

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000610.D
 Acq On : 31 Mar 2018 23:23
 Operator : JC/MD
 Sample : VX0331WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 05:23:04 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	5.68	168	126113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	204174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	221146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	131722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	86262	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
35) Dibromofluoromethane	5.51	113	68143	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	8.73	98	286270	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
62) 4-Bromofluorobenzene	11.15	95	109197	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	21719	15.626	ug/l	99
3) Chloromethane	1.32	50	21966	15.002	ug/l	96
4) Vinyl Chloride	1.40	62	31327	20.248	ug/l	99
5) Bromomethane	1.64	94	25505	13.803	ug/l	98
6) Chloroethane	1.73	64	23815	27.189	ug/l	96
7) Trichlorofluoromethane	1.93	101	62518	22.388	ug/l	99
8) Diethyl Ether	2.19	74	22236	22.281	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33829	21.725	ug/l	98
10) Methyl Iodide	2.51	142	12160	11.483	ug/l	92
11) Tert butyl alcohol	3.07	59	62735	110.788	ug/l	100
12) 1,1-Dichloroethene	2.38	96	31818	23.277	ug/l	95
13) Acrolein	2.30	56	35821	201.149	ug/l	99
14) Allyl chloride	2.73	41	54123	22.362	ug/l	99
15) Acrylonitrile	3.16	53	124598	108.640	ug/l	98
16) Acetone	2.45	43	117528	85.821	ug/l	100
17) Carbon Disulfide	2.57	76	81052	22.299	ug/l	99
18) Methyl Acetate	2.78	43	63857	22.242	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	114304	22.609	ug/l	99
20) Methylene Chloride	2.86	84	35900	22.697	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	34476	22.610	ug/l	94
22) Diisopropyl ether	3.89	45	73406	17.178	ug/l #	90
23) Vinyl Acetate	3.84	43	337335	83.273	ug/l	99
24) 1,1-Dichloroethane	3.70	63	41837	15.572	ug/l	98
25) 2-Butanone	4.72	43	132377	85.999	ug/l	97
26) 2,2-Dichloropropane	4.59	77	27638	14.677	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	26914	18.885	ug/l	94
28) Bromochloromethane	5.03	49	23364	21.089	ug/l	99
29) Tetrahydrofuran	5.18	42	86867	91.722	ug/l	98
30) Chloroform	5.23	83	48366	19.209	ug/l	97
31) Cyclohexane	5.59	56	38071	18.330	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	43512	19.156	ug/l	97
36) 1,1-Dichloropropene	5.81	75	36313	18.987	ug/l	98
37) Ethyl Acetate	4.87	43	48245	18.468	ug/l	99
38) Carbon Tetrachloride	5.79	117	37479	18.680	ug/l	97

