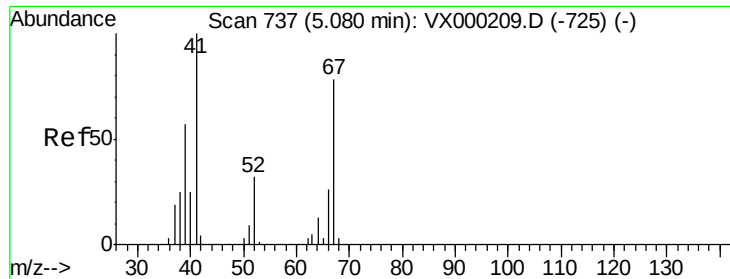
Tot Ion: 83 Resp: 105307
Ion Ratio Lower Upper
83 100
55 69.6 59.4 89.0
98 47.1 36.3 54.5



#40
Benzene
Concen: 47.122 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

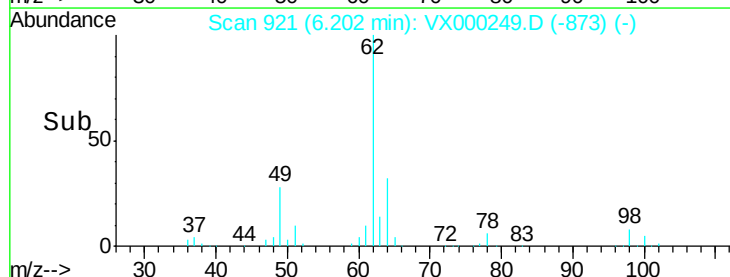
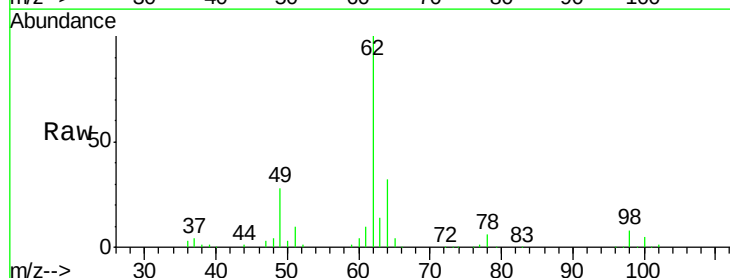
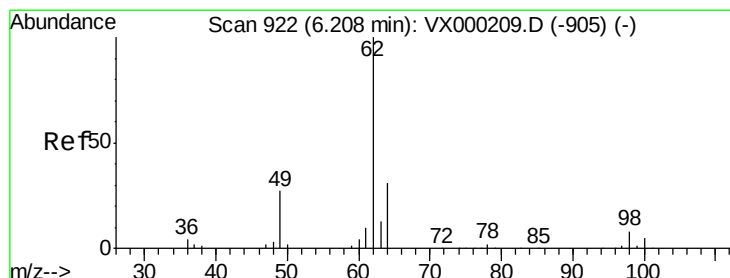
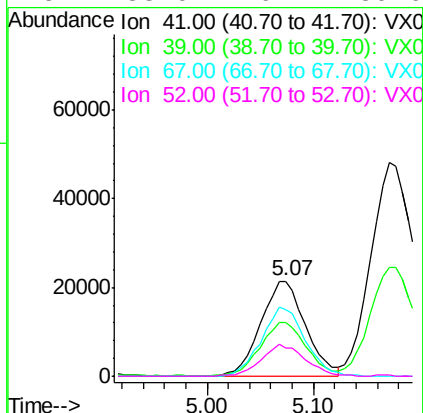
Tgt Ion: 78 Resp: 242417
Ion Ratio Lower Upper
78 100
77 25.3 19.4 29.2





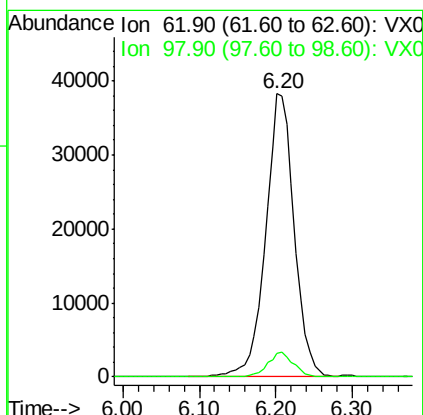
#41
Methacrylonitrile
Concen: 47.878 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

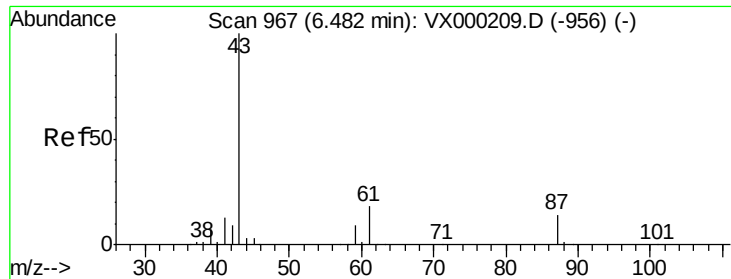
Tot Ion:	41	Resp:	62910
Ion	Ratio	Lower	Upper
41	100		
39	57.8	47.8	71.6
67	70.9	59.3	88.9
52	33.0	26.4	39.6



#42
1,2-Dichloroethane
Concen: 49.071 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion:	62	Resp:	99018
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.2



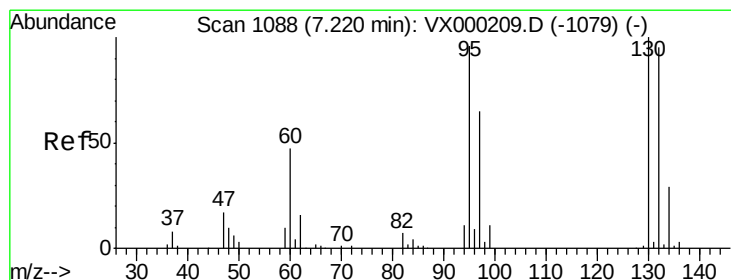
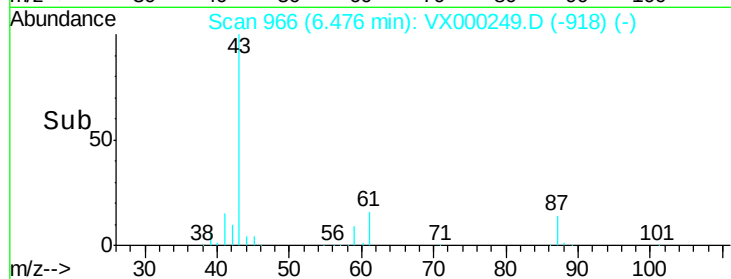
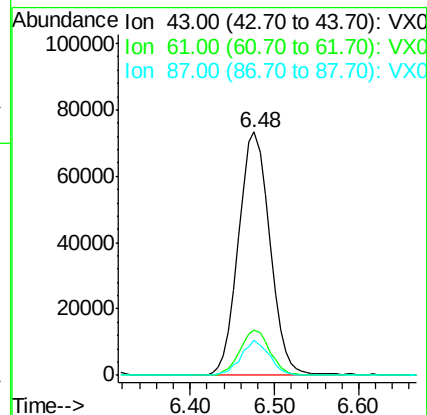
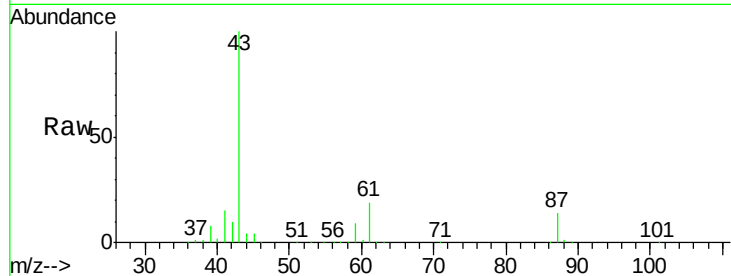


#43

Isopropyl Acetate
 Concen: 49.597 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Instrument :
 MSVOA_X
 ClientSampleId :

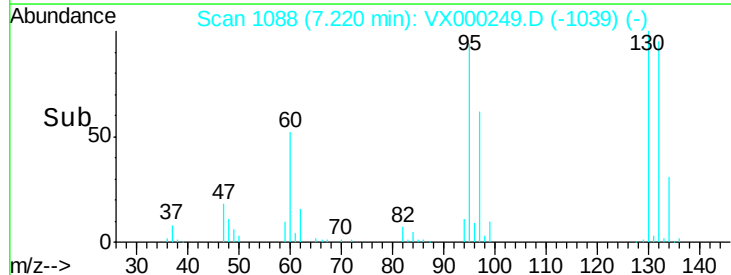
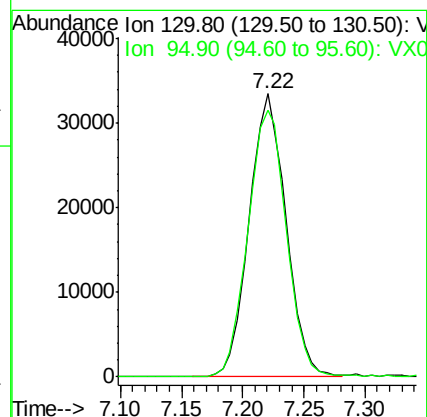
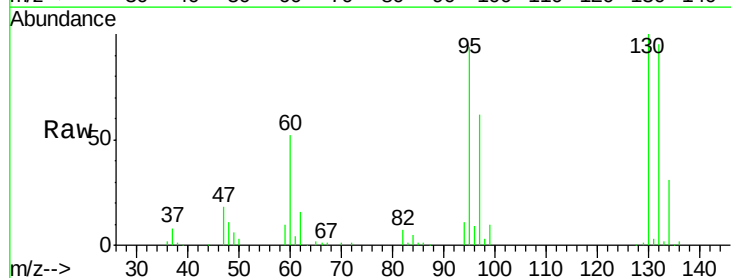
Tot Ion: 43 Resp: 184852
 Ion Ratio Lower Upper
 43 100
 61 17.8 14.8 22.2
 87 12.9 10.6 16.0

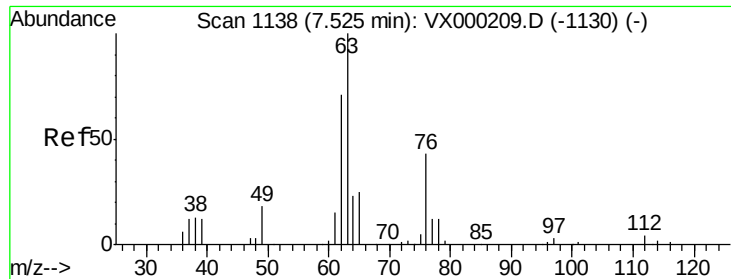


#44

Trichloroethene
 Concen: 47.631 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion:130 Resp: 70136
 Ion Ratio Lower Upper
 130 100
 95 94.4 0.0 191.8

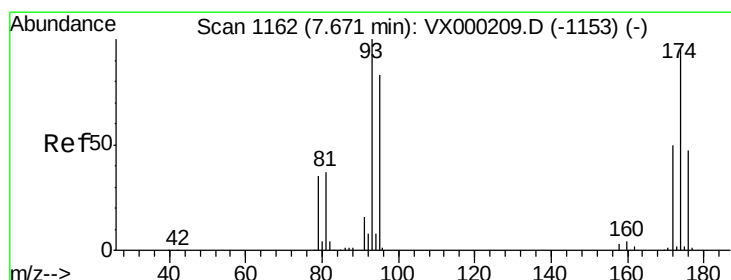
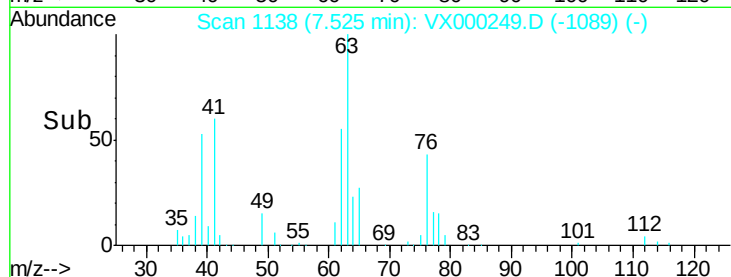
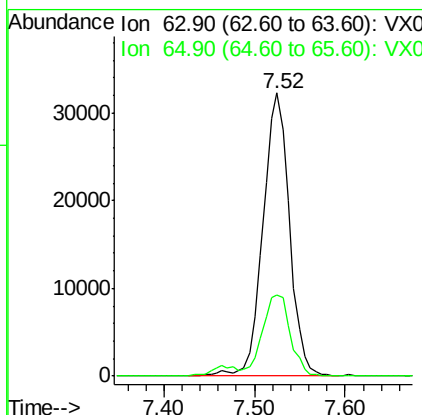
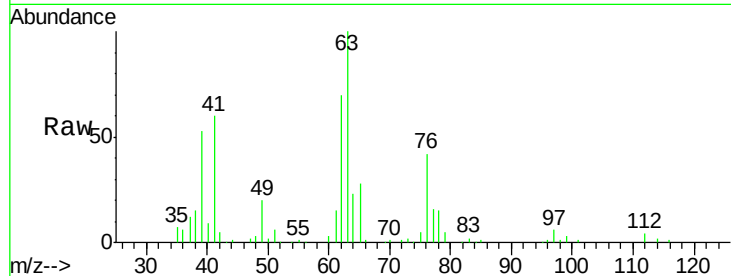




#45
 1,2-Dichloropropane
 Concen: 50.152 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

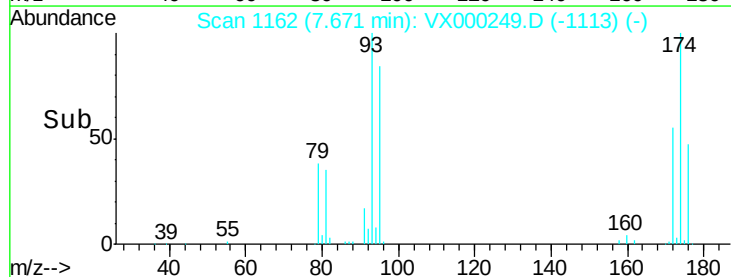
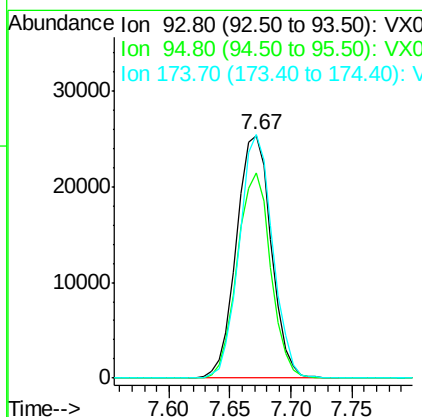
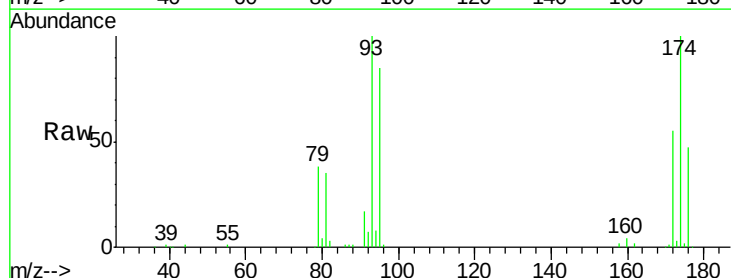
Instrument :
 MSVOA_X
 ClientSampleId :

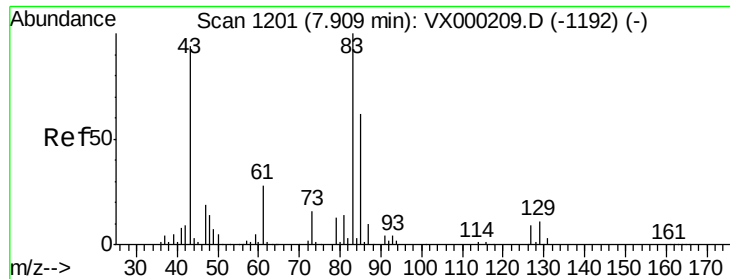
Tot Ion: 63 Resp: 65348
 Ion Ratio Lower Upper
 63 100
 65 28.5 22.3 33.5



#46
 Dibromomethane
 Concen: 48.676 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion: 93 Resp: 50178
 Ion Ratio Lower Upper
 93 100
 95 81.2 64.1 96.1
 174 96.0 75.8 113.8





#47

Bromodichloromethane

Concen: 50.206 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampled :

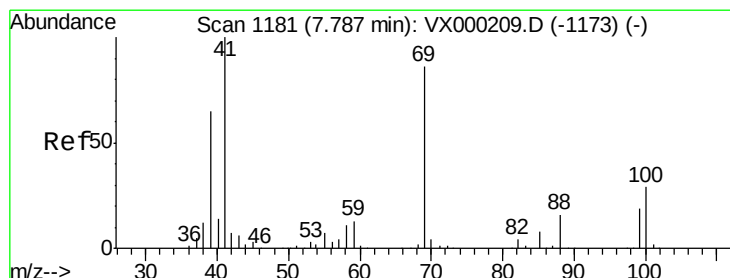
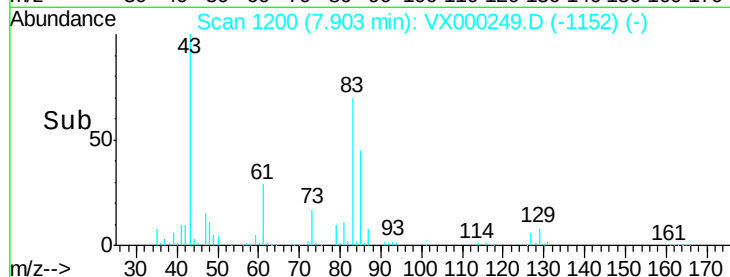
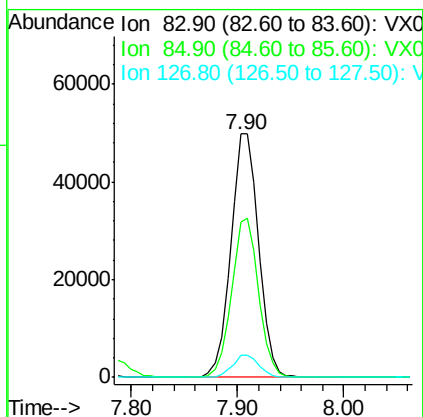
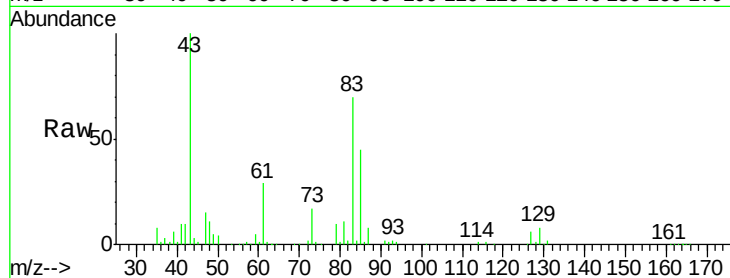
Tot Ion: 83 Resp: 91037

