

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000608.D
 Acq On : 31 Mar 2018 22:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 05:21:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	128005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	206089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	230974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	155067	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	86716	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
35) Dibromofluoromethane	5.51	113	69827	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
50) Toluene-d8	8.73	98	298807	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	
62) 4-Bromofluorobenzene	11.15	95	125669	54.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.26%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	53633	38.018	ug/l 91
3) Chloromethane	1.32	50	50978	34.301	ug/l 98
4) Vinyl Chloride	1.40	62	77569	49.395	ug/l 98
5) Bromomethane	1.64	94	88655	47.157	ug/l 98
6) Chloroethane	1.72	64	59121	61.441	ug/l 99
7) Trichlorofluoromethane	1.93	101	155579	54.889	ug/l 98
8) Diethyl Ether	2.19	74	55968	55.254	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85536	54.119	ug/l 98
10) Methyl Iodide	2.51	142	35576	25.051	ug/l 99
11) Tert butyl alcohol	3.09	59	157209	273.523	ug/l 99
12) 1,1-Dichloroethene	2.37	96	79927	57.607	ug/l 94
13) Acrolein	2.30	56	91860	485.951	ug/l 97
14) Allyl chloride	2.73	41	139974	57.135	ug/l 100
15) Acrylonitrile	3.16	53	324513	278.769	ug/l 100
16) Acetone	2.45	43	299270	215.303	ug/l 100
17) Carbon Disulfide	2.57	76	208216	56.413	ug/l 100
18) Methyl Acetate	2.78	43	157510	54.051	ug/l 99
19) Methyl tert-butyl Ether	3.21	73	293654	57.226	ug/l 97
20) Methylene Chloride	2.86	84	90265	56.224	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	92056	59.479	ug/l 98
22) Diisopropyl ether	3.88	45	197810	45.607	ug/l 98
23) Vinyl Acetate	3.84	43	927279	225.521	ug/l 99
24) 1,1-Dichloroethane	3.70	63	103811	38.069	ug/l 99
25) 2-Butanone	4.72	43	346119	221.534	ug/l 98
26) 2,2-Dichloropropane	4.59	77	76696	40.128	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	68450	47.321	ug/l 96
28) Bromochloromethane	5.03	49	61007	54.253	ug/l 99
29) Tetrahydrofuran	5.18	42	232017	241.364	ug/l 99
30) Chloroform	5.22	83	132857	51.985	ug/l 94
31) Cyclohexane	5.58	56	103248	48.977	ug/l 97
32) 1,1,1-Trichloroethane	5.51	97	116191	50.397	ug/l 98
36) 1,1-Dichloropropene	5.81	75	96013	49.736	ug/l 99
37) Ethyl Acetate	4.87	43	127074	48.190	ug/l 99
38) Carbon Tetrachloride	5.79	117	102204	50.465	ug/l 98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	113848	48.493	ug/l	97
40) Benzene	6.15	78	290601	51.837	ug/l	99
41) Methacrylonitrile	5.08	41	66692	47.973	ug/l	98
42) 1,2-Dichloroethane	6.21	62	114022	51.838	ug/l	99
43) Isopropyl Acetate	6.48	43	197641	50.352	ug/l	100
44) Trichloroethene	7.23	130	81619	50.819	ug/l	94
45) 1,2-Dichloropropane	7.53	63	74127	51.657	ug/l	98
46) Dibromomethane	7.67	93	56833	50.457	ug/l	98
47) Bromodichloromethane	7.91	83	107638	54.315	ug/l	99
48) Methyl methacrylate	7.79	41	99625	52.279	ug/l	100
49) 1,4-Dioxane	7.77	88	43346	1082.129	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	805435	265.098	ug/l	99
52) Toluene	8.79	92	216567	55.258	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	119609	52.085	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	123596	55.486	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	86148	53.452	ug/l	96
56) Ethyl methacrylate	9.19	69	134134	54.923	ug/l	98
57) 1,3-Dichloropropane	9.38	76	140476	54.494	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	306081	261.132	ug/l	99
59) 2-Hexanone	9.51	43	676788	262.338	ug/l	99
60) Dibromochloromethane	9.59	129	96358	50.478	ug/l	99
61) 1,2-Dibromoethane	9.68	107	100476	58.134	ug/l	98
64) Tetrachloroethene	9.34	164	84254	47.007	ug/l	97
65) Chlorobenzene	10.15	112	256851	49.969	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	88597	50.751	ug/l	99
67) Ethyl Benzene	10.26	91	443151	50.857	ug/l	98
68) m/p-Xylenes	10.37	106	367430	107.160	ug/l	96
69) o-Xylene	10.71	106	175408	52.835	ug/l	99
70) Styrene	10.72	104	305744	55.659	ug/l	96
71) Bromoform	10.87	173	79526	44.317	ug/l #	97
73) Isopropylbenzene	11.02	105	487464	47.446	ug/l	99
74) N-amyl acetate	6.48	43	197641	43.719	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	171341	47.150	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	191686	57.519	ug/l	83
77) Bromobenzene	11.26	156	124537	45.501	ug/l	98
78) n-propylbenzene	11.37	91	578670	47.235	ug/l	100
79) 2-Chlorotoluene	11.43	91	325786	46.033	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	420757	48.705	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	45885	44.577	ug/l	98
82) 4-Chlorotoluene	11.52	91	405505	47.987	ug/l	97
83) tert-Butylbenzene	11.78	119	414860	47.616	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	438605	48.425	ug/l	100
85) sec-Butylbenzene	11.96	105	518481	48.094	ug/l	100
86) p-Isopropyltoluene	12.07	119	471372	49.233	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	251578	48.613	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	263310	48.463	ug/l	98
89) n-Butylbenzene	12.40	91	431301	48.382	ug/l	99
90) Hexachloroethane	12.60	117	71893	47.706	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	251585	49.587	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	46991	46.366	ug/l	98

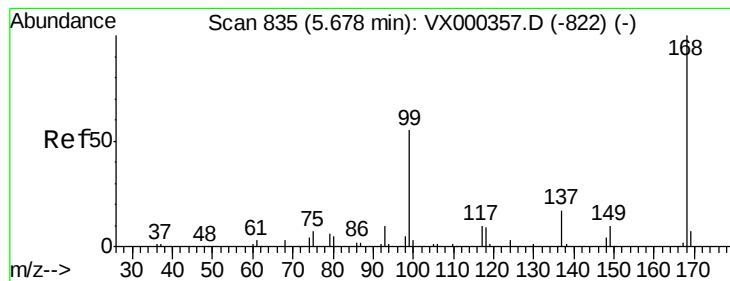
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	176069	48.406	ug/l	99
94) Hexachlorobutadiene	13.79	225	67598	44.885	ug/l	97
95) Naphthalene	13.84	128	631494	49.840	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	174241	48.480	ug/l	99

(#) = 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: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

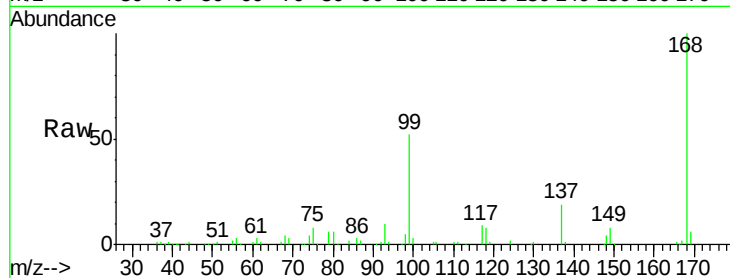
ClientSampleId :

Tot Ion:168 Resp: 128005

Ion Ratio Lower Upper

168 100

99 52.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

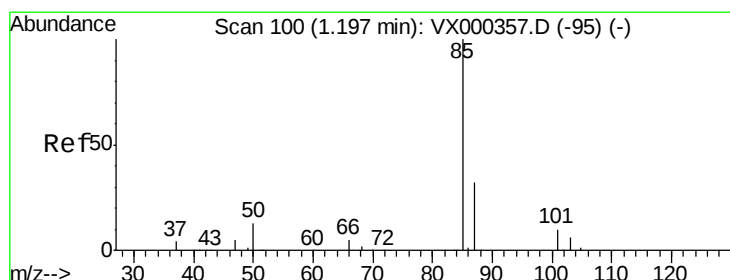
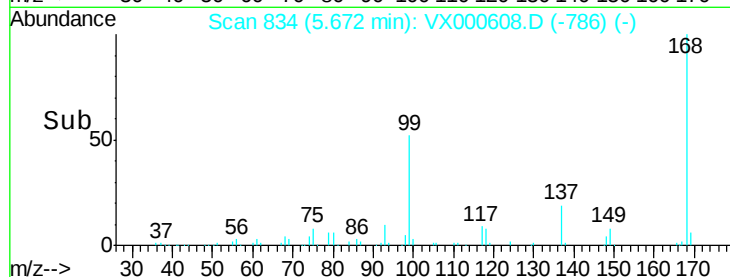
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 38.018 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000608.D

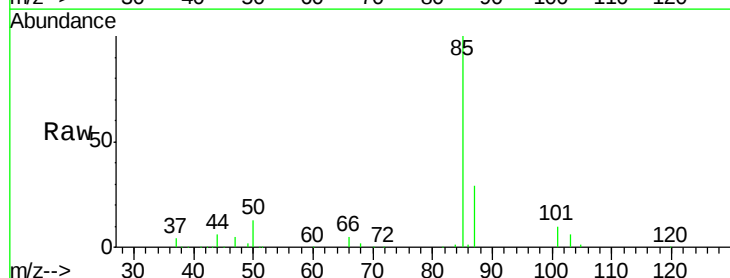
Acq: 31 Mar 2018 22:06

Tgt Ion: 85 Resp: 53633

Ion Ratio Lower Upper

85 100

87 28.6 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

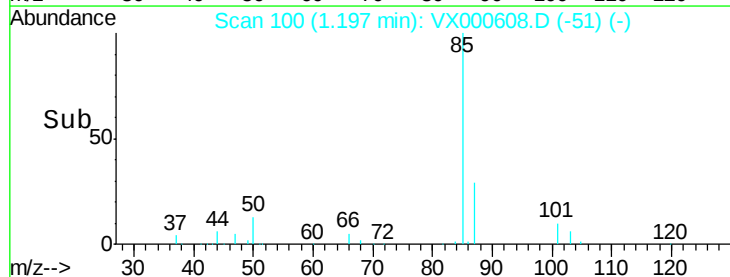
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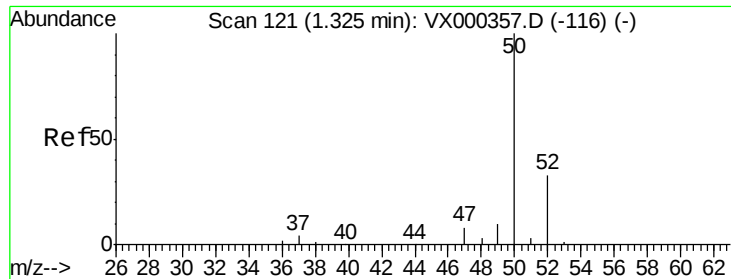
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 34.301 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

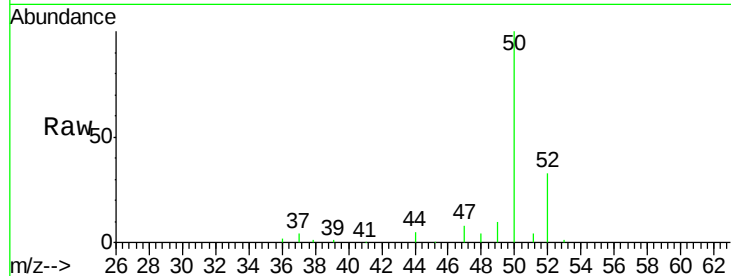
ClientSampled :

Tot Ion: 50 Resp: 50978

Ion Ratio Lower Upper

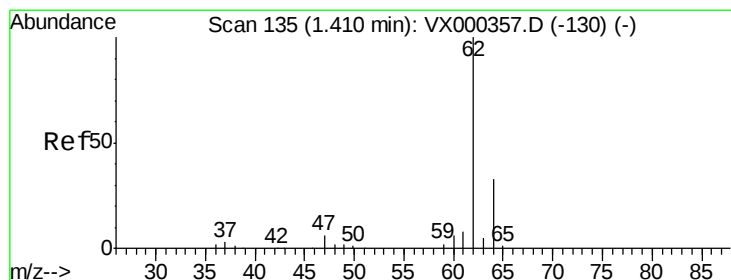
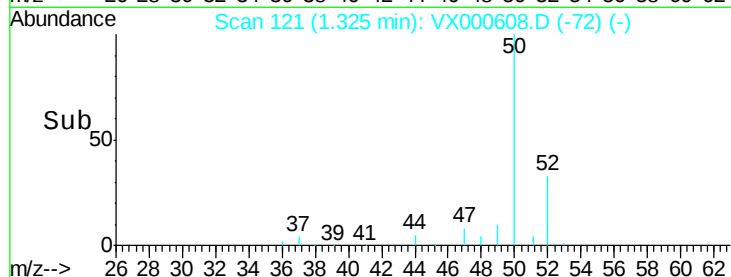
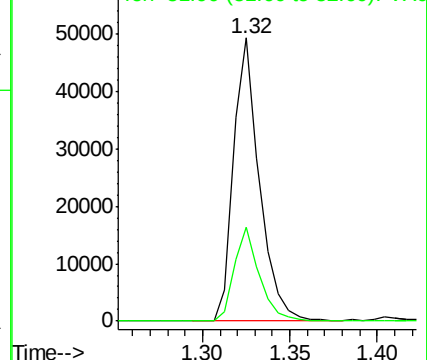
50 100

52 33.2 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.395 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000608.D

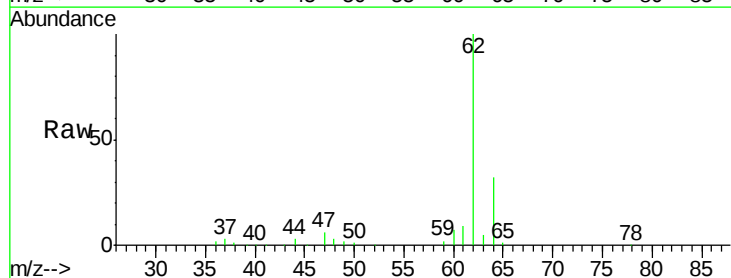
Acq: 31 Mar 2018 22:06

Tgt Ion: 62 Resp: 77569

Ion Ratio Lower Upper

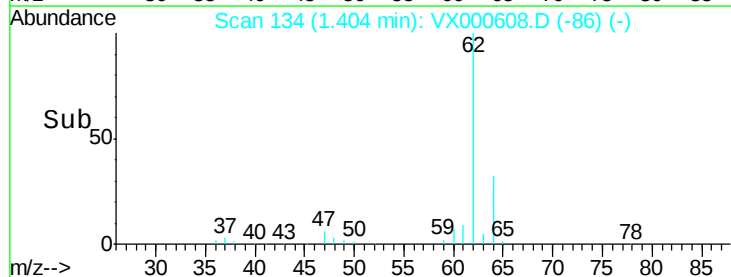
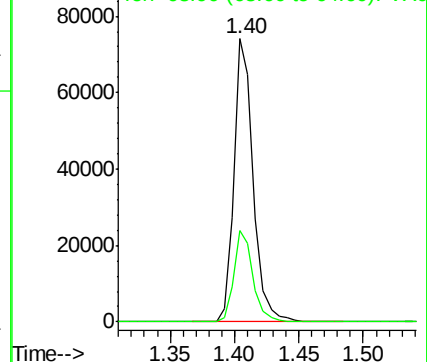
62 100

64 32.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.157 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

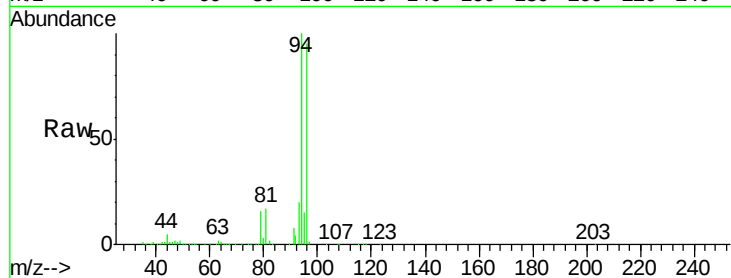
ClientSampled :

Tot Ion: 94 Resp: 88655

Ion Ratio Lower Upper

94 100

96 95.3 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

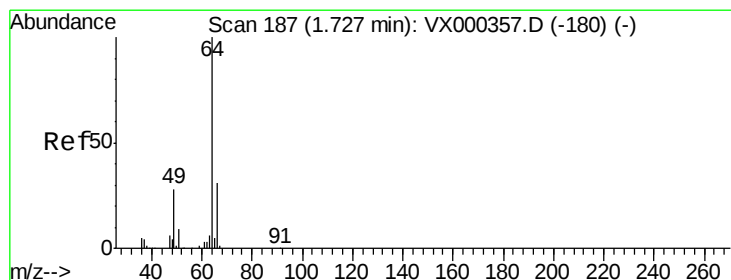
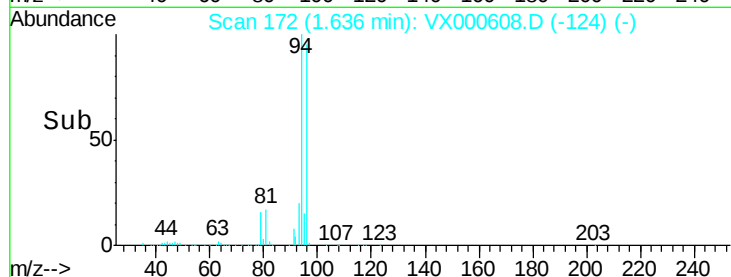
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 61.441 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000608.D

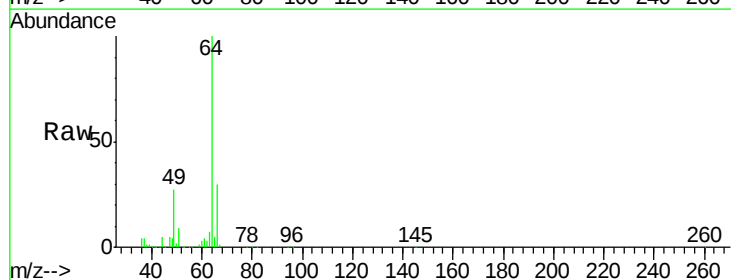
Acq: 31 Mar 2018 22:06

Tgt Ion: 64 Resp: 59121

Ion Ratio Lower Upper

64 100

66 30.7 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

50000

40000

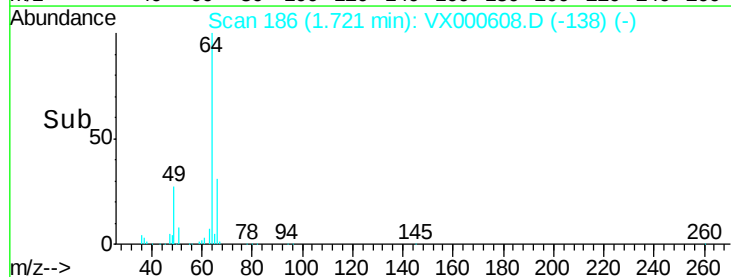
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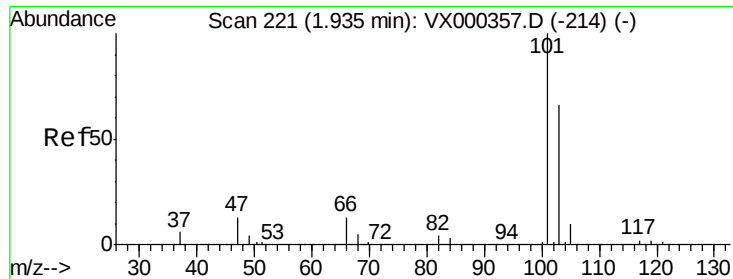
20000

10000

0

Time-->



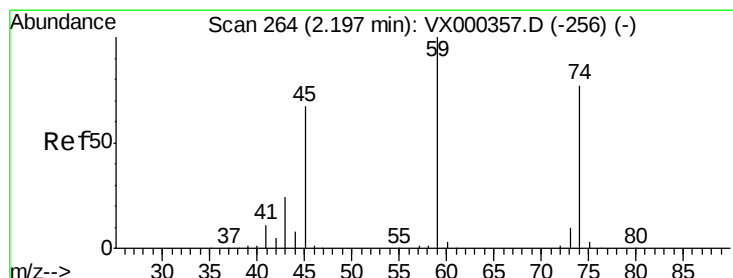
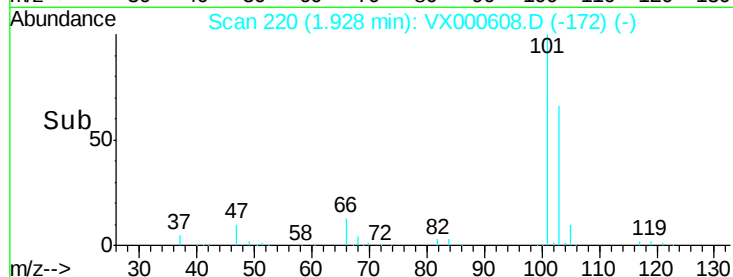
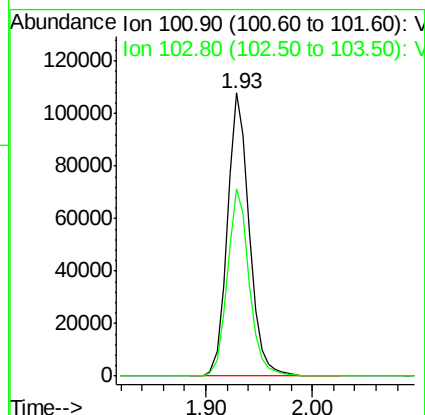
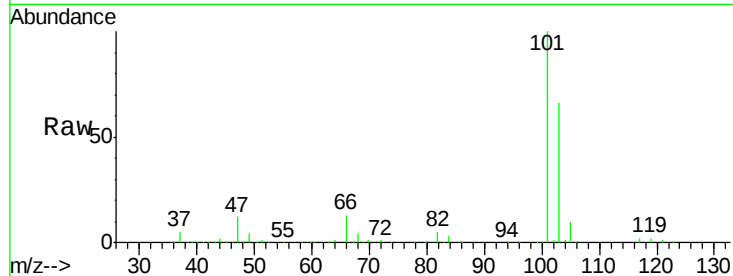


#7

Trichlorofluoromethane
Concen: 54.889 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Instrument :
MSVOA_X
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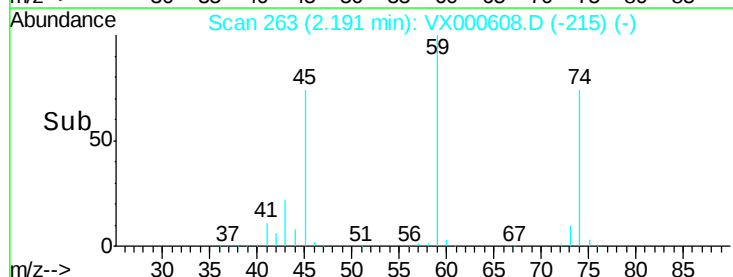
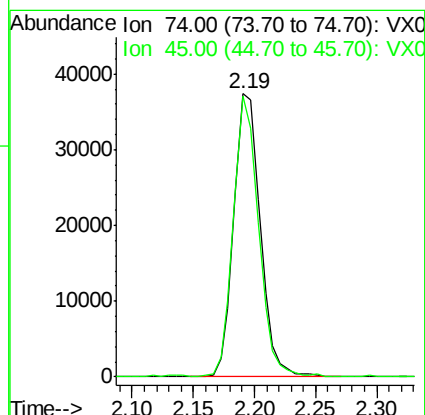
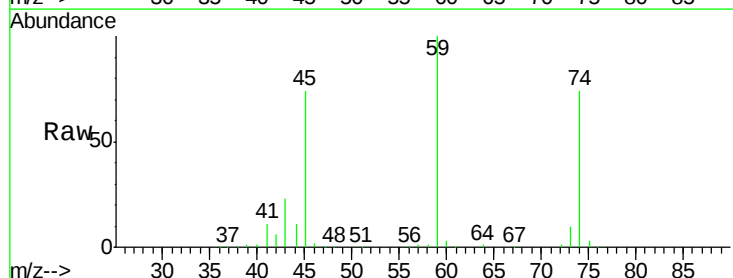
Tot Ion:101 Resp: 155579
Ion Ratio Lower Upper
101 100
103 66.1 51.6 77.4

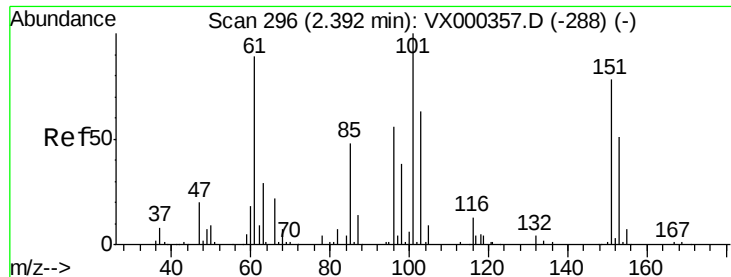


#8

Diethyl Ether
Concen: 55.254 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Tgt Ion: 74 Resp: 55968
Ion Ratio Lower Upper
74 100
45 93.5 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.119 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

ClientSampleId :

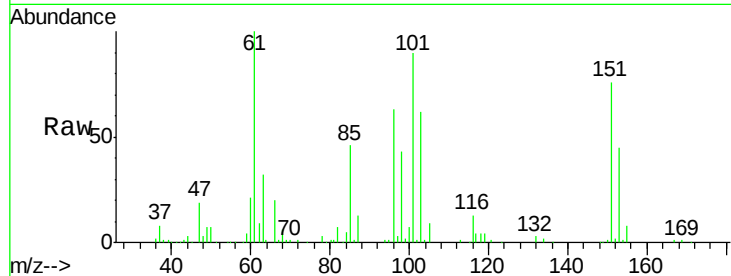
Tot Ion:101 Resp: 85536

Ion Ratio Lower Upper

101 100

85 49.5 37.6 56.4

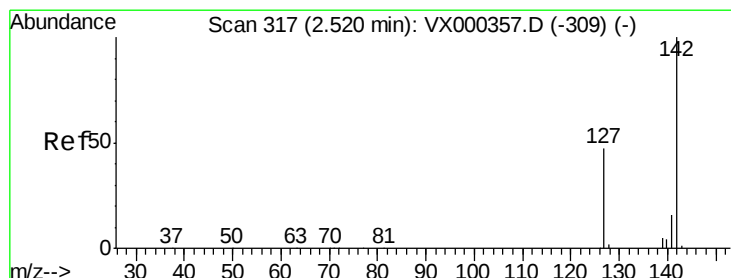
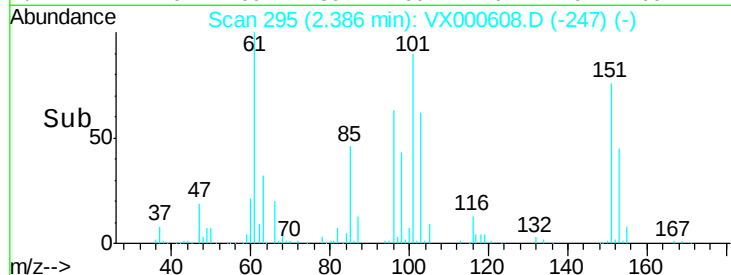
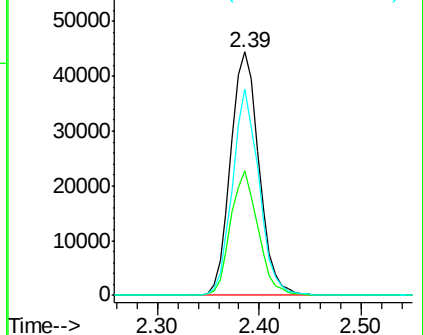
151 79.5 62.6 93.8



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: 25.051 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

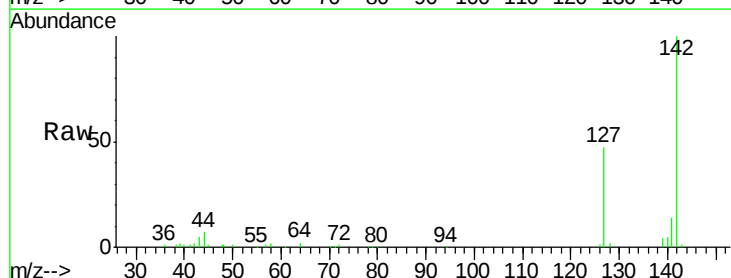
Tgt Ion:142 Resp: 35576

Ion Ratio Lower Upper

142 100

127 48.2 39.2 58.8

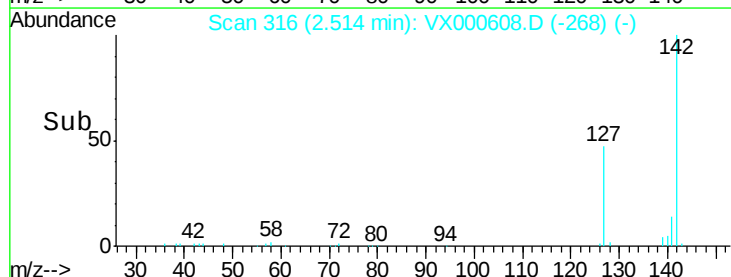
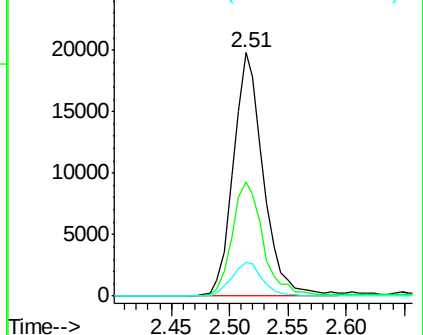
141 14.3 11.7 17.5

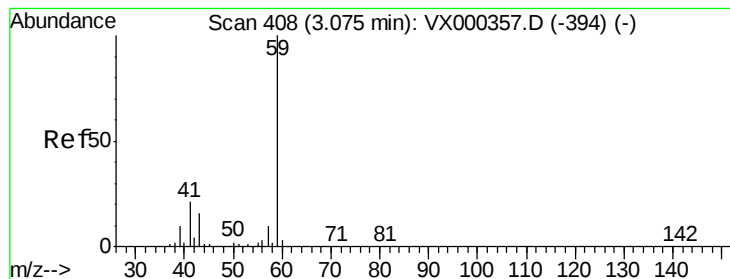


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



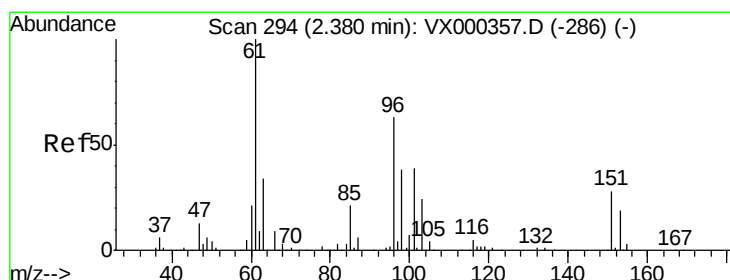
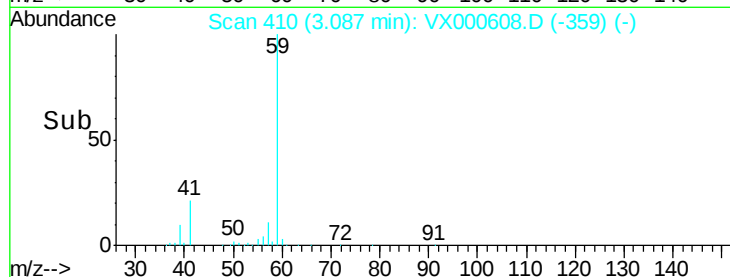
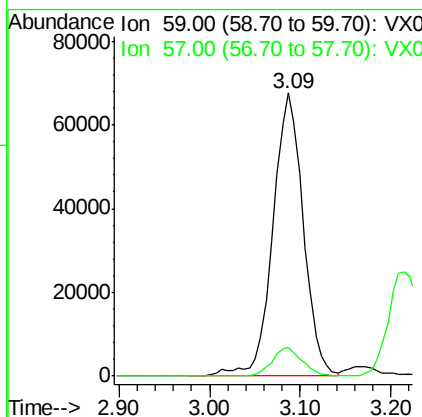
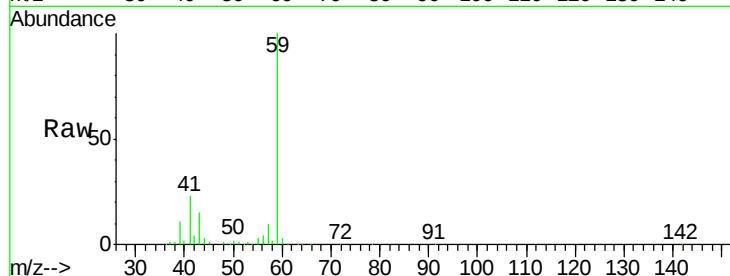