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 05:23:04 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)
39) Methylcyclohexane	7.47	83	41831	17.985	ug/l	95
40) Benzene	6.15	78	110167	19.836	ug/l	98
41) Methacrylonitrile	5.07	41	24334	17.668	ug/l	97
42) 1,2-Dichloroethane	6.20	62	42438	19.475	ug/l	97
43) Isopropyl Acetate	6.48	43	71301	18.335	ug/l	99
44) Trichloroethene	7.22	130	30281	19.031	ug/l	95
45) 1,2-Dichloropropane	7.52	63	27313	19.212	ug/l	90
46) Dibromomethane	7.67	93	21758	19.498	ug/l	97
47) Bromodichloromethane	7.91	83	39896	20.321	ug/l	99
48) Methyl methacrylate	7.79	41	36329	19.243	ug/l	99
49) 1,4-Dioxane	7.77	88	14394	362.715	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	293077	97.367	ug/l	99
52) Toluene	8.79	92	76249	19.638	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	42128	18.517	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	41005	18.581	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	31737	19.876	ug/l	97
56) Ethyl methacrylate	9.19	69	45521	18.814	ug/l	100
57) 1,3-Dichloropropane	9.38	76	52283	20.472	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	112214	96.633	ug/l	99
59) 2-Hexanone	9.51	43	243523	95.280	ug/l	99
60) Dibromochloromethane	9.59	129	32766	20.029	ug/l	99
61) 1,2-Dibromoethane	9.68	107	35942	20.991	ug/l	96
64) Tetrachloroethene	9.34	164	32068	18.687	ug/l	95
65) Chlorobenzene	10.15	112	90261	18.340	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	30176	18.054	ug/l	97
67) Ethyl Benzene	10.26	91	154785	18.553	ug/l	99
68) m/p-Xylenes	10.37	106	123475	37.612	ug/l	96
69) o-Xylene	10.71	106	58701	18.467	ug/l	100
70) Styrene	10.72	104	97601	18.557	ug/l	99
71) Bromoform	10.87	173	24381	17.433	ug/l #	98
73) Isopropylbenzene	11.02	105	164016	18.793	ug/l	98
74) N-amyl acetate	6.48	43	71301	16.539	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	58603	18.984	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	64243	22.694	ug/l	83
77) Bromobenzene	11.26	156	41715	17.942	ug/l	99
78) n-propylbenzene	11.37	91	193370	18.582	ug/l	99
79) 2-Chlorotoluene	11.43	91	108728	18.086	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	138131	18.823	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	14047	16.065	ug/l	90
82) 4-Chlorotoluene	11.52	91	136036	18.952	ug/l	100
83) tert-Butylbenzene	11.78	119	134079	18.116	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	144072	18.726	ug/l	99
85) sec-Butylbenzene	11.95	105	172040	18.787	ug/l	99
86) p-Isopropyltoluene	12.07	119	152225	18.717	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	81175	18.466	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	86386	18.717	ug/l	99
89) n-Butylbenzene	12.40	91	142307	18.793	ug/l	98
90) Hexachloroethane	12.60	117	22609	17.661	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	80463	18.670	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15029	17.457	ug/l	99

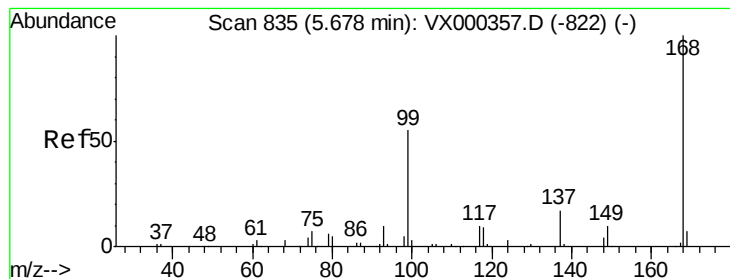
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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57251	18.530	ug/l	99
94) Hexachlorobutadiene	13.79	225	22276	17.413	ug/l	95
95) Naphthalene	13.84	128	203133	18.873	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	58207	19.065	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

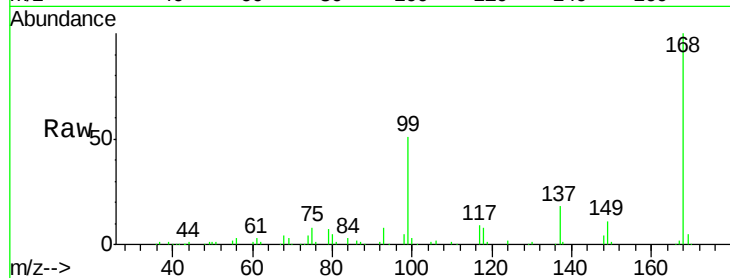
ClientSampleId :