Ion Ratio Lower Upper

83 100

85 63.9 49.6 74.4

127 9.2 7.0 10.4



#48

Methyl methacrylate

Concen: 48.726 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

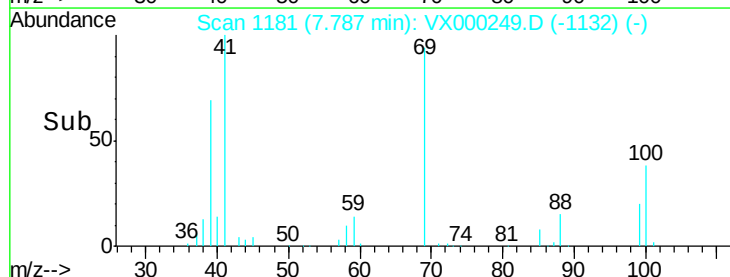
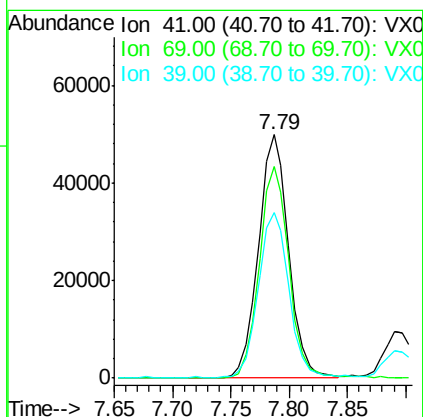
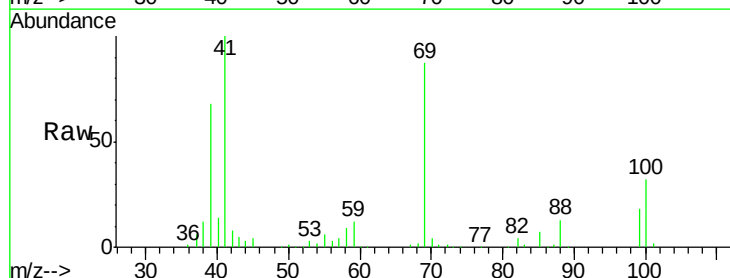
Tgt Ion: 41 Resp: 89451

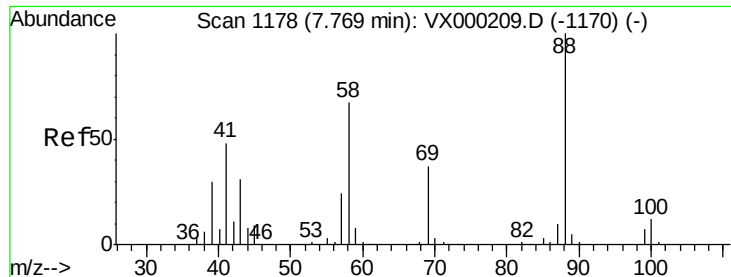
Ion Ratio Lower Upper

41 100

69 86.3 70.0 105.0

39 69.3 53.6 80.4

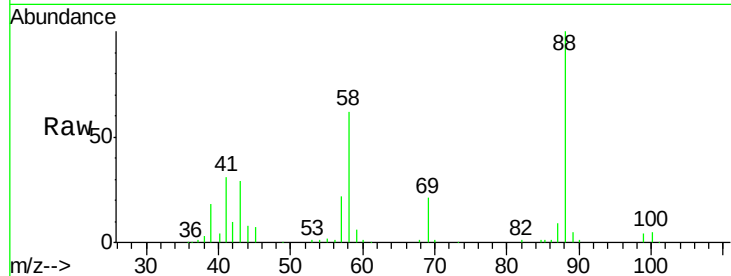




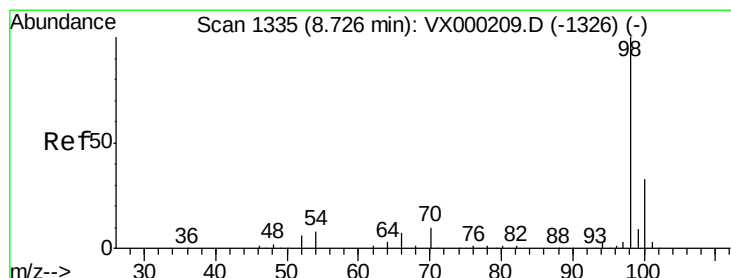
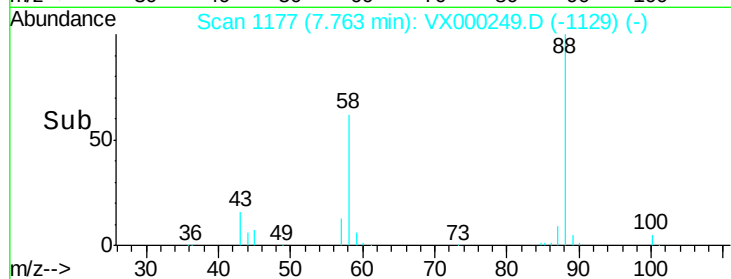
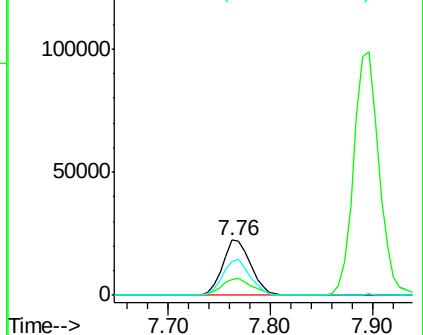
#49
1,4-Dioxane
Concen: 1032.444 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 43026
Ion Ratio Lower Upper
88 100
43 33.6 26.9 40.3
58 64.2 52.2 78.4

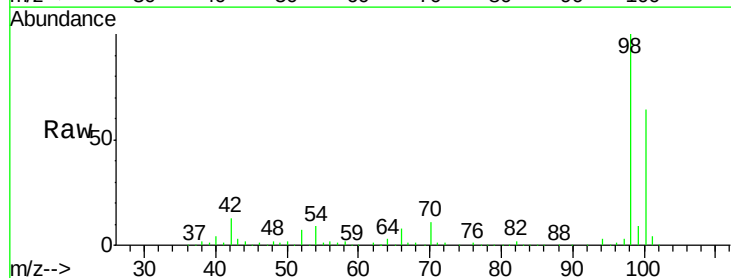


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

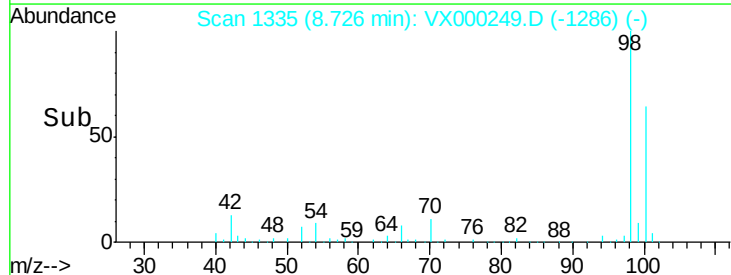
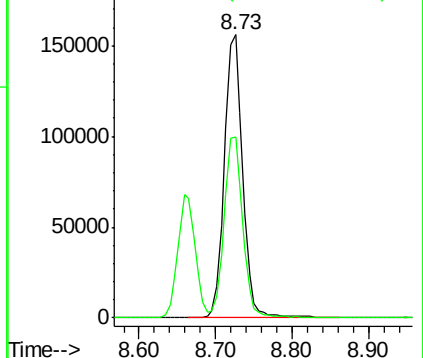


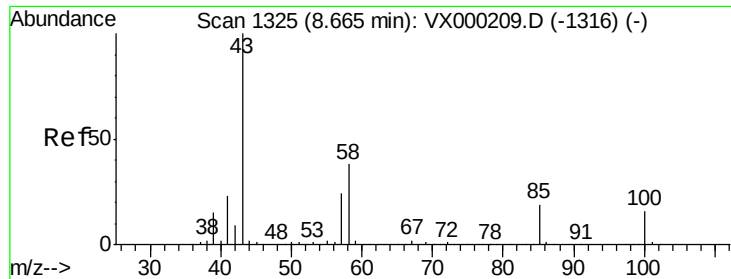
#50
Toluene-d8
Concen: 49.564 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion: 98 Resp: 258501
Ion Ratio Lower Upper
98 100
100 65.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 265.635 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

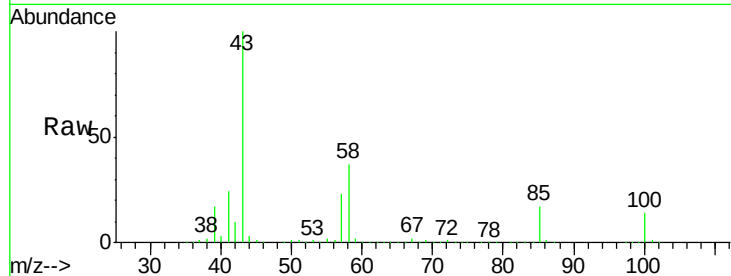
ClientSampled :

Tot Ion: 43 Resp: 747256

Ion Ratio Lower Upper

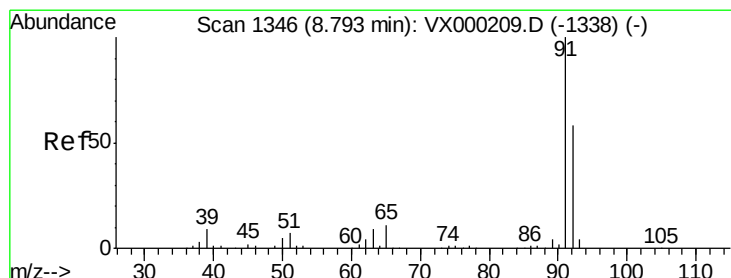
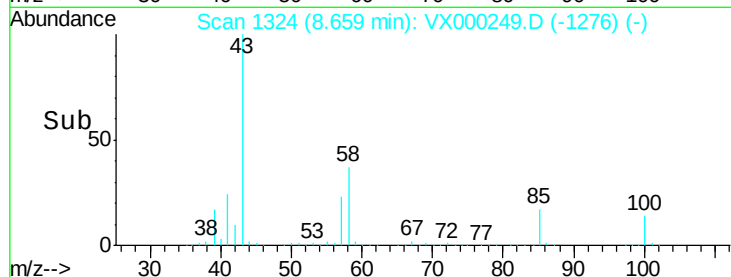
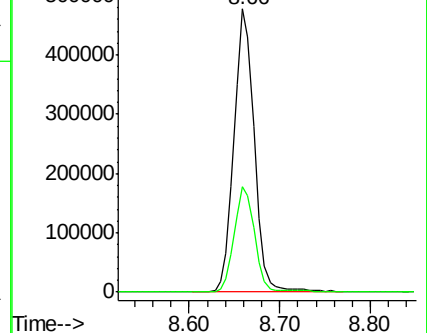
43 100

58 36.9 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.799 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000249.D

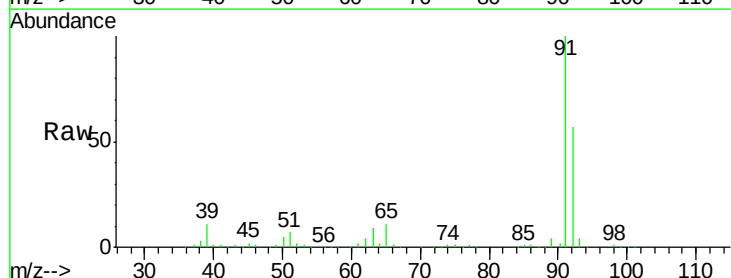
Acq: 09 Mar 2018 11:52

Tgt Ion: 92 Resp: 172063

Ion Ratio Lower Upper

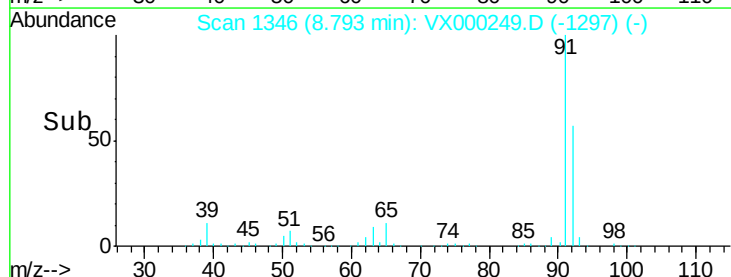
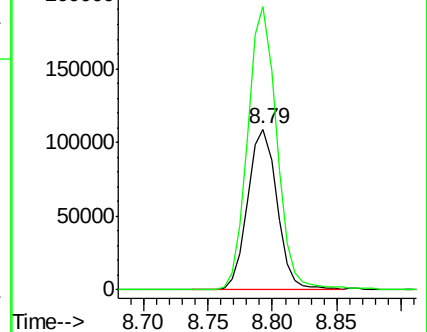
92 100

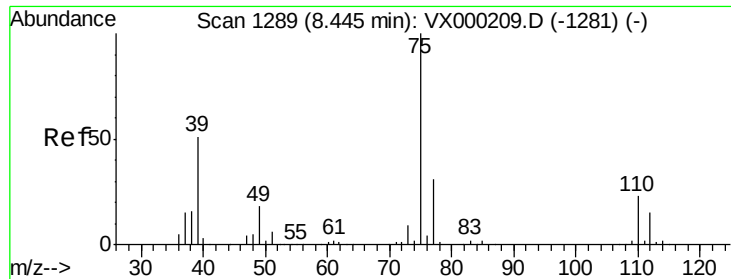
91 175.3 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

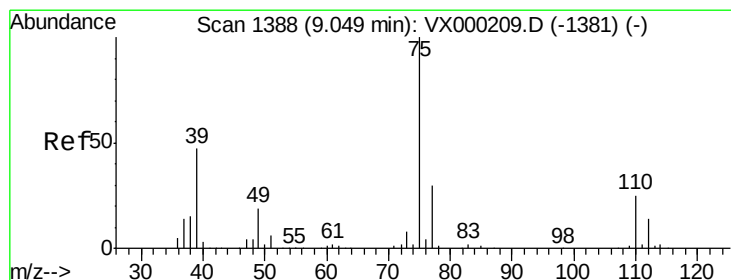
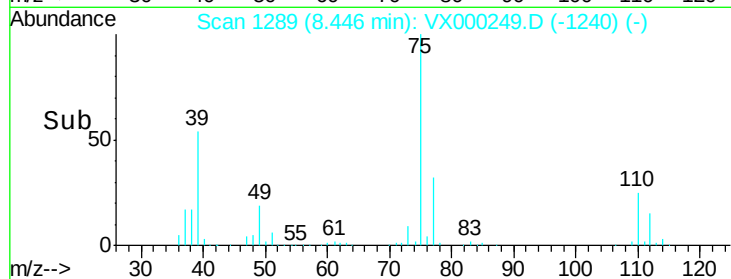
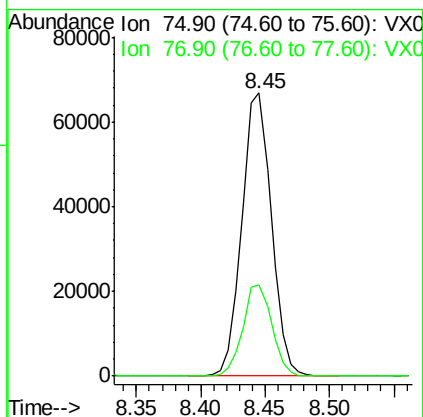
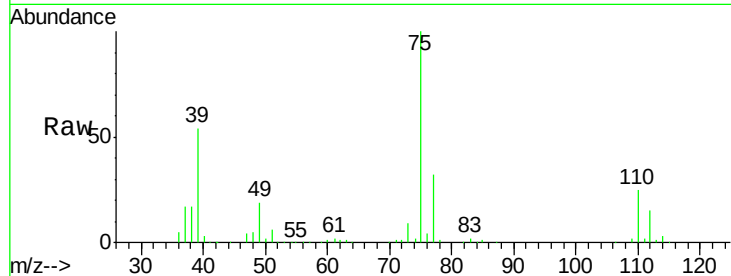




#53
t-1,3-Dichloropropene
Concen: 49.531 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

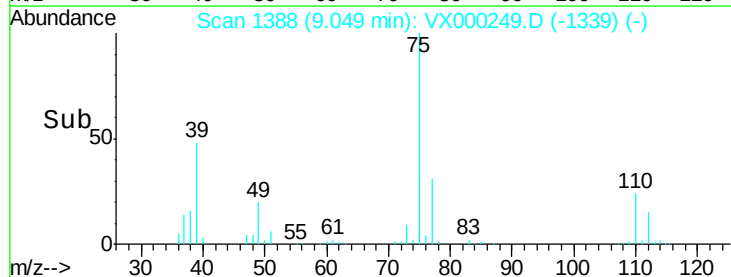
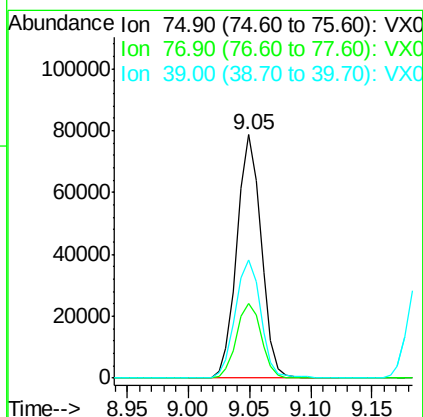
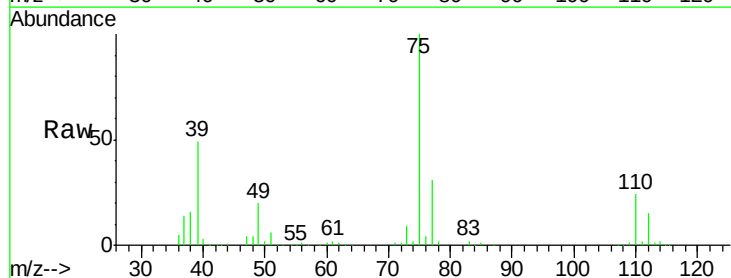
Instrument :
MSVOA_X
ClientSampleId :