#11

Tert butyl alcohol
 Concen: 273.523 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX000608.D
 Acq: 31 Mar 2018 22:06

Instrument :
 MSVOA_X
 ClientSampleId :

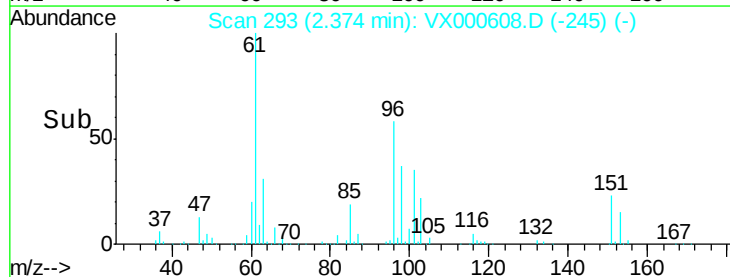
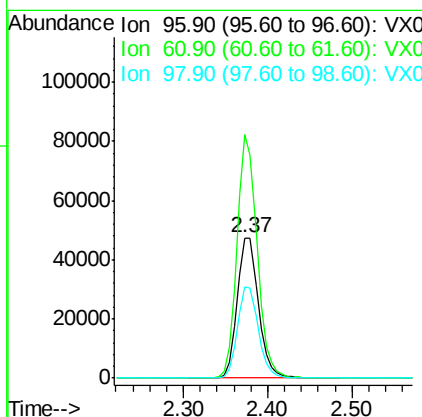
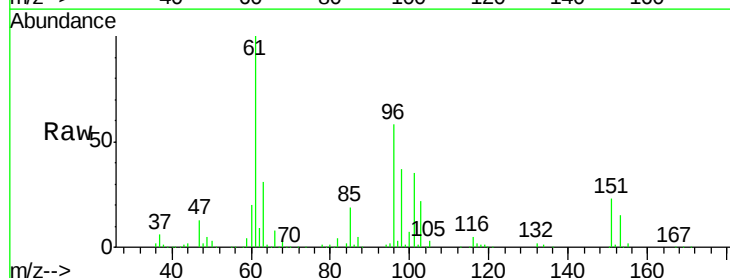
Tot Ion: 59 Resp: 157209
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.4 12.6

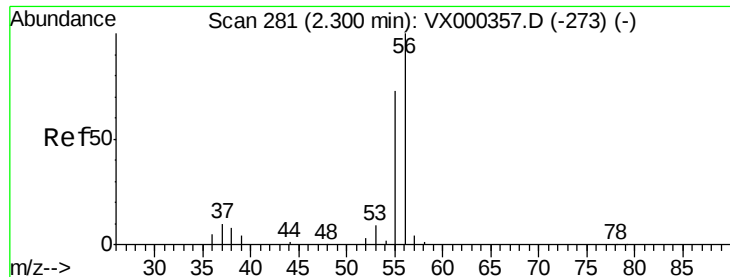


#12

1,1-Dichloroethene
 Concen: 57.607 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VX000608.D
 Acq: 31 Mar 2018 22:06

Tgt Ion: 96 Resp: 79927
 Ion Ratio Lower Upper
 96 100
 61 173.3 131.2 196.8
 98 64.6 49.8 74.8





#13

Acrolein

Concen: 485.951 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

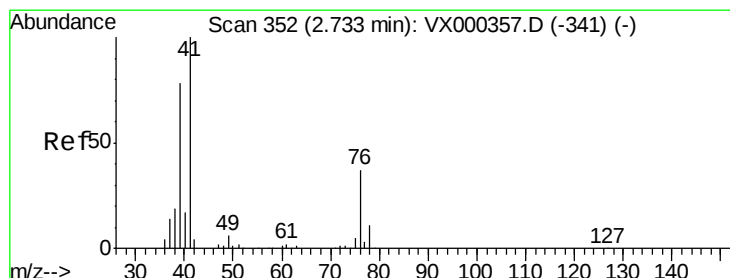
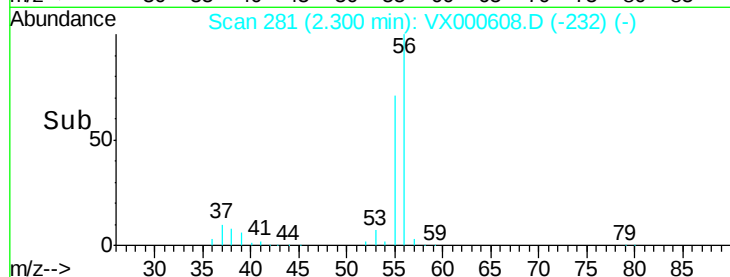
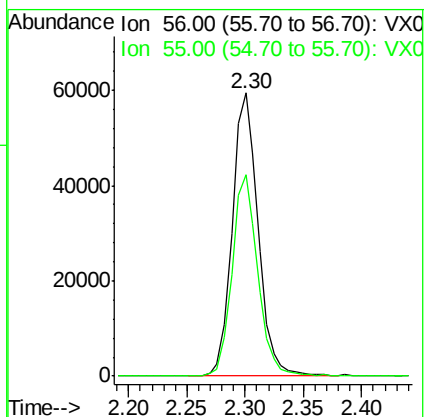
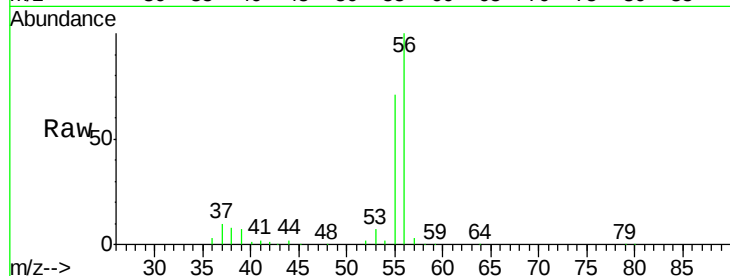
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 91860

Ion Ratio Lower Upper

56 100

55 71.1 58.8 88.2



#14

Allyl chloride

Concen: 57.135 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

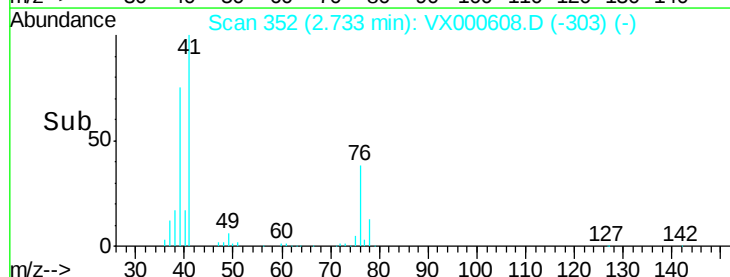
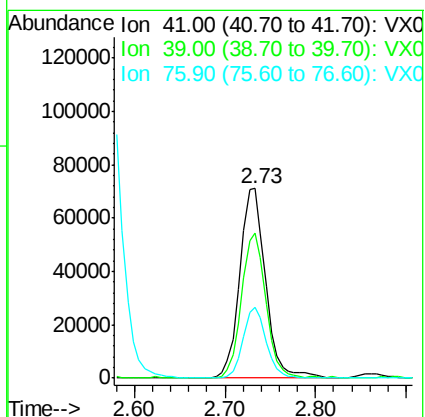
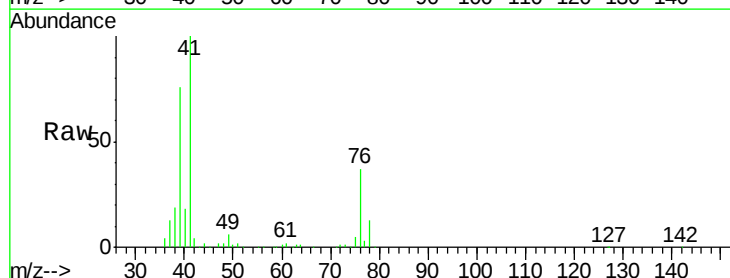
Tgt Ion: 41 Resp: 139974

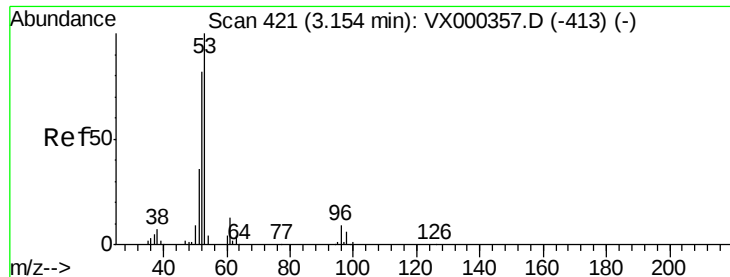
Ion Ratio Lower Upper

41 100

39 71.9 57.6 86.4

76 33.4 27.3 40.9





#15

Acrylonitrile

Concen: 278.769 ug/l

RT: 3.16 min Scan# 422

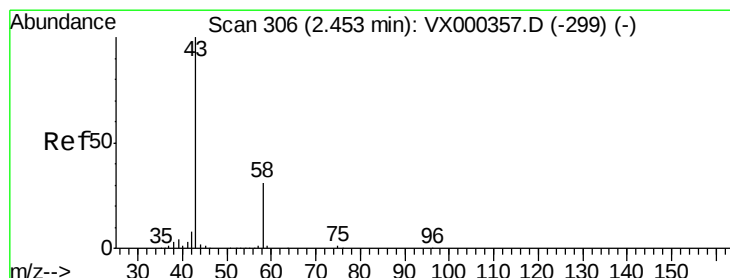
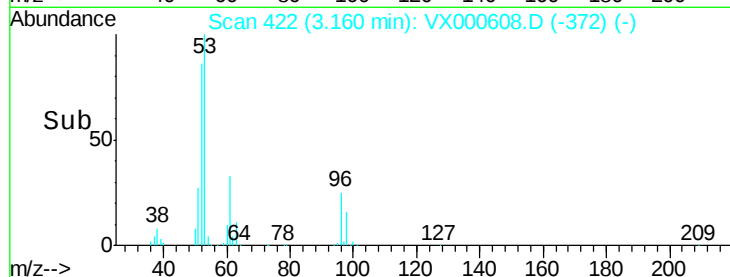
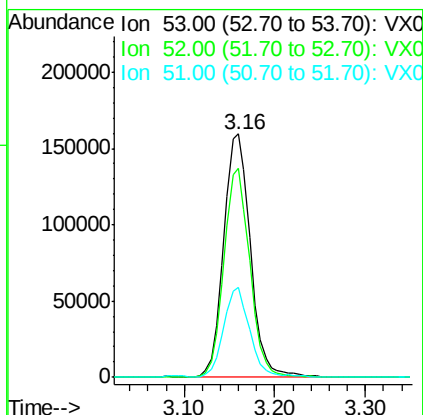
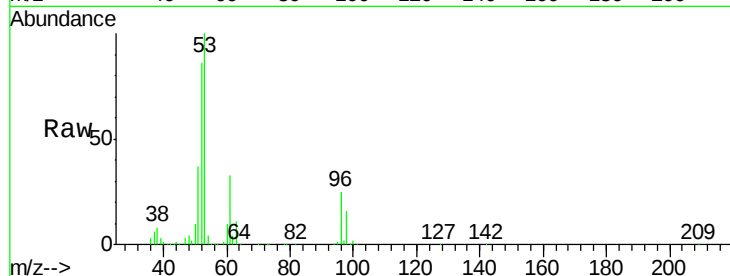
Delta R.T. 0.01 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	324513
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.6	99.8
51	36.6	29.3	43.9



#16

Acetone

Concen: 215.303 ug/l

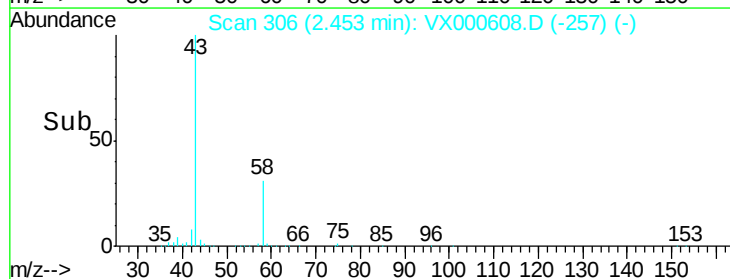
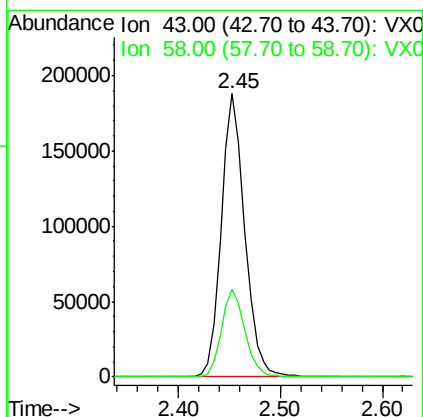
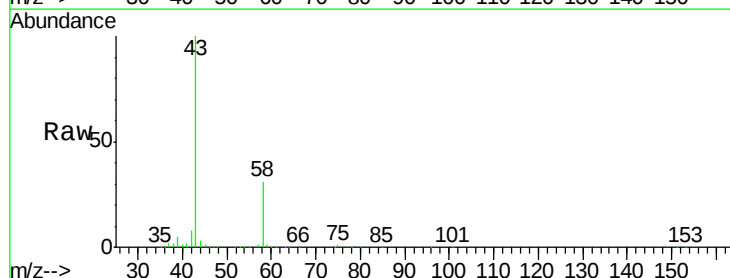
RT: 2.45 min Scan# 306

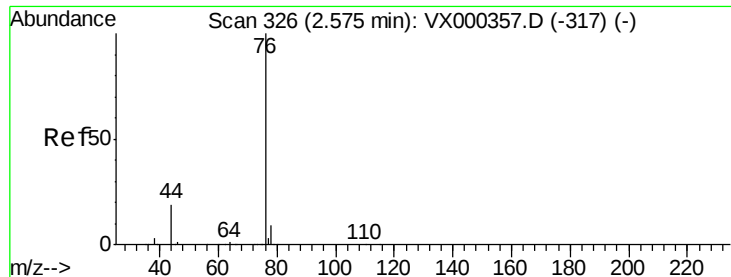
Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Tgt Ion:	43	Resp:	299270
Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.7	37.1

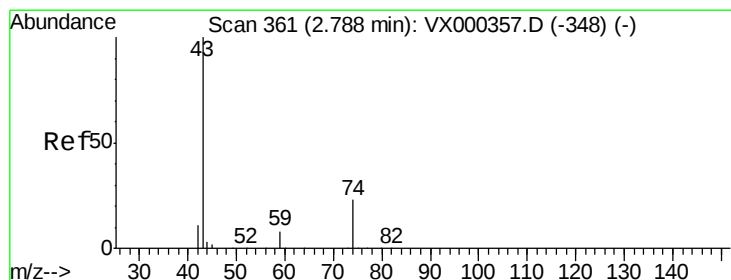
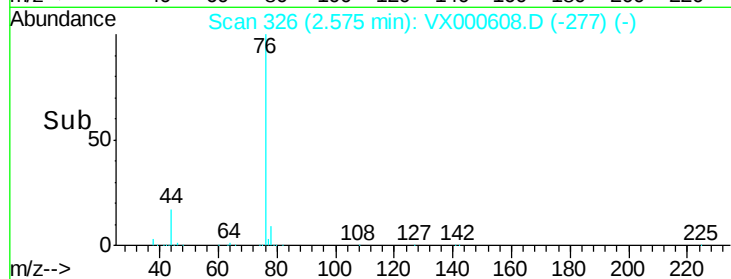
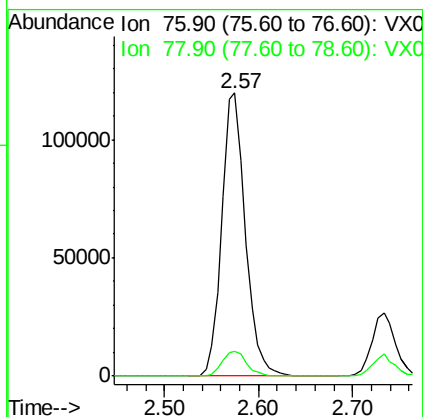
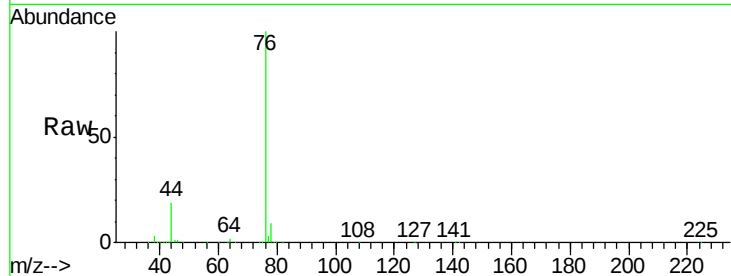




#17
Carbon Disulfide
Concen: 56.413 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

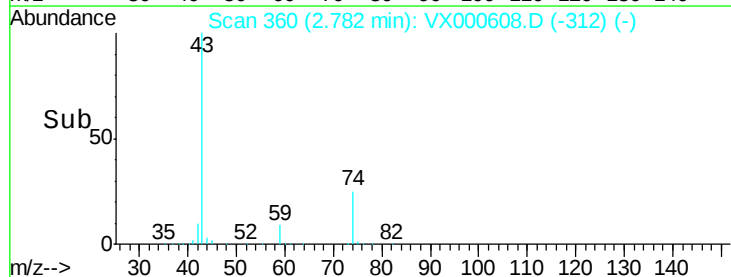
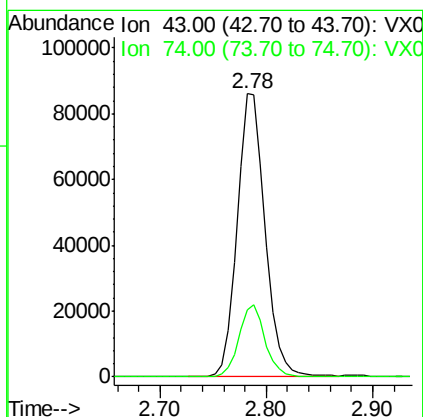
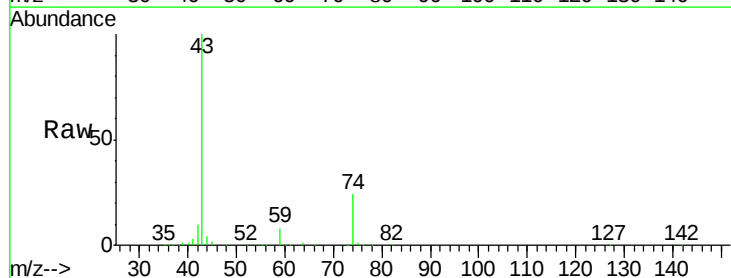
Instrument :
MSVOA_X
ClientSampled :

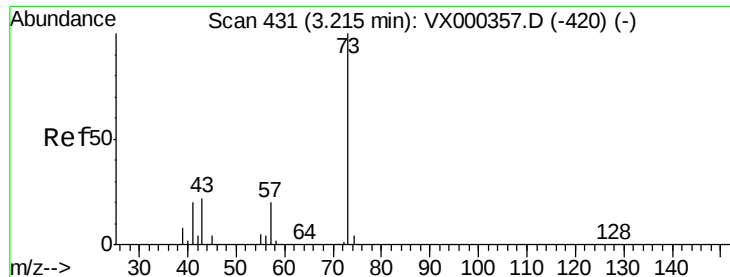
Tot Ion: 76 Resp: 208216
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 54.051 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Tgt Ion: 43 Resp: 157510
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2

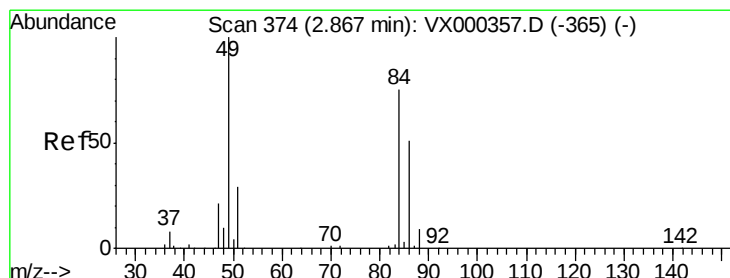
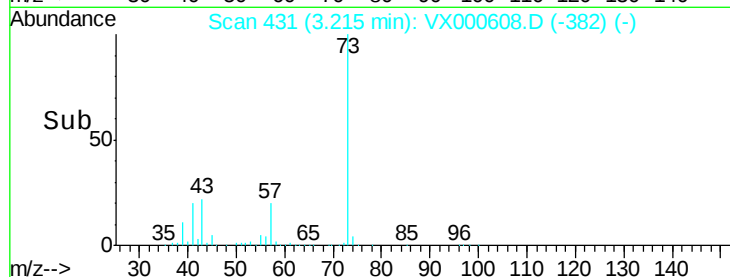
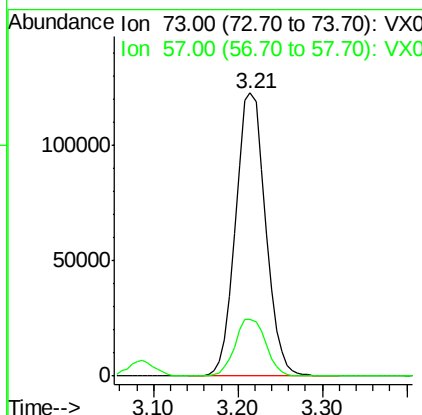
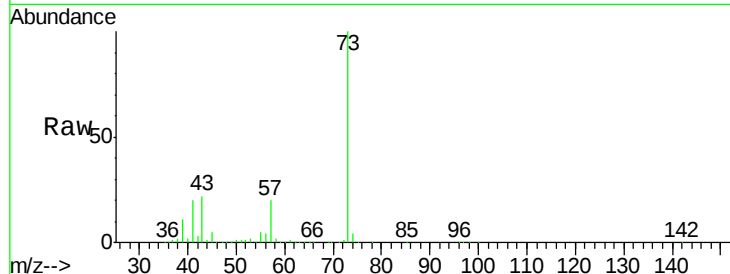




#19
Methyl tert-butyl Ether
Concen: 57.226 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

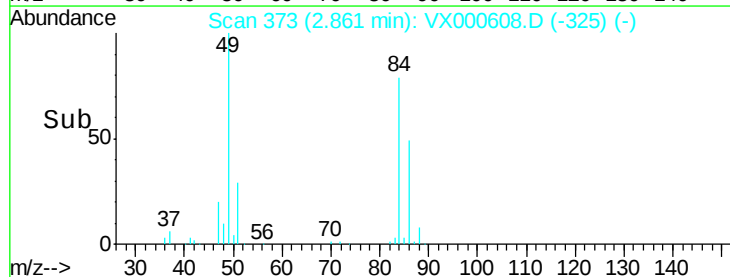
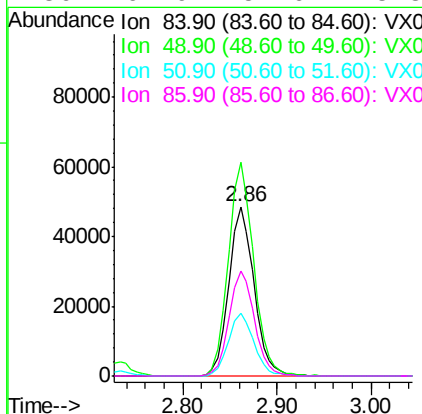
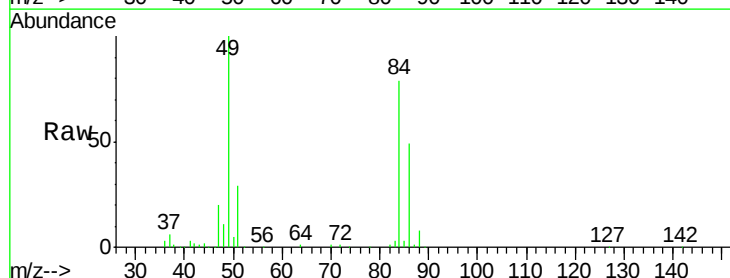
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 73 Resp: 293654
Ion Ratio Lower Upper
73 100
57 20.3 17.2 25.8



#20
Methylene Chloride
Concen: 56.224 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Tgt Ion: 84 Resp: 90265
Ion Ratio Lower Upper
84 100
49 126.0 100.6 151.0
51 36.8 31.6 47.4
86 61.9 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 59.479 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :
MSVOA_X
ClientSampleId :

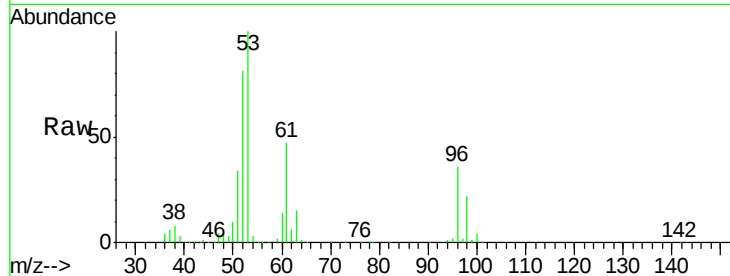
Tot Ion: 96 Resp: 92056

Ion Ratio Lower Upper

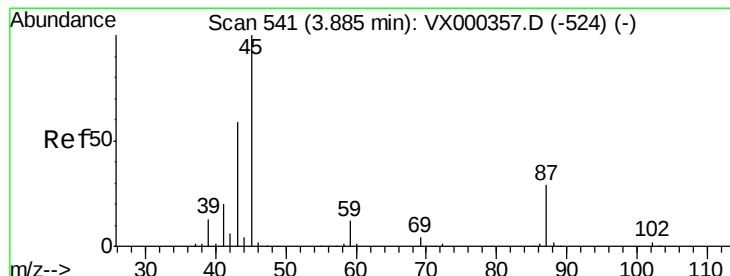
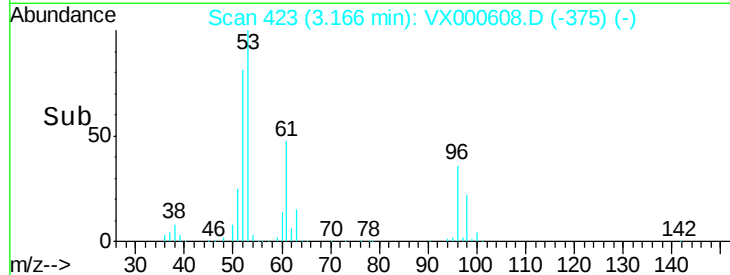
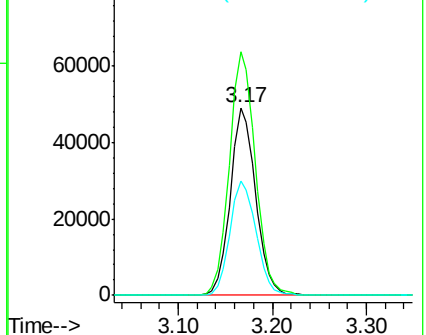
96 100

61 129.9 104.0 156.0

98 60.9 52.1 78.1



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: 45.607 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Tgt Ion: 45 Resp: 197810

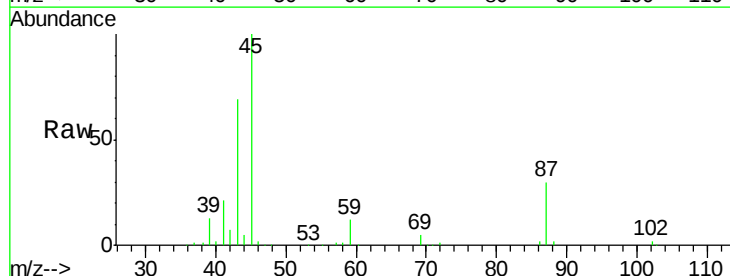
Ion Ratio Lower Upper

45 100

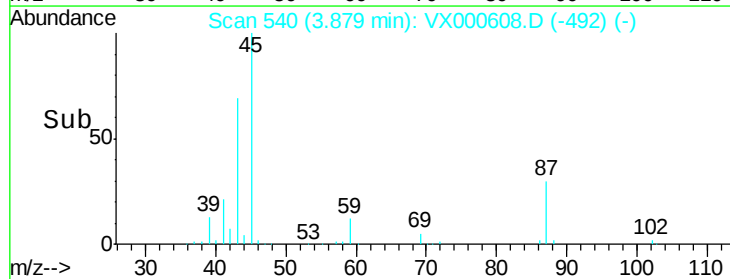
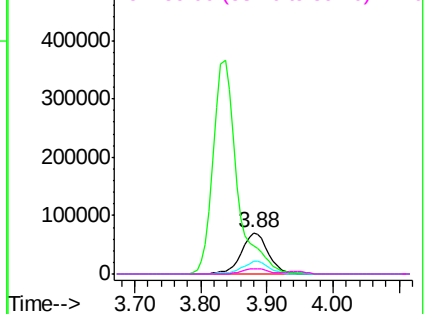
43 69.0 53.9 80.9

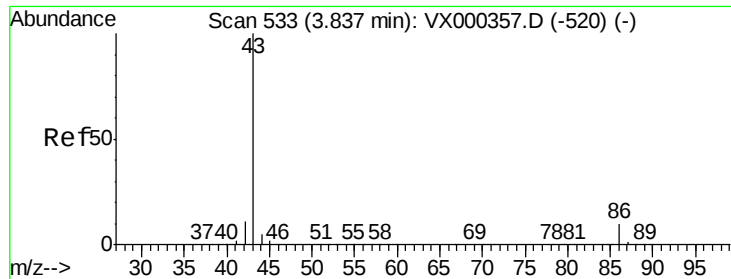
87 29.9 22.6 34.0

59 12.3 9.5 14.3



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: 225.521 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

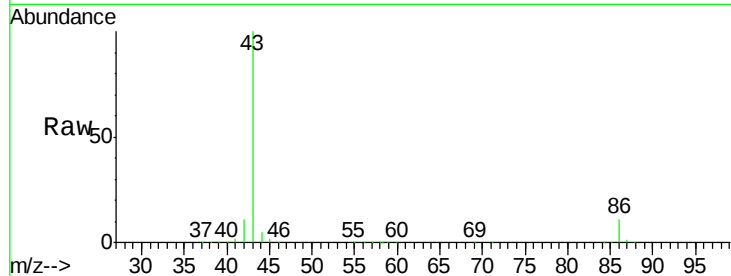
ClientSampled :