Tot Ion:168 Resp: 126113

Ion Ratio Lower Upper

168 100

99 50.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

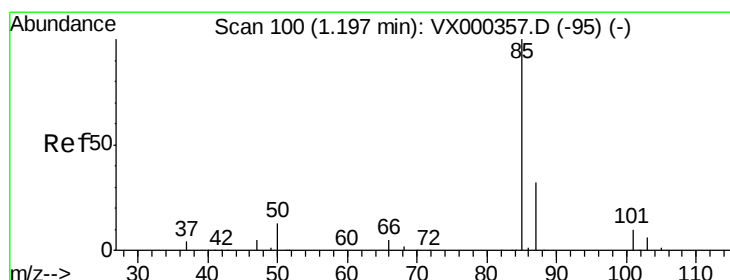
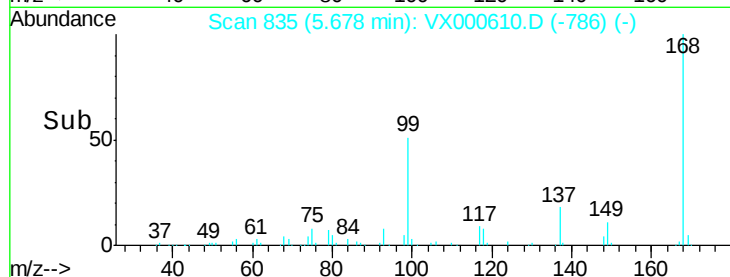
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 15.626 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000610.D

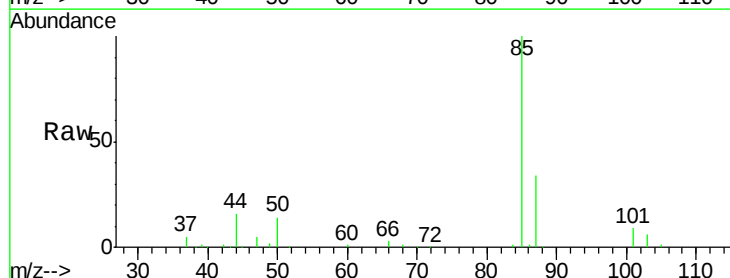
Acq: 31 Mar 2018 23:23

Tgt Ion: 85 Resp: 21719

Ion Ratio Lower Upper

85 100

87 34.0 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

25000

20000

15000

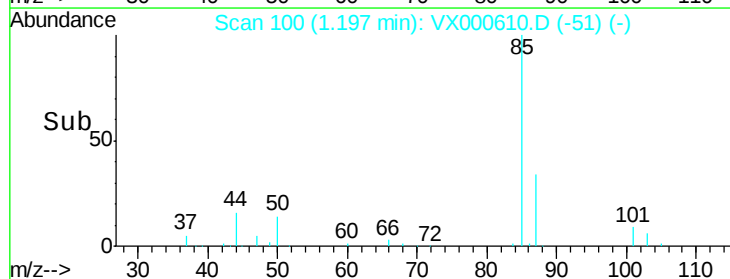
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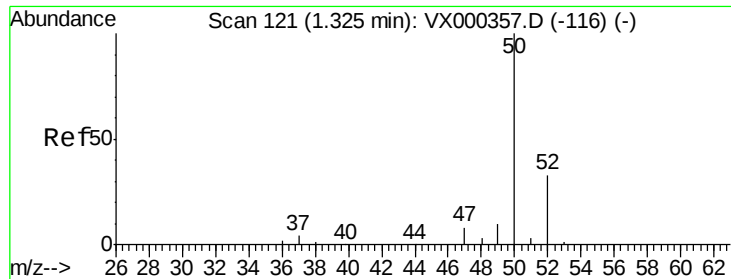
5000