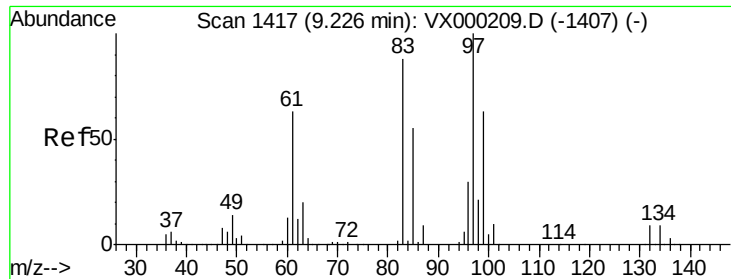
Tot Ion: 75 Resp: 105838
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 52.216 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion: 75 Resp: 107945
Ion Ratio Lower Upper
75 100
77 30.8 23.9 35.9
39 48.4 37.4 56.2

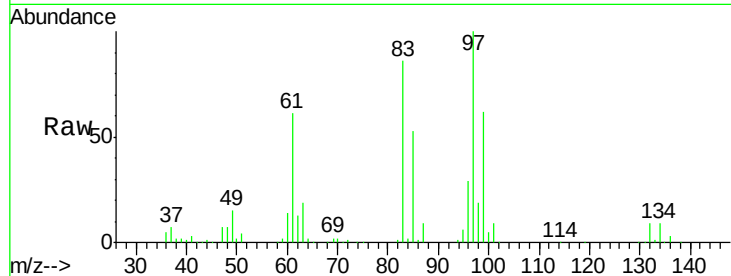




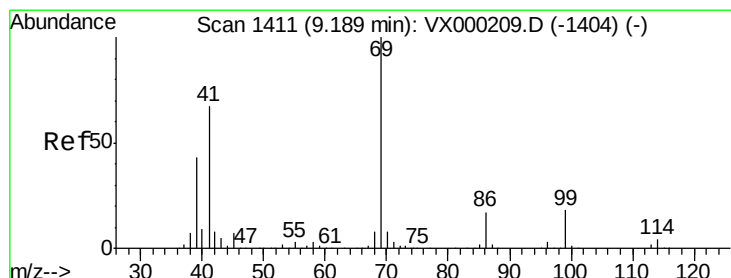
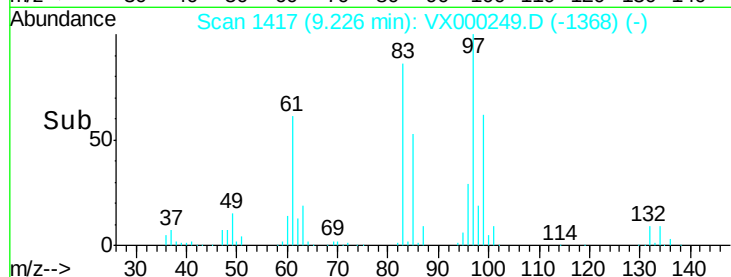
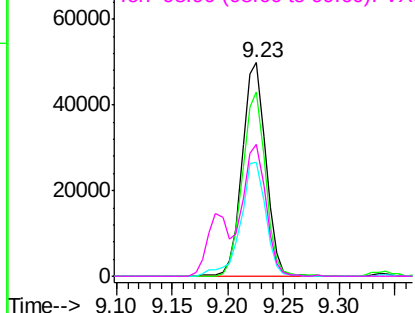
#55
 1,1,2-Trichloroethane
 Concen: 51.401 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	73406
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.4	105.6
85	53.5	43.9	65.9
99	61.7	50.5	75.7

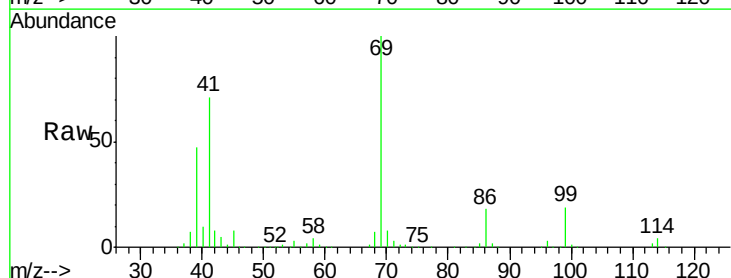


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

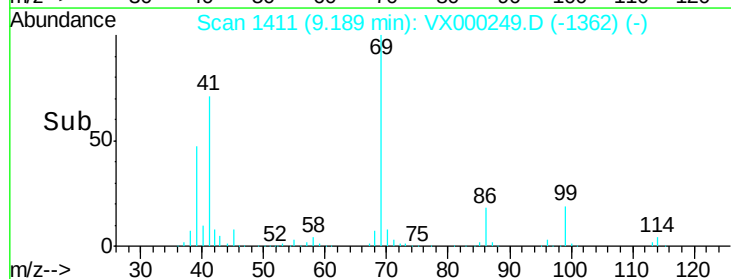
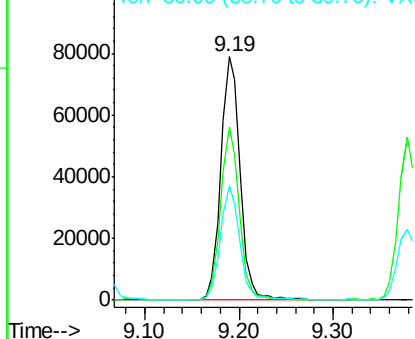


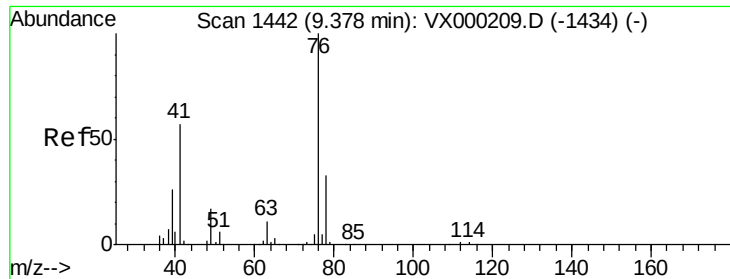
#56
 Ethyl methacrylate
 Concen: 52.653 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion:	69	Resp:	112530
Ion	Ratio	Lower	Upper
69	100		
41	68.9	52.2	78.2
39	46.6	34.3	51.5



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

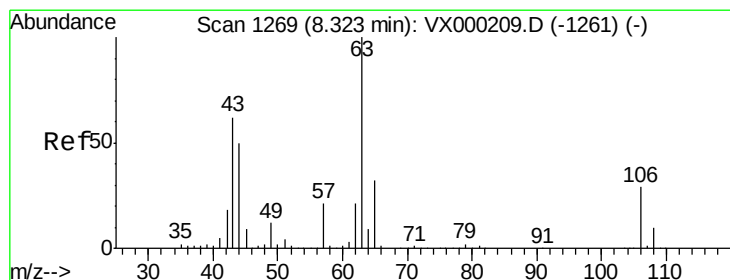
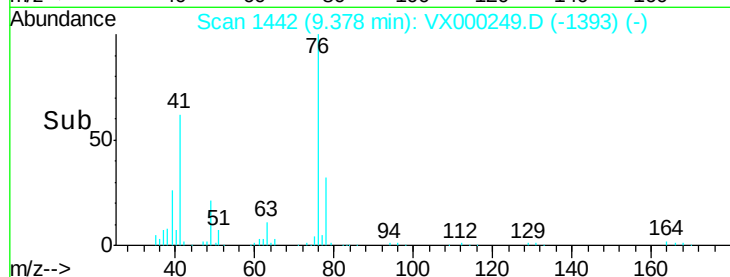
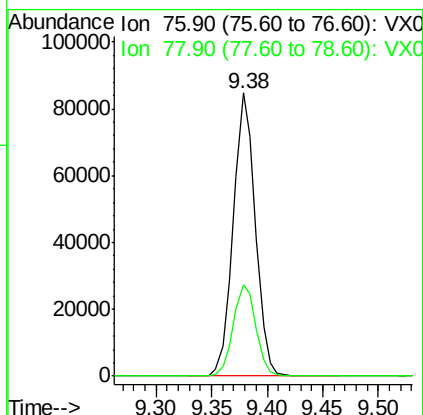
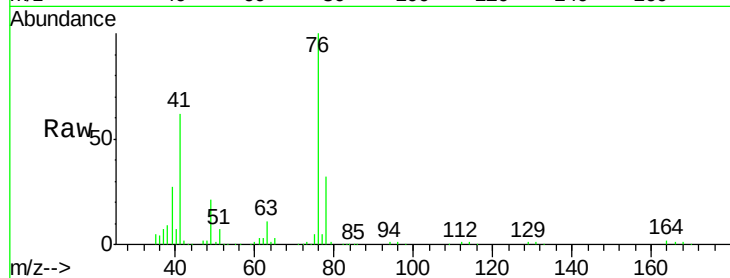




#57
 1,3-Dichloropropane
 Concen: 48.446 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

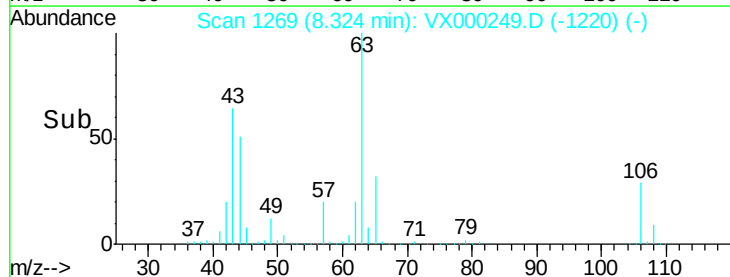
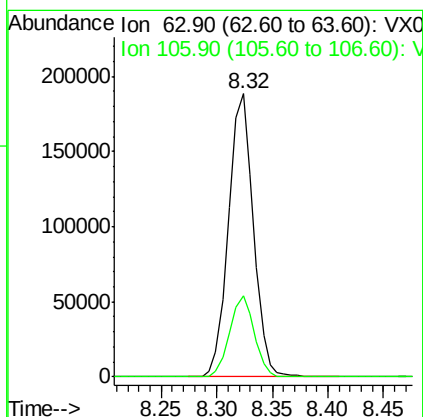
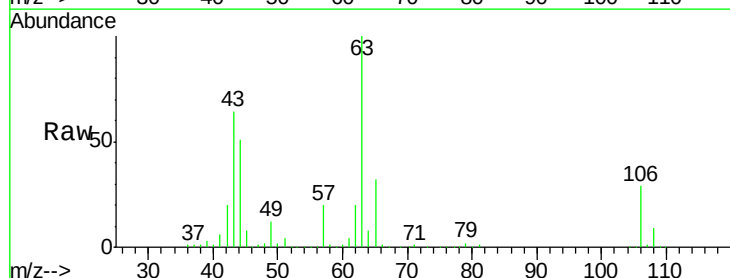
Instrument :
 MSVOA_X
 ClientSampleId :

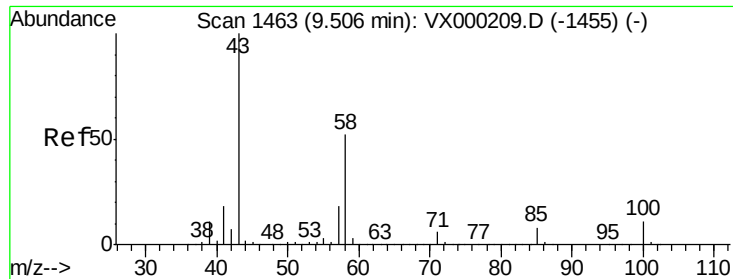
Tot Ion: 76 Resp: 116174
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.520 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion: 63 Resp: 290816
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.2 34.8

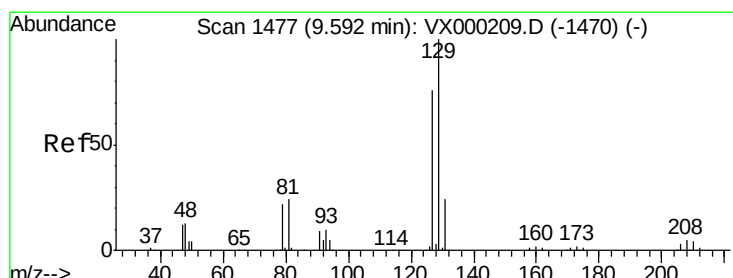
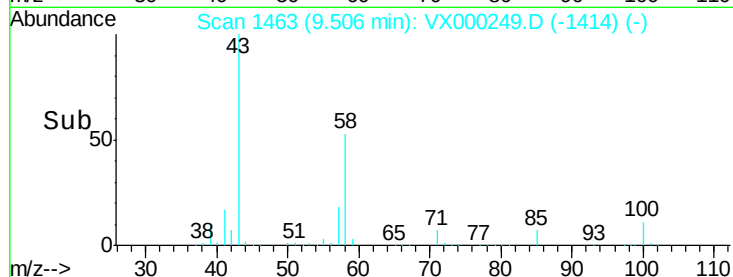
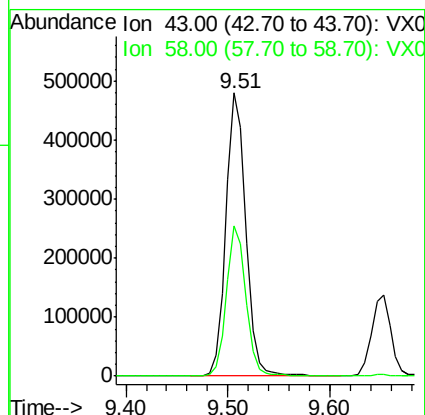
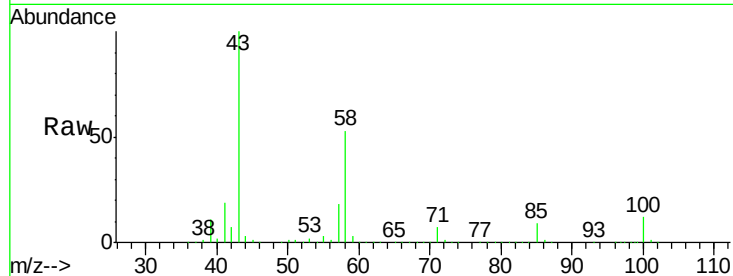




#59
2-Hexanone
Concen: 270.670 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

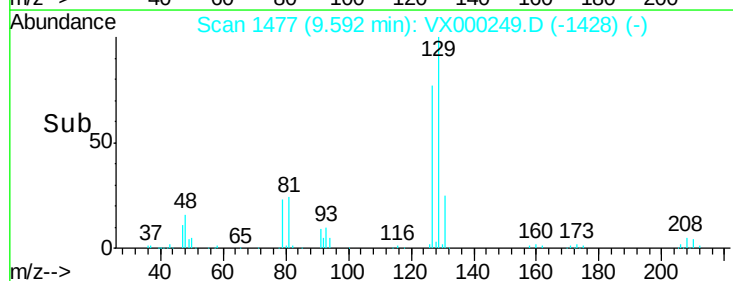
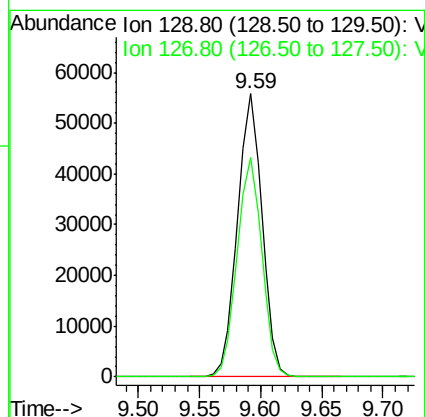
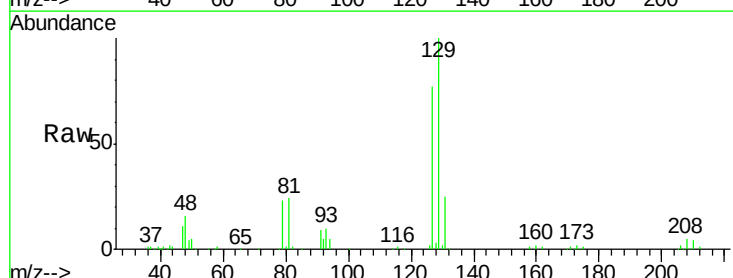
Instrument :
MSVOA_X
ClientSampleId :

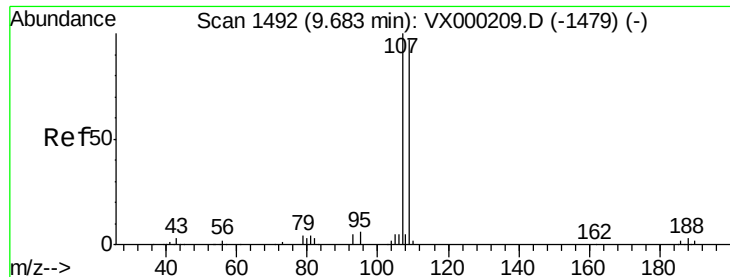
Tot Ion: 43 Resp: 649242
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.7



#60
Dibromochloromethane
Concen: 51.596 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion:129 Resp: 77691
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.208 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

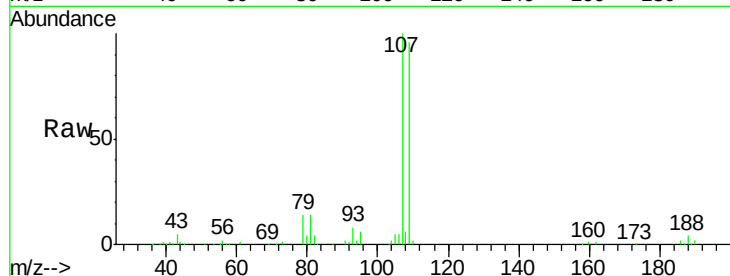
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 81208