Tot Ion: 43 Resp: 927279

Ion Ratio Lower Upper

43 100

86 10.9 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

400000

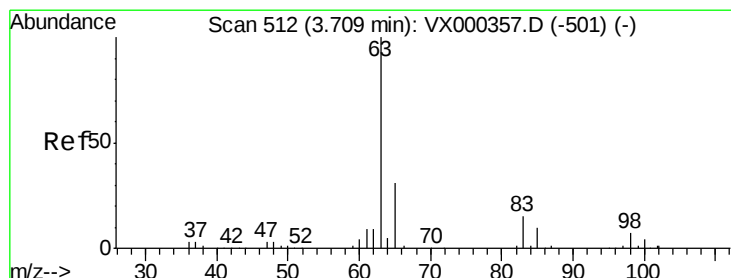
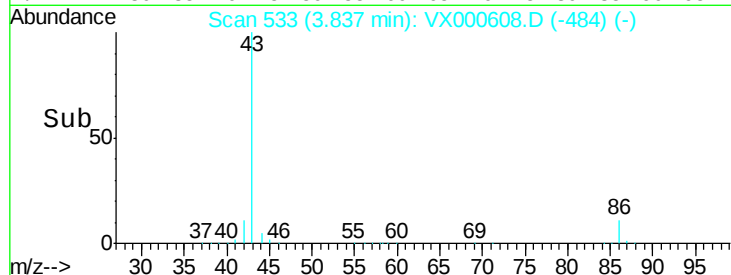
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 38.069 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

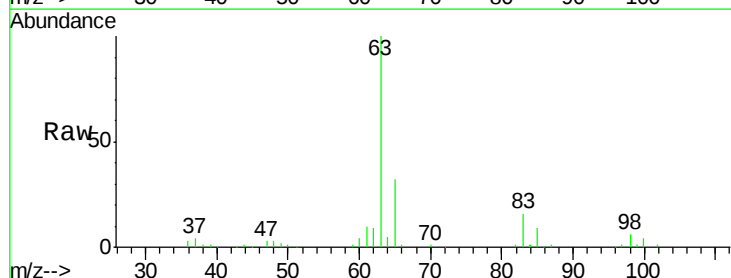
Tgt Ion: 63 Resp: 103811

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 4.1 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

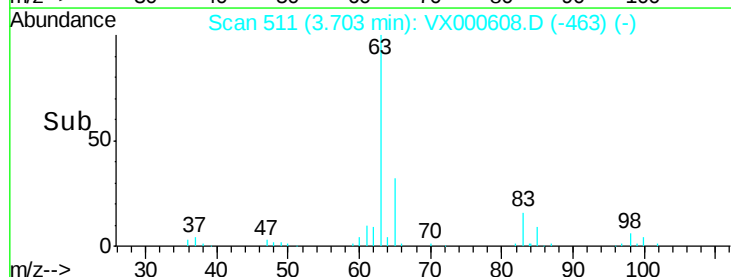
30000

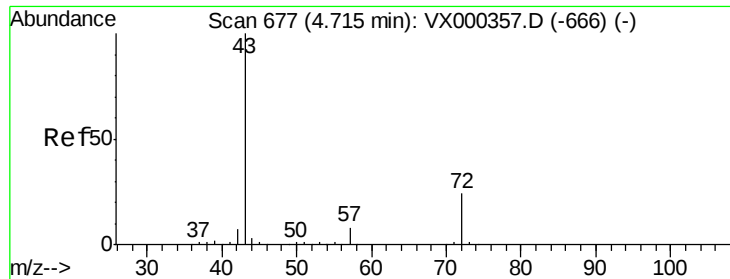
20000

10000

0

Time-->





#25

2-Butanone

Concen: 221.534 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

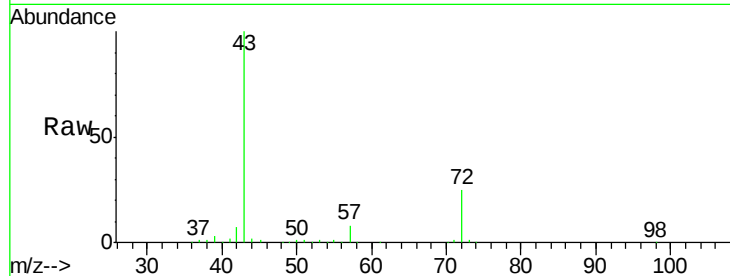
ClientSampled :

Tot Ion: 43 Resp: 346119

Ion Ratio Lower Upper

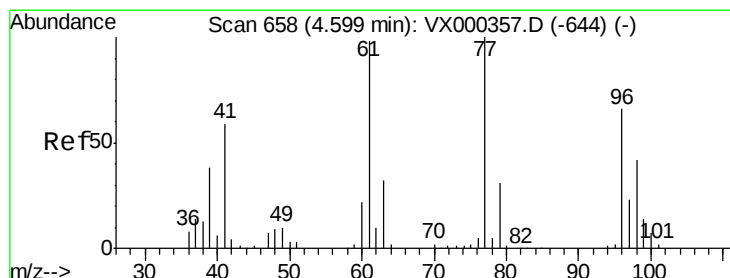
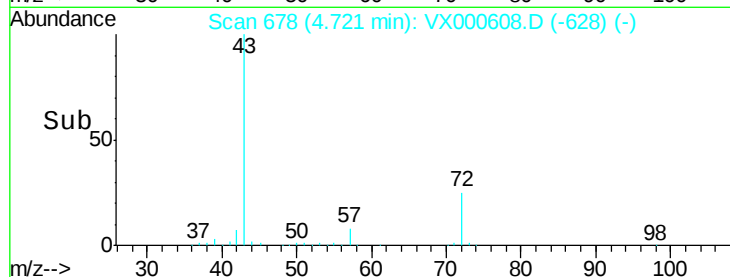
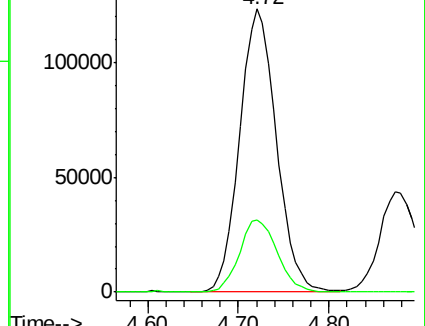
43 100

72 25.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.128 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000608.D

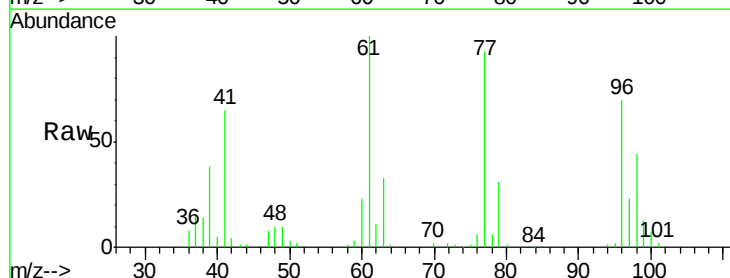
Acq: 31 Mar 2018 22:06

Tgt Ion: 77 Resp: 76696

Ion Ratio Lower Upper

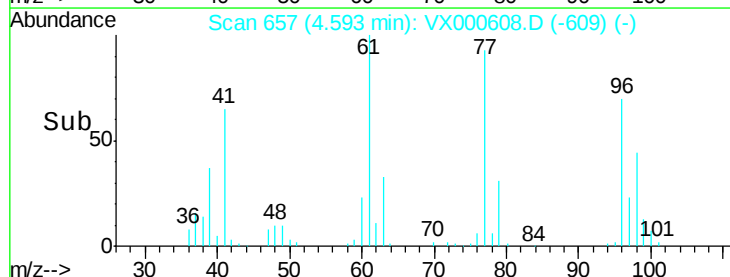
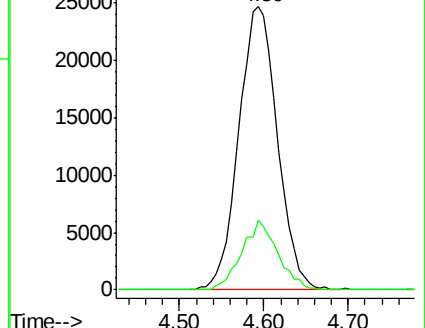
77 100

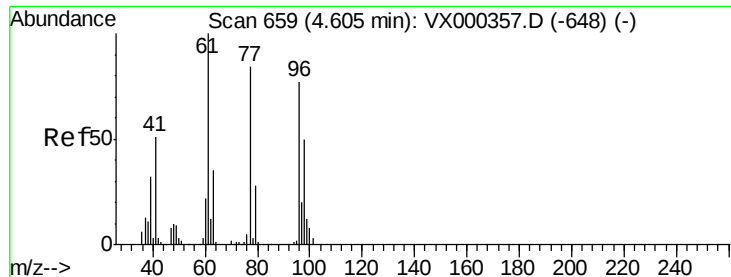
97 23.0 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



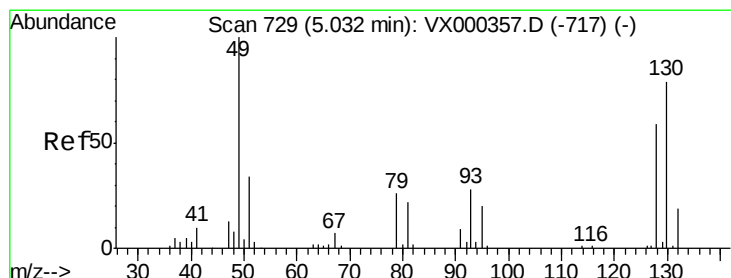
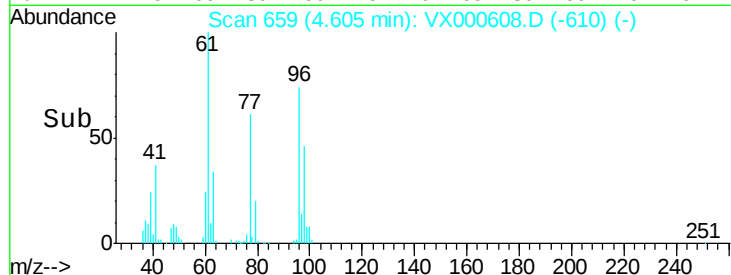
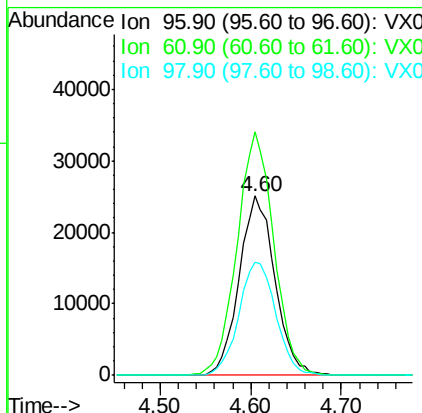
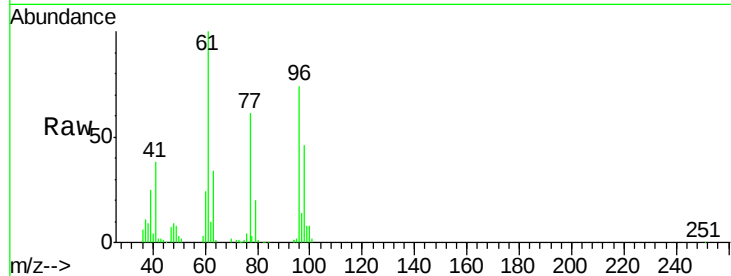


#27

cis-1,2-Dichloroethene
Concen: 47.321 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Instrument :
MSVOA_X
ClientSampleId :

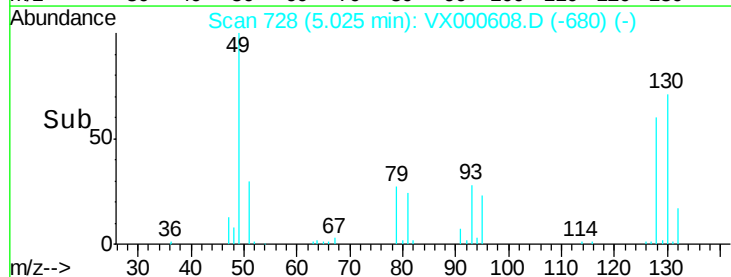
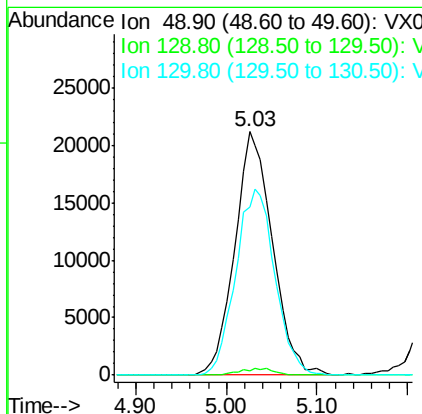
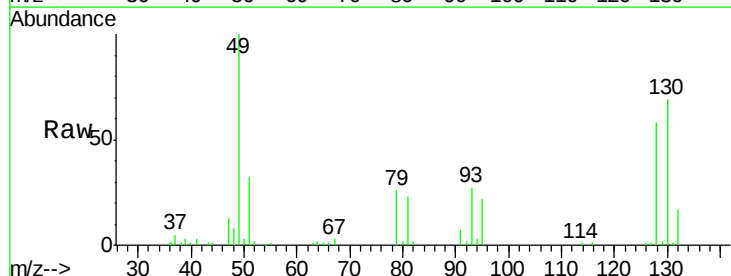
Tot Ion: 96 Resp: 68450
Ion Ratio Lower Upper
96 100
61 139.6 0.0 291.6
98 65.2 0.0 132.0

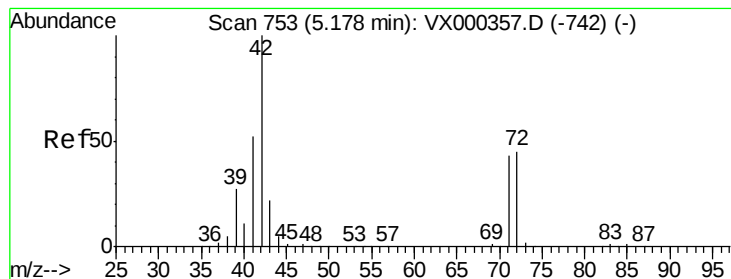


#28

Bromochloromethane
Concen: 54.253 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Tgt Ion: 49 Resp: 61007
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.0
130 79.2 64.0 96.0





#29

Tetrahydrofuran

Concen: 241.364 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :
MSVOA_X
ClientSampled :

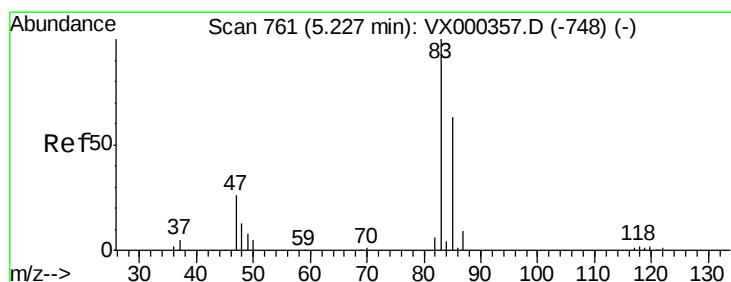
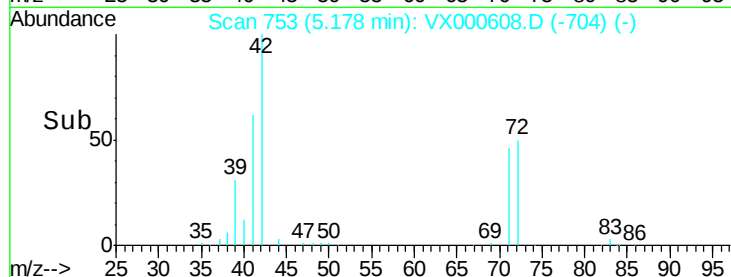
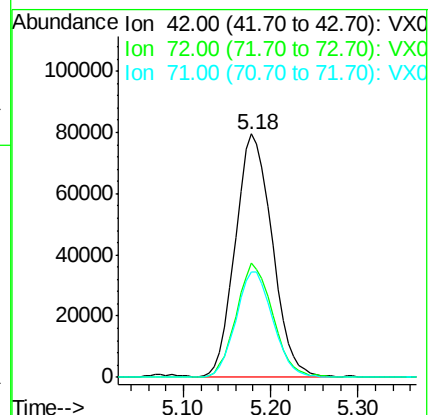
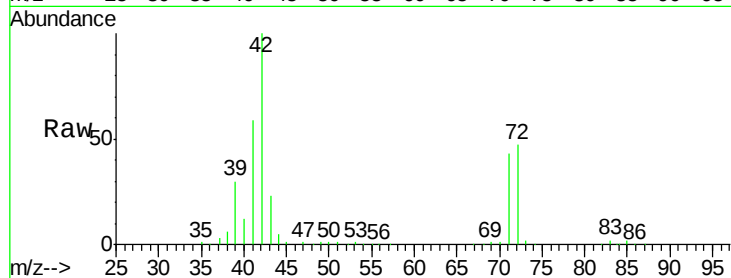
Tot Ion: 42 Resp: 232017

Ion Ratio Lower Upper

42 100

72 47.0 37.9 56.9

71 43.9 34.4 51.6



#30

Chloroform

Concen: 51.985 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX000608.D

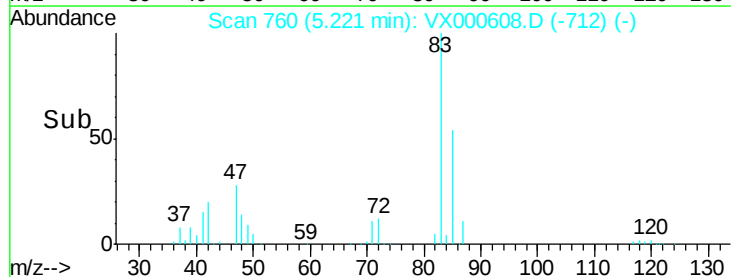
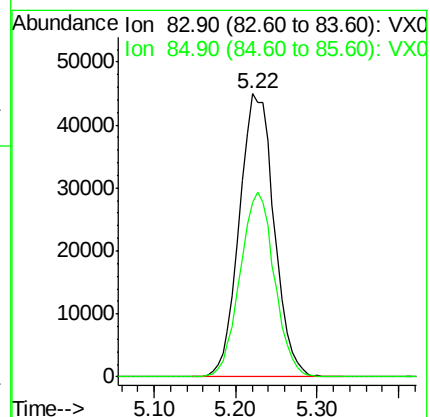
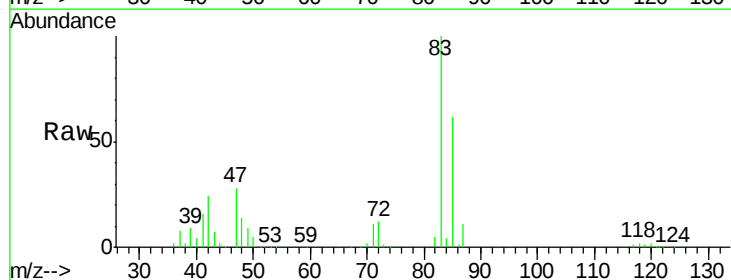
Acq: 31 Mar 2018 22:06

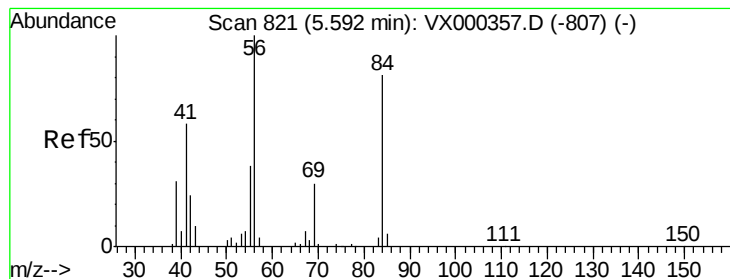
Tgt Ion: 83 Resp: 132857

Ion Ratio Lower Upper

83 100

85 61.9 53.3 79.9





#31

Cyclohexane

Concen: 48.977 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :
MSVOA_X
ClientSampleId :

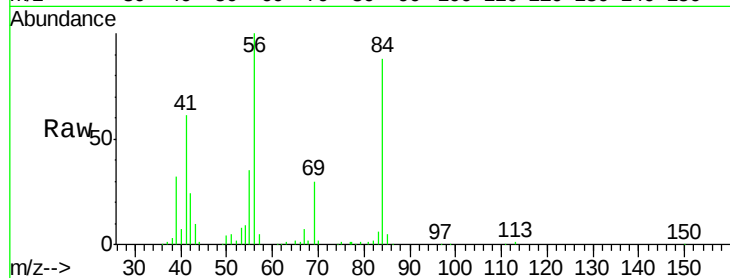
Tot Ion: 56 Resp: 103248

Ion Ratio Lower Upper

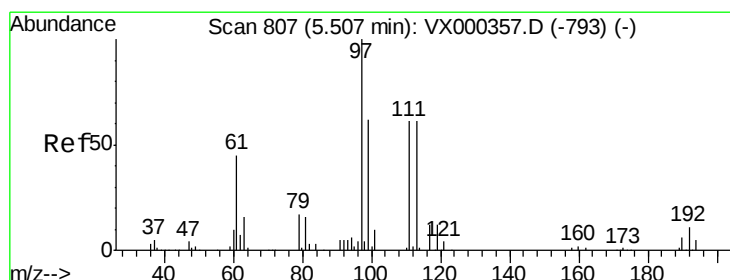
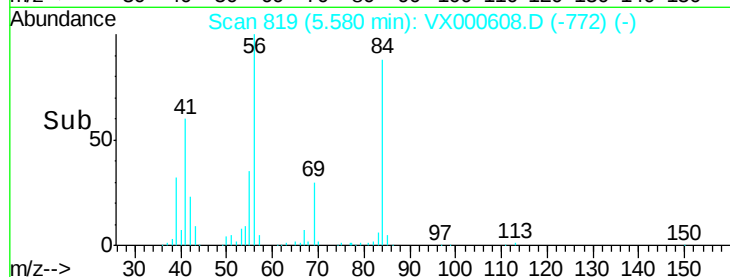
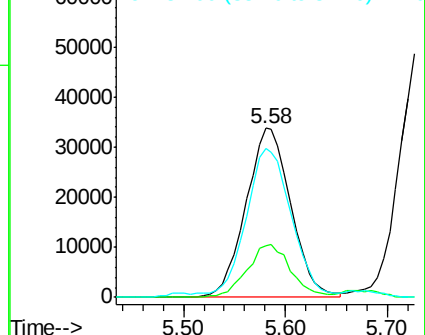
56 100

69 30.4 23.4 35.0

84 86.3 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.397 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

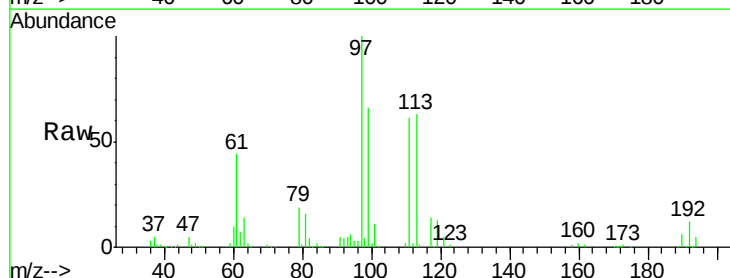
Tgt Ion: 97 Resp: 116191

Ion Ratio Lower Upper

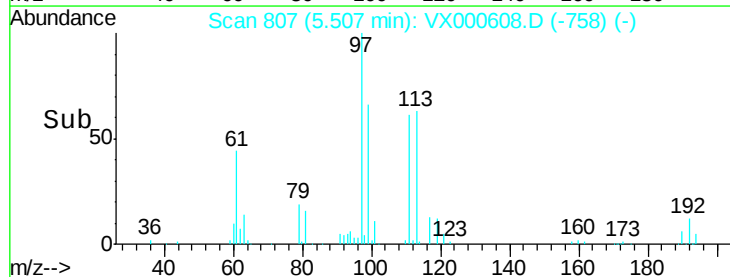
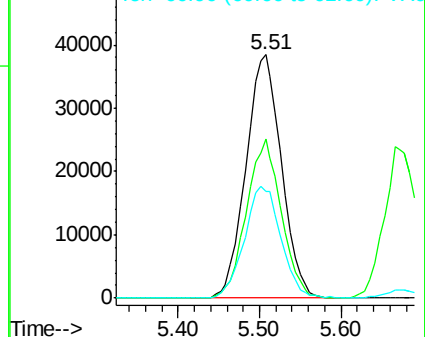
97 100

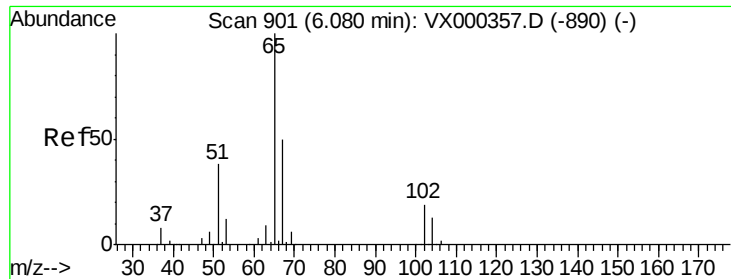
99 64.1 52.1 78.1

61 47.4 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

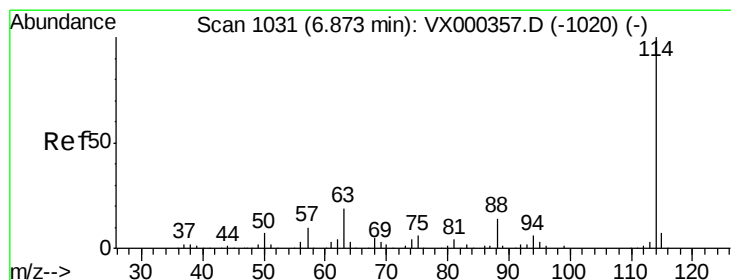
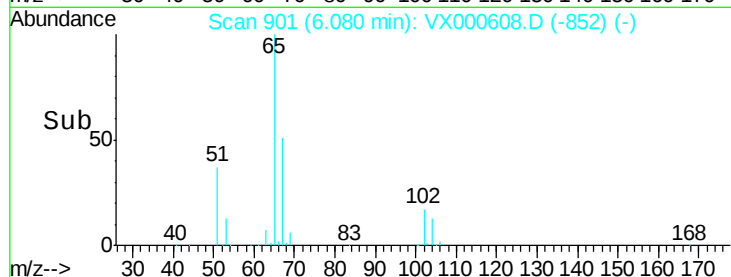
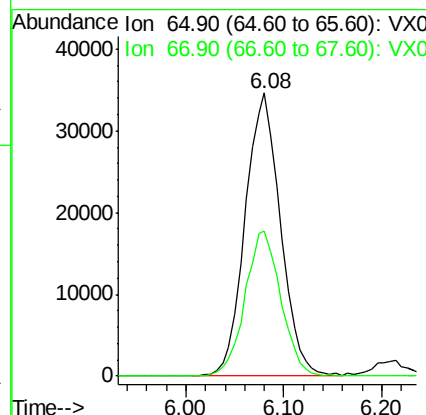
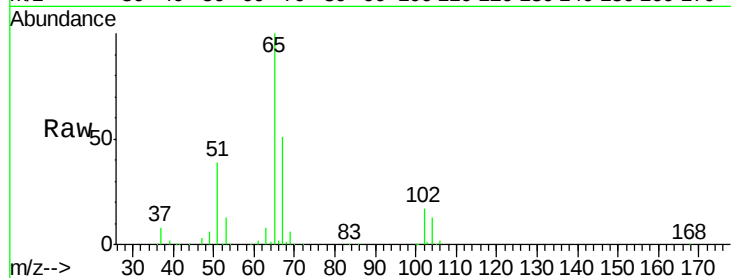




#33
 1,2-Dichloroethane-d4
 Concen: 51.897 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000608.D
 Acq: 31 Mar 2018 22:06

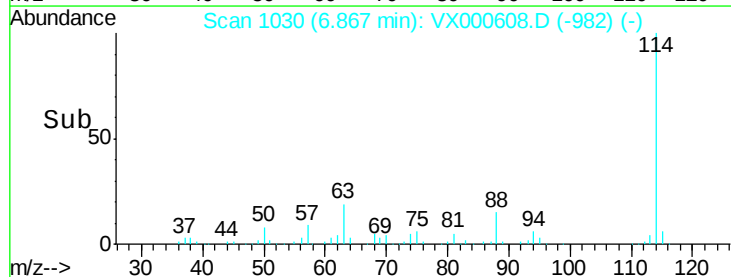
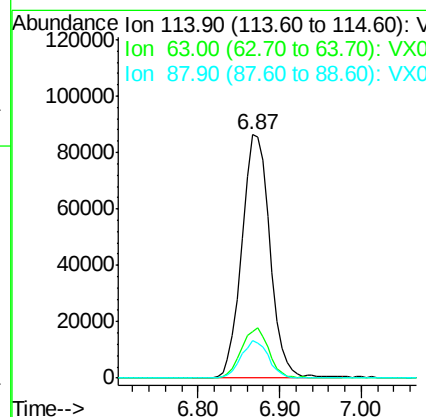
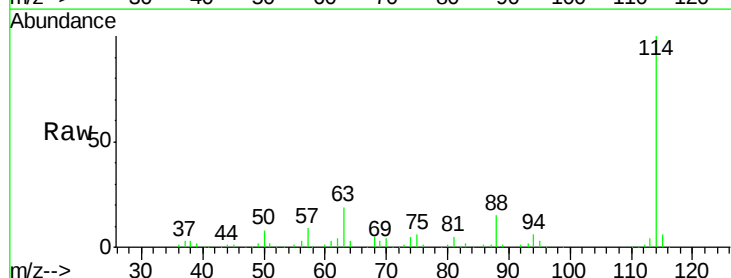
Instrument :
 MSVOA_X
 ClientSampleId :

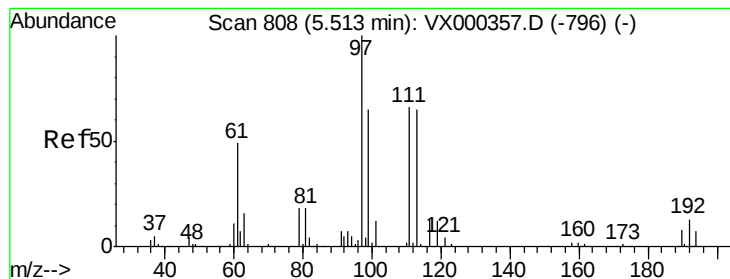
Tot Ion: 65 Resp: 86716
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000608.D
 Acq: 31 Mar 2018 22:06

Tgt Ion: 114 Resp: 206089
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 15.3 0.0 27.0





#35

Dibromofluoromethane

Concen: 53.773 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

ClientSampleId :