0

1.15 1.20 1.25

Time-->

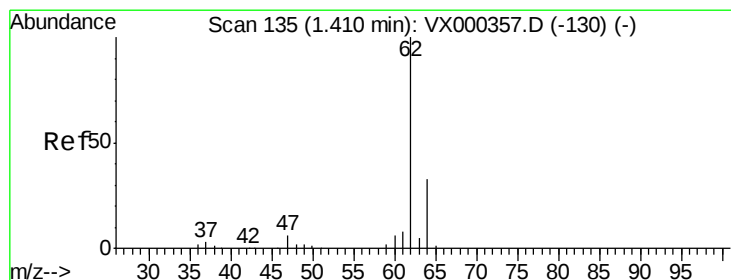
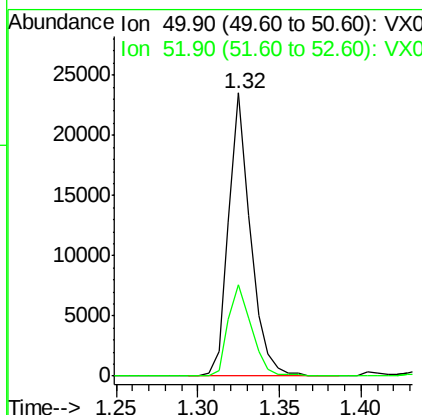
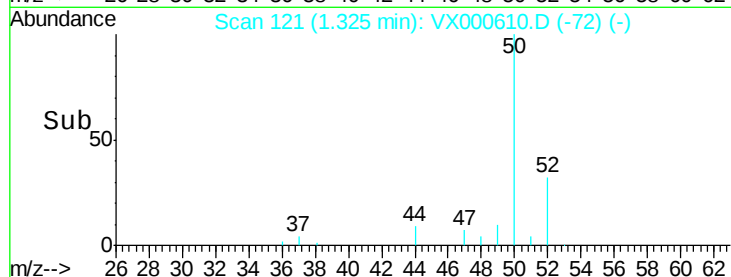
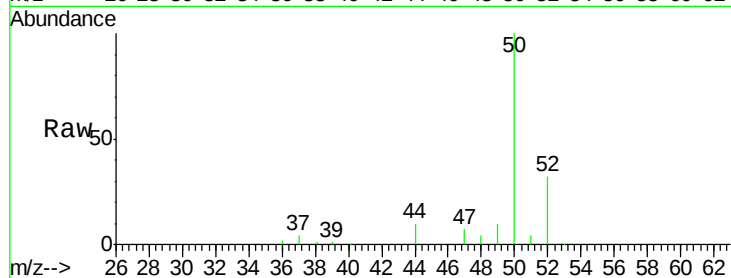




#3
 Chloromethane
 Concen: 15.002 ug/l
 RT: 1.32 min Scan# 121
 Delta R.T. -0.00 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

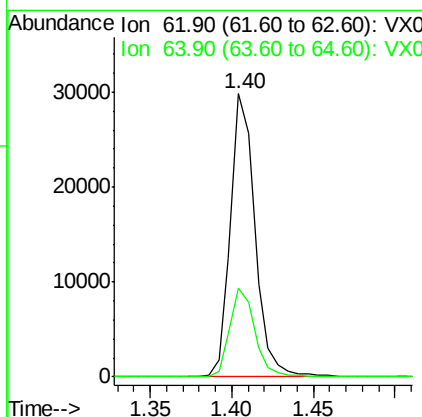
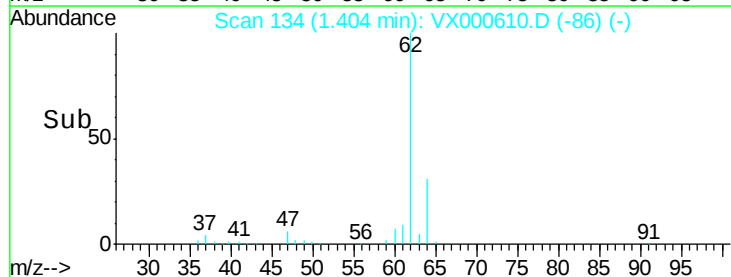
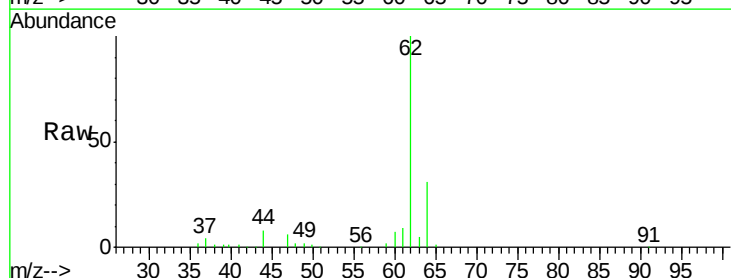
Instrument :
 MSVOA_X
 ClientSampleId :