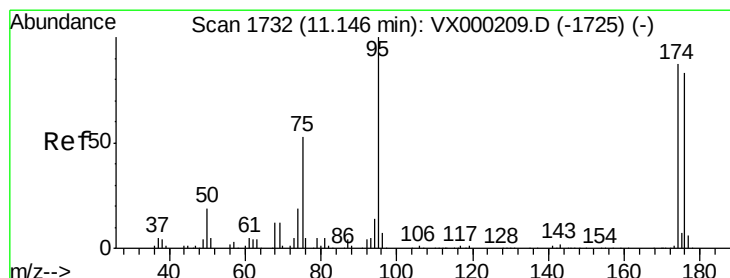
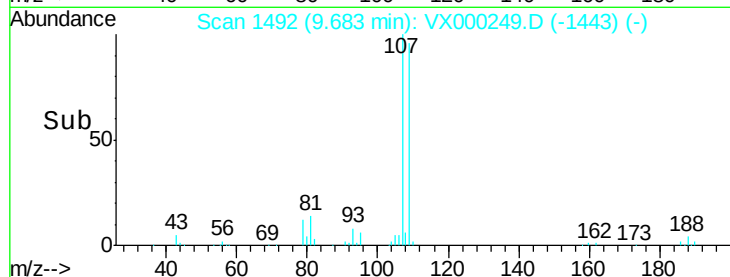
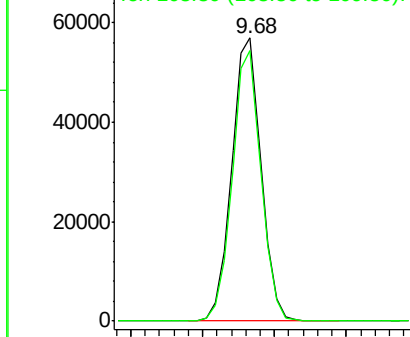
Ion Ratio Lower Upper

107 100

109 93.2 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.011 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

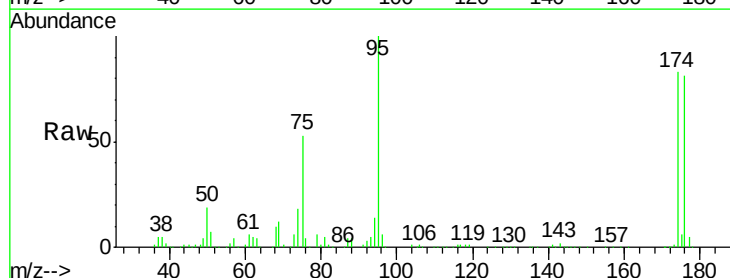
Tgt Ion: 95 Resp: 105874

Ion Ratio Lower Upper

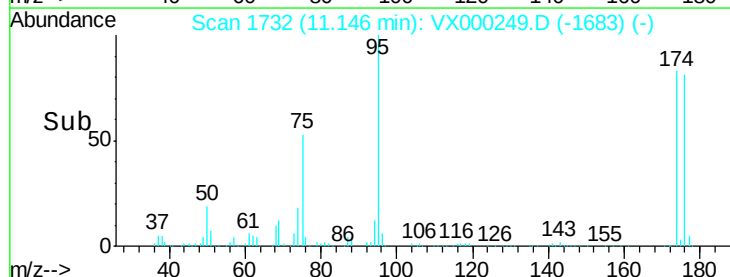
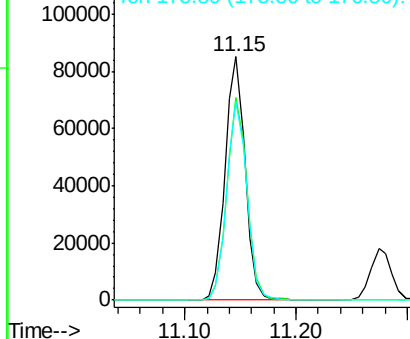
95 100

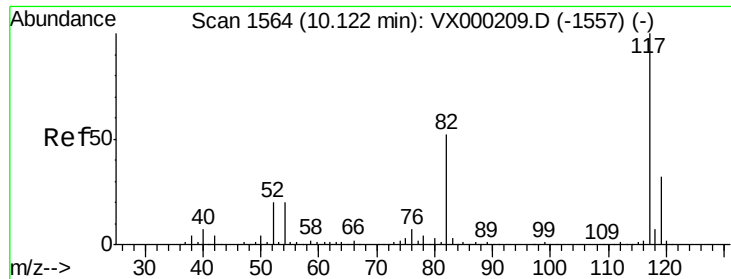
174 83.6 0.0 175.6

176 82.7 0.0 171.0



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

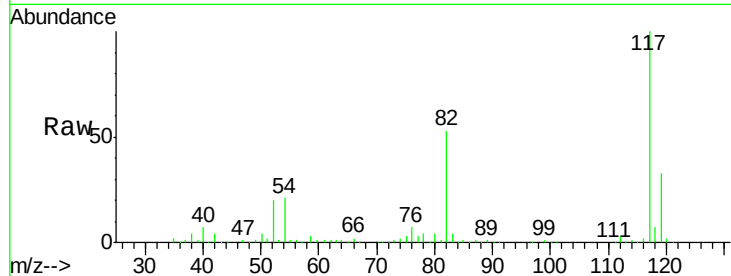




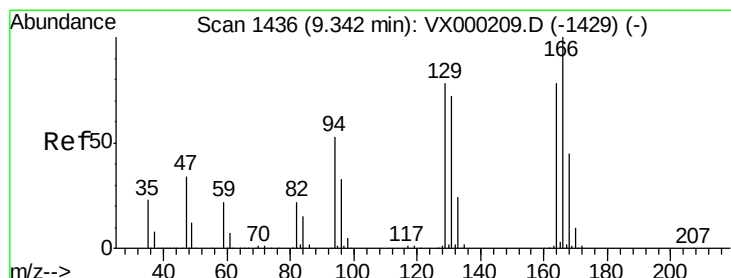
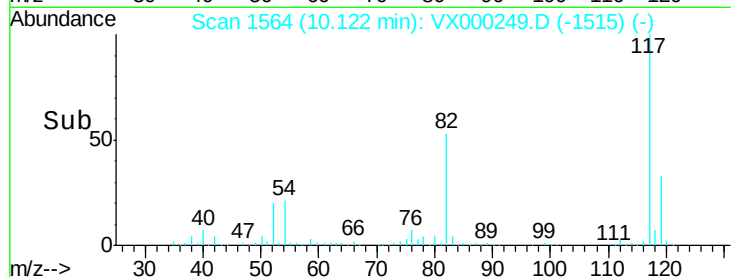
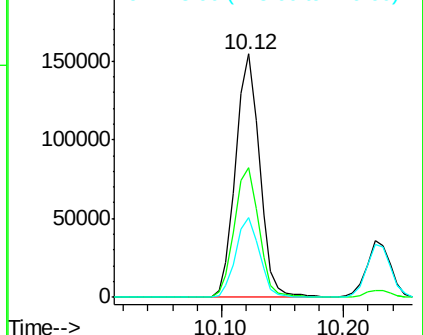
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 209635
Ion Ratio Lower Upper
117 100
82 53.0 42.0 63.0
119 32.6 25.3 37.9

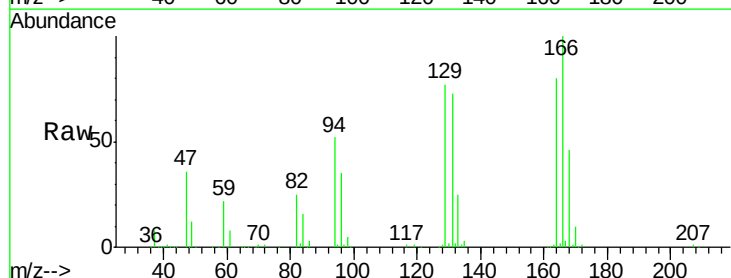


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

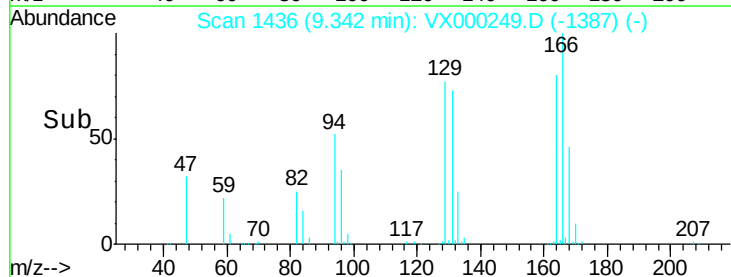
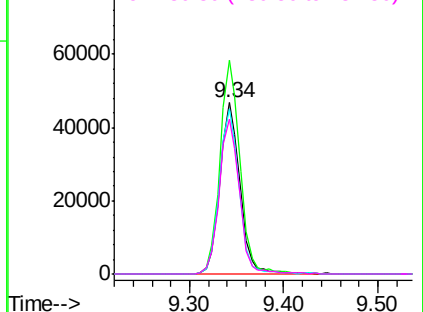


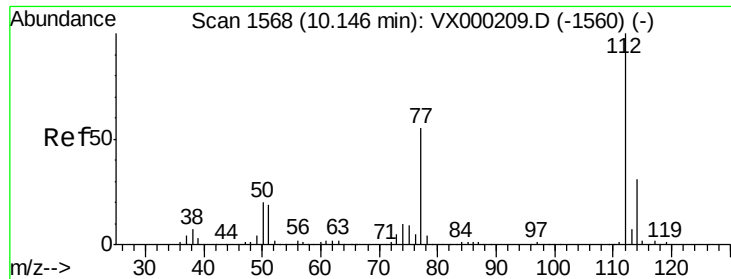
#64
Tetrachloroethene
Concen: 47.104 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion:164 Resp: 69090
Ion Ratio Lower Upper
164 100
166 124.8 103.0 154.6
129 96.5 80.2 120.4
131 90.5 74.2 111.4



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





#65

Chlorobenzene

Concen: 48.527 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

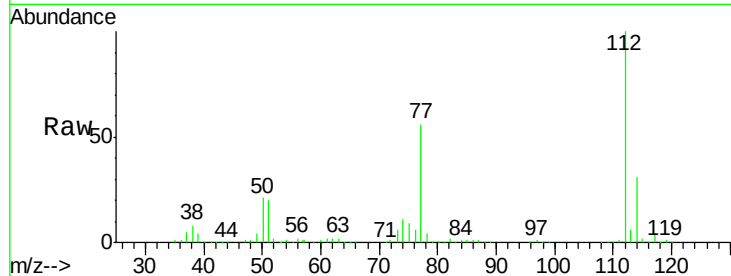
ClientSampled :

Tot Ion:112 Resp: 205441

Ion Ratio Lower Upper

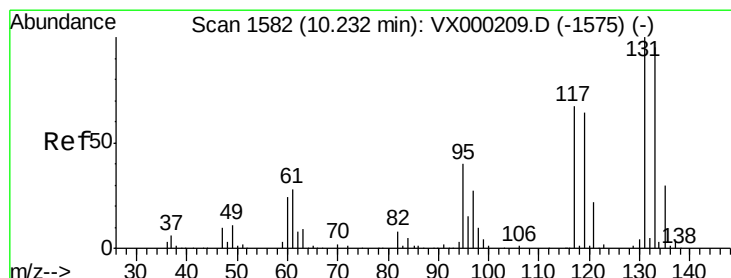
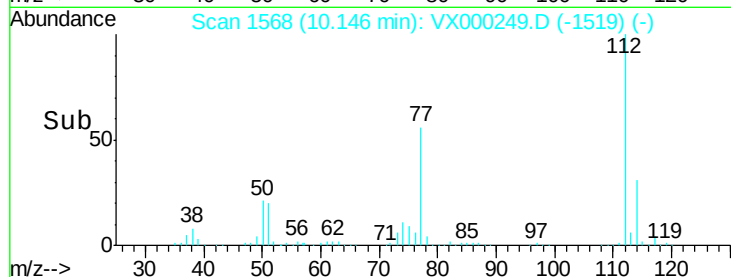
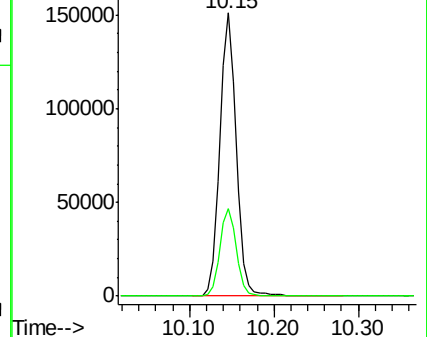
112 100

114 30.9 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.731 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

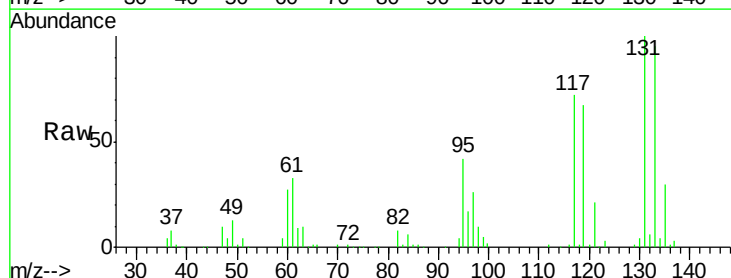
Tgt Ion:131 Resp: 70533

Ion Ratio Lower Upper

131 100

133 94.4 48.3 144.9

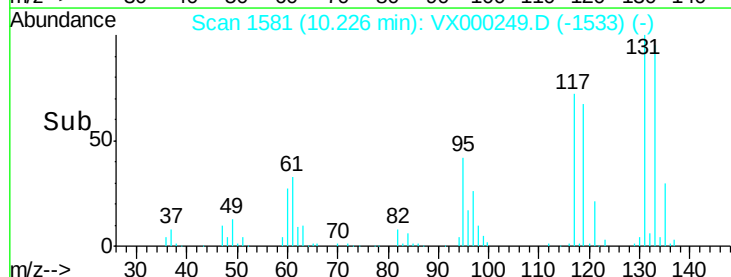
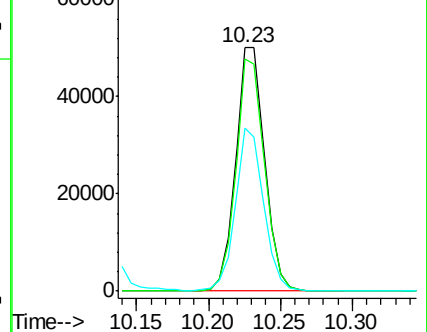
119 65.5 32.3 96.8

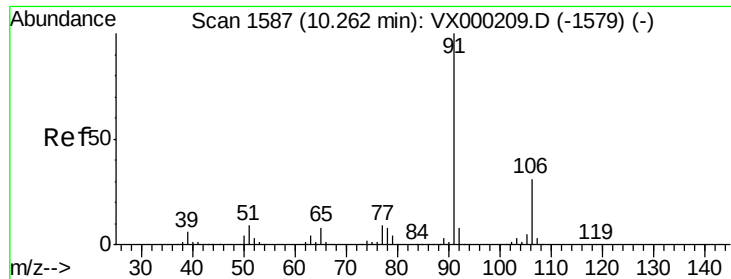


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

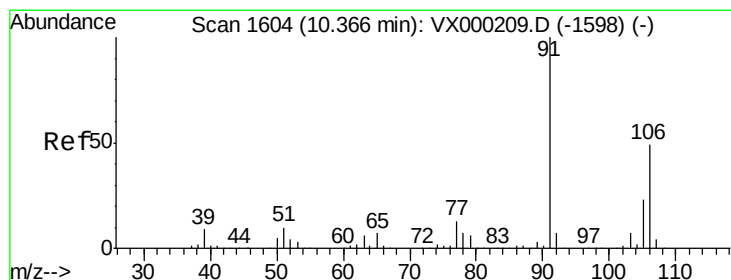
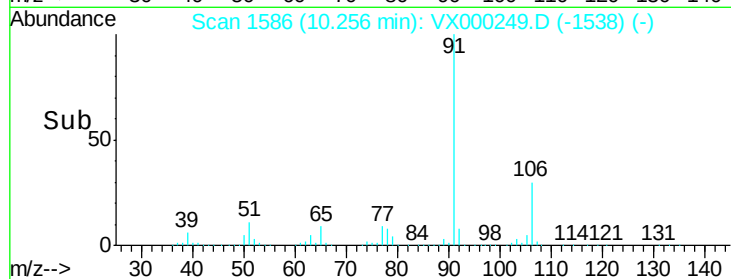
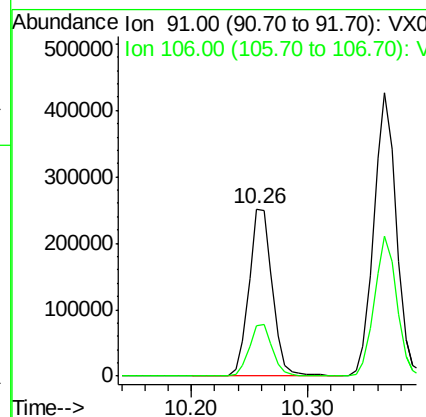
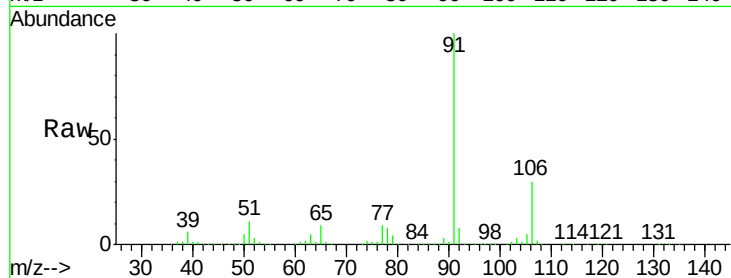




#67
Ethyl Benzene
Concen: 47.888 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

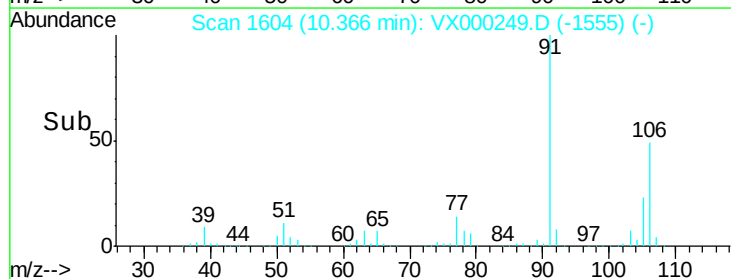
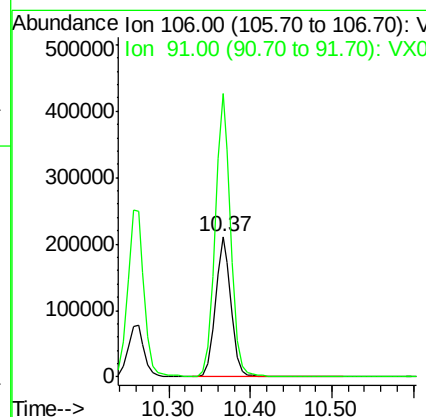
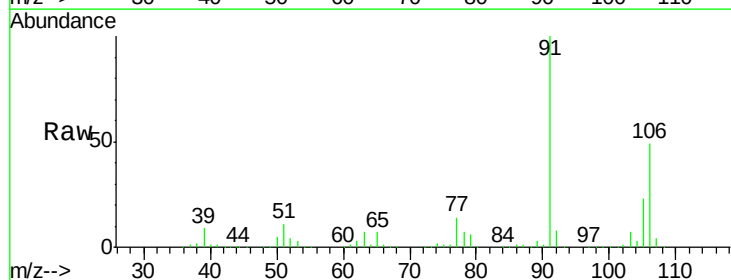
Instrument :
MSVOA_X
ClientSampled :