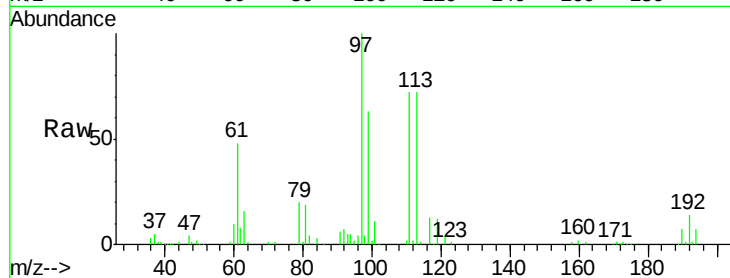
Tot Ion:113 Resp: 69827

Ion Ratio Lower Upper

113 100

111 99.9 82.4 123.6

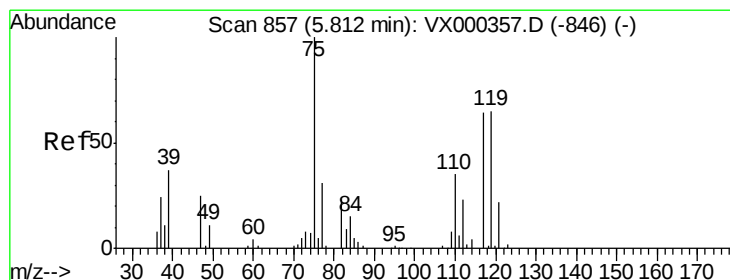
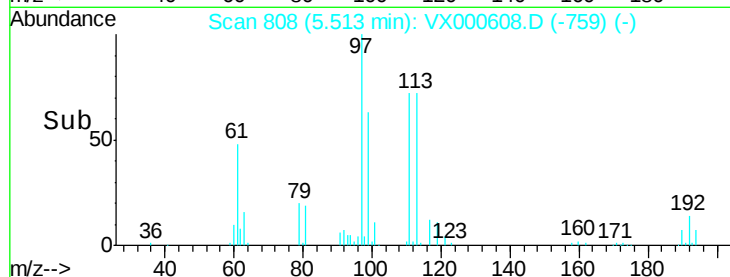
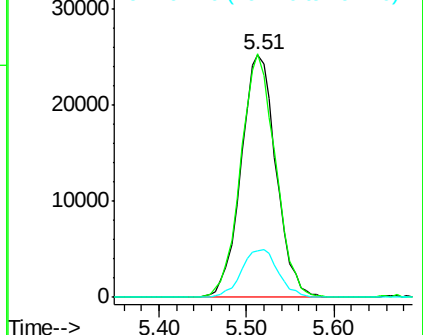
192 20.9 15.8 23.6



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: 49.736 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

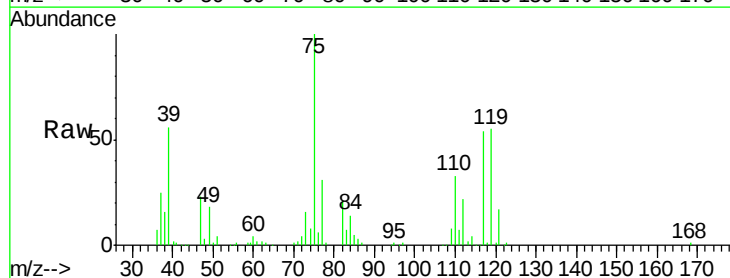
Tgt Ion: 75 Resp: 96013

Ion Ratio Lower Upper

75 100

110 36.4 17.9 53.7

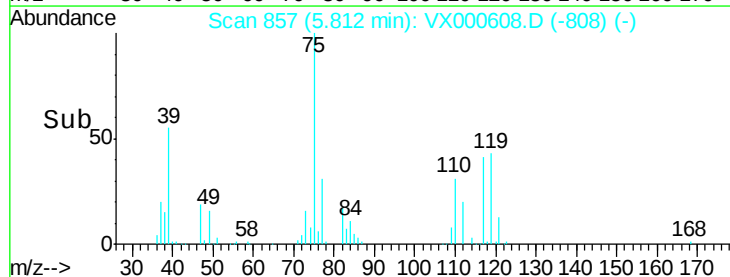
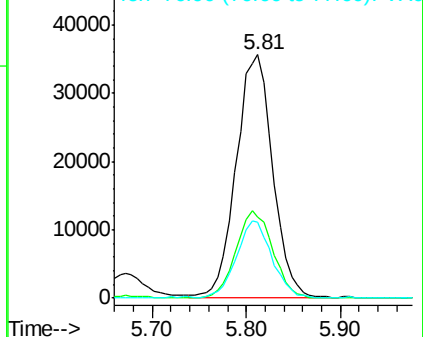
77 31.0 24.0 36.0

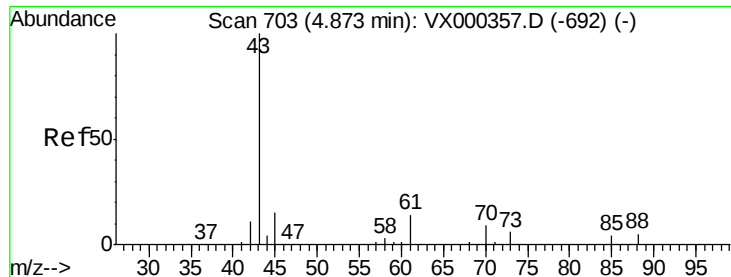


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

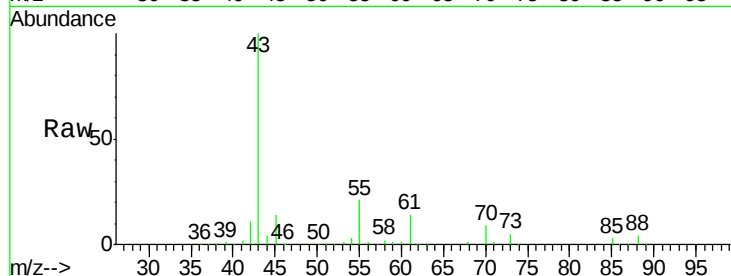




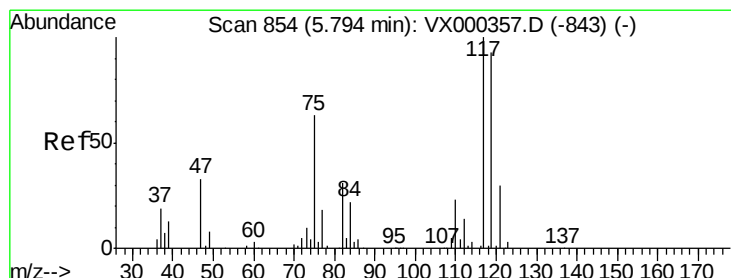
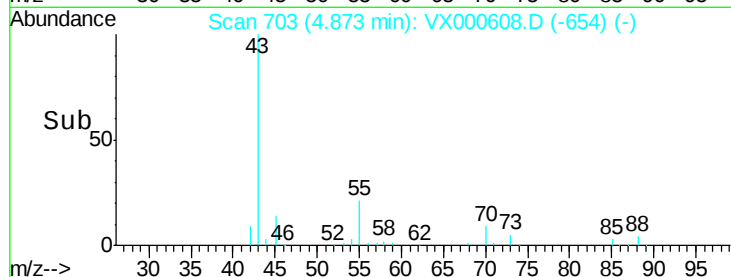
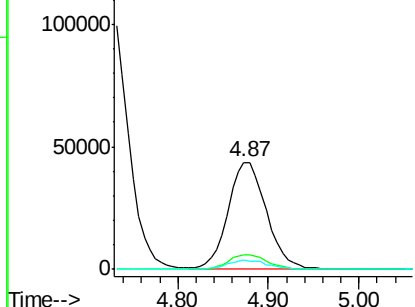
#37
Ethyl Acetate
Concen: 48.190 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 127074
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 9.0 7.7 11.5

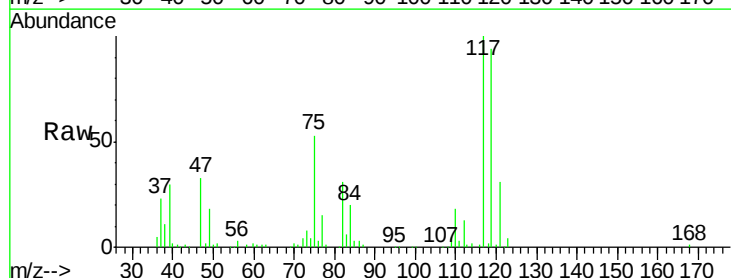


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

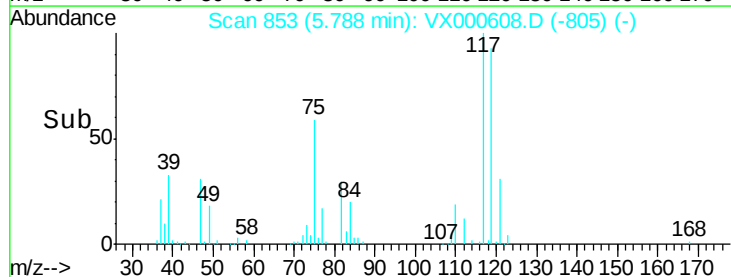
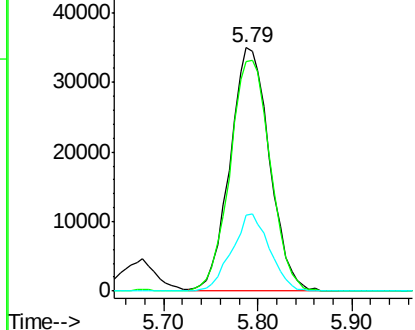


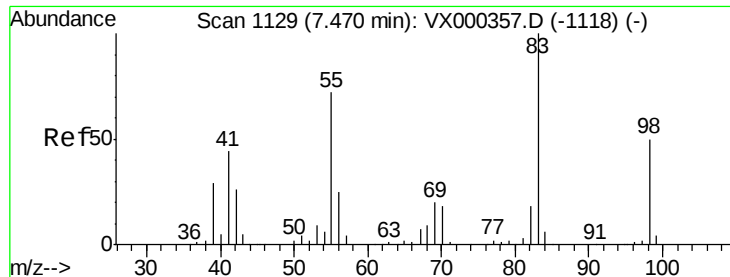
#38
Carbon Tetrachloride
Concen: 50.465 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Tgt Ion: 117 Resp: 102204
Ion Ratio Lower Upper
117 100
119 94.1 77.4 116.2
121 31.4 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

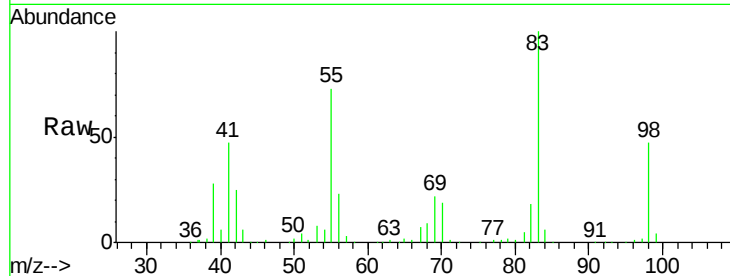




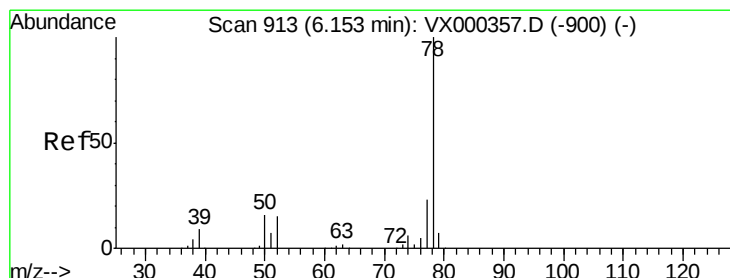
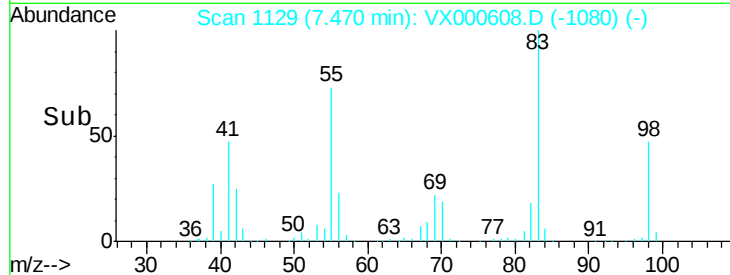
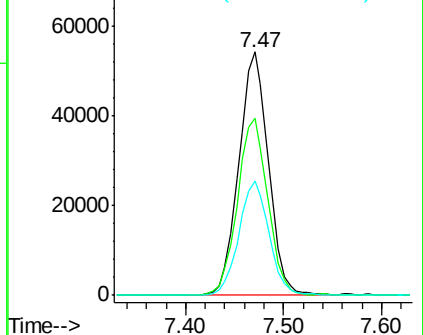
#39
Methvlcvclohexane
Concen: 48.493 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 113848
Ion Ratio Lower Upper
83 100
55 72.7 55.5 83.3
98 46.8 38.2 57.4

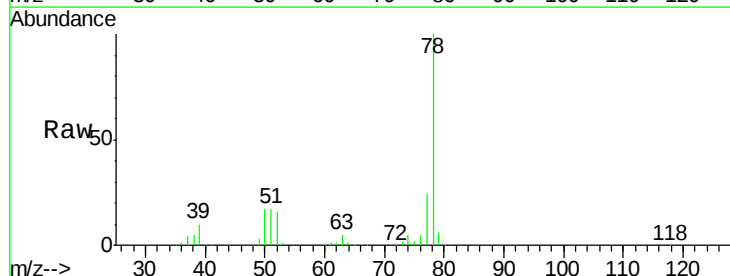


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

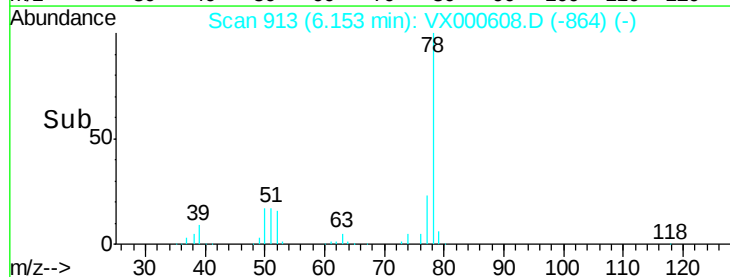
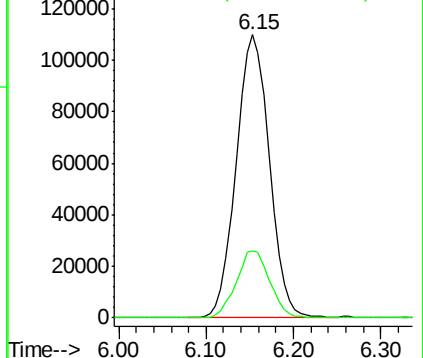


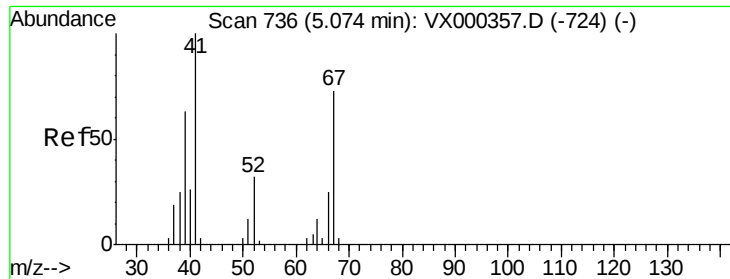
#40
Benzene
Concen: 51.837 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Tgt Ion: 78 Resp: 290601
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

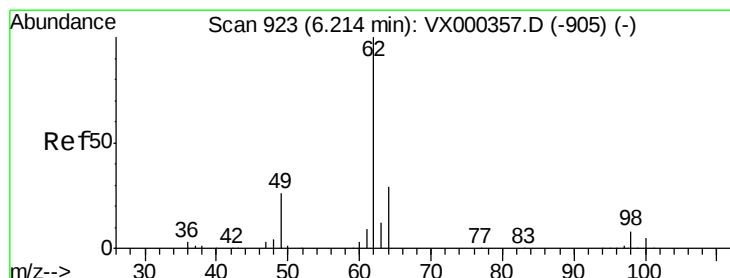
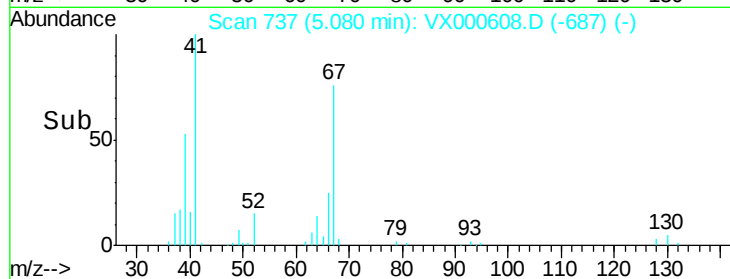
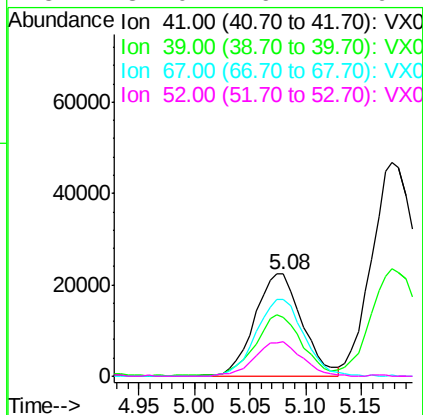
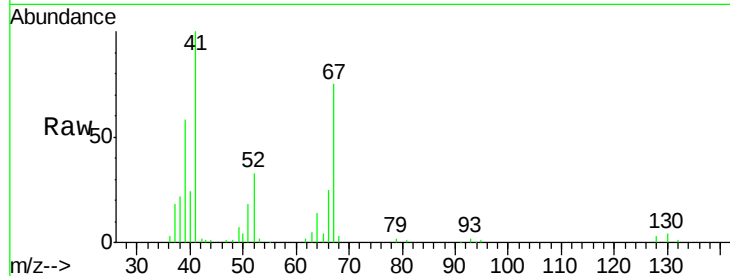




#41
Methacrylonitrile
Concen: 47.973 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

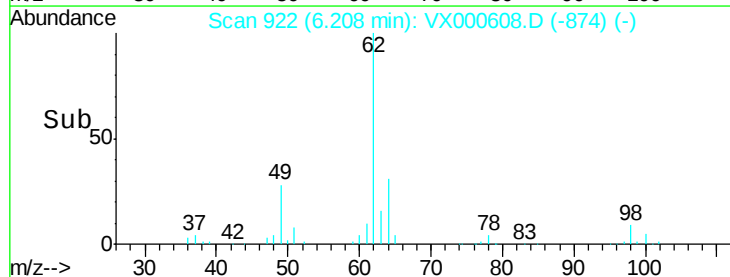
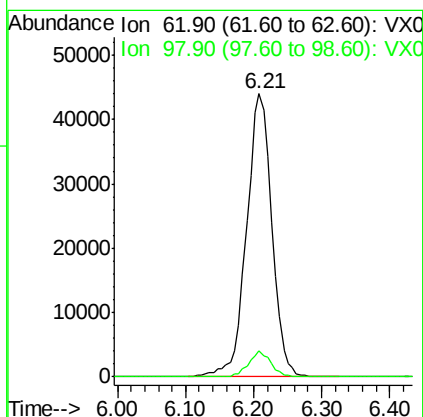
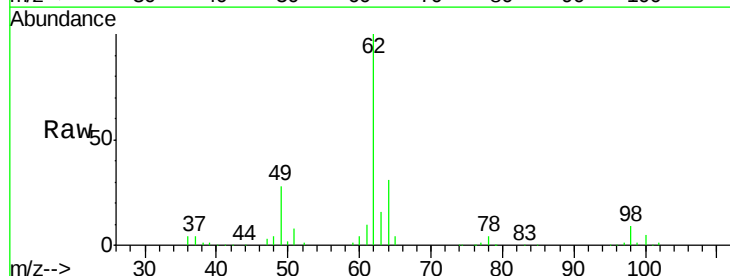
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	66692
Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.7	68.5
67	75.8	57.8	86.8
52	34.0	26.7	40.1



#42
1,2-Dichloroethane
Concen: 51.838 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Tgt Ion:	62	Resp:	114022
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.8



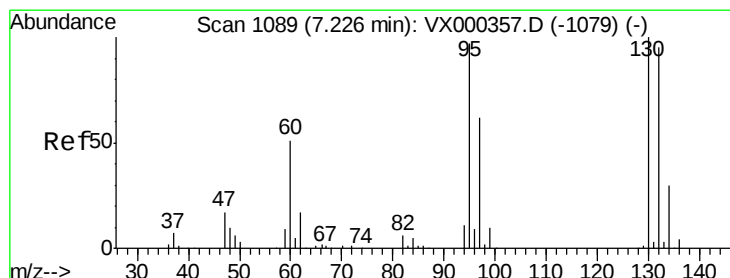
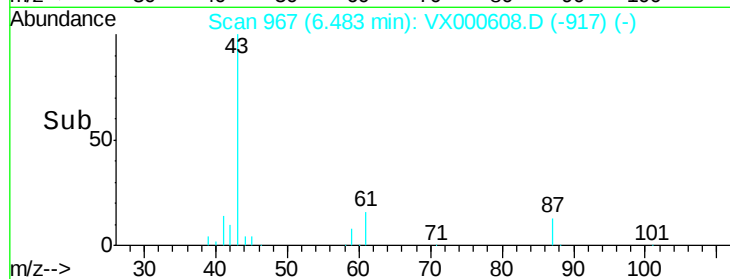
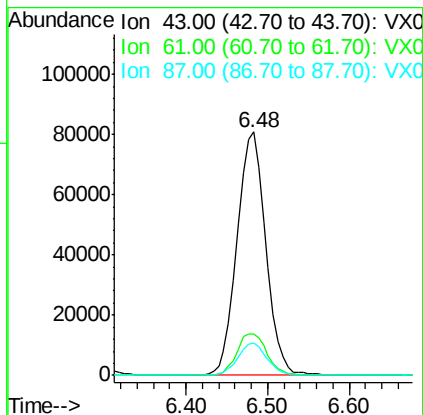
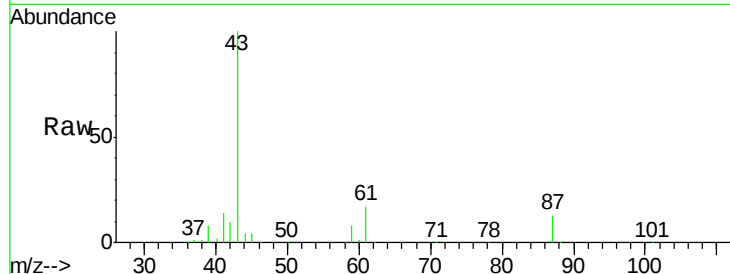


#43

Isopropyl Acetate
 Concen: 50.352 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX000608.D
 Acq: 31 Mar 2018 22:06

Instrument :
 MSVOA_X
 ClientSampleID :

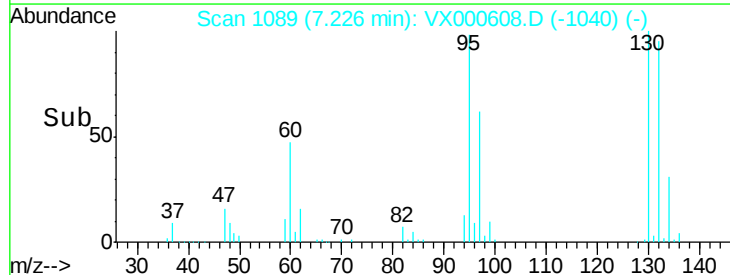
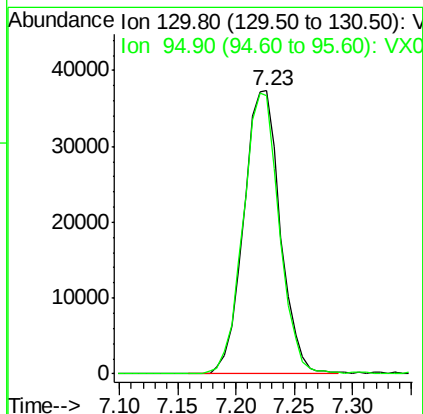
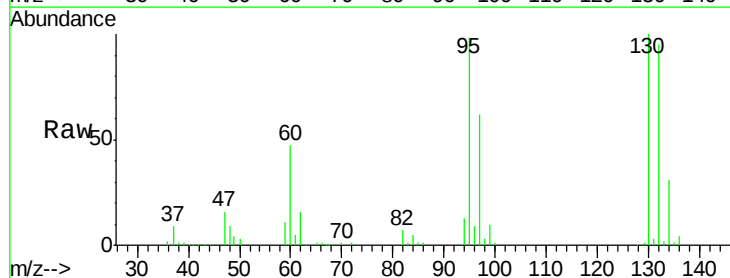
Tot Ion: 43 Resp: 197641
 Ion Ratio Lower Upper
 43 100
 61 18.0 14.4 21.6
 87 13.4 11.0 16.4



#44

Trichloroethene
 Concen: 50.819 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VX000608.D
 Acq: 31 Mar 2018 22:06

Tgt Ion:130 Resp: 81619
 Ion Ratio Lower Upper
 130 100
 95 98.3 0.0 186.0

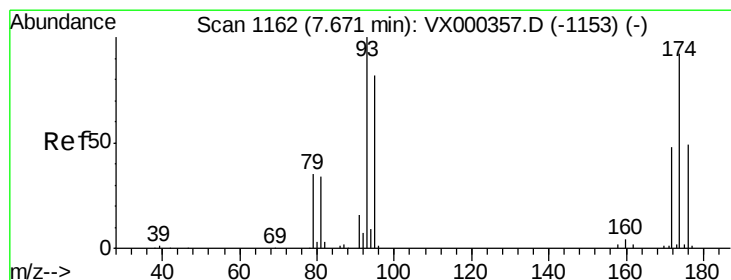
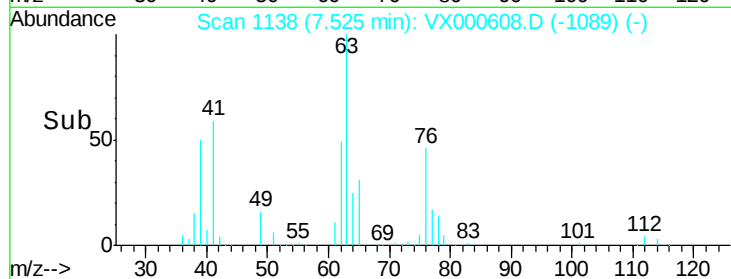
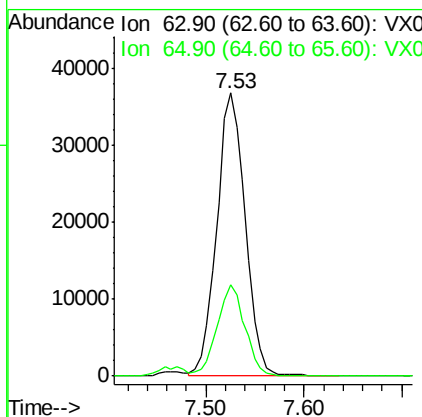
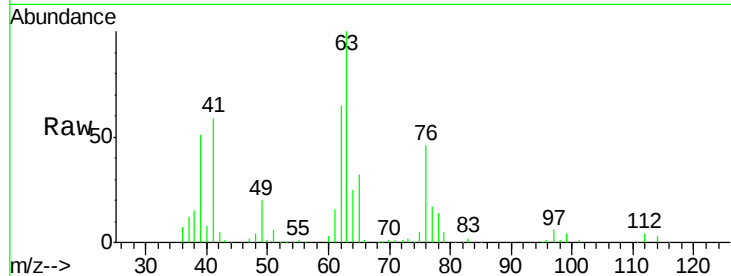




#45
 1,2-Dichloropropane
 Concen: 51.657 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000608.D
 Acq: 31 Mar 2018 22:06

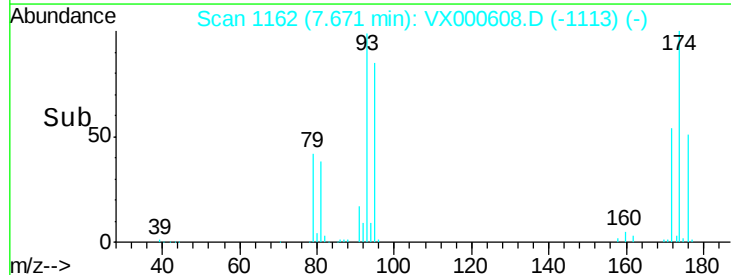
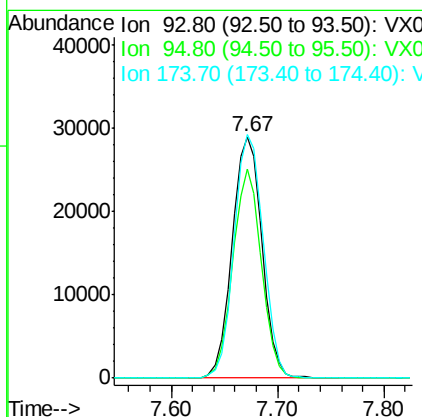
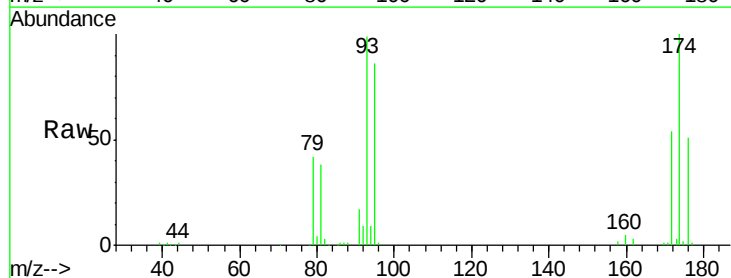
Instrument :
 MSVOA_X
 ClientSampleId :

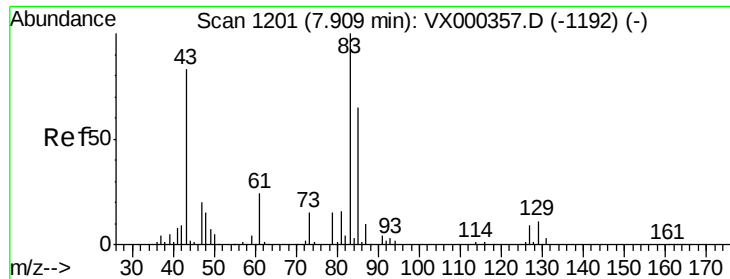
Tot Ion: 63 Resp: 74127
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.6 36.8



#46
 Dibromomethane
 Concen: 50.457 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000608.D
 Acq: 31 Mar 2018 22:06

Tgt Ion: 93 Resp: 56833
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 99.2 76.0 114.0





#47

Bromodichloromethane

Concen: 54.315 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :
MSVOA_X
ClientSampleId :

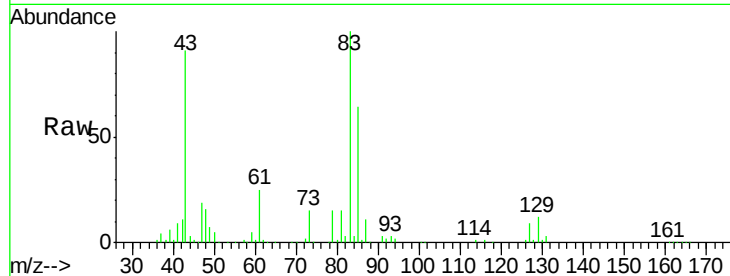
Tot Ion: 83 Resp: 107638

Ion Ratio Lower Upper

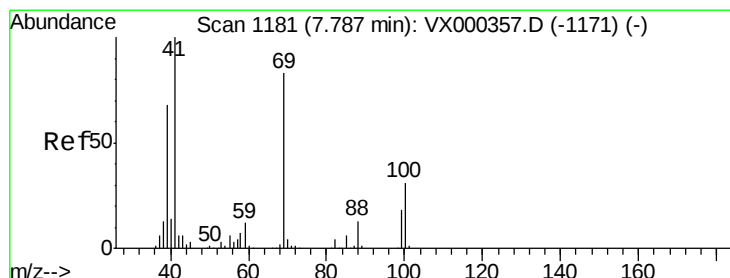
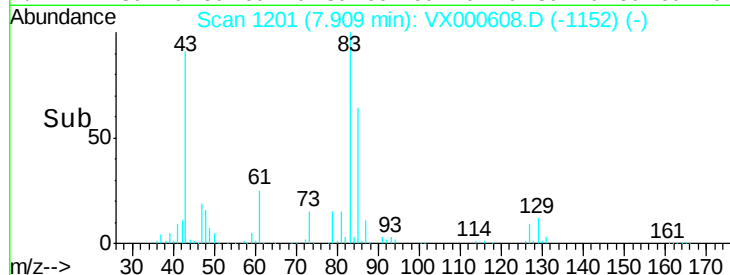
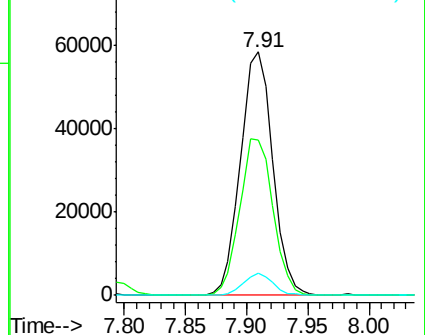
83 100