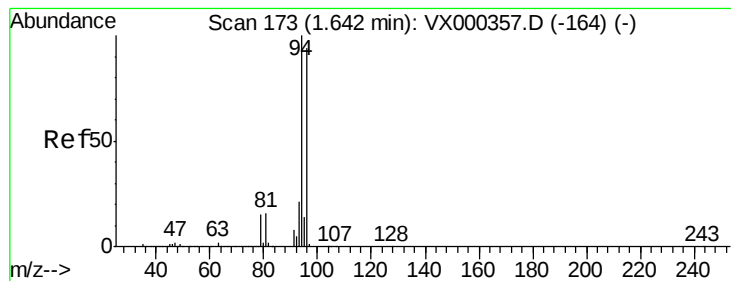
Tot Ion: 50 Resp: 21966
 Ion Ratio Lower Upper
 50 100
 52 32.4 27.5 41.3



#4
 Vinyl Chloride
 Concen: 20.248 ug/l
 RT: 1.40 min Scan# 134
 Delta R.T. -0.01 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

Tgt Ion: 62 Resp: 31327
 Ion Ratio Lower Upper
 62 100
 64 31.3 24.8 37.2





#5

Bromomethane

Concen: 13.803 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

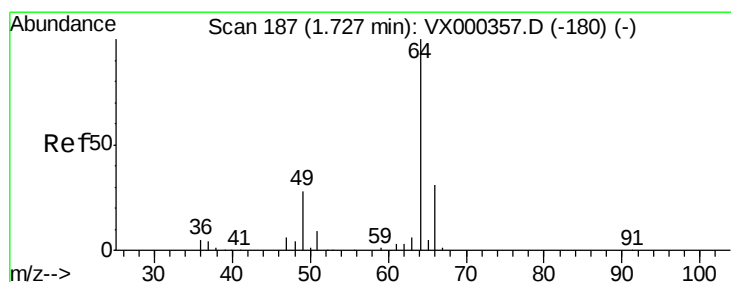
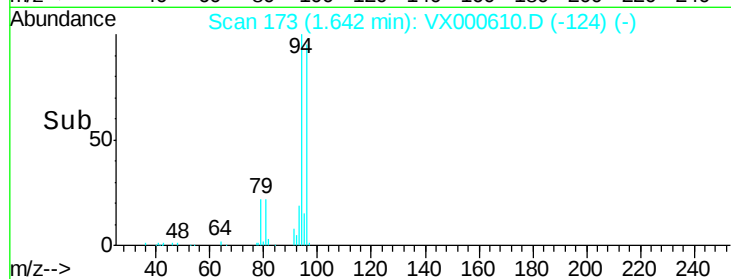
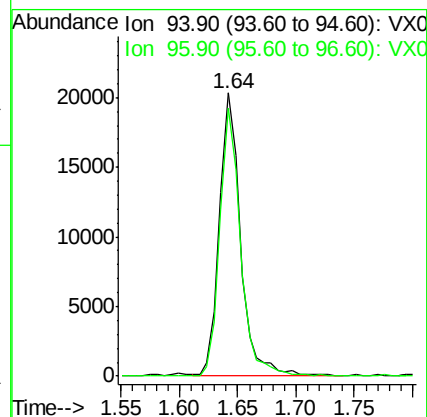
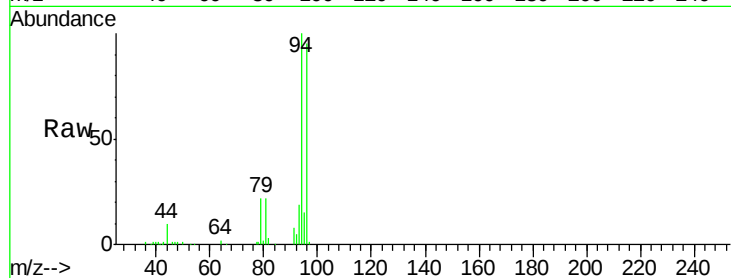
ClientSampleId :