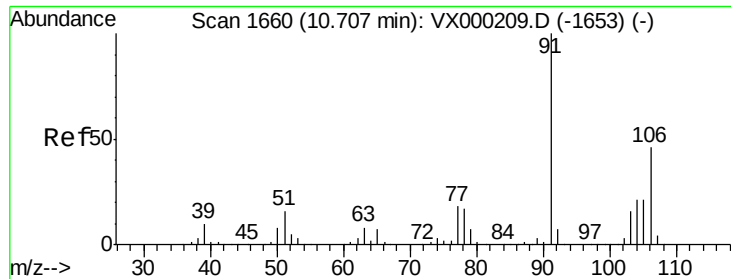
Tot Ion: 91 Resp: 353834
Ion Ratio Lower Upper
91 100
106 30.1 25.2 37.8



#68
m/p-Xylenes
Concen: 100.114 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion: 106 Resp: 284698
Ion Ratio Lower Upper
106 100
91 202.5 160.9 241.3

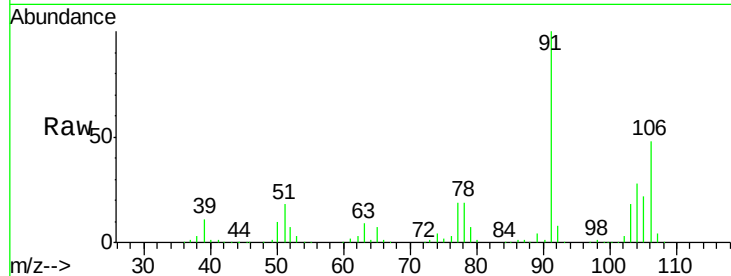




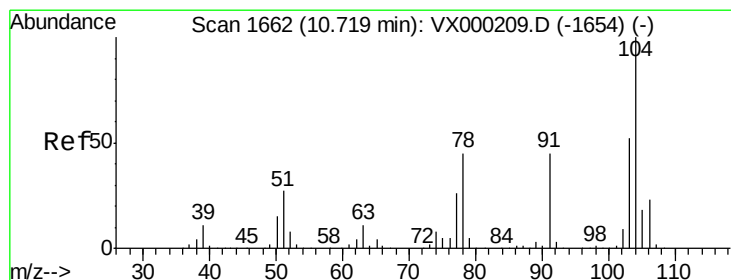
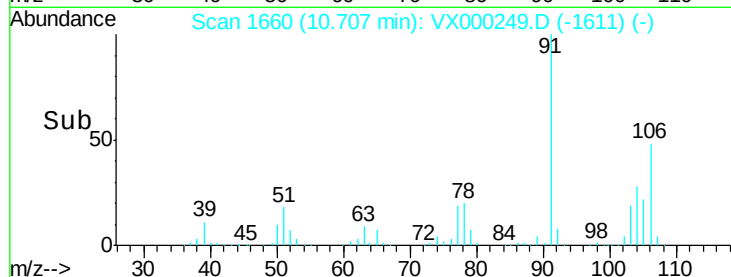
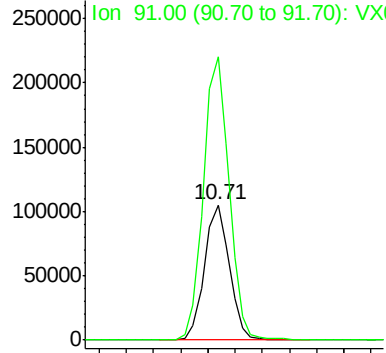
#69
o-Xylene
Concen: 49.536 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 135392
Ion Ratio Lower Upper
106 100
91 214.6 105.9 317.7

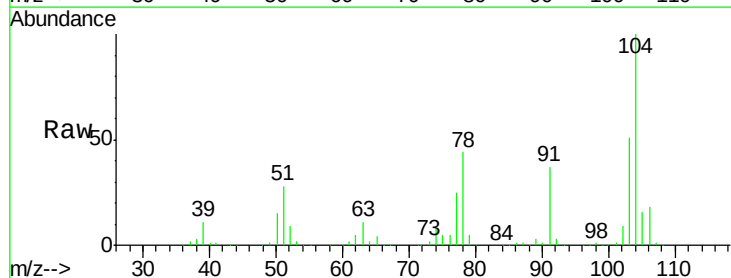


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

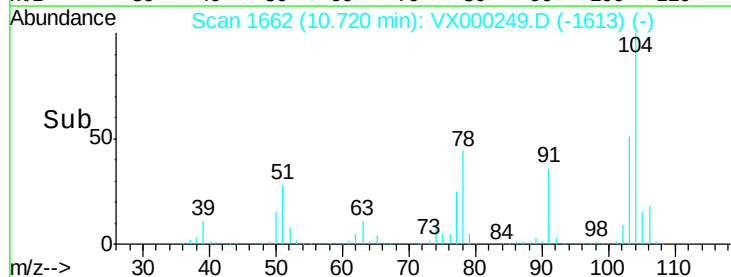
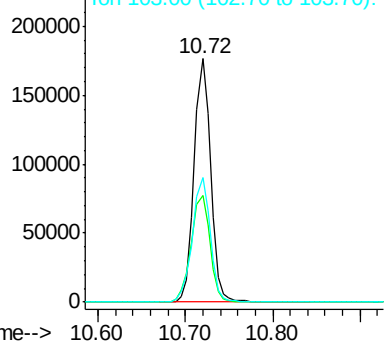


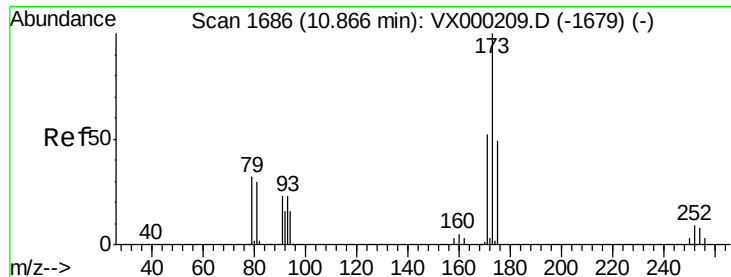
#70
Styrene
Concen: 50.847 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion:104 Resp: 230542
Ion Ratio Lower Upper
104 100
78 49.9 39.6 59.4
103 55.2 45.0 67.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 42.731 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

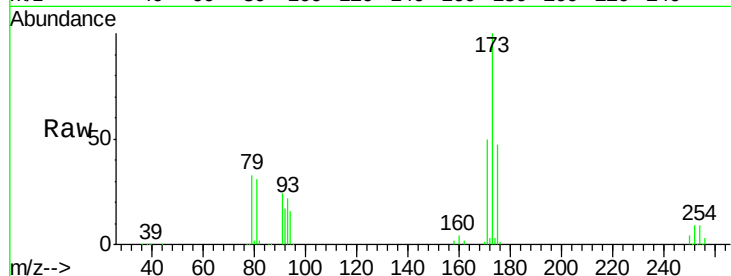
Tot Ion:173 Resp: 62442

Ion Ratio Lower Upper

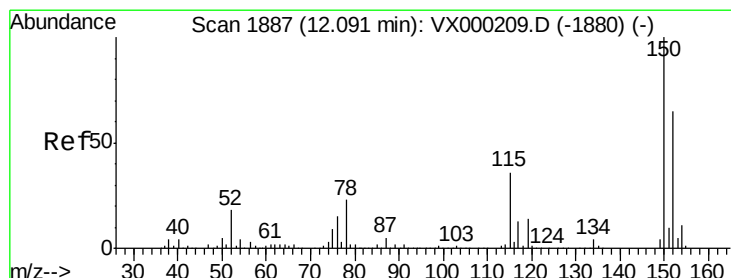
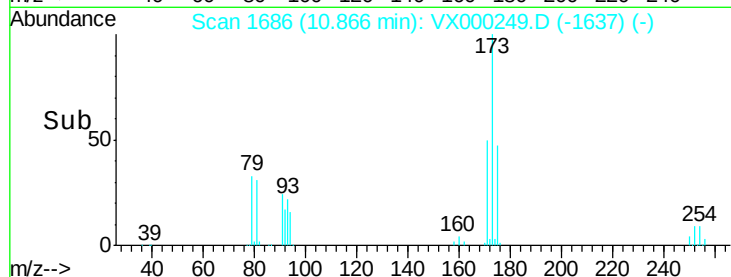
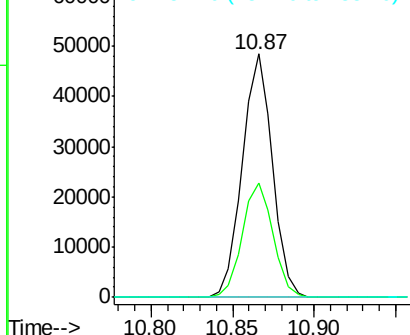
173 100

175 48.1 24.4 73.2

254 0.1 0.2 0.2#



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: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

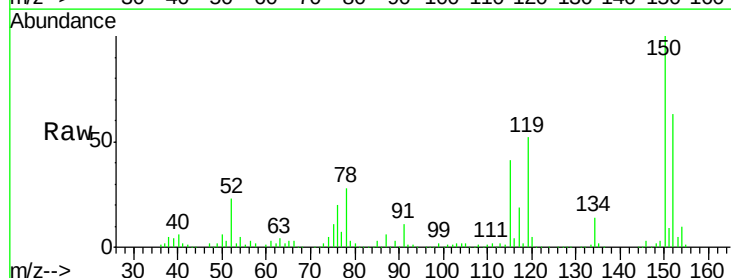
Tgt Ion:152 Resp: 128957

Ion Ratio Lower Upper

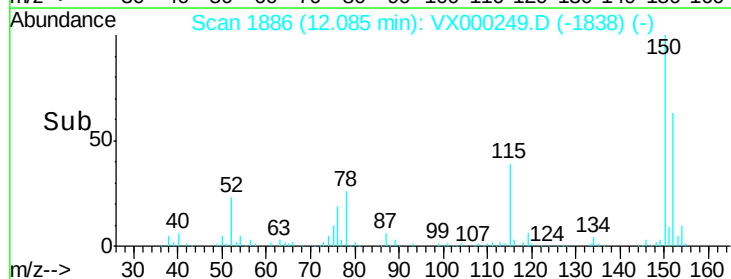
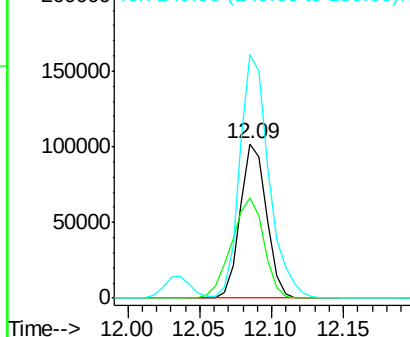
152 100

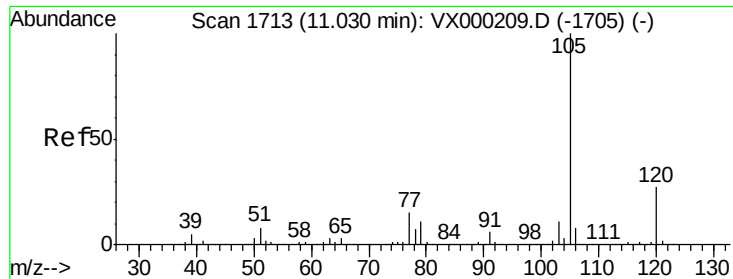
115 80.5 39.8 119.3

150 174.2 0.0 345.0



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: 46.111 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

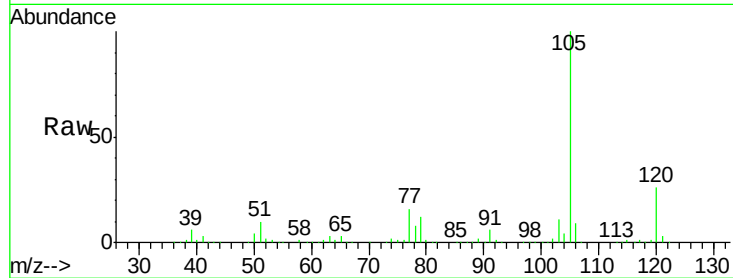
ClientSampleId :

Tot Ion:105 Resp: 372301

Ion Ratio Lower Upper

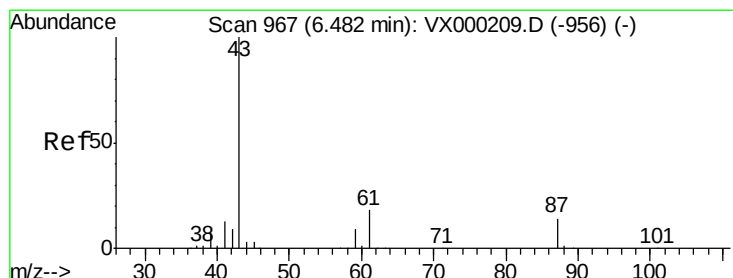
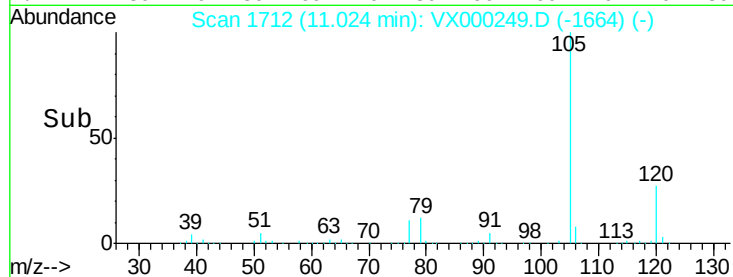
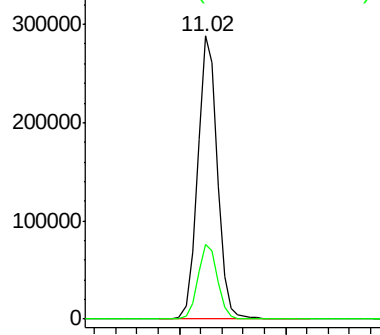
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.749 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Tgt Ion: 43 Resp: 184852

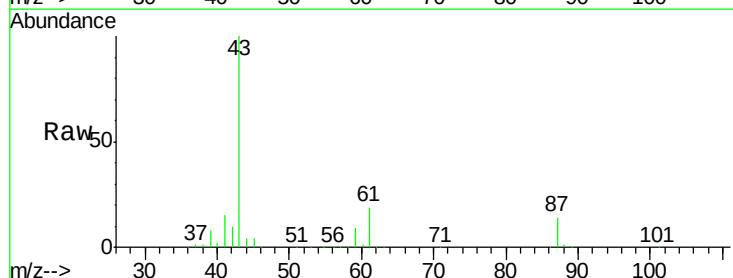
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.8 14.8 22.2

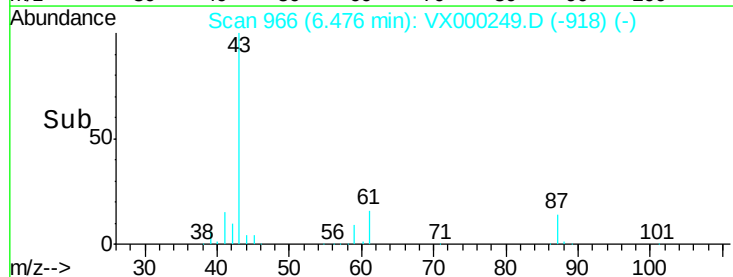
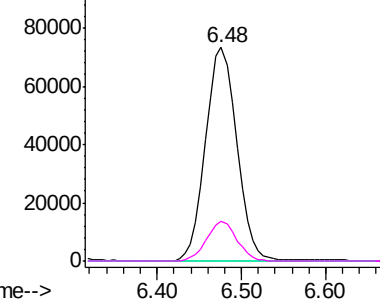


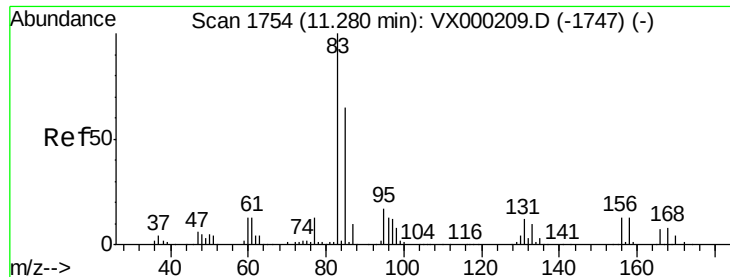
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.448 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampled :

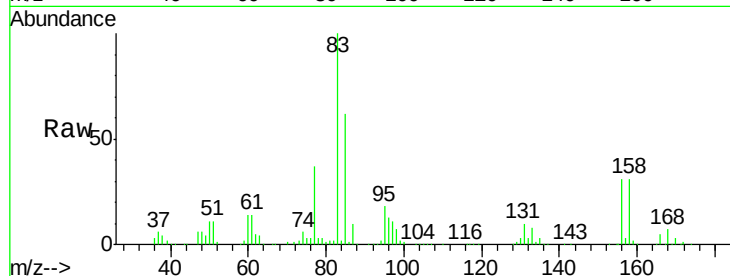
Tot Ion: 83 Resp: 137130

Ion Ratio Lower Upper

83 100

131 10.1 5.5 16.5

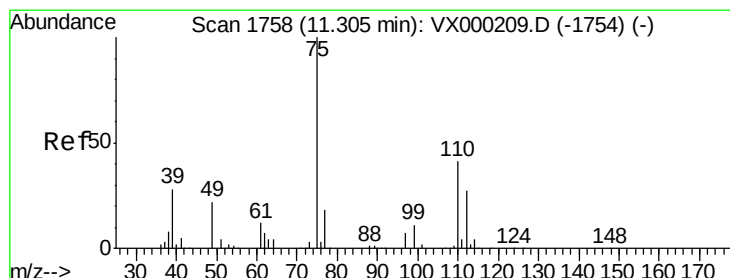
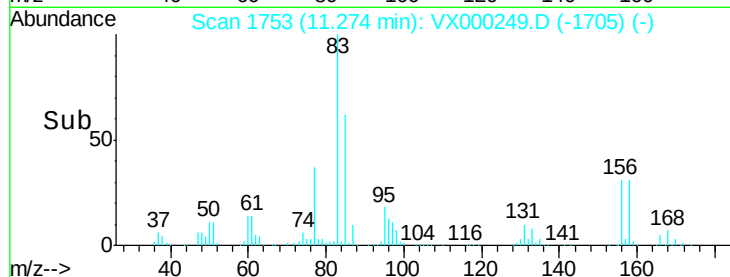
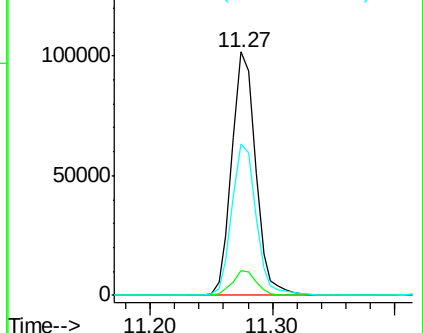
85 63.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.616 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000249.D