85 63.6 51.4 77.0

127 8.9 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.279 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

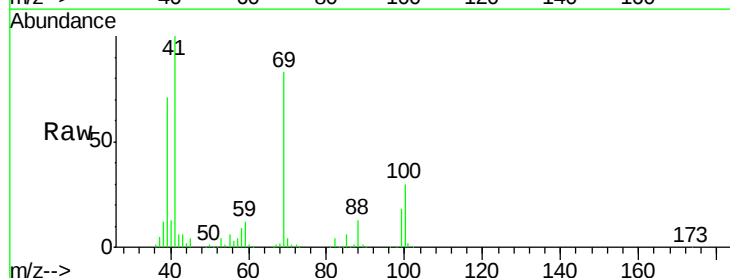
Tgt Ion: 41 Resp: 99625

Ion Ratio Lower Upper

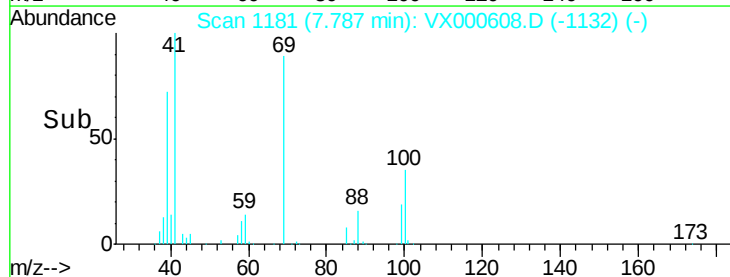
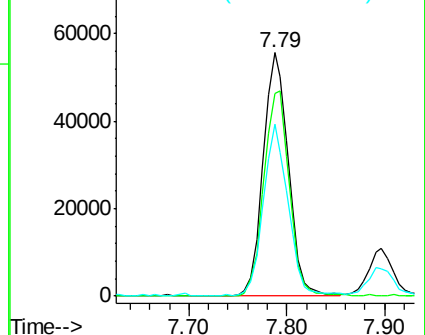
41 100

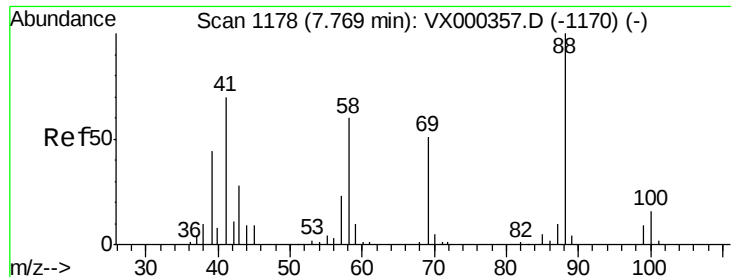
69 85.4 68.2 102.4

39 68.9 54.6 81.8



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

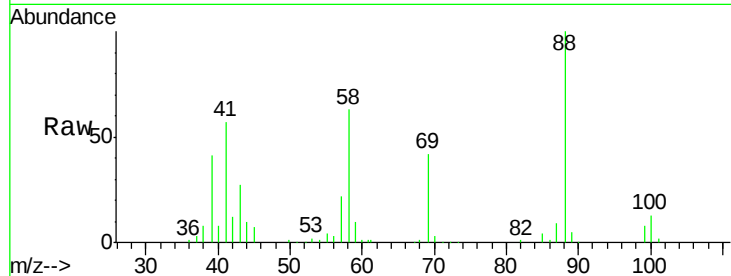




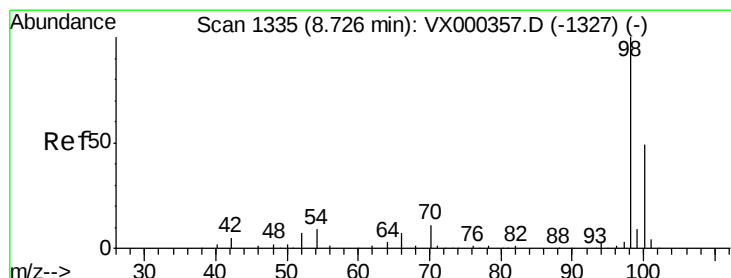
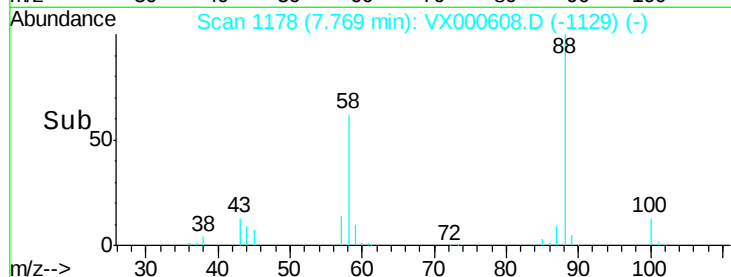
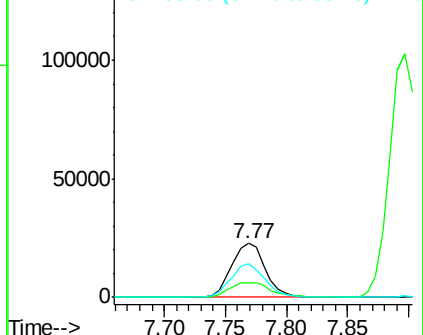
#49
1,4-Dioxane
Concen: 1082.129 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 43346
Ion Ratio Lower Upper
88 100
43 33.8 26.8 40.2
58 62.7 52.2 78.2

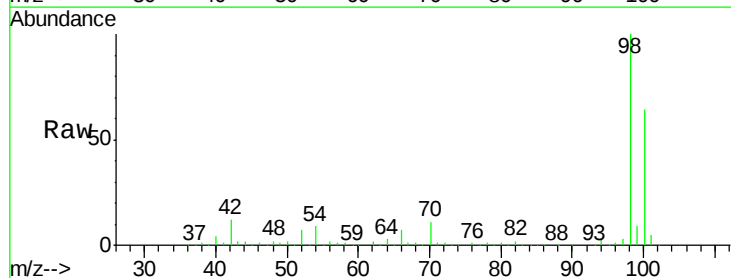


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

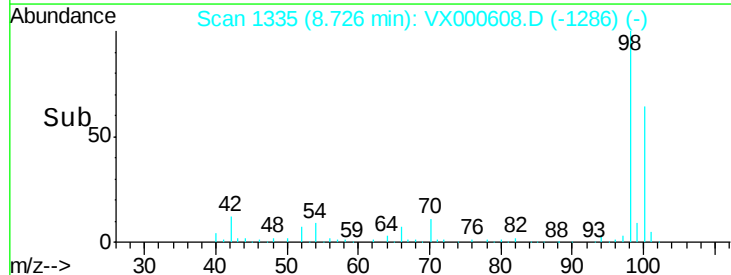
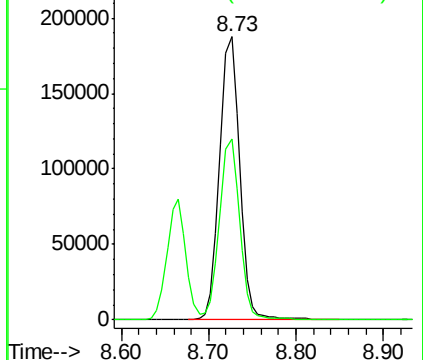


#50
Toluene-d8
Concen: 55.560 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Tgt Ion: 98 Resp: 298807
Ion Ratio Lower Upper
98 100
100 65.0 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: 265.098 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

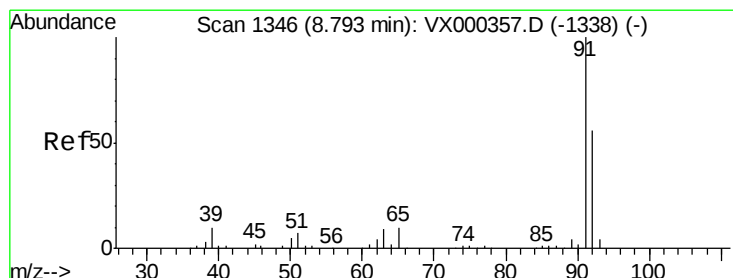
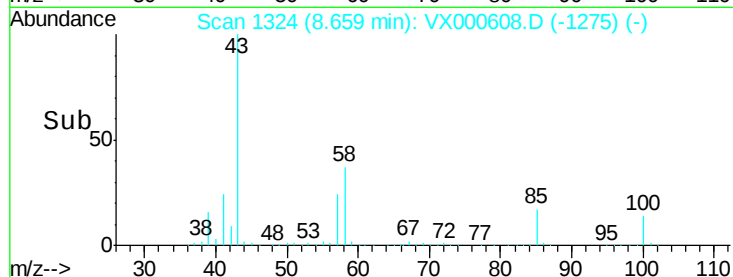
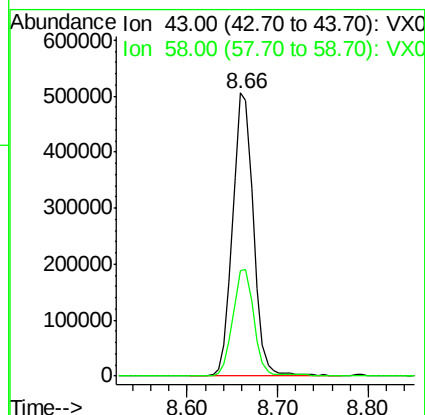
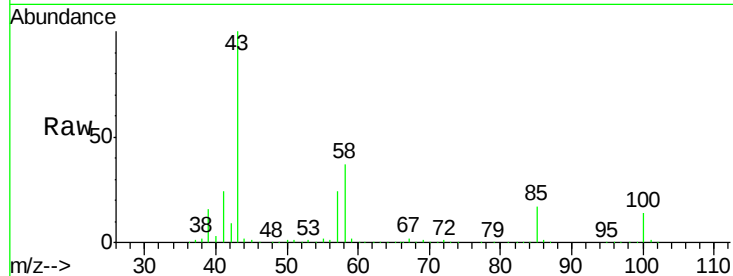
ClientSampled :

Tot Ion: 43 Resp: 805435

Ion Ratio Lower Upper

43 100

58 38.8 30.3 45.5



#52

Toluene

Concen: 55.258 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000608.D

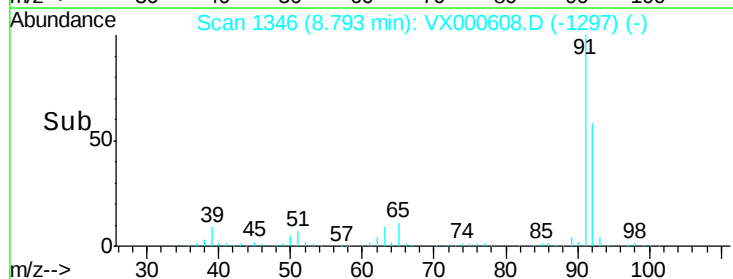
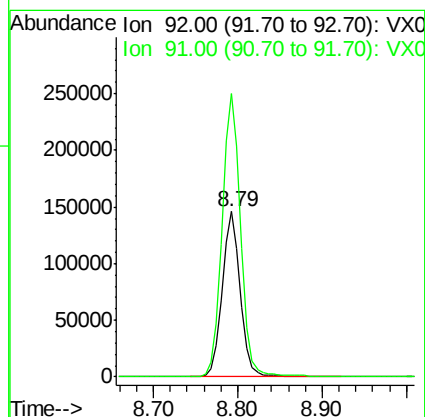
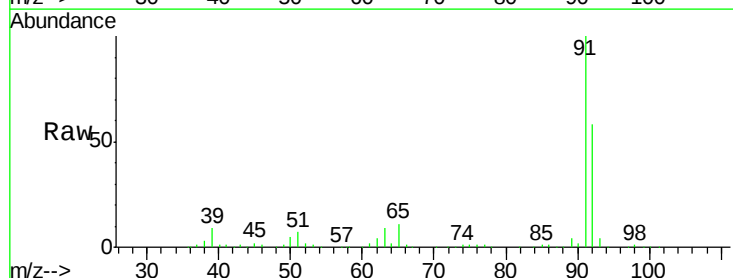
Acq: 31 Mar 2018 22:06

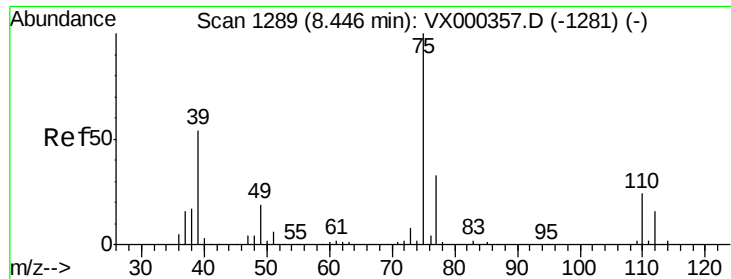
Tgt Ion: 92 Resp: 216567

Ion Ratio Lower Upper

92 100

91 175.5 140.2 210.2

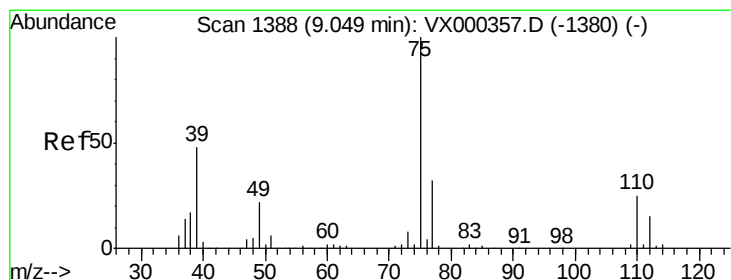
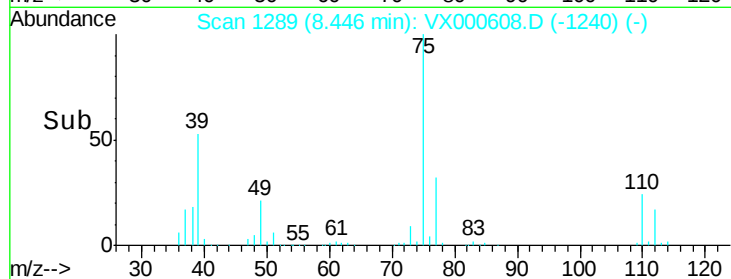
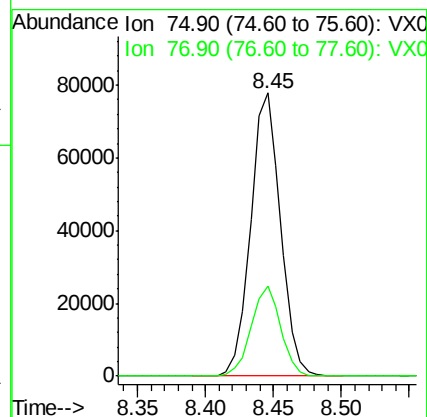
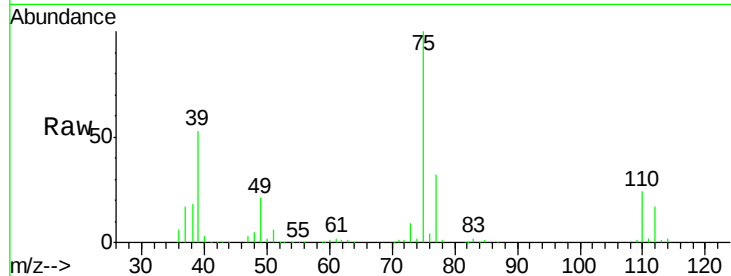




#53
 t-1,3-Dichloropropene
 Concen: 52.085 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000608.D
 Acq: 31 Mar 2018 22:06

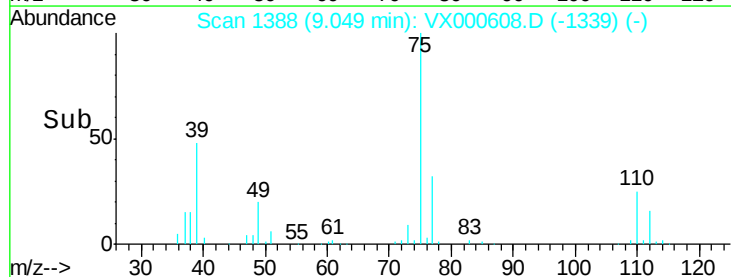
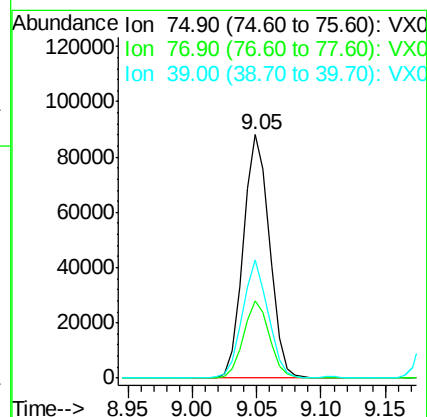
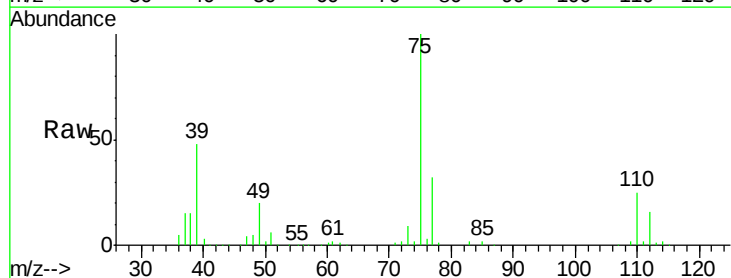
Instrument :
 MSVOA_X
 ClientSampleId :

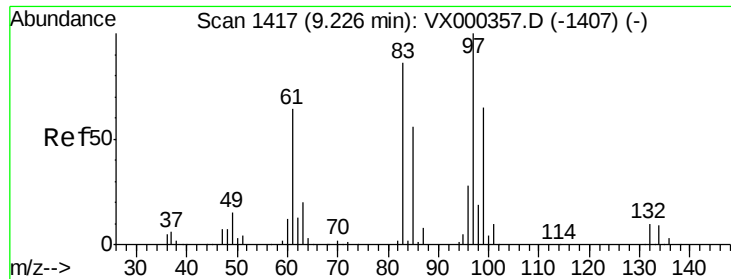
Tot Ion: 75 Resp: 119609
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 55.486 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000608.D
 Acq: 31 Mar 2018 22:06

Tgt Ion: 75 Resp: 123596
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.1 39.1
 39 48.3 39.8 59.6

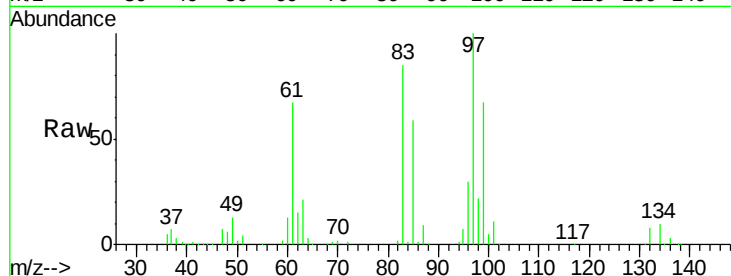




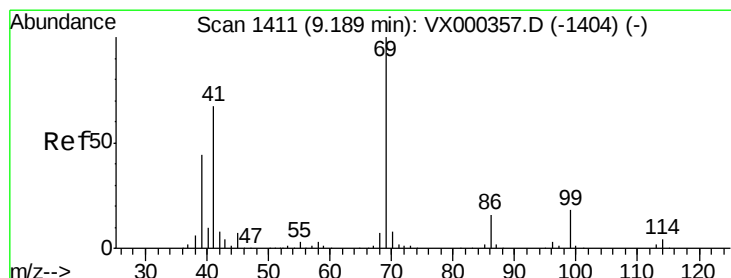
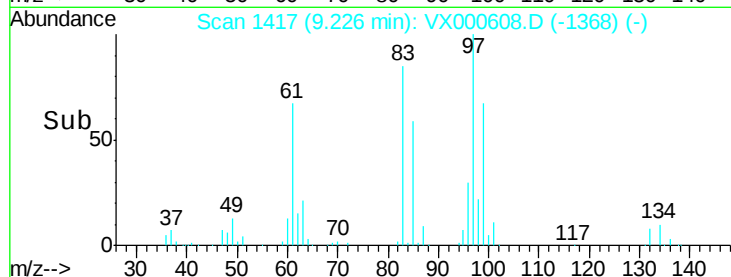
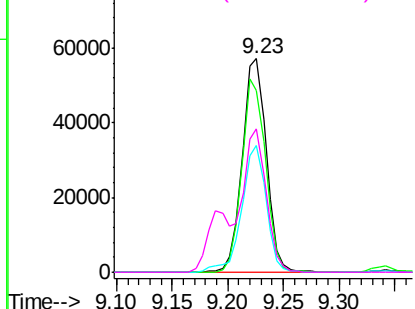
#55
1,1,2-Trichloroethane
Concen: 53.452 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 86148
Ion Ratio Lower Upper
97 100
83 85.1 67.9 101.9
85 59.5 42.8 64.2
99 66.9 49.4 74.2

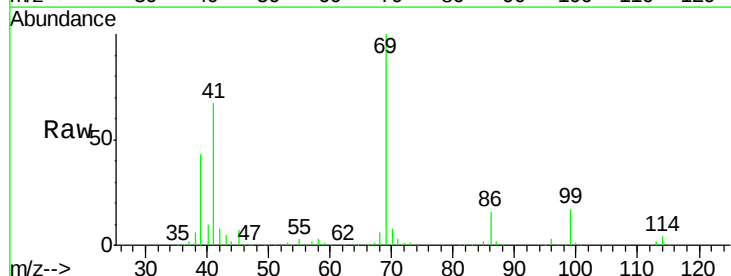


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

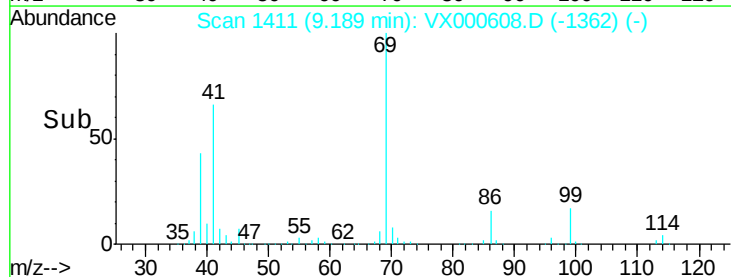
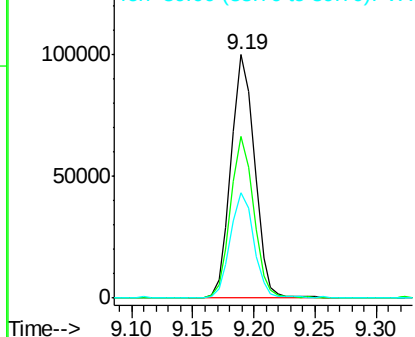


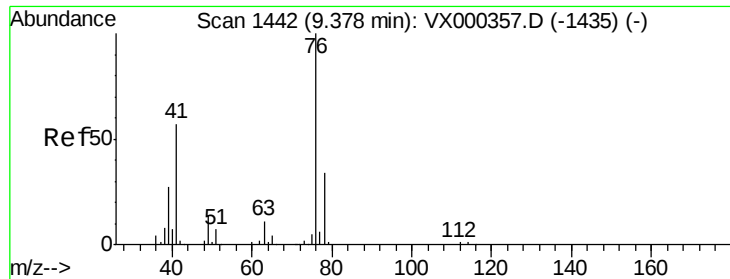
#56
Ethyl methacrylate
Concen: 54.923 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Tgt Ion: 69 Resp: 134134
Ion Ratio Lower Upper
69 100
41 65.3 53.0 79.6
39 42.4 35.3 52.9



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: 54.494 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

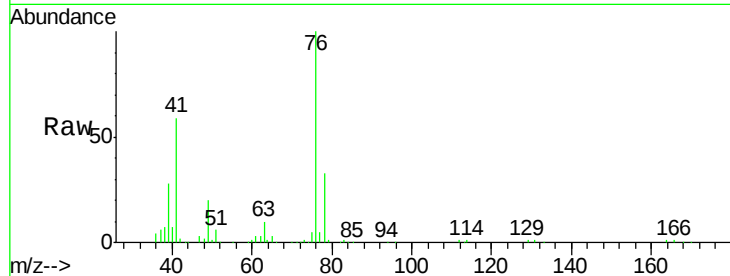
ClientSampled :

Tot Ion: 76 Resp: 140476

Ion Ratio Lower Upper

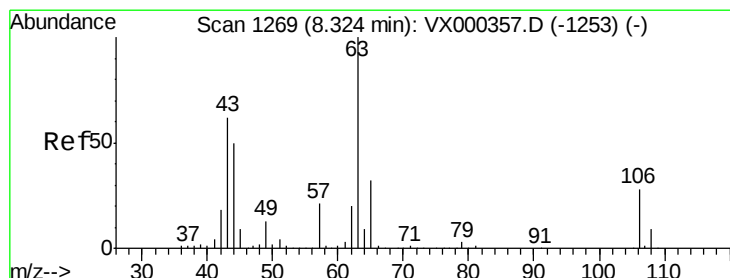
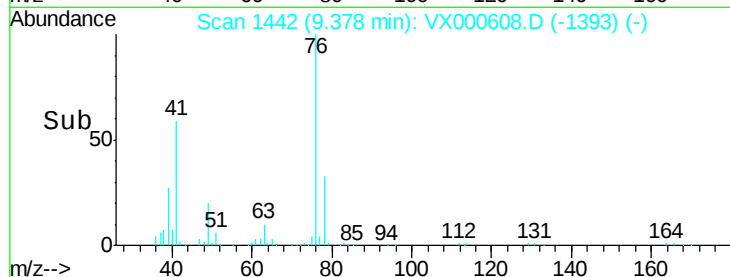
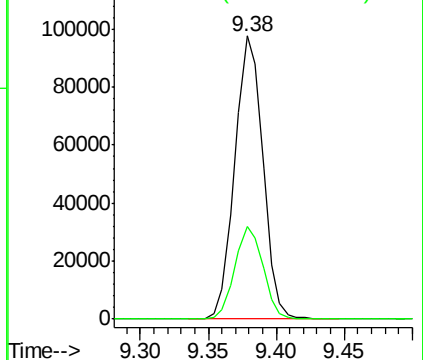
76 100

78 33.0 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 261.132 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000608.D

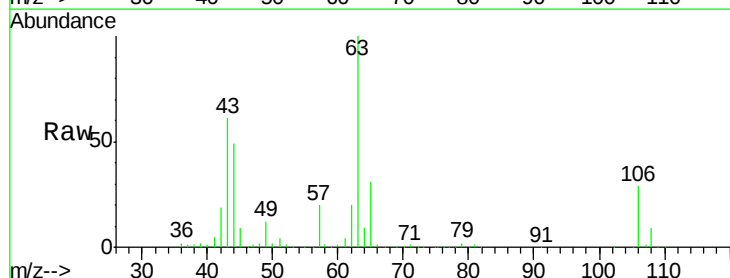
Acq: 31 Mar 2018 22:06

Tgt Ion: 63 Resp: 306081

Ion Ratio Lower Upper

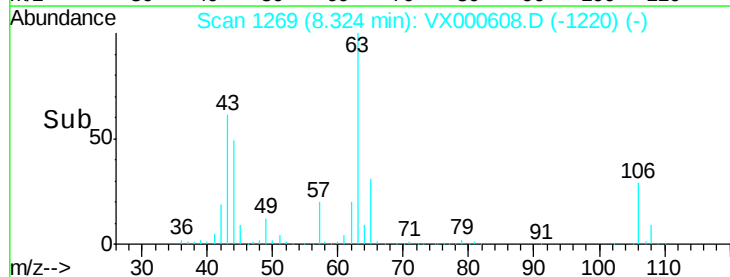
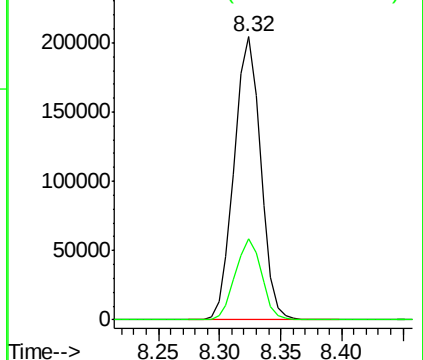
63 100

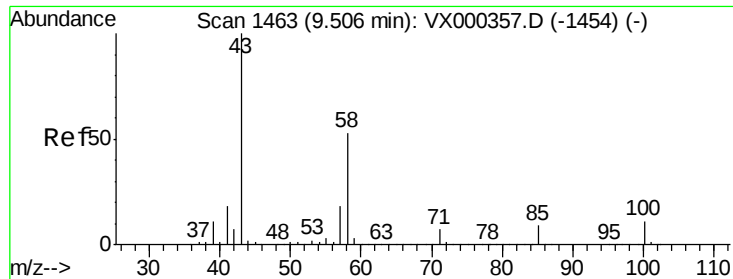
106 28.6 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

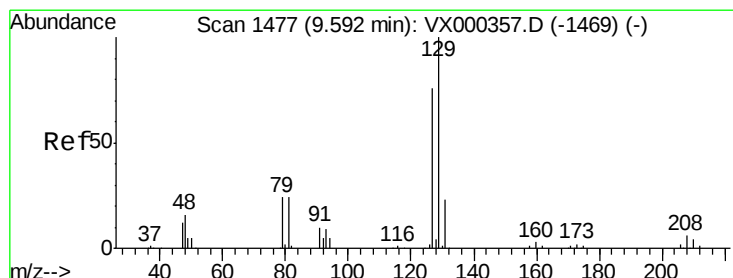
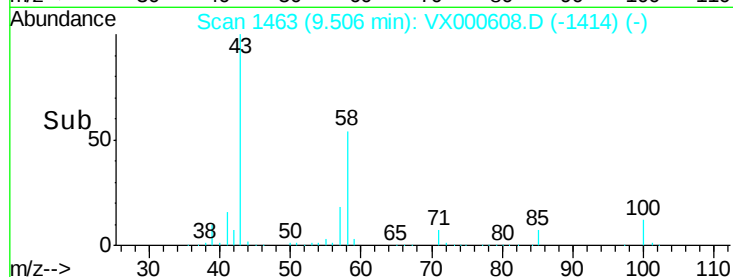
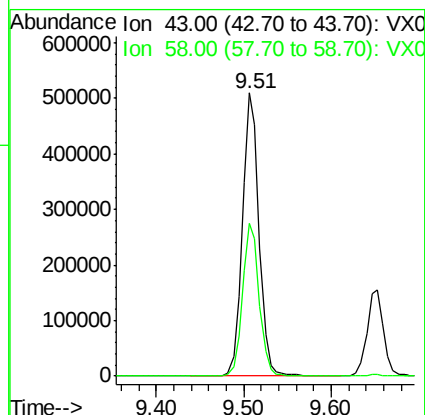
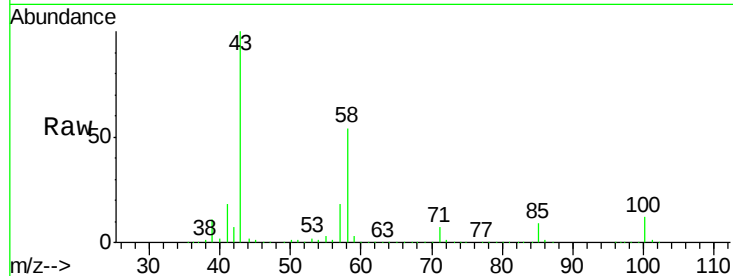