Tot Ion: 94 Resp: 25505

Ion Ratio Lower Upper

94 100

96 94.8 77.7 116.5



#6

Chloroethane

Concen: 27.189 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000610.D

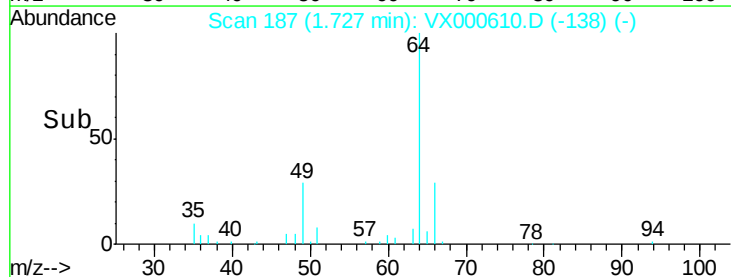
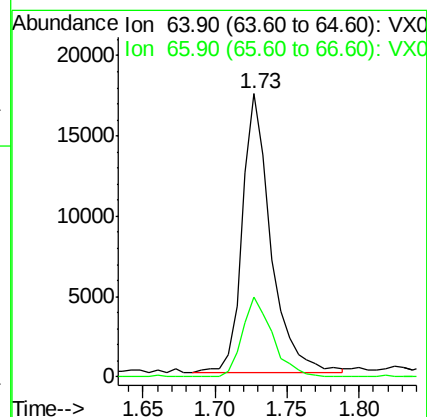
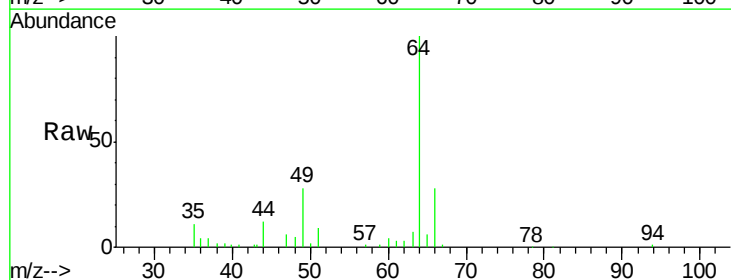
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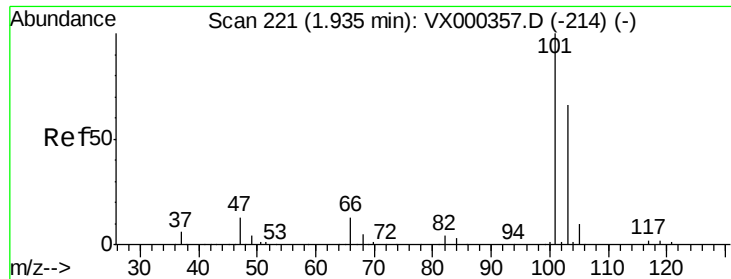
Tgt Ion: 64 Resp: 23815