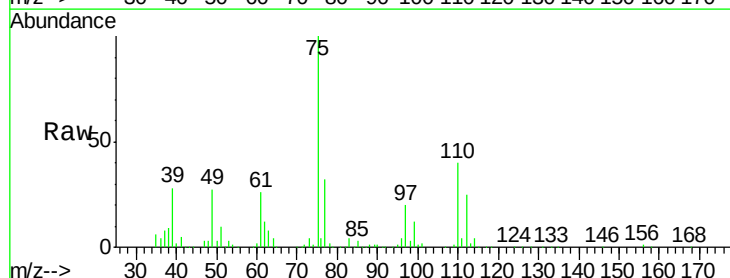
Acq: 09 Mar 2018 11:52

Tgt Ion: 75 Resp: 167032

Ion Ratio Lower Upper

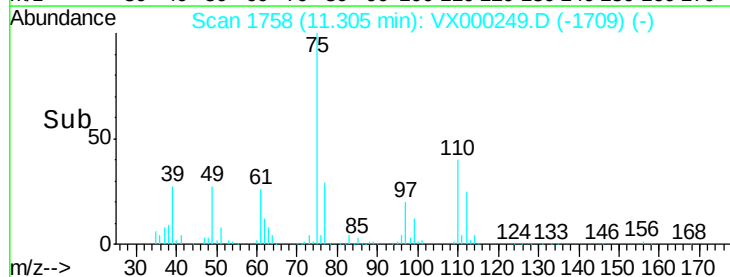
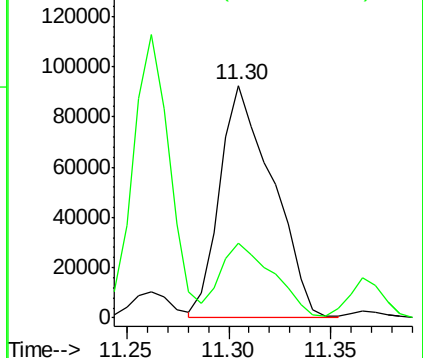
75 100

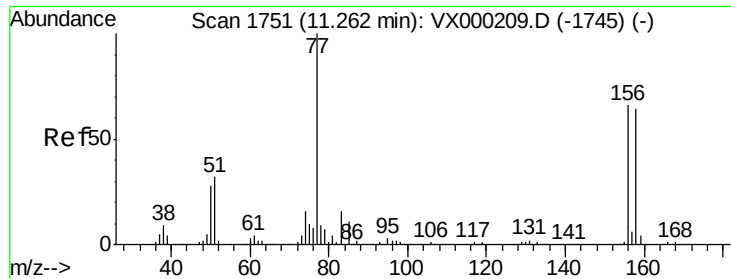
77 32.0 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.579 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampled :

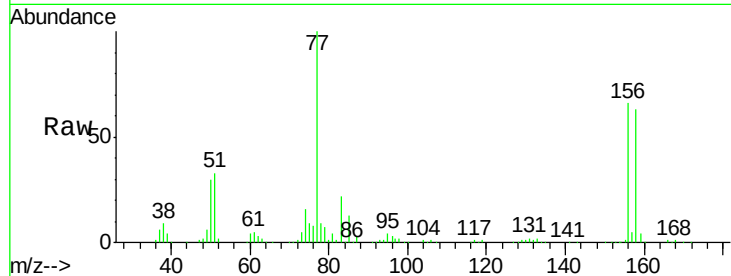
Tot Ion:156 Resp: 93053

Ion Ratio Lower Upper

156 100

77 151.4 71.9 215.7

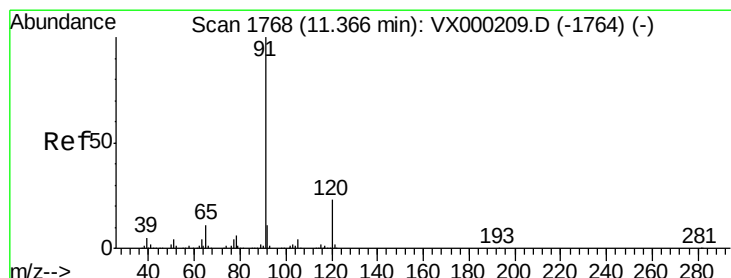
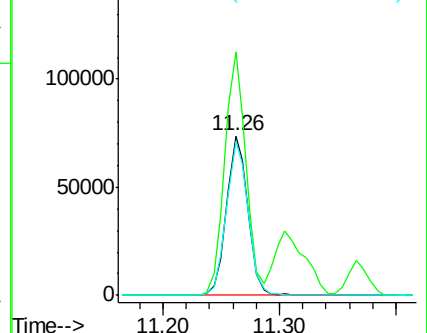
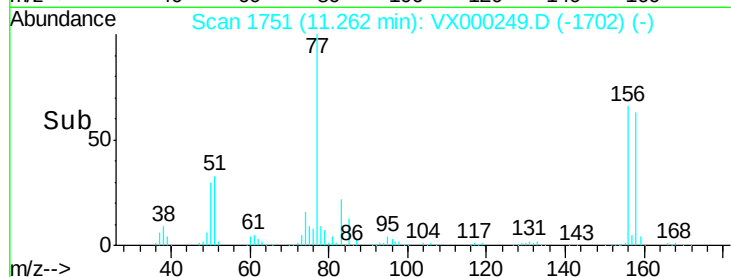
158 98.3 48.0 144.2



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: 48.101 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000249.D

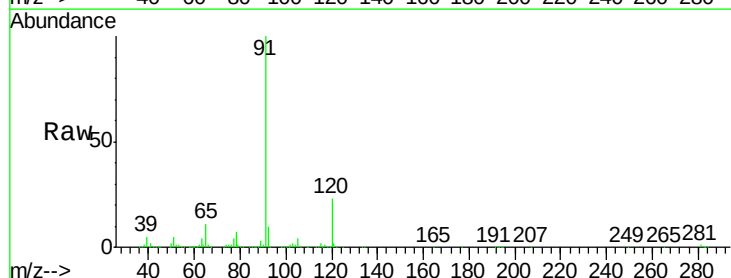
Acq: 09 Mar 2018 11:52

Tgt Ion: 91 Resp: 457058

Ion Ratio Lower Upper

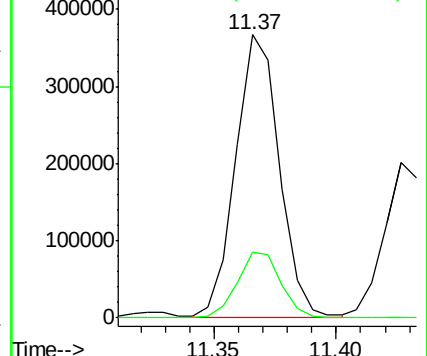
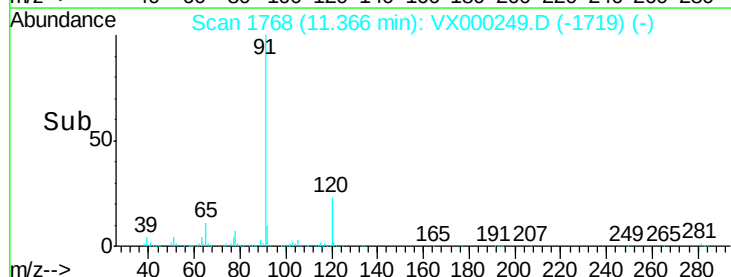
91 100

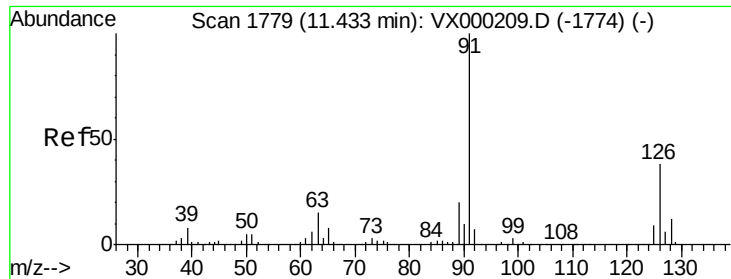
120 23.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

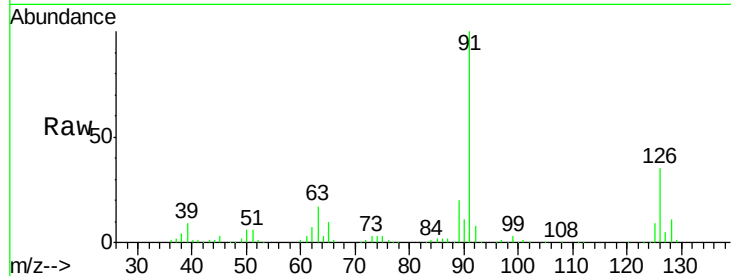




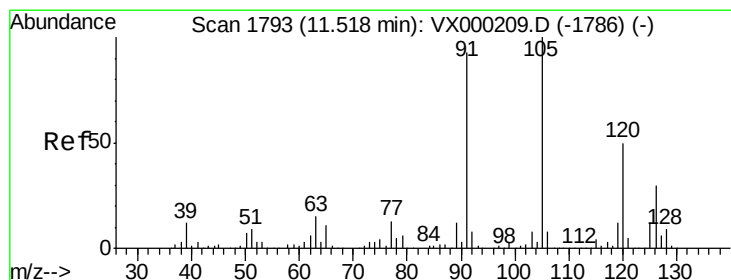
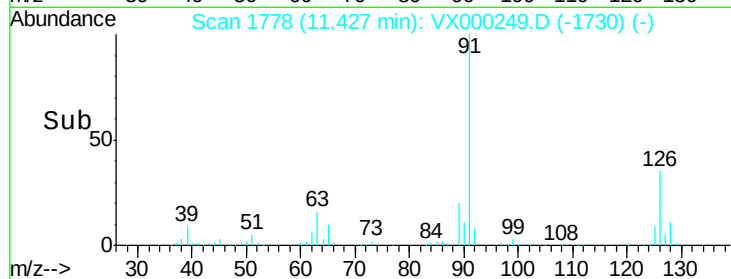
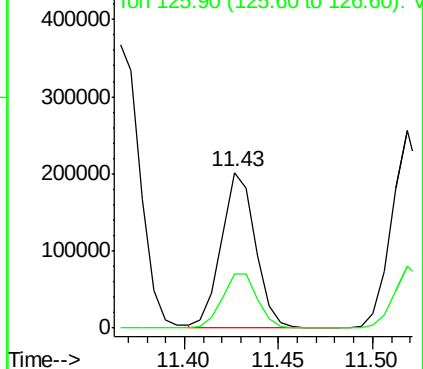
#79
2-Chlorotoluene
Concen: 47.786 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 256150
Ion Ratio Lower Upper
91 100
126 35.6 18.4 55.2

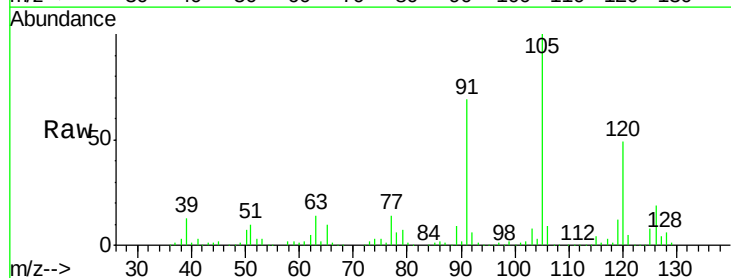


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

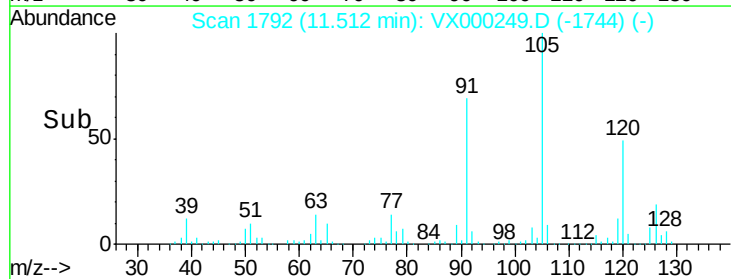
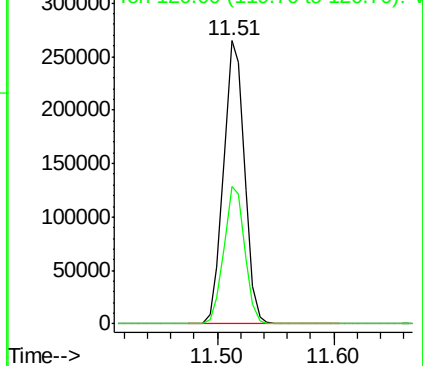


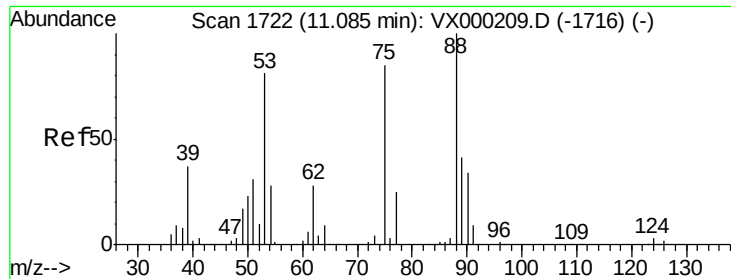
#80
1,3,5-Trimethylbenzene
Concen: 48.793 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion: 105 Resp: 328901
Ion Ratio Lower Upper
105 100
120 48.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.778 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

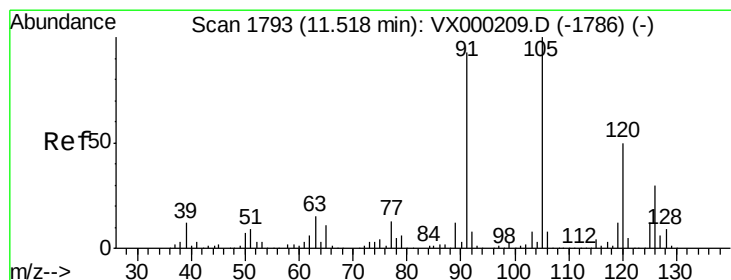
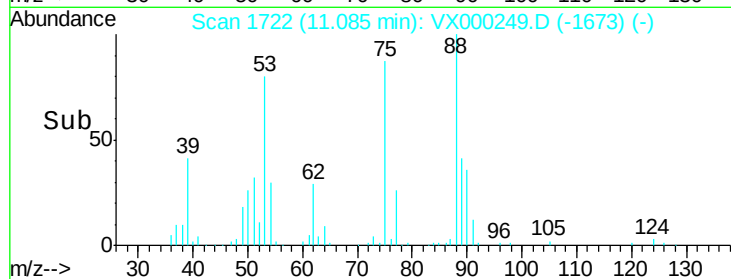
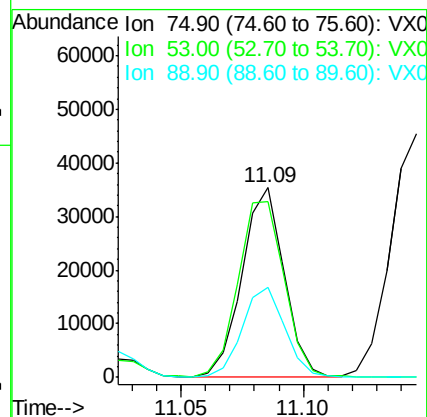
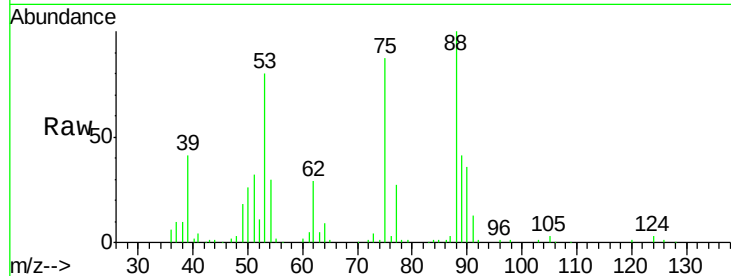
Tot Ion: 75 Resp: 42021

Ion Ratio Lower Upper

75 100

53 102.3 78.6 118.0

89 48.5 38.8 58.2



#82

4-Chlorotoluene

Concen: 48.647 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000249.D

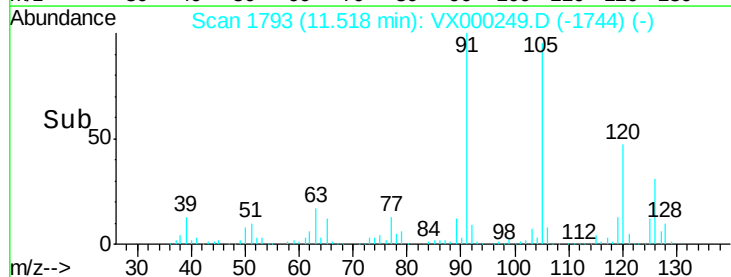
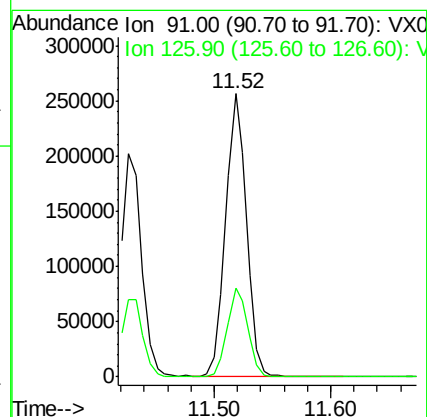
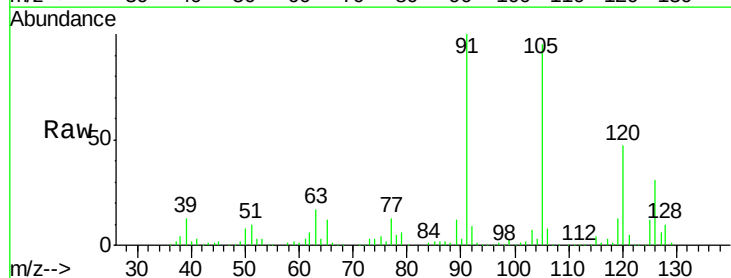
Acq: 09 Mar 2018 11:52