#59
2-Hexanone
Concen: 262.338 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

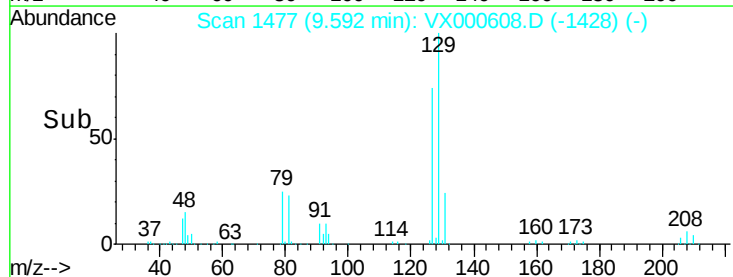
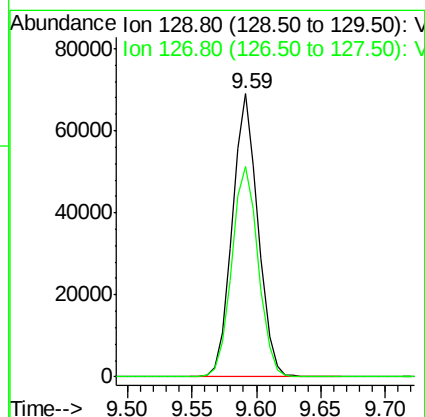
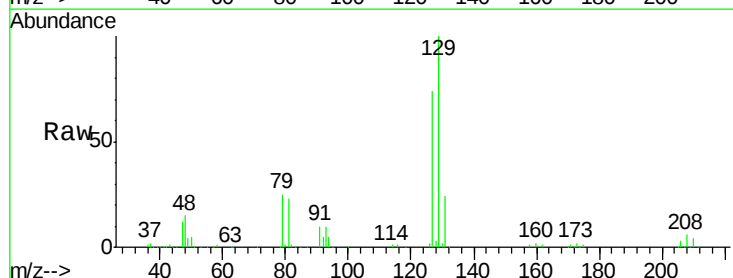
Instrument :
MSVOA_X
ClientSampled :

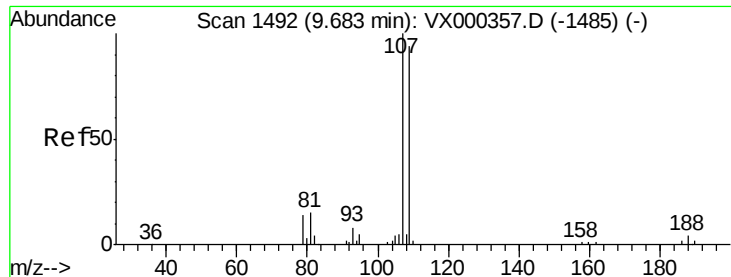
Tot Ion: 43 Resp: 676788
Ion Ratio Lower Upper
43 100
58 54.1 26.6 79.7



#60
Dibromochloromethane
Concen: 50.478 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Tgt Ion:129 Resp: 96358
Ion Ratio Lower Upper
129 100
127 76.5 37.9 113.6





#61

1,2-Dibromoethane

Concen: 58.134 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

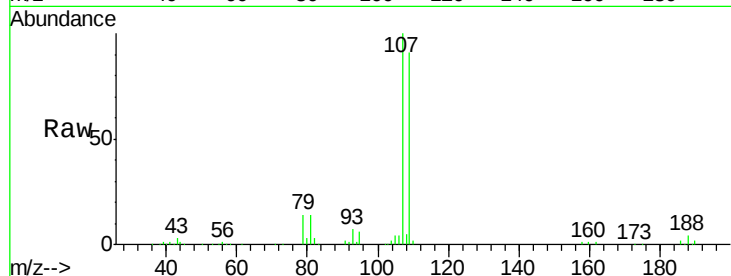
ClientSampleId :

Tot Ion:107 Resp: 100476

Ion Ratio Lower Upper

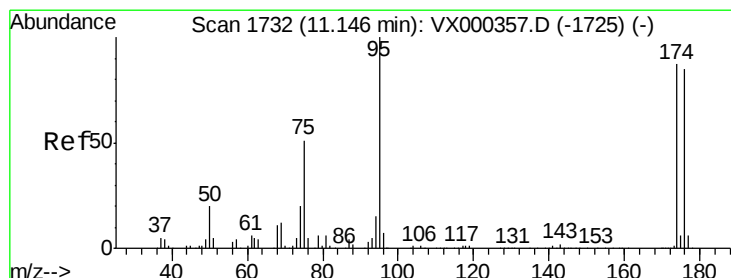
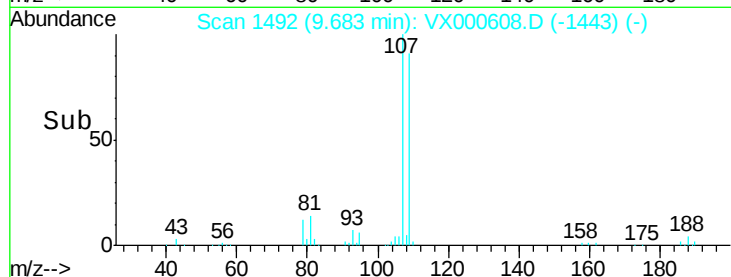
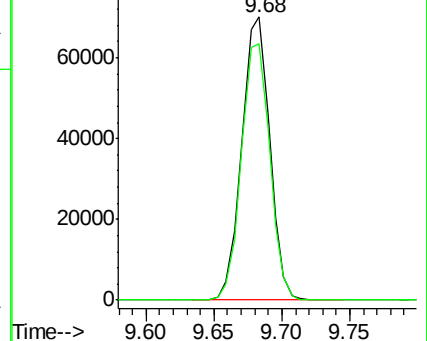
107 100

109 92.8 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.633 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

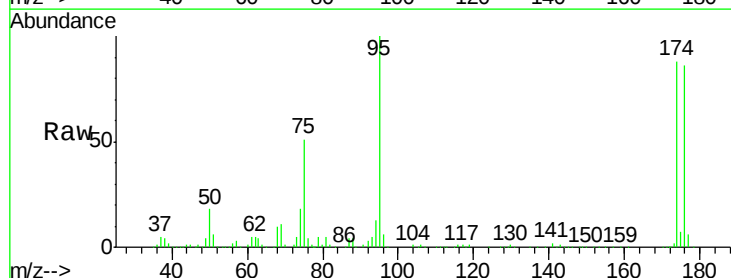
Tgt Ion: 95 Resp: 125669

Ion Ratio Lower Upper

95 100

174 87.5 0.0 173.6

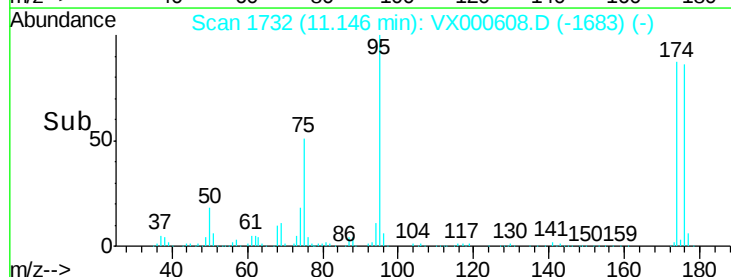
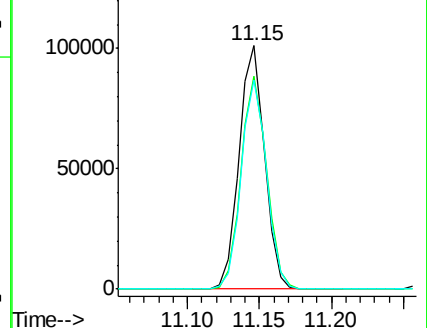
176 85.1 0.0 164.6

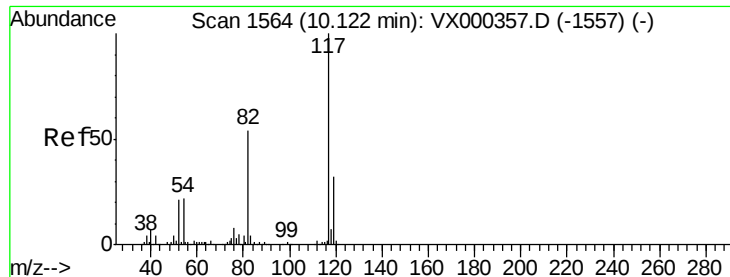


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

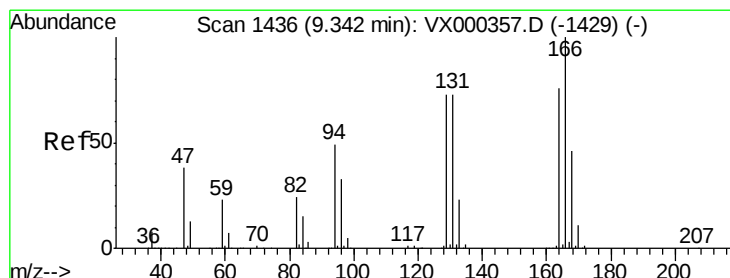
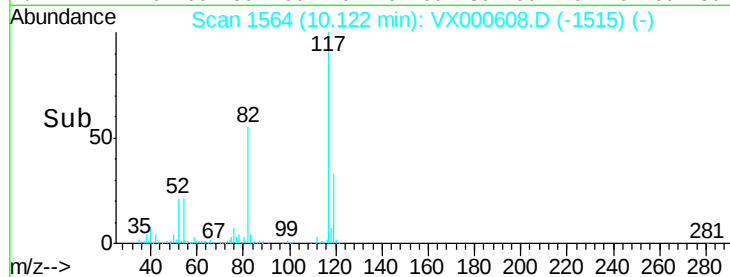
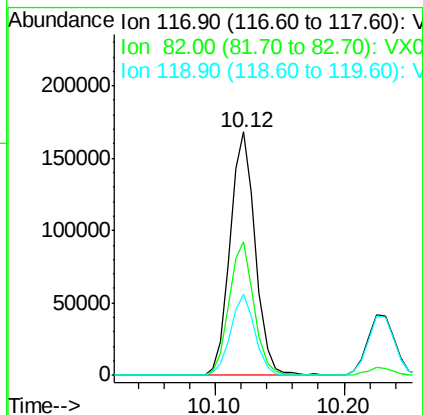
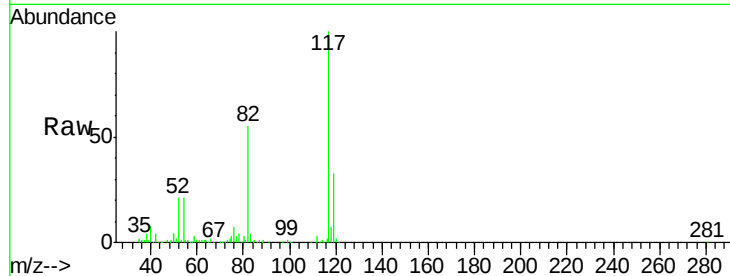




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

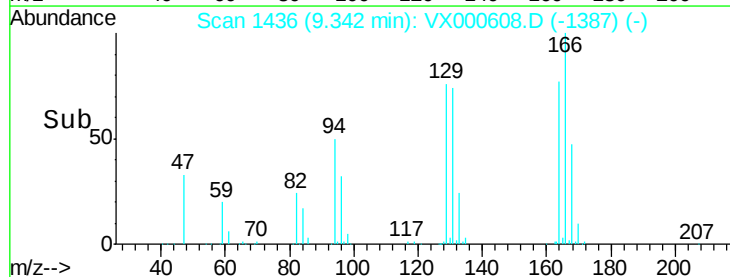
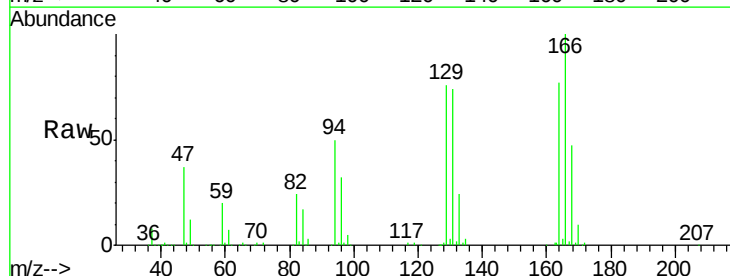
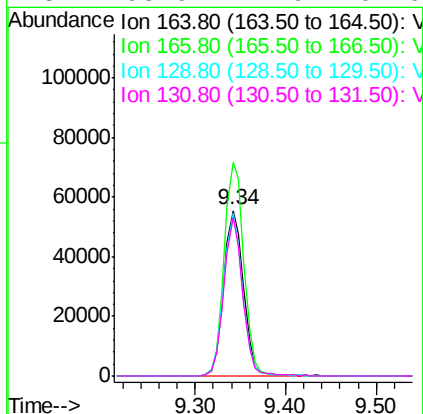
Instrument :
MSVOA_X
ClientSampleId :

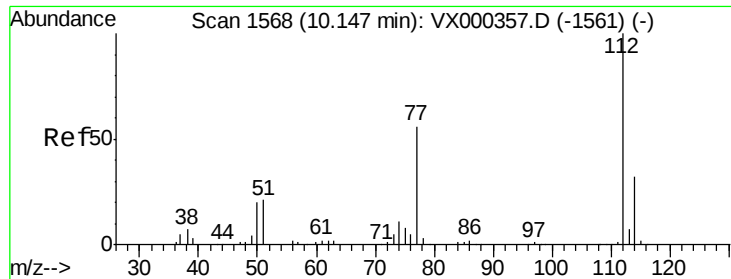
Tot Ion:117 Resp: 230974
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 33.1 24.9 37.3



#64
Tetrachloroethene
Concen: 47.007 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Tgt Ion:164 Resp: 84254
Ion Ratio Lower Upper
164 100
166 129.1 101.0 151.6
129 97.9 79.0 118.4
131 95.9 71.9 107.9

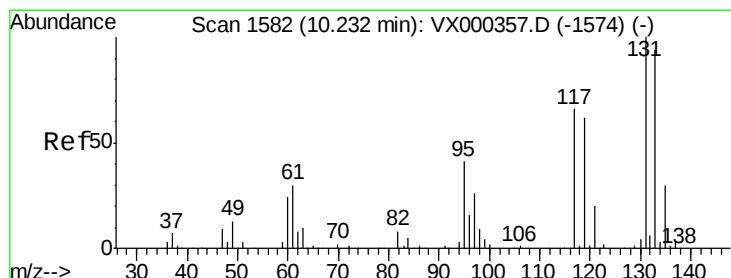
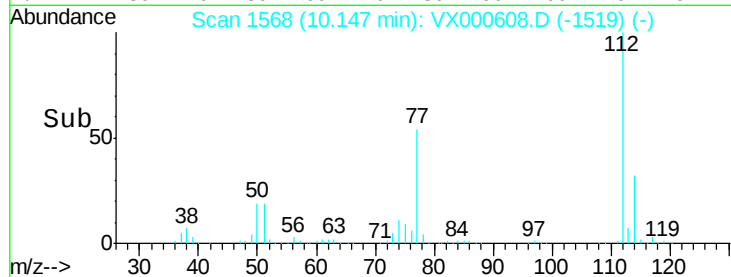
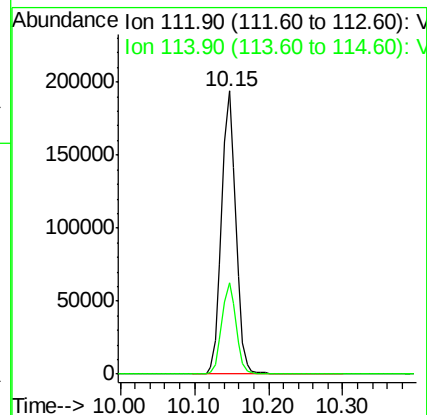
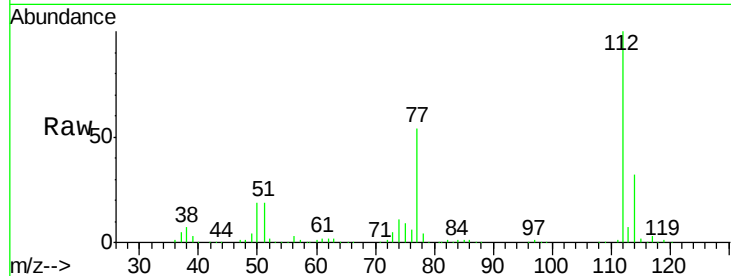




#65
Chlorobenzene
Concen: 49.969 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

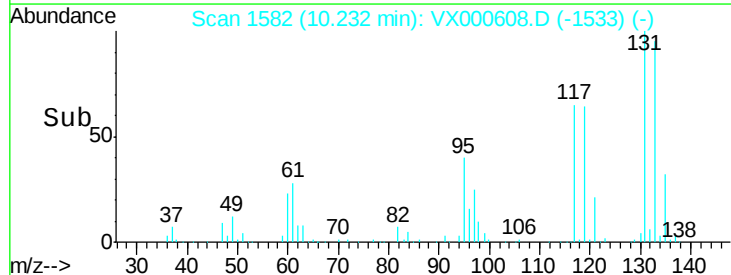
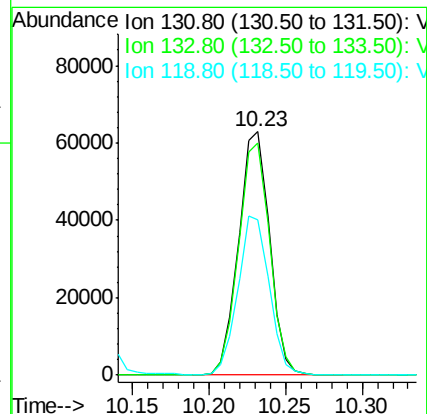
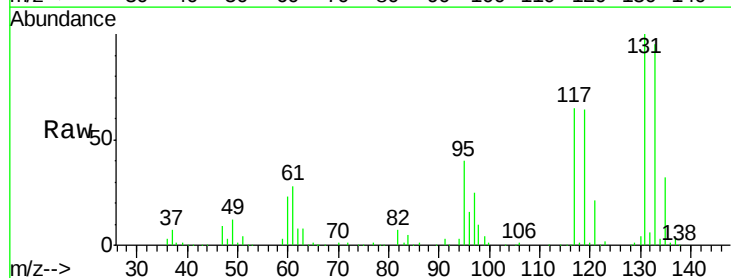
Instrument :
MSVOA_X
ClientSampled :

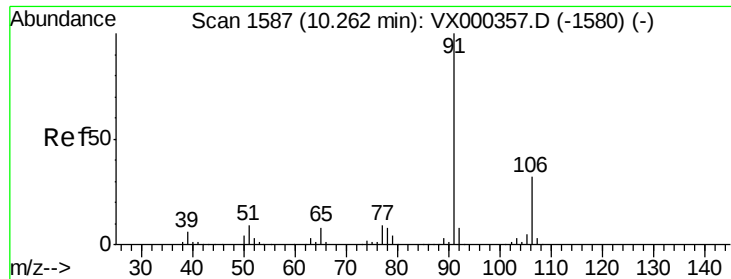
Tot Ion:112 Resp: 256851
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.751 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Tgt Ion:131 Resp: 88597
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.3
119 66.1 33.1 99.2





#67

Ethyl Benzene

Concen: 50.857 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

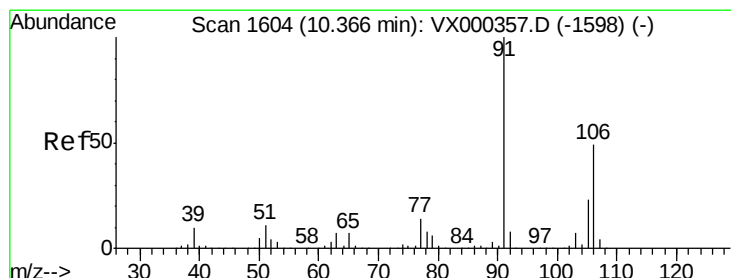
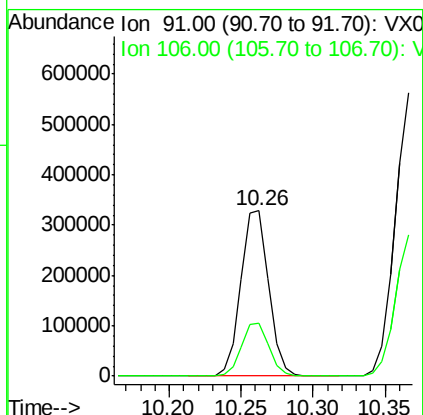
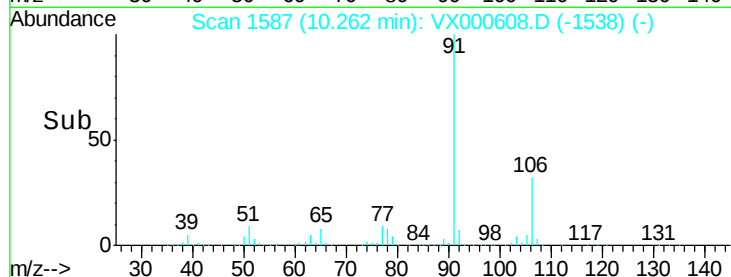
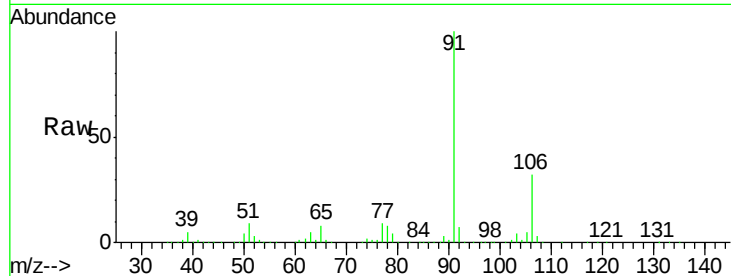
ClientSampled :

Tot Ion: 91 Resp: 443151

Ion Ratio Lower Upper

91 100

106 32.3 25.0 37.6



#68

m/p-Xylenes

Concen: 107.160 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000608.D

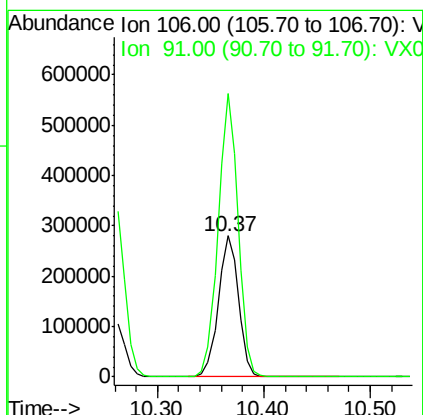
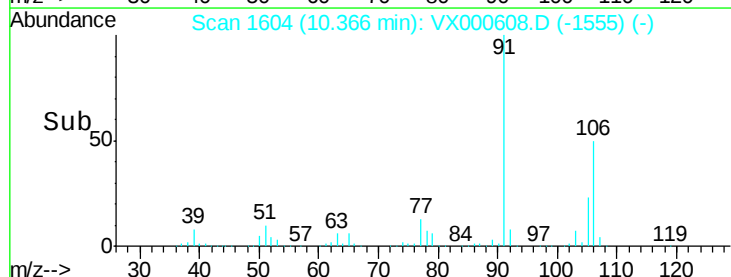
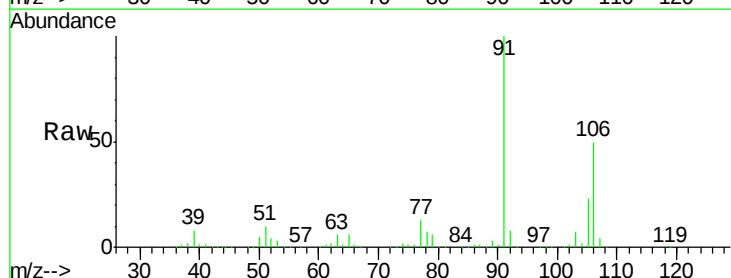
Acq: 31 Mar 2018 22:06

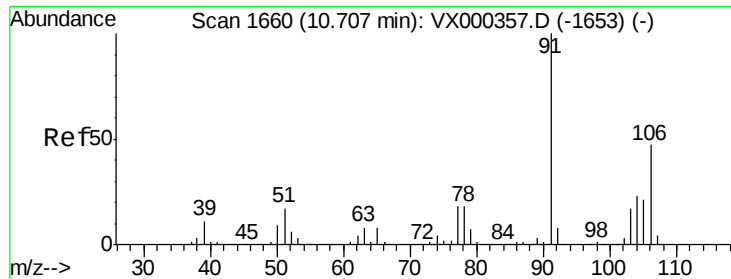
Tgt Ion: 106 Resp: 367430

Ion Ratio Lower Upper

106 100

91 198.4 163.4 245.2

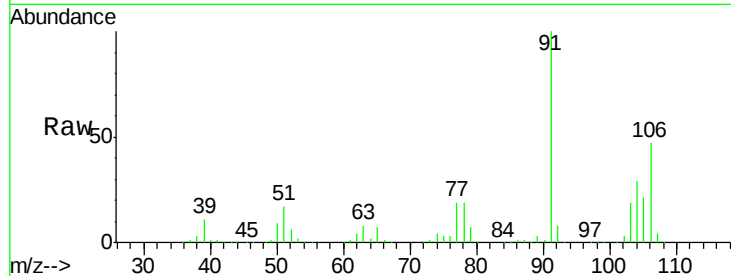




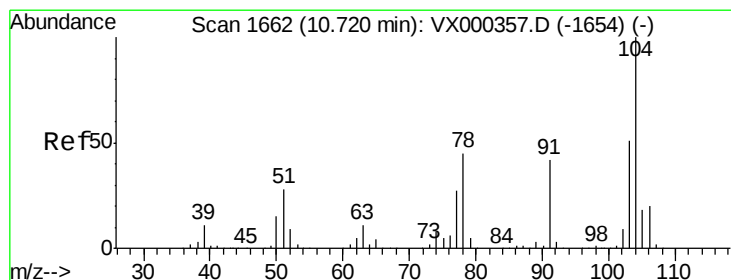
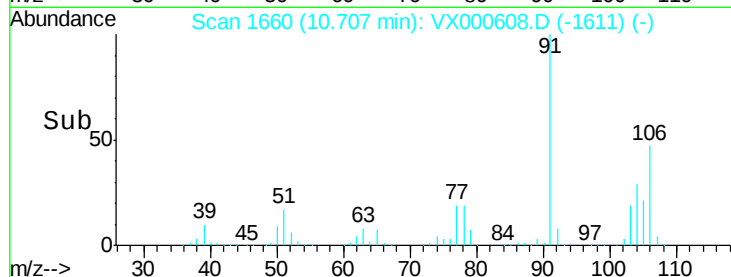
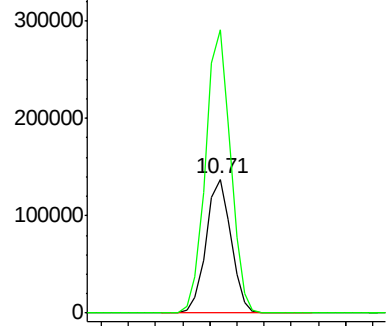
#69
o-Xylene
Concen: 52.835 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 175408
Ion Ratio Lower Upper
106 100
91 212.2 106.5 319.6

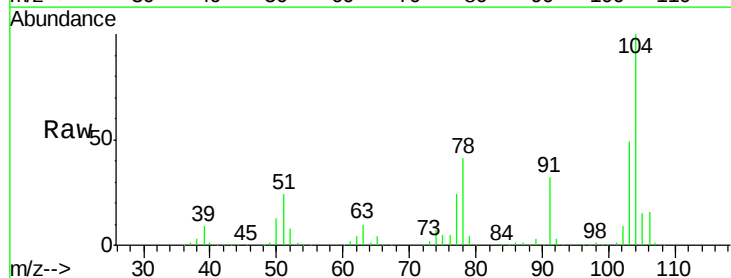


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

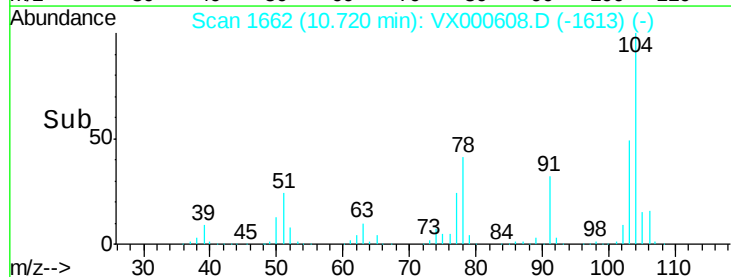
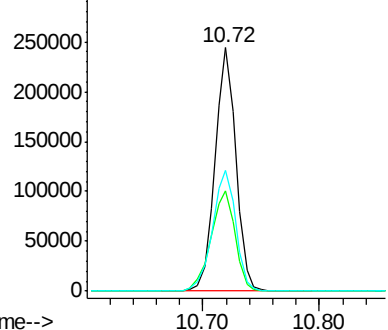


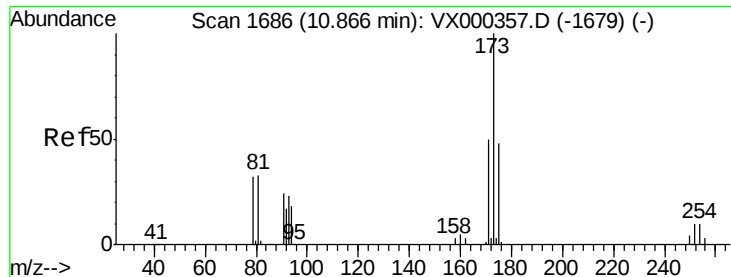
#70
Styrene
Concen: 55.659 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Tgt Ion:104 Resp: 305744
Ion Ratio Lower Upper
104 100
78 47.4 40.5 60.7
103 55.2 45.7 68.5



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: 44.317 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

ClientSampleId :

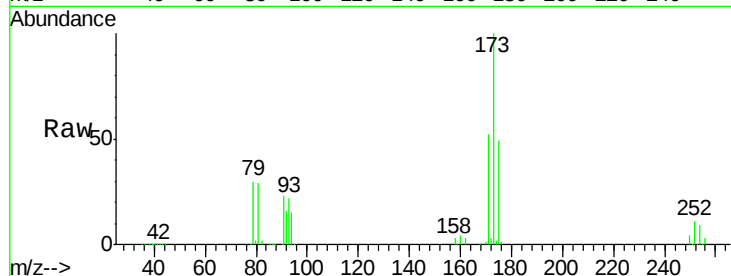
Tot Ion:173 Resp: 79526

Ion Ratio Lower Upper

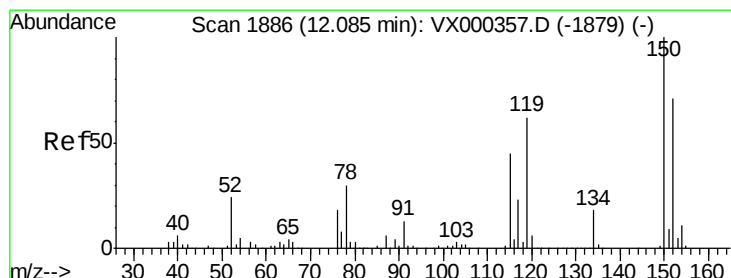
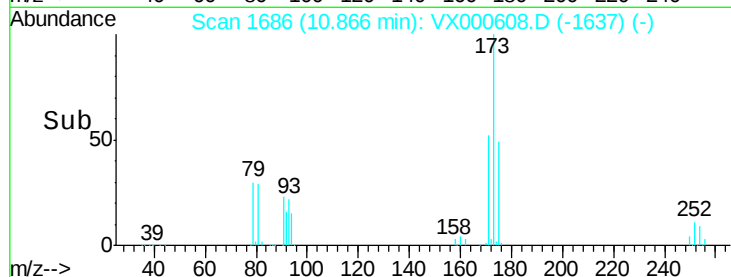
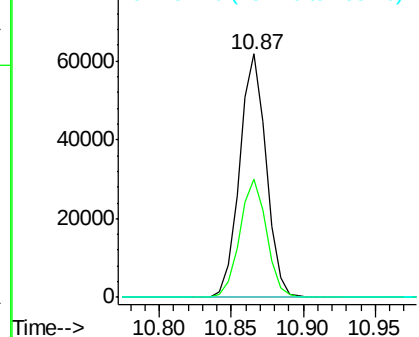
173 100