Ion Ratio Lower Upper

64 100

66 28.9 24.8 37.2



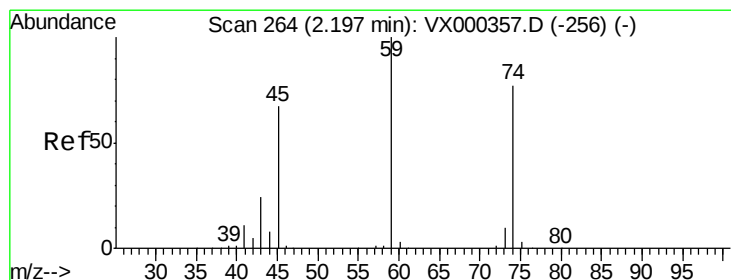
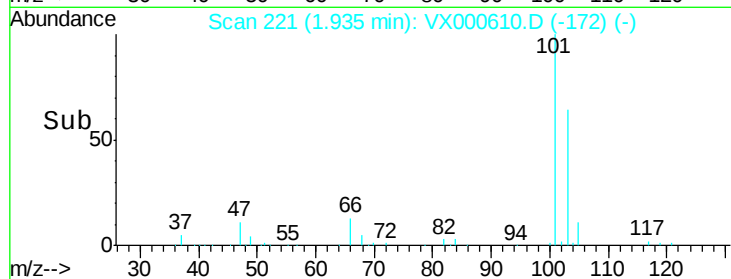
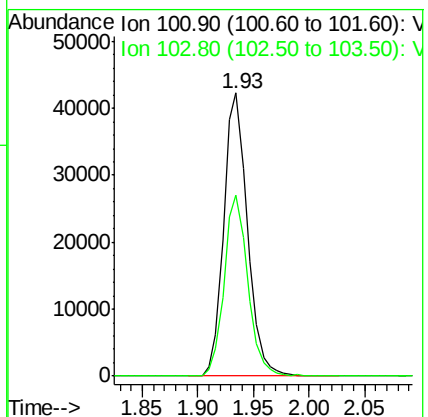
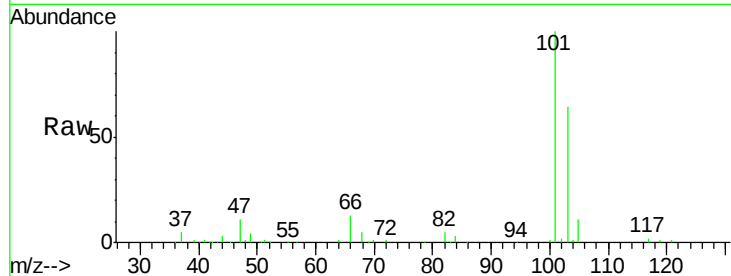


#7

Trichlorofluoromethane
Concen: 22.388 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Instrument :
MSVOA_X
ClientSampleId :

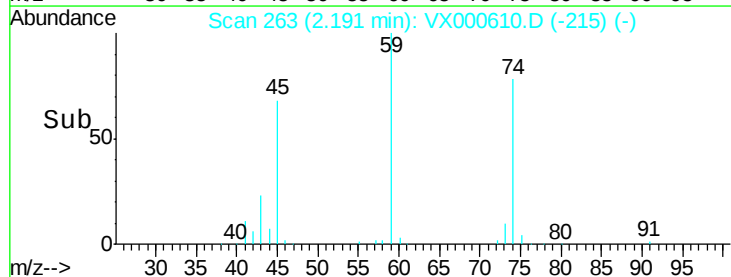
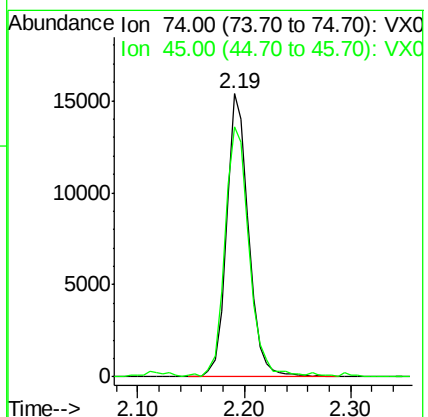
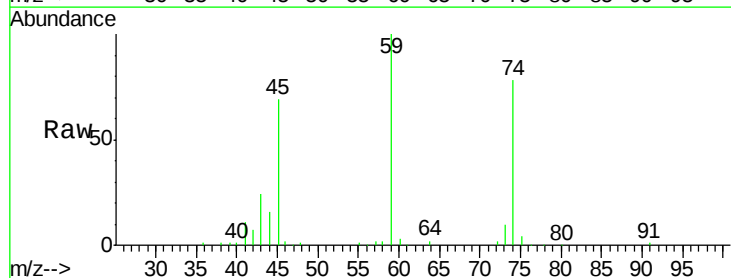
Tot Ion:101 Resp: 62518
Ion Ratio Lower Upper
101 100
103 63.8 51.6 77.4