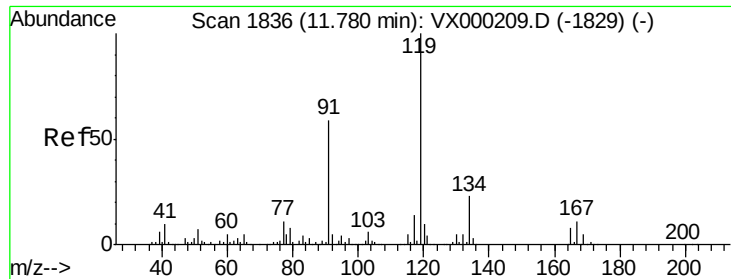
Tgt Ion: 91 Resp: 317044

Ion Ratio Lower Upper

91 100

126 31.0 16.0 48.0

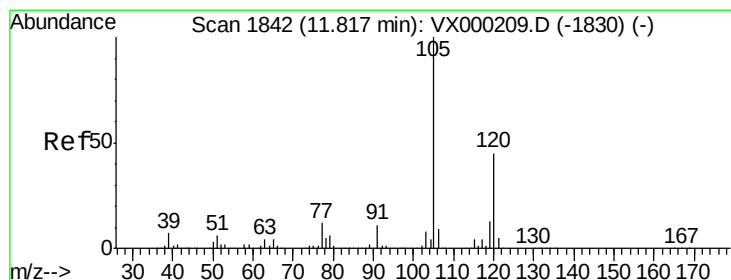
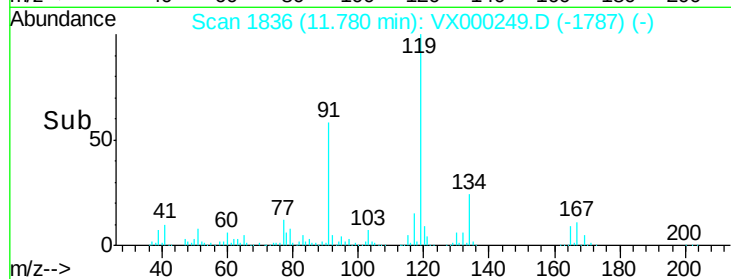
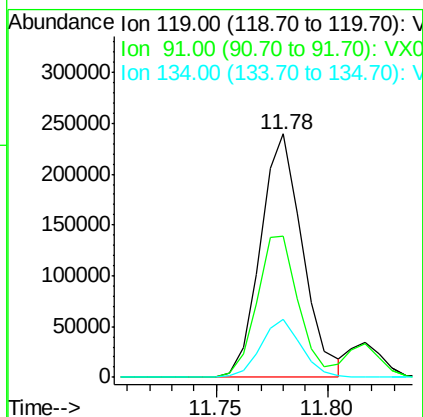
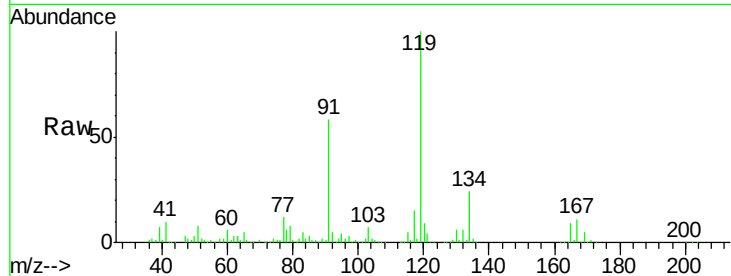




#83
 tert-Butylbenzene
 Concen: 47.898 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

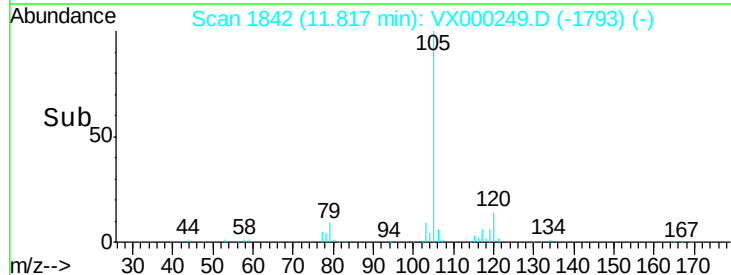
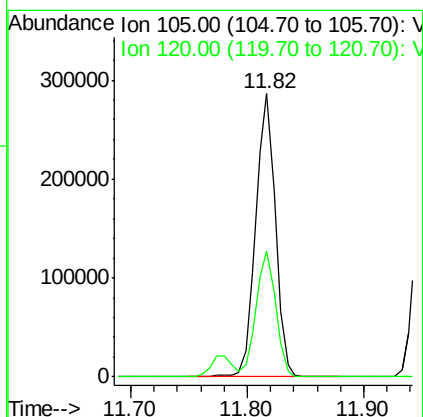
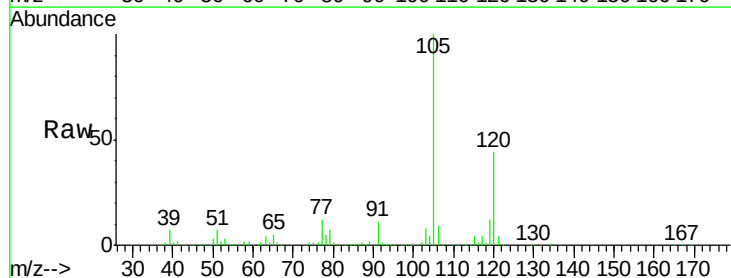
Instrument :
 MSVOA_X
 ClientSampleId :

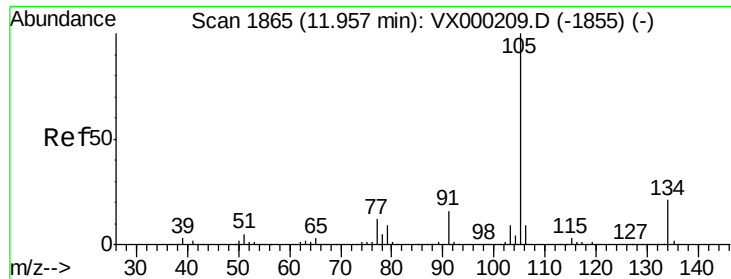
Tot Ion:119 Resp: 314178
 Ion Ratio Lower Upper
 119 100
 91 57.5 28.9 86.7
 134 22.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 48.931 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion:105 Resp: 339187
 Ion Ratio Lower Upper
 105 100
 120 44.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 48.513 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

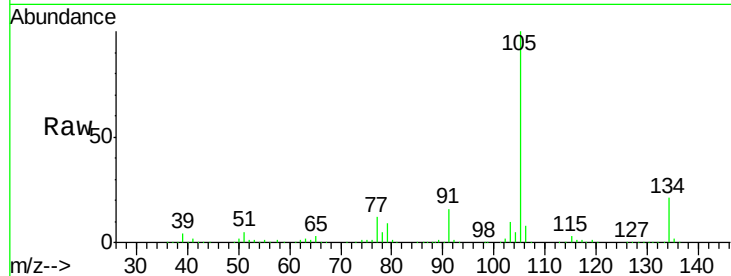
ClientSampleId :

Tot Ion:105 Resp: 402504

Ion Ratio Lower Upper

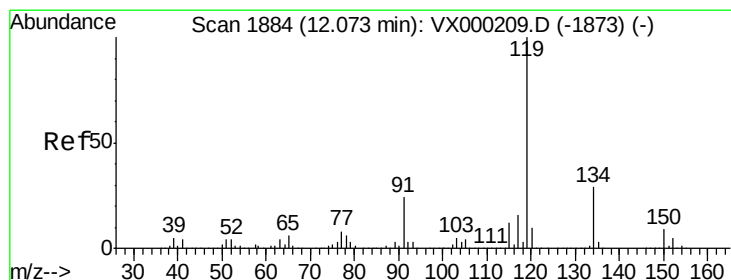
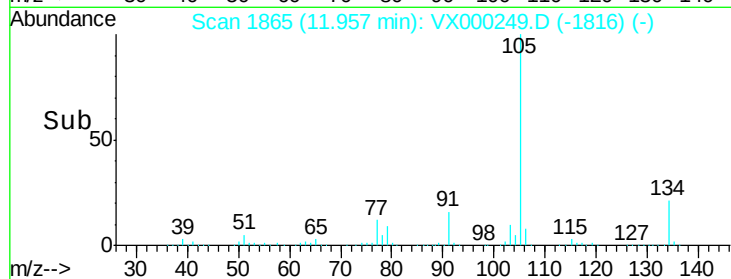
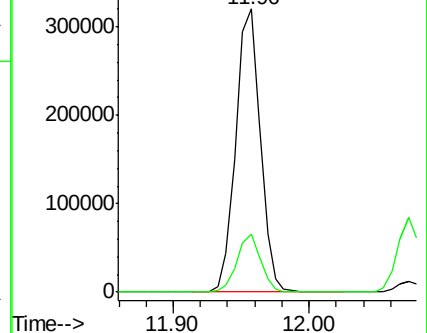
105 100

134 19.9 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.063 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

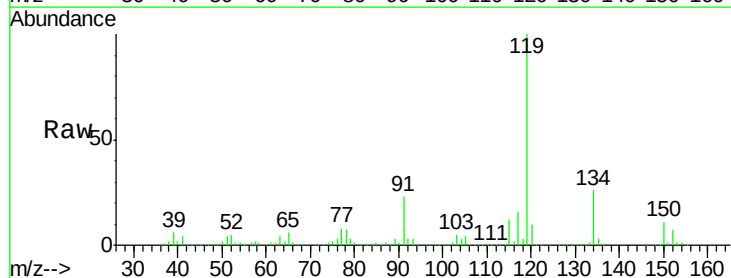
Tgt Ion:119 Resp: 366277

Ion Ratio Lower Upper

119 100

134 26.4 13.8 41.3

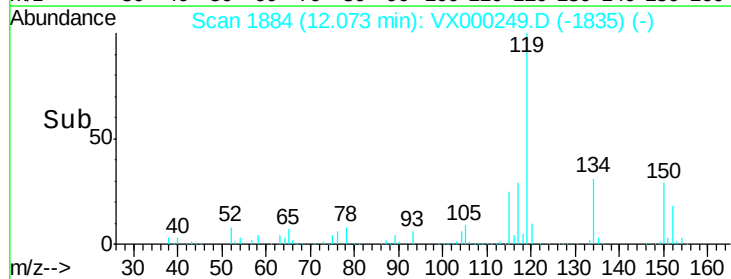
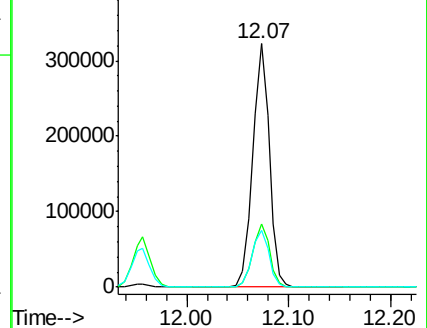
91 24.0 12.0 36.0

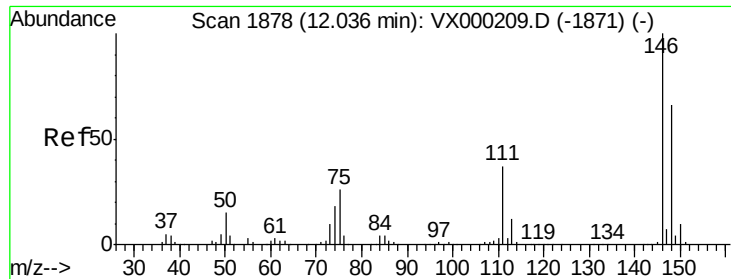


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

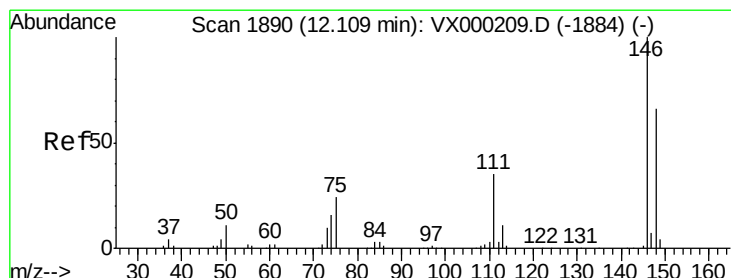
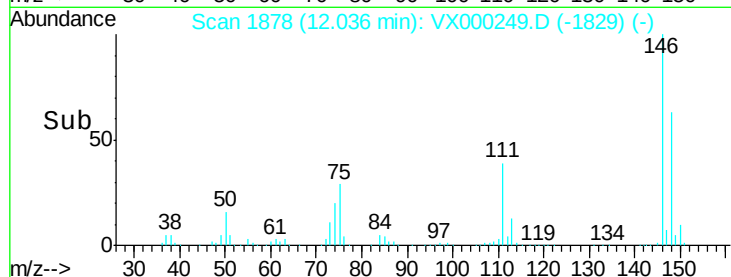
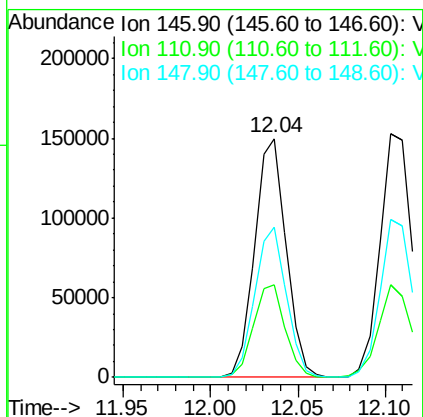
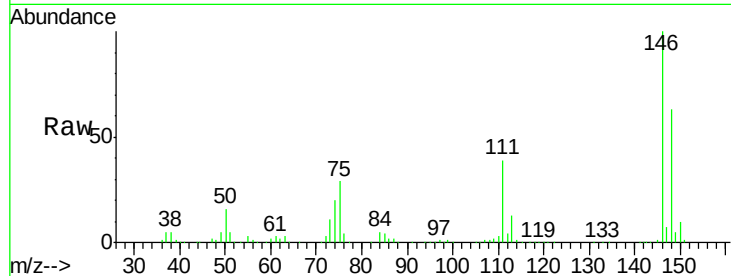




#87
 1,3-Dichlorobenzene
 Concen: 47.346 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

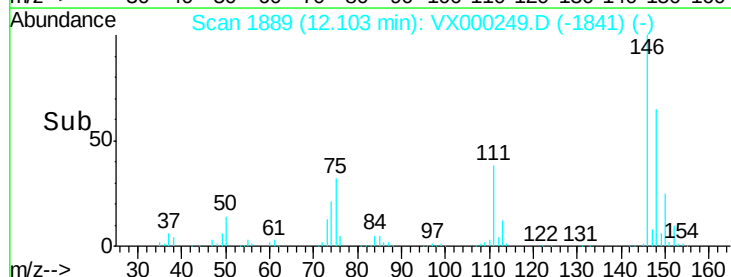
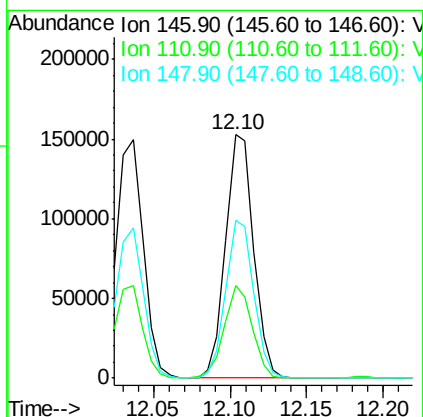
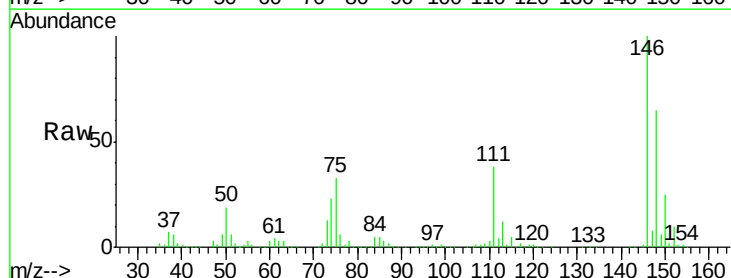
Instrument :
 MSVOA_X
 ClientSampled :

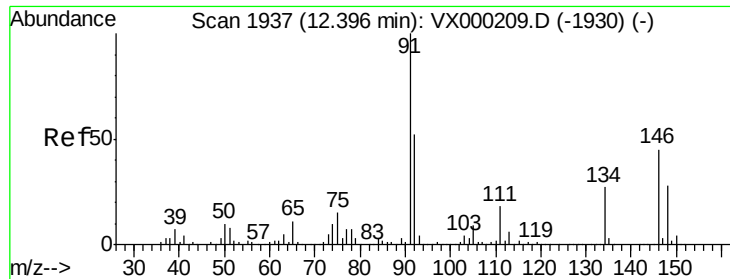
Tot Ion:146 Resp: 187906
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.0 57.0
 148 63.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 46.851 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion:146 Resp: 194866
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 64.8 32.6 97.8





#89

n-Butylbenzene

Concen: 50.127 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampled :

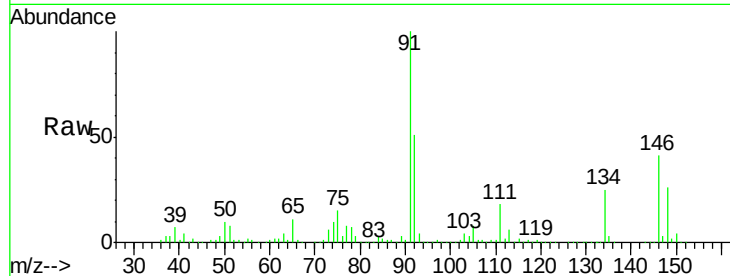
Tot Ion: 91 Resp: 353216

Ion Ratio Lower Upper

91 100

92 51.4 25.8 77.4

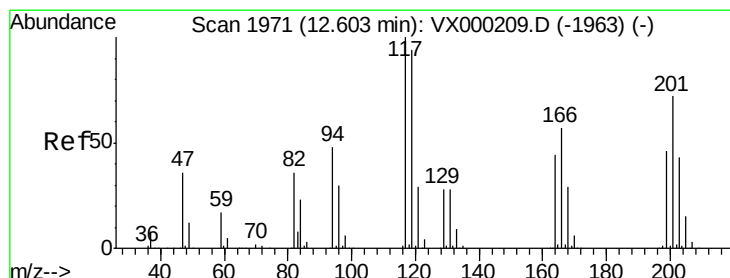
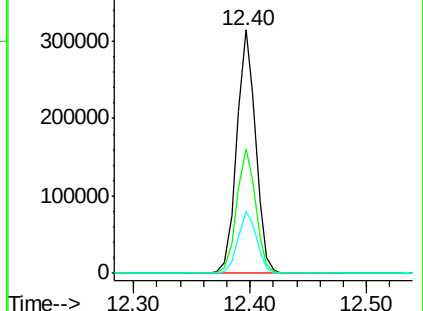
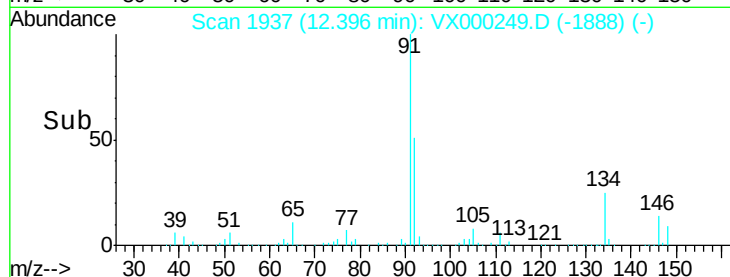
134 25.6 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX000249.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000249.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000249.D (-1930) (-)



#90

Hexachloroethane

Concen: 48.098 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000249.D

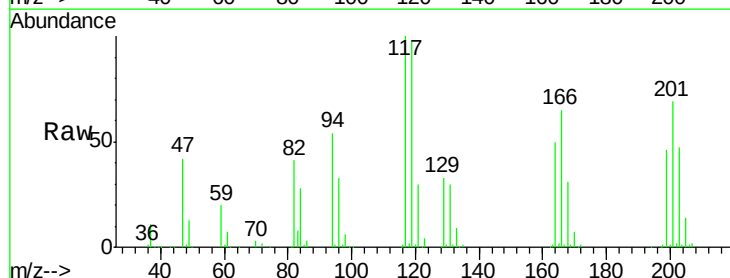
Acq: 09 Mar 2018 11:52

Tgt Ion: 117 Resp: 56696

Ion Ratio Lower Upper

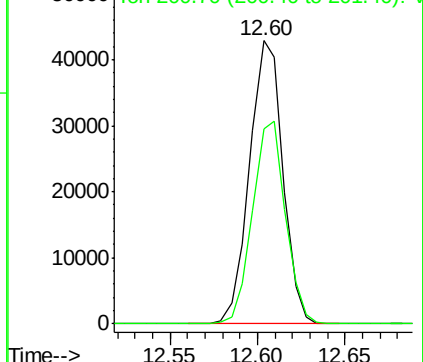
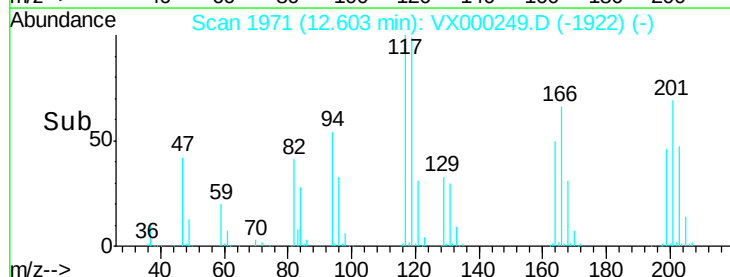
117 100

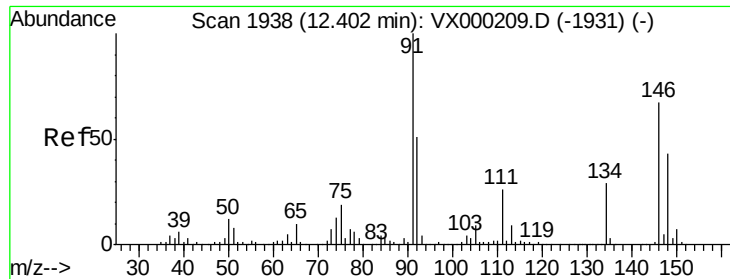
201 71.0 38.2 114.6



Abundance Ion 116.80 (116.50 to 117.50): VX000249.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX000249.D (-1963) (-)

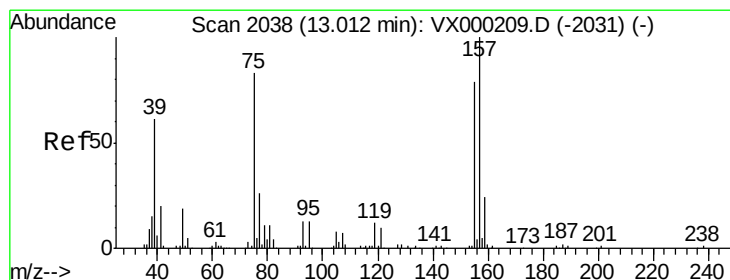
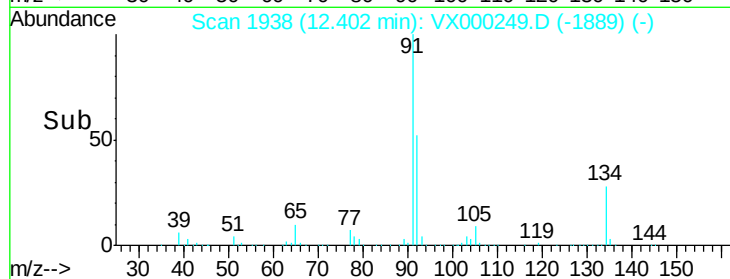
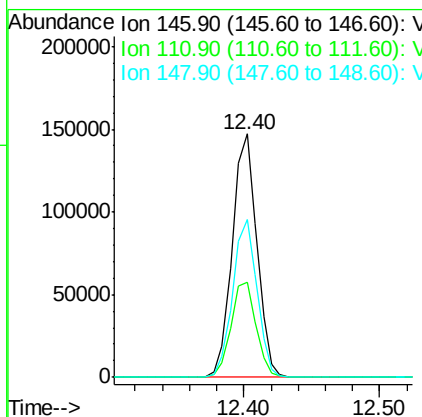
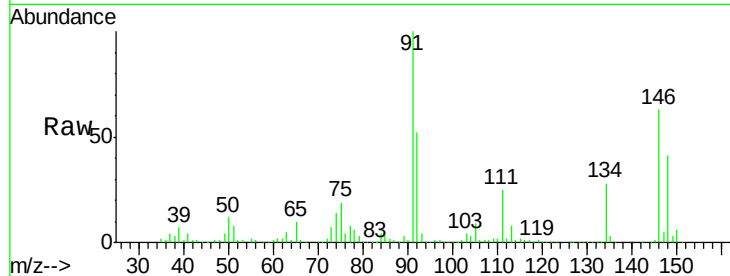




#91
 1,2-Dichlorobenzene
 Concen: 47.029 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

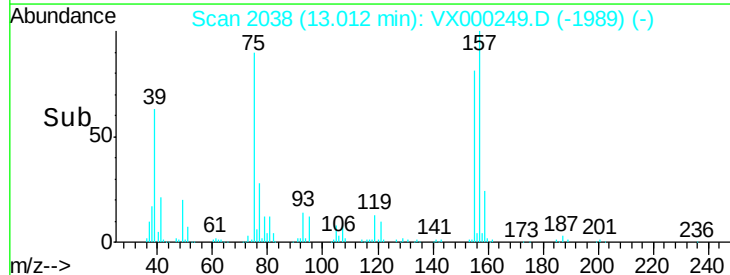
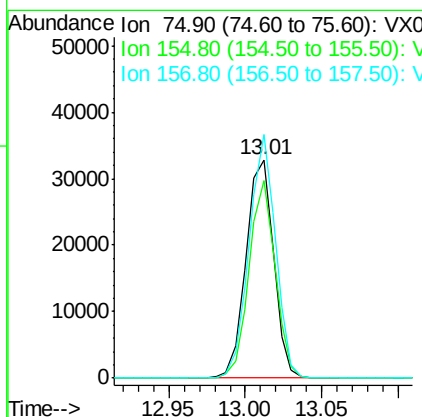
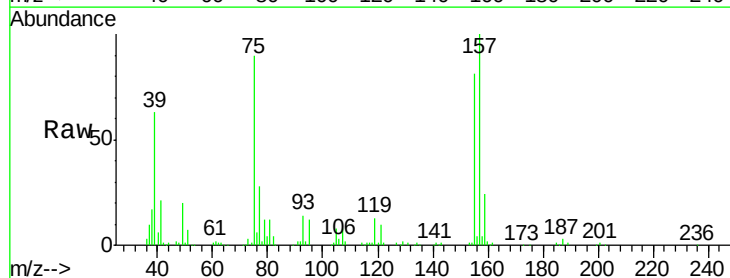
Instrument :
 MSVOA_X
 ClientSampleId :

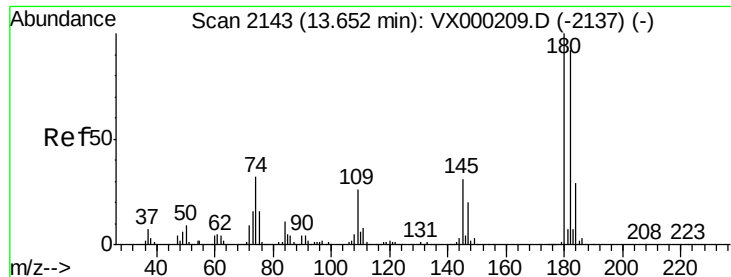
Tot Ion:146 Resp: 184791
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.7 59.0
 148 64.5 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.899 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion: 75 Resp: 41254
 Ion Ratio Lower Upper
 75 100
 155 85.5 45.5 136.5
 157 106.3 58.6 175.8

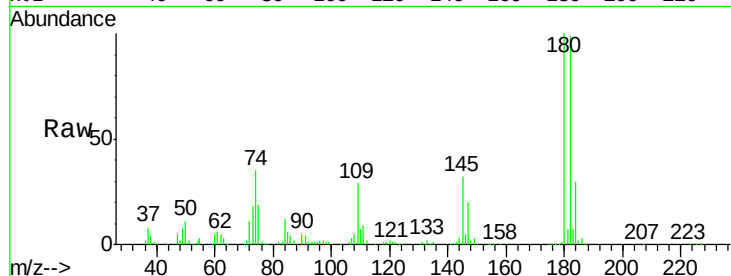




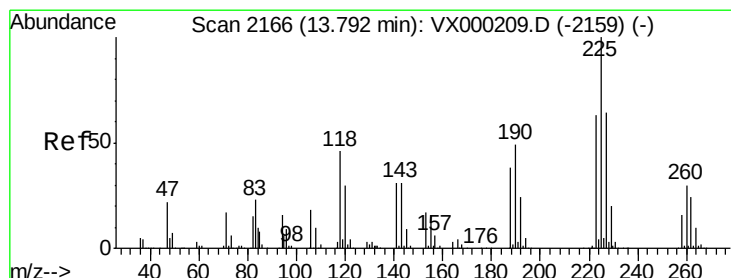
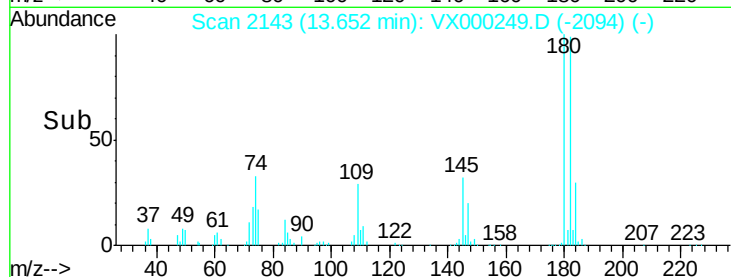
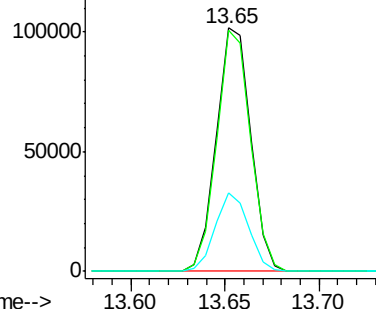
#93
1,2,4-Trichlorobenzene
Concen: 45.039 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.0	141.0
145	31.5	15.3	45.9

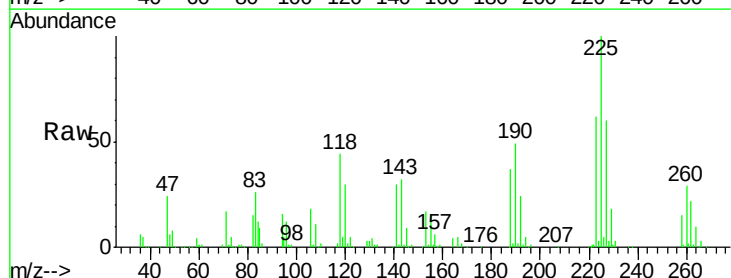


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

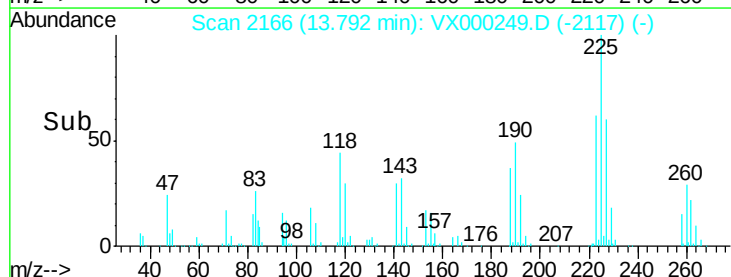
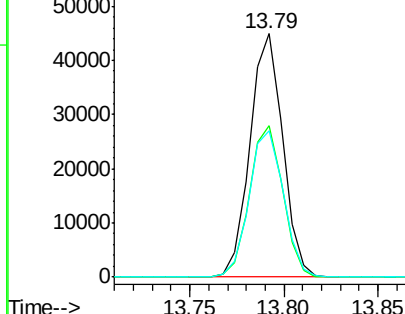


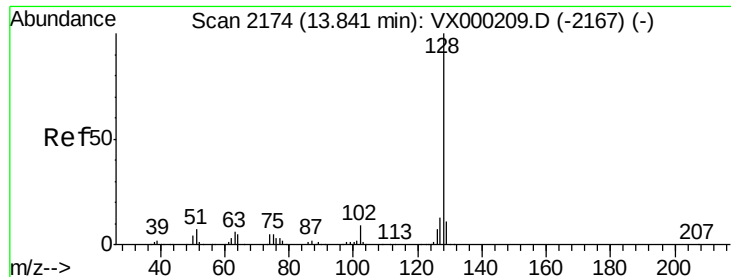
#94
Hexachlorobutadiene
Concen: 45.542 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.8	95.3
227	62.9	31.9	95.5



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





#95

Naphthalene

Concen: 48.735 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampled :

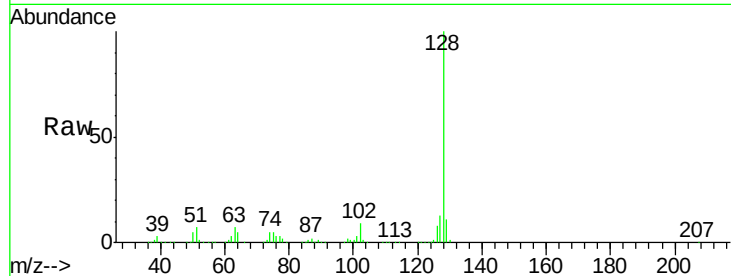
Tot Ion:128 Resp: 486113

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

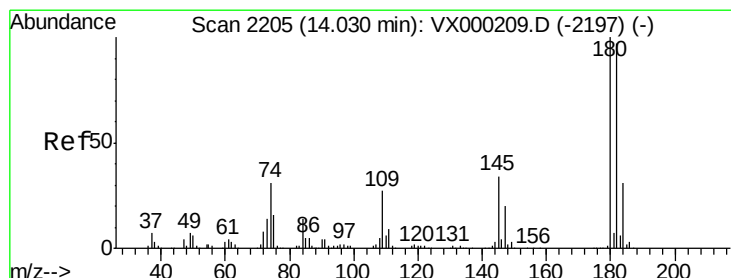
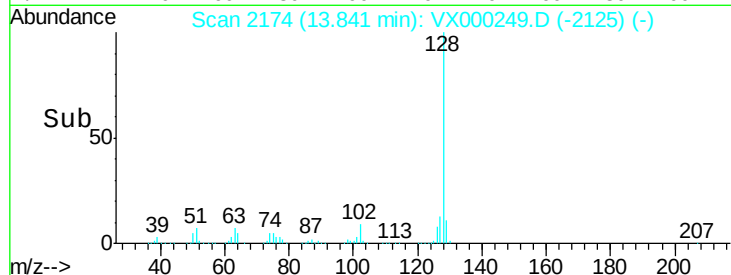
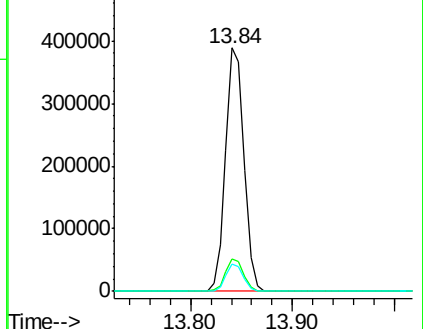
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.760 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

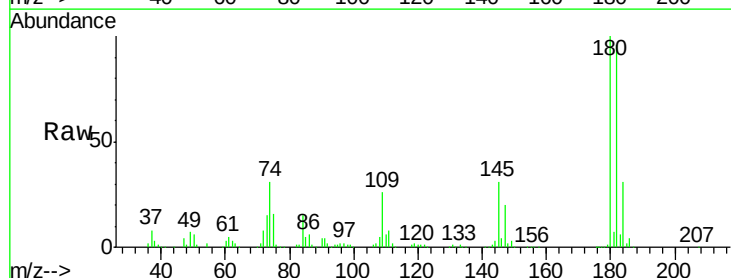
Tgt Ion:180 Resp: 129398

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.0

145 32.2 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