175 48.9 25.4 76.4

254 0.1 0.0 0.0#



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. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

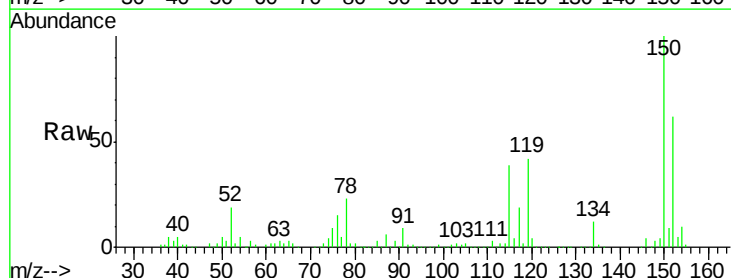
Tgt Ion:152 Resp: 155067

Ion Ratio Lower Upper

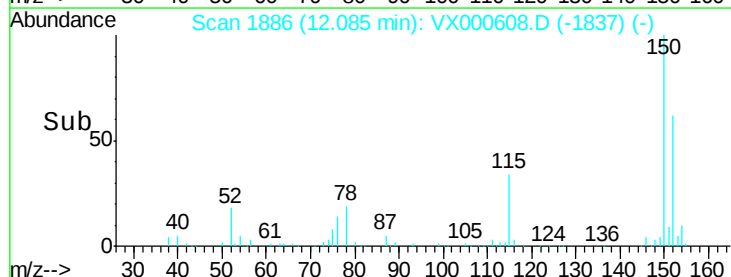
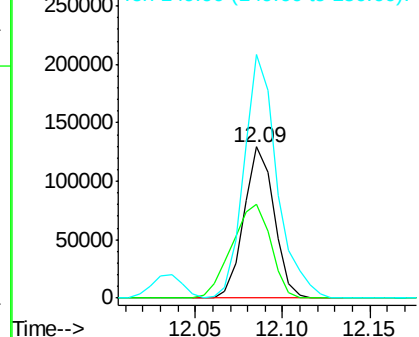
152 100

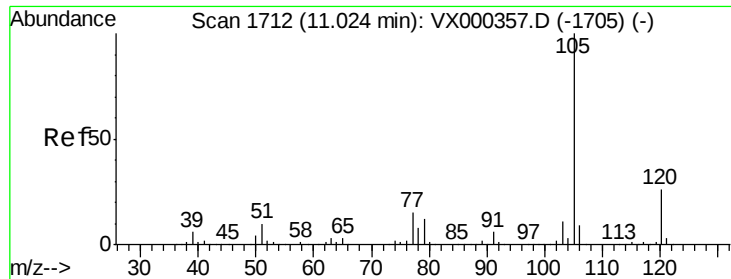
115 80.6 39.8 119.3

150 175.9 0.0 344.4



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: 47.446 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

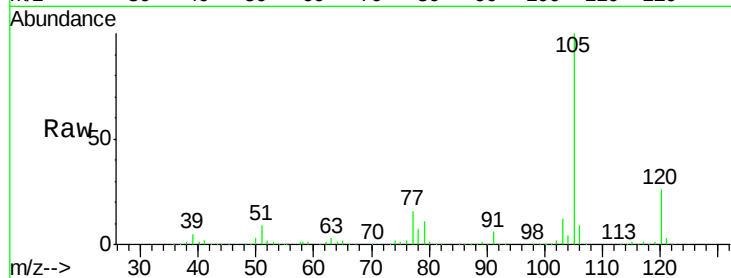
ClientSampled :

Tot Ion:105 Resp: 487464

Ion Ratio Lower Upper

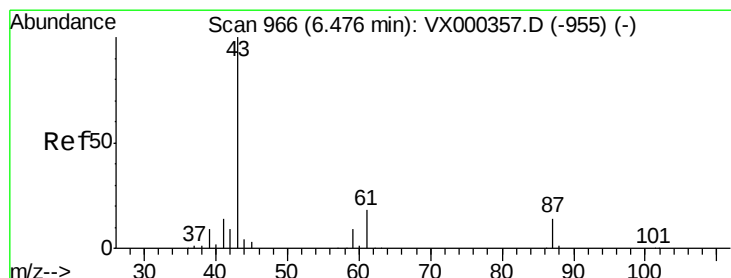
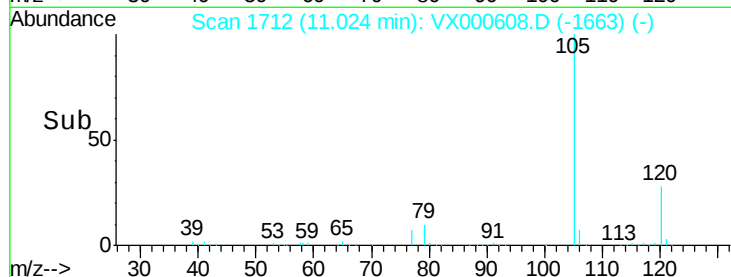
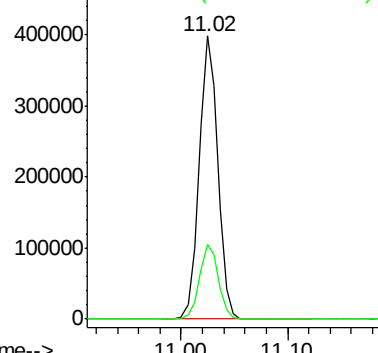
105 100

120 26.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.719 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Tgt Ion: 43 Resp: 197641

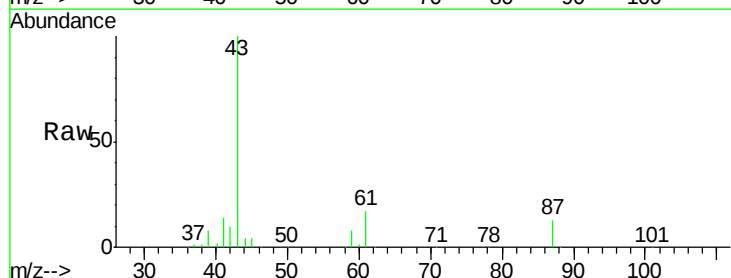
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.0 14.4 21.6

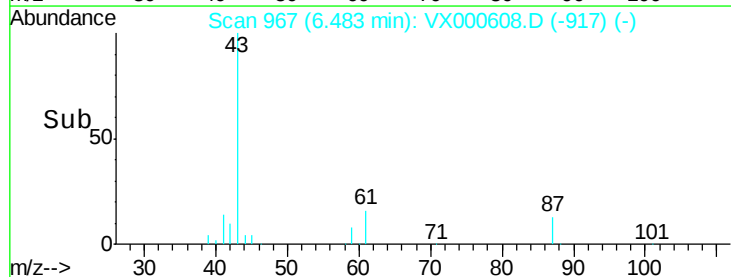
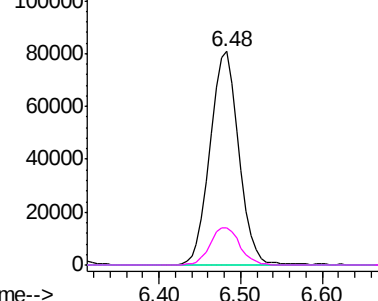


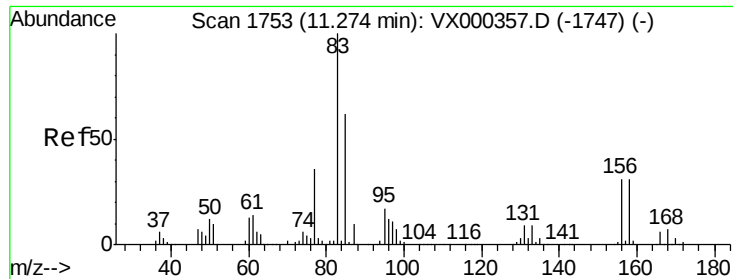
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.150 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

ClientSampleId :

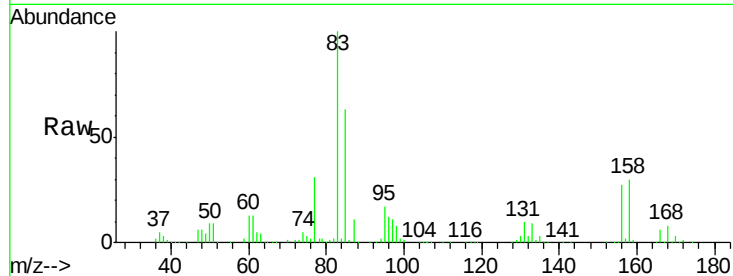
Tot Ion: 83 Resp: 171341

Ion Ratio Lower Upper

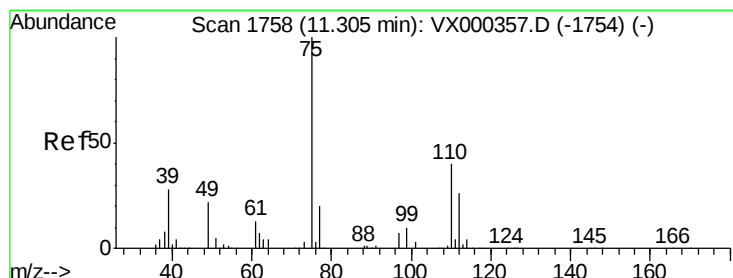
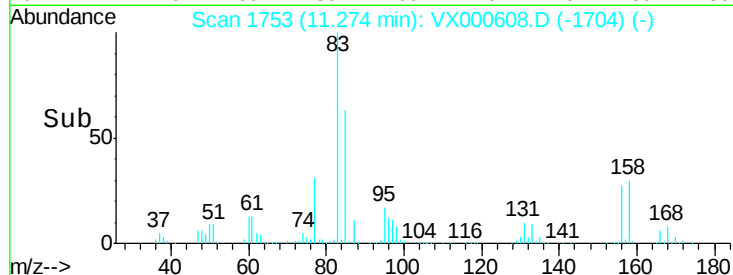
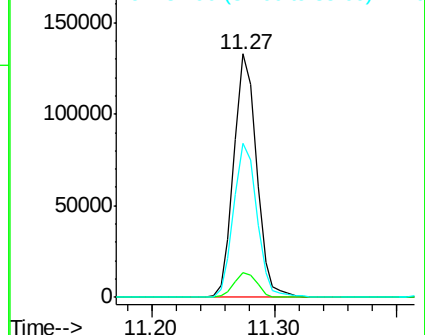
83 100

131 10.4 5.0 14.9

85 65.0 32.5 97.5



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: 57.519 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000608.D

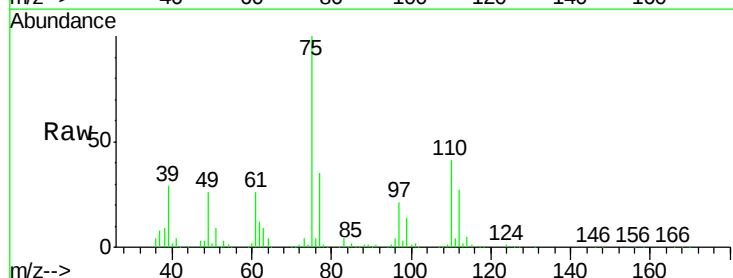
Acq: 31 Mar 2018 22:06

Tgt Ion: 75 Resp: 191686

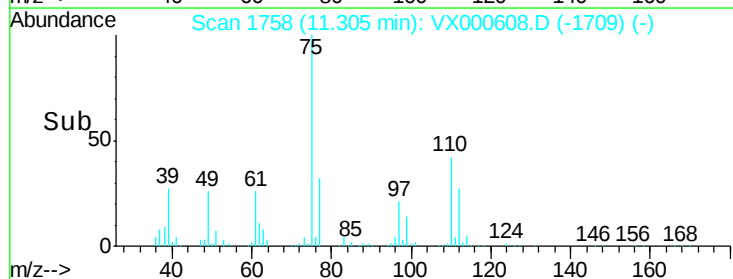
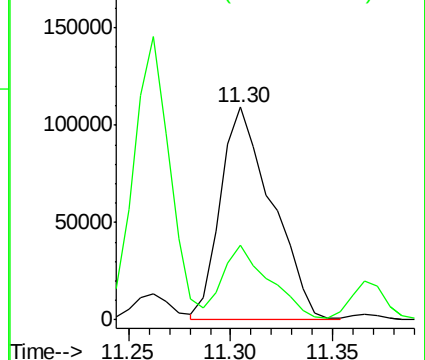
Ion Ratio Lower Upper

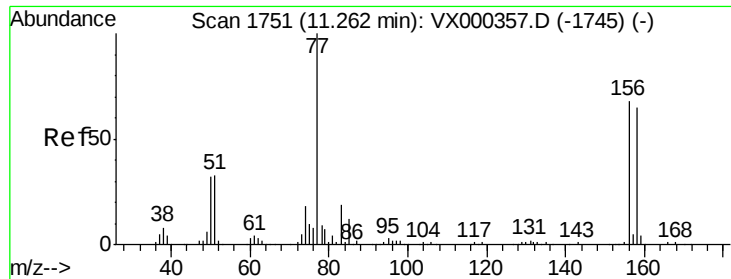
75 100

77 32.1 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.501 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

ClientSampleId :

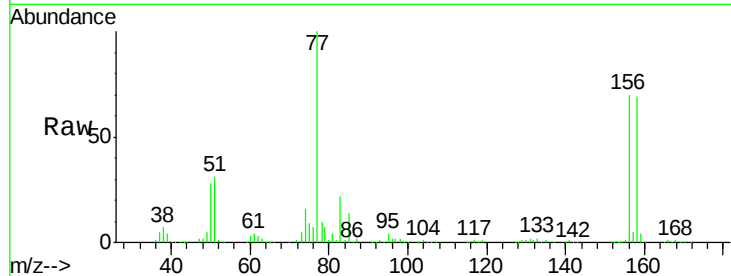
Tot Ion:156 Resp: 124537

Ion Ratio Lower Upper

156 100

77 144.1 73.4 220.2

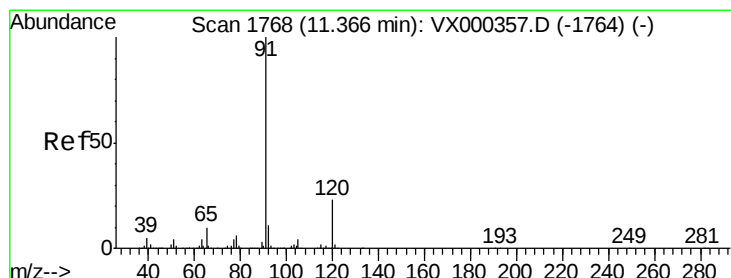
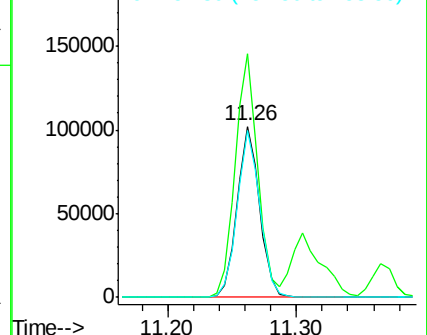
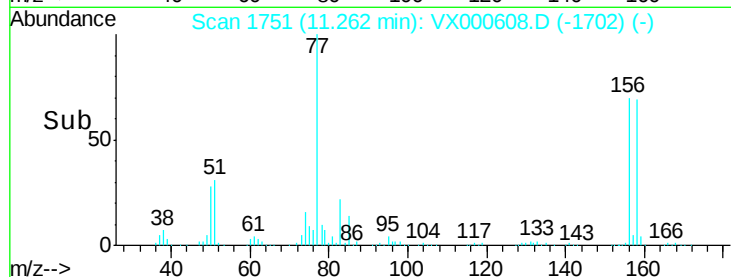
158 98.9 48.5 145.6



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: 47.235 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000608.D

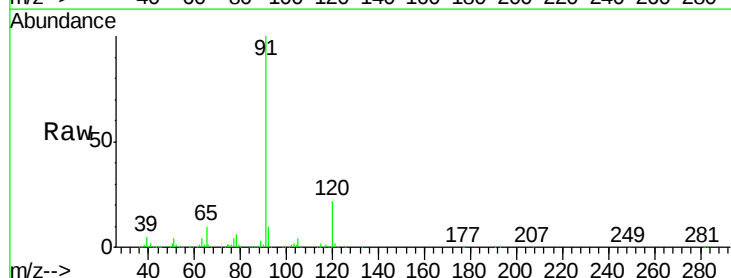
Acq: 31 Mar 2018 22:06

Tgt Ion: 91 Resp: 578670

Ion Ratio Lower Upper

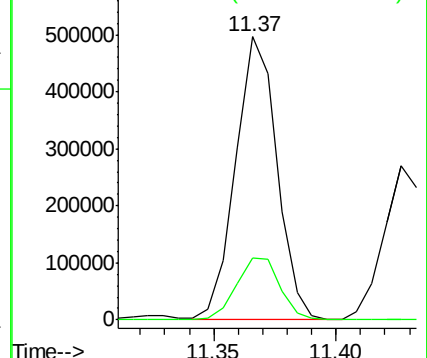
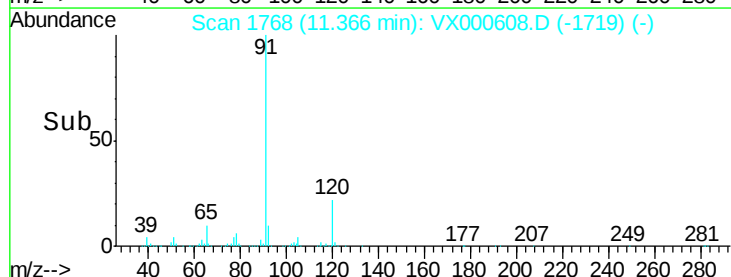
91 100

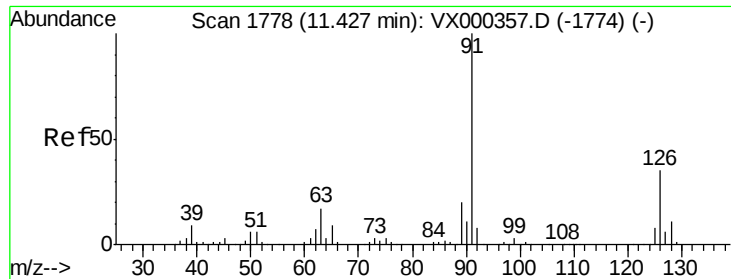
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.033 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

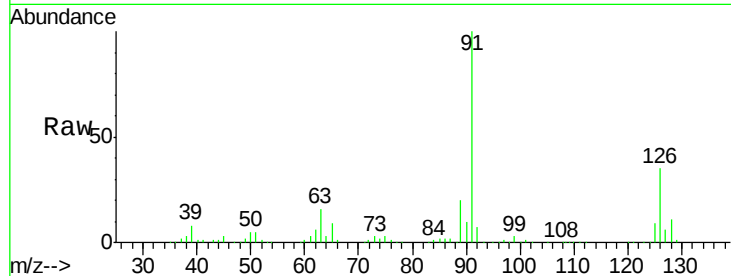
ClientSampleId :

Tot Ion: 91 Resp: 325786

Ion Ratio Lower Upper

91 100

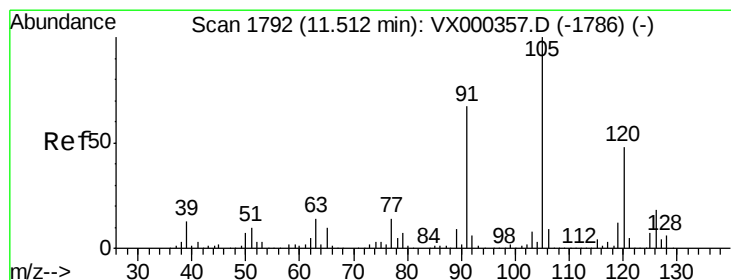
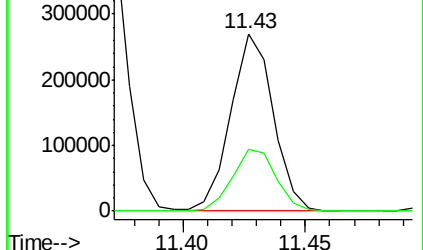
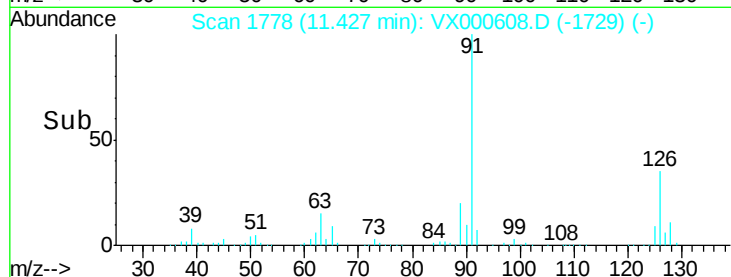
126 36.3 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000357.D (-1774) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.705 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000608.D

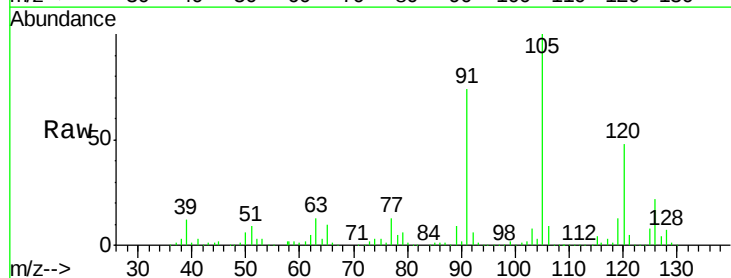
Acq: 31 Mar 2018 22:06

Tgt Ion: 105 Resp: 420757

Ion Ratio Lower Upper

105 100

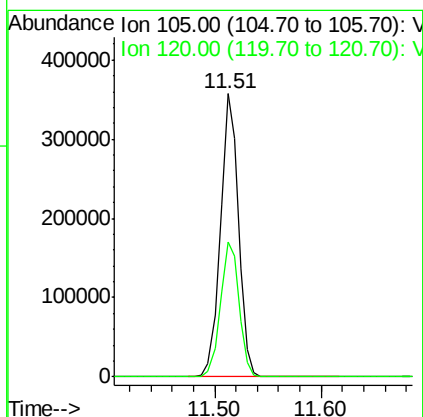
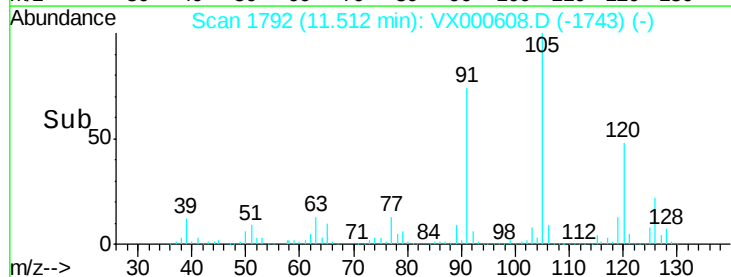
120 49.3 24.1 72.4

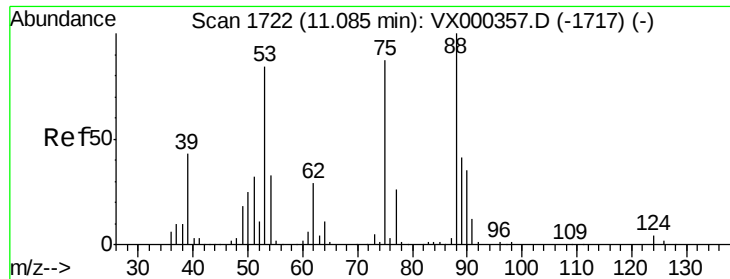


Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000357.D (-1786) (-)

Time-->

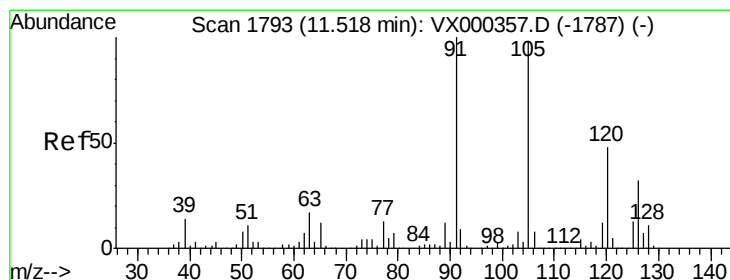
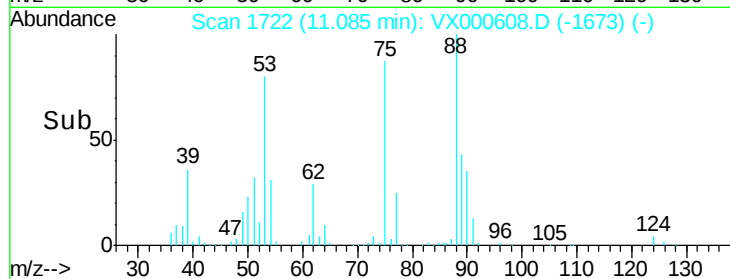
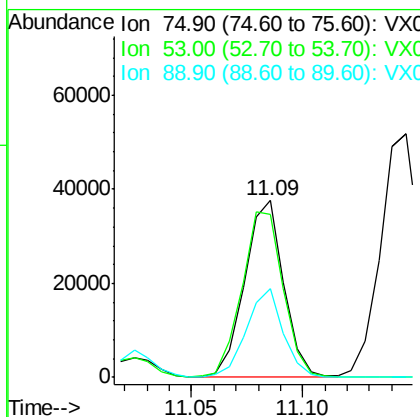
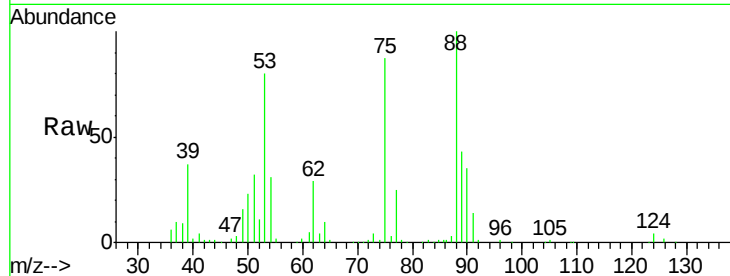




#81
trans-1,4-Dichloro-2-butene
Concen: 44.577 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

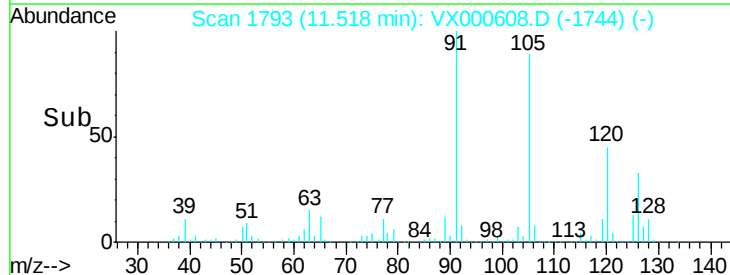
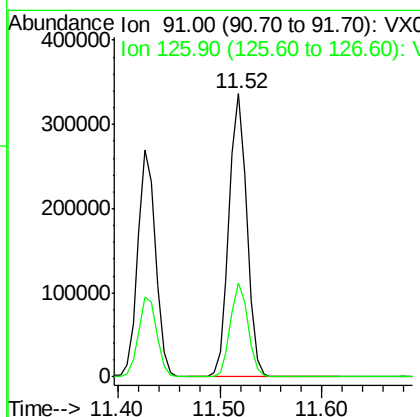
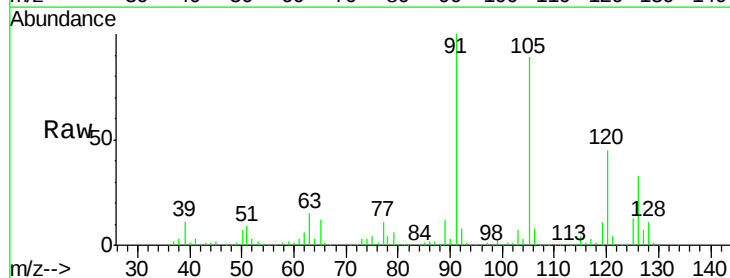
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 45885
Ion Ratio Lower Upper
75 100
53 99.3 80.7 121.1
89 47.4 39.4 59.0



#82
4-Chlorotoluene
Concen: 47.987 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000608.D
Acq: 31 Mar 2018 22:06

Tgt Ion: 91 Resp: 405505
Ion Ratio Lower Upper
91 100
126 32.6 15.4 46.1

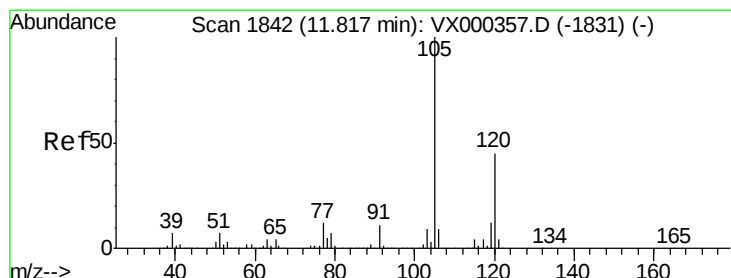
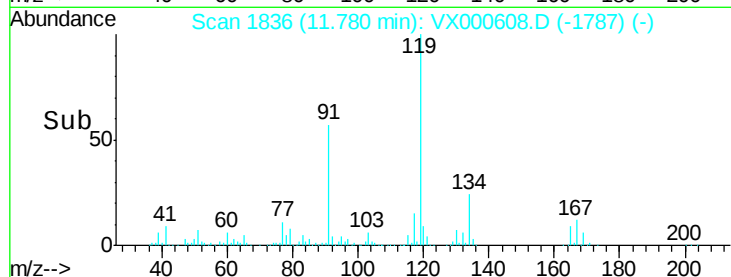
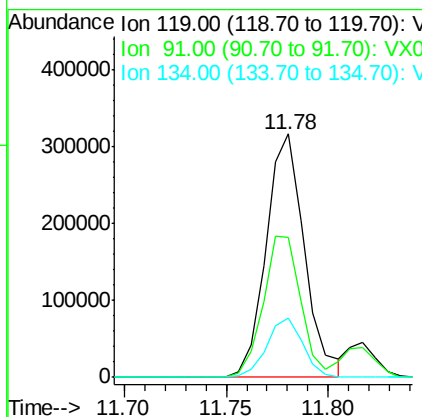
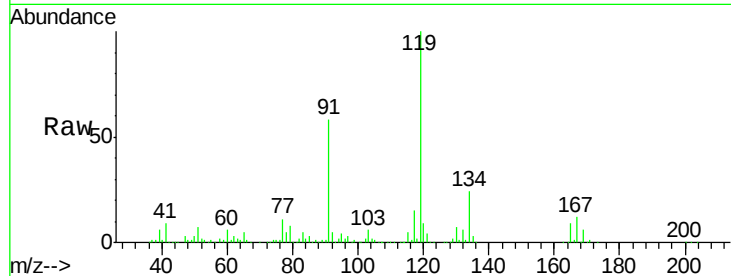