#8

Diethyl Ether
Concen: 22.281 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Tgt Ion: 74 Resp: 22236
Ion Ratio Lower Upper
74 100
45 98.4 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.725 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

ClientSampled :

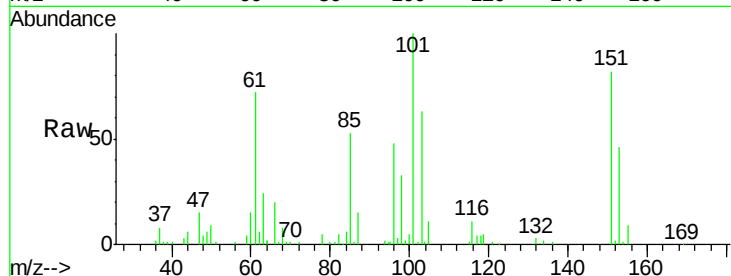
Tot Ion:101 Resp: 33829

Ion Ratio Lower Upper

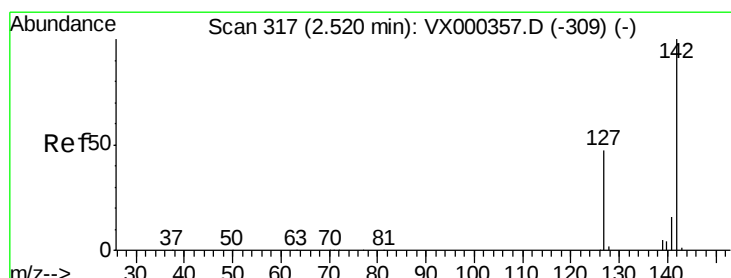
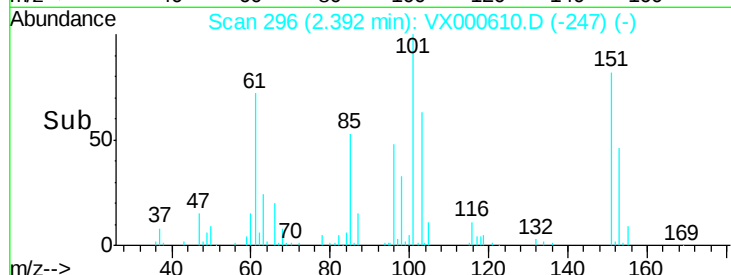
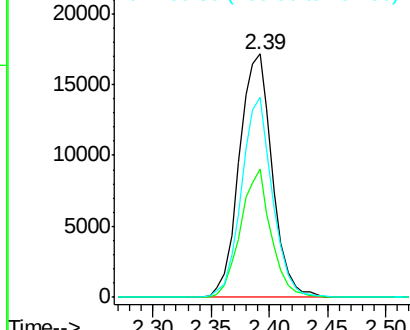
101 100

85 48.8 37.6 56.4

151 77.1 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: 11.483 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

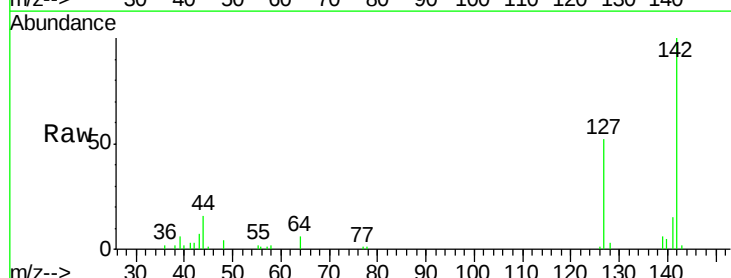
Tgt Ion:142 Resp: 12160

Ion Ratio