#83
 tert-Butylbenzene
 Concen: 47.616 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000608.D
 Acq: 31 Mar 2018 22:06

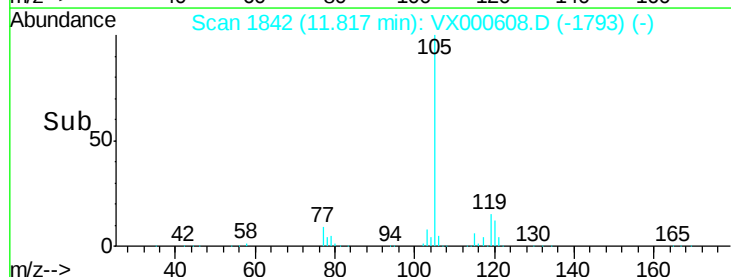
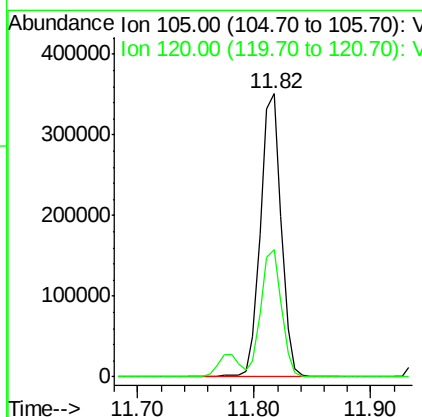
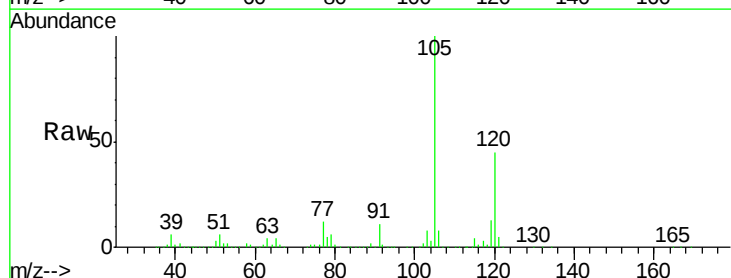
Instrument :
 MSVOA_X
 ClientSampled :

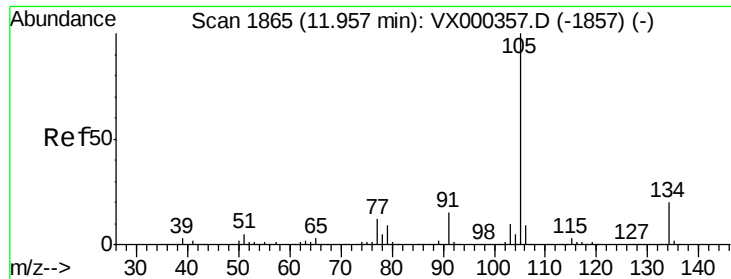
Tot Ion:119 Resp: 414860
 Ion Ratio Lower Upper
 119 100
 91 56.5 28.8 86.4
 134 23.0 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.425 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000608.D
 Acq: 31 Mar 2018 22:06

Tgt Ion:105 Resp: 438605
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 48.094 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

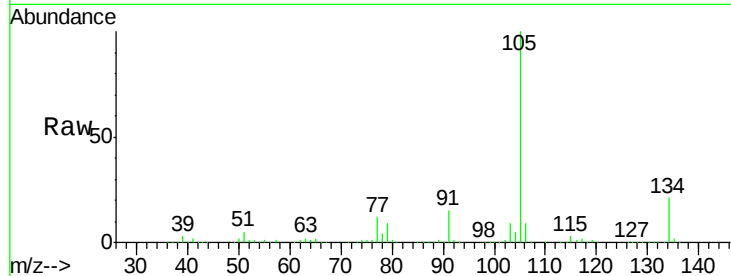
ClientSampleId :

Tot Ion:105 Resp: 518481

Ion Ratio Lower Upper

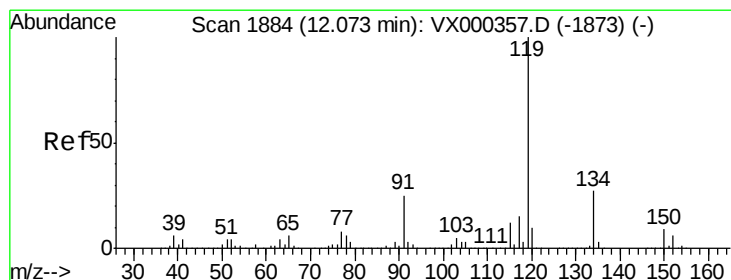
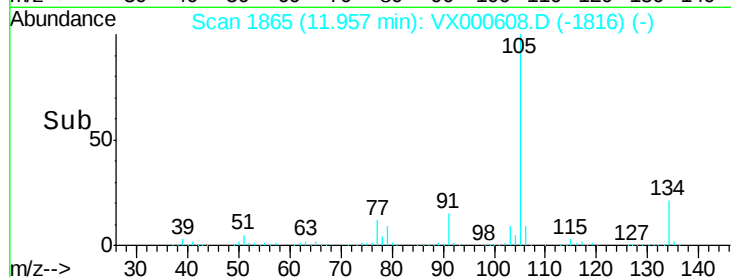
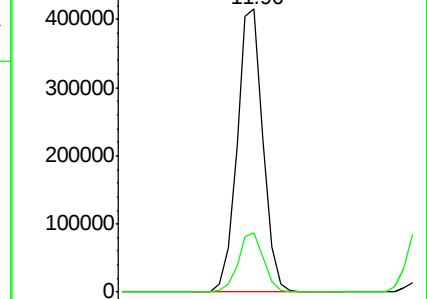
105 100

134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.233 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

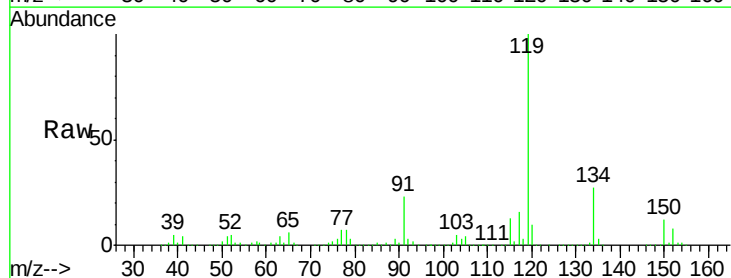
Tgt Ion:119 Resp: 471372

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

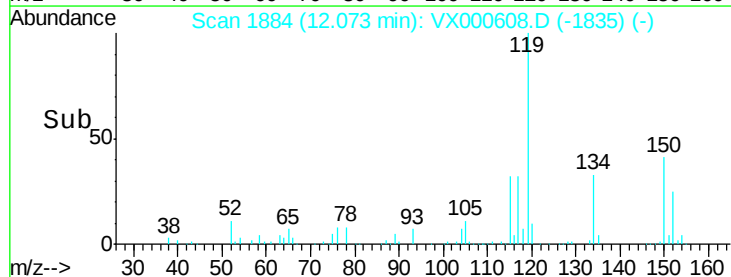
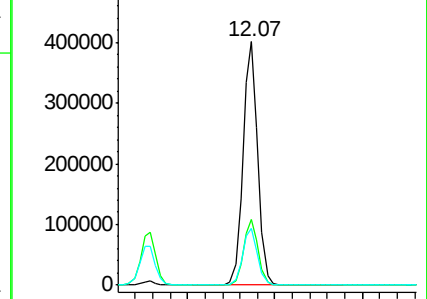
91 23.6 12.0 36.1



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): V

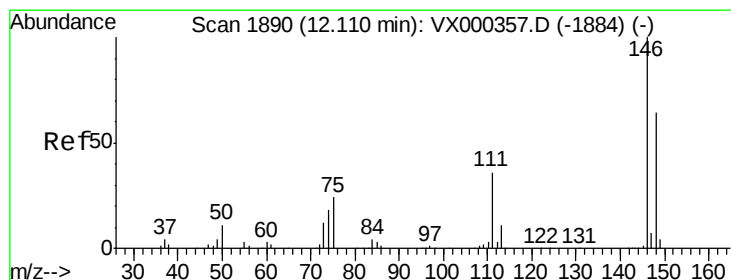
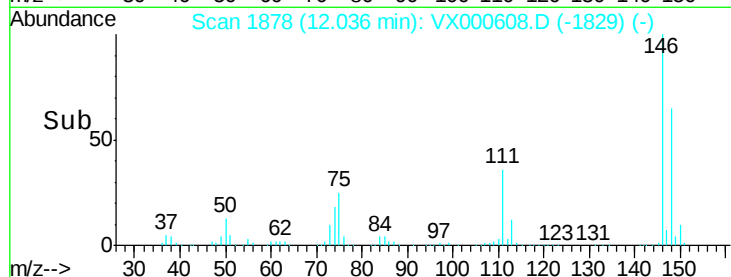
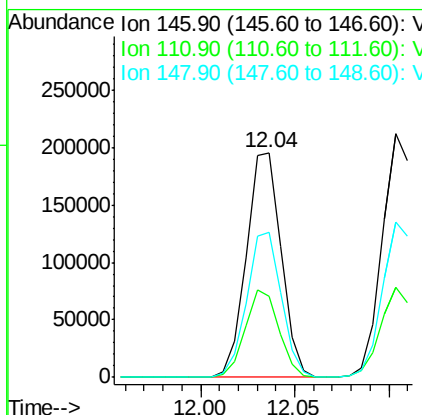
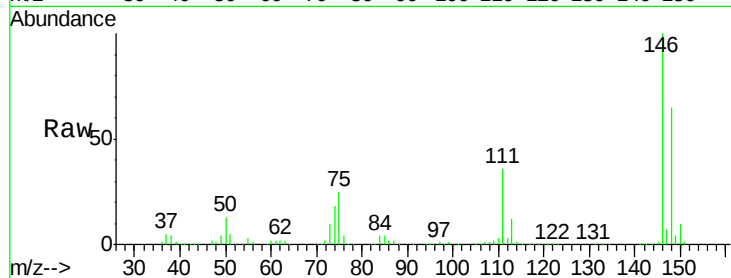




#87
 1,3-Dichlorobenzene
 Concen: 48.613 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000608.D
 Acq: 31 Mar 2018 22:06

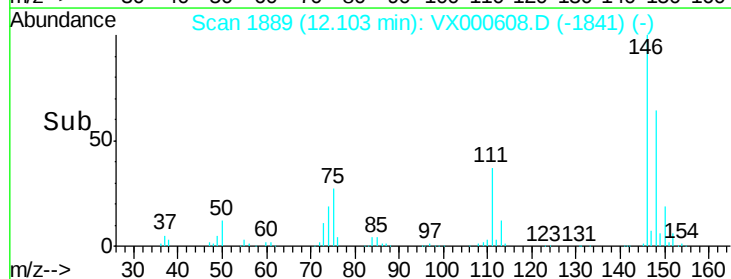
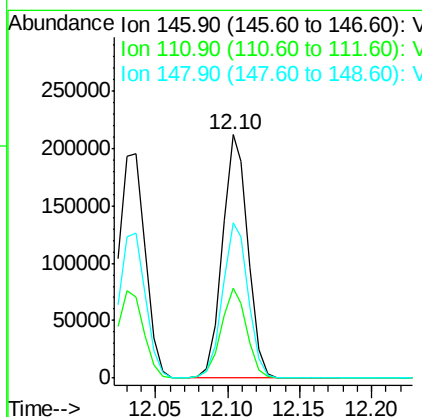
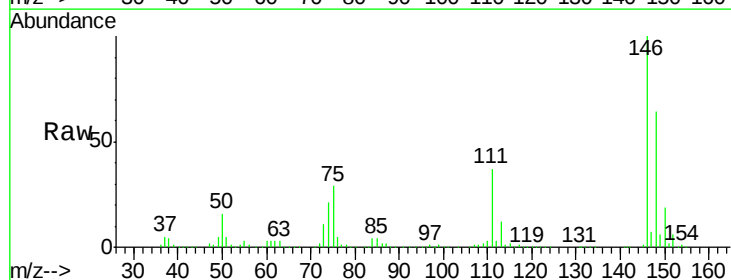
Instrument :
 MSVOA_X
 ClientSampled :

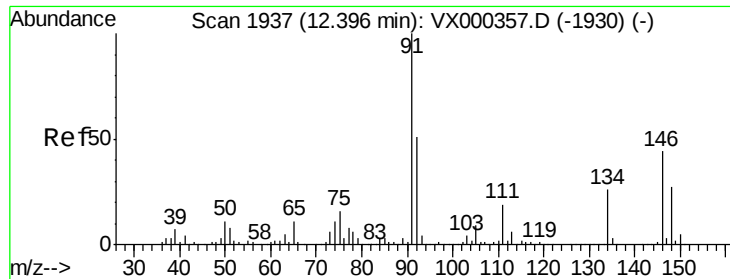
Tot Ion:146 Resp: 251578
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.5 58.5
 148 64.2 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 48.463 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000608.D
 Acq: 31 Mar 2018 22:06

Tgt Ion:146 Resp: 263310
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.9 56.9
 148 64.0 31.0 93.0





#89

n-Butylbenzene

Concen: 48.382 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

ClientSampleId :

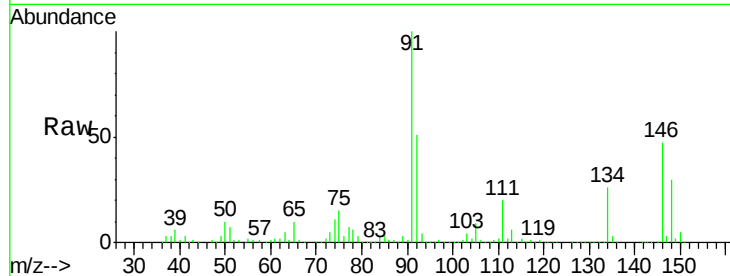
Tot Ion: 91 Resp: 431301

Ion Ratio Lower Upper

91 100

92 51.5 25.9 77.8

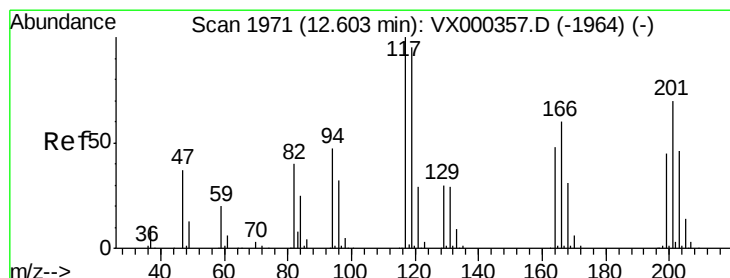
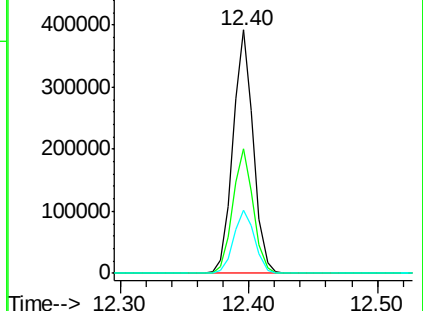
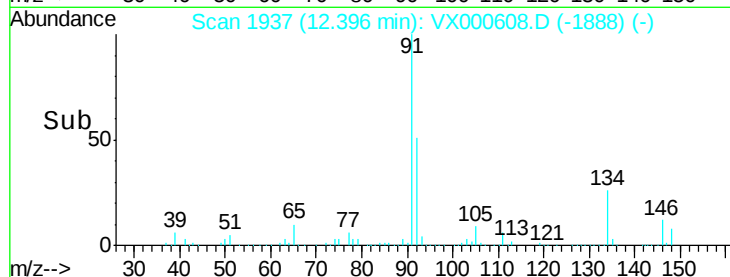
134 26.7 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX000608.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000608.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000608.D (-1930) (-)



#90

Hexachloroethane

Concen: 47.706 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000608.D

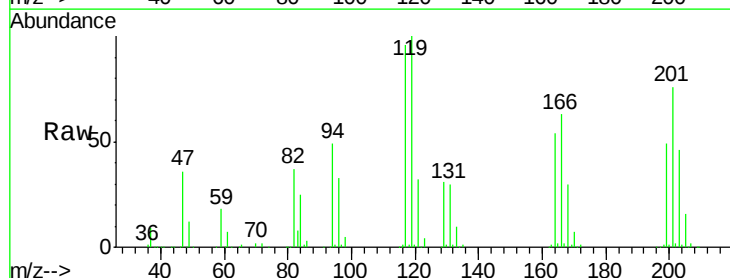
Acq: 31 Mar 2018 22:06

Tgt Ion: 117 Resp: 71893

Ion Ratio Lower Upper

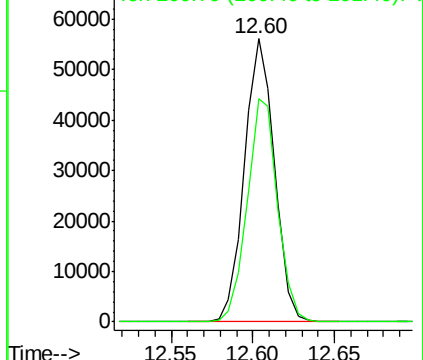
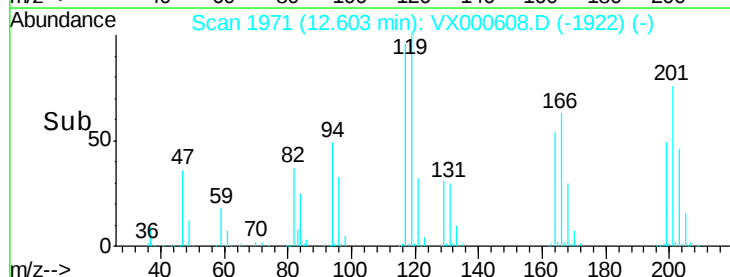
117 100

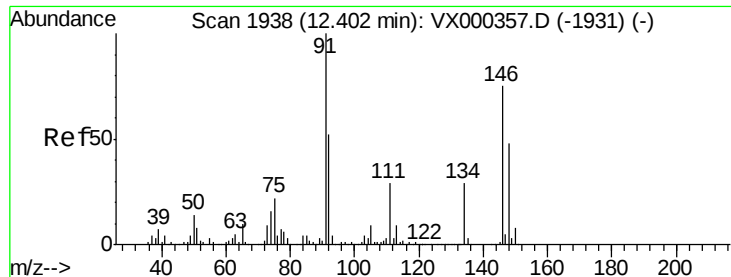
201 79.8 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VX000608.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000608.D (-1964) (-)





#91

1,2-Dichlorobenzene

Concen: 49.587 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

ClientSampleId :

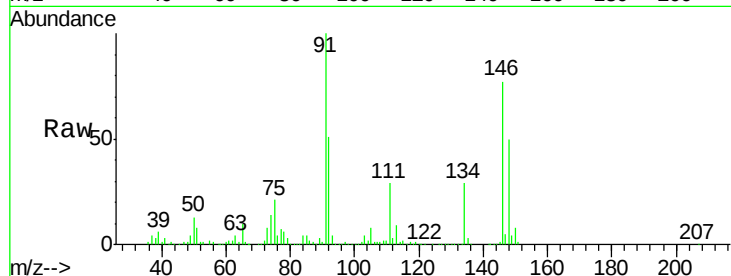
Tot Ion:146 Resp: 251585

Ion Ratio Lower Upper

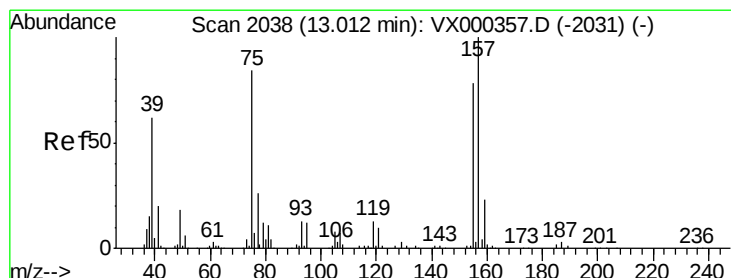
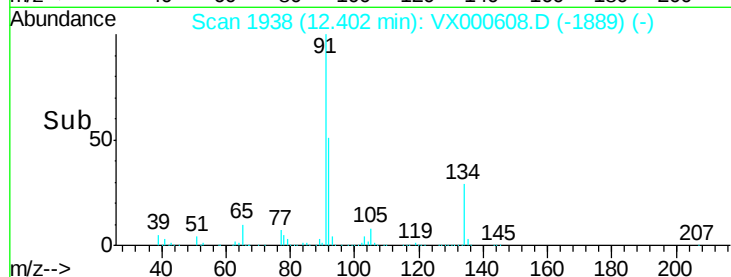
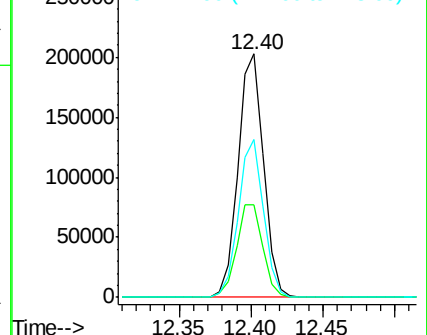
146 100

111 39.2 20.1 60.2

148 63.4 31.2 93.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.366 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.01 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

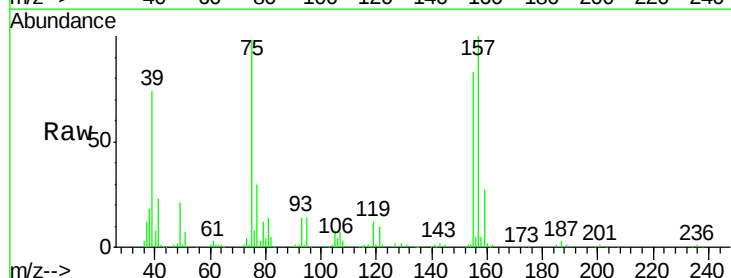
Tgt Ion: 75 Resp: 46991

Ion Ratio Lower Upper

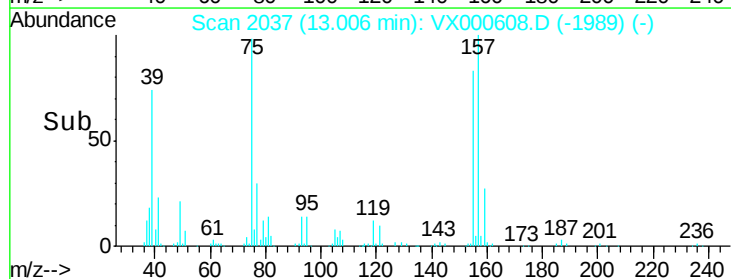
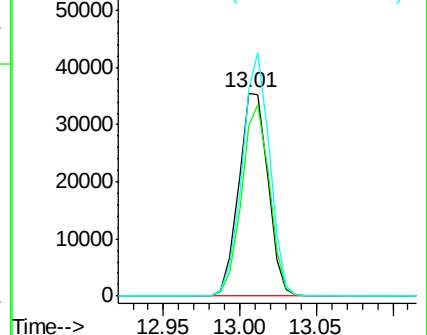
75 100

155 89.6 45.0 134.8

157 112.4 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

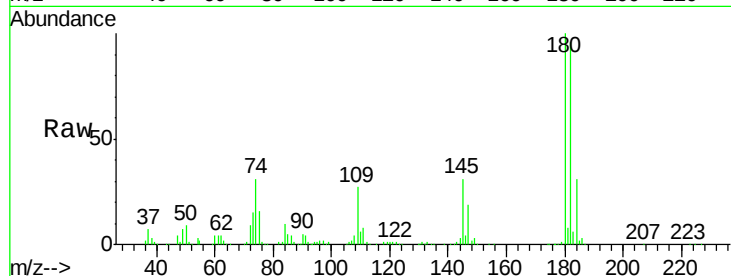




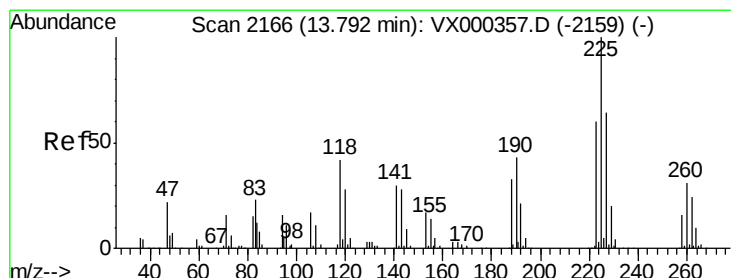
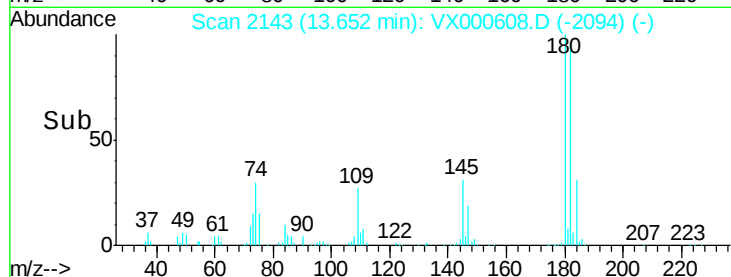
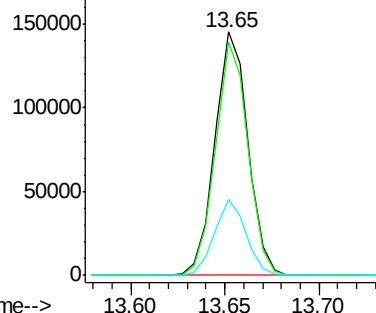
#93
 1,2,4-Trichlorobenzene
 Concen: 48.406 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000608.D
 Acq: 31 Mar 2018 22:06

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.6	142.9
145	29.8	15.1	45.3

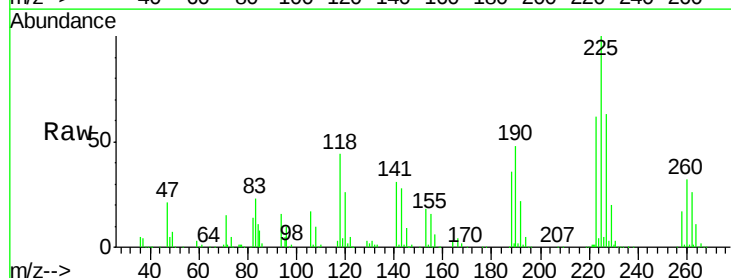


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

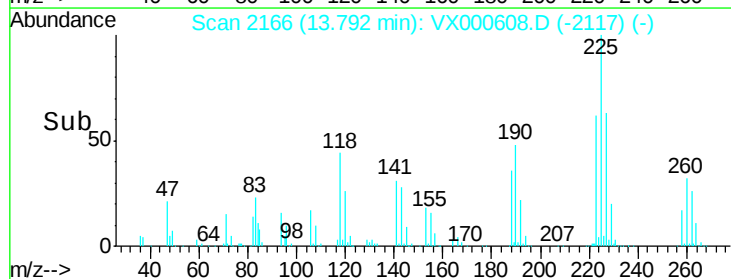
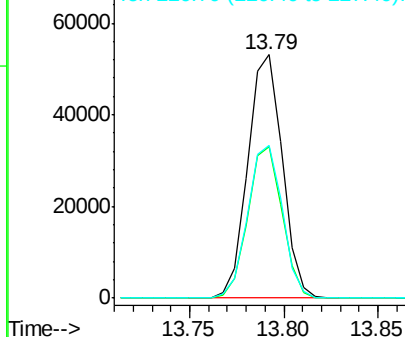


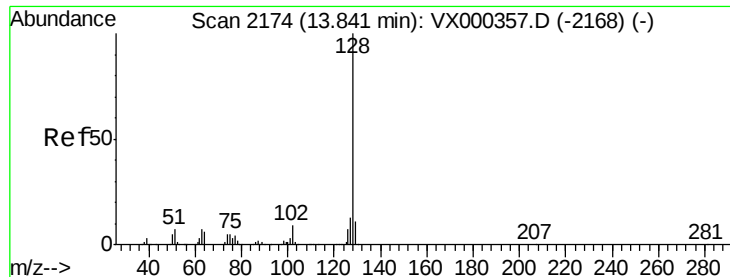
#94
 Hexachlorobutadiene
 Concen: 44.885 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000608.D
 Acq: 31 Mar 2018 22:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	32.0	96.0
227	62.6	32.6	98.0



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: 49.840 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

Instrument :

MSVOA_X

ClientSampleId :

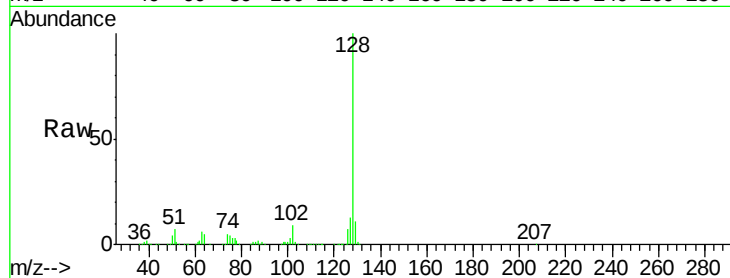
Tot Ion:128 Resp: 631494

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

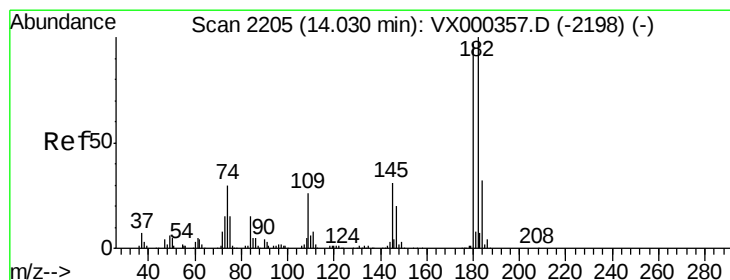
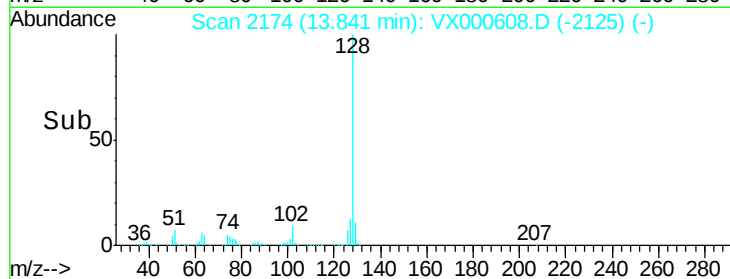
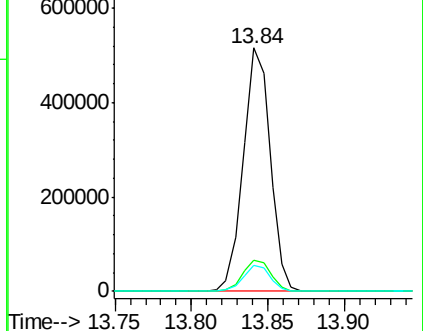
129 10.7 8.9 13.3



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: 48.480 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000608.D

Acq: 31 Mar 2018 22:06

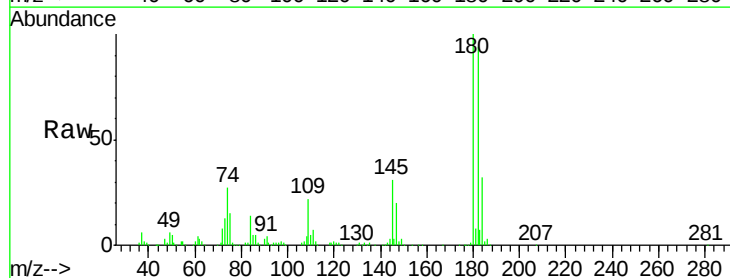
Tgt Ion:180 Resp: 174241

Ion Ratio Lower Upper

180 100

182 96.1 47.4 142.3

145 31.3 15.8 47.3



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

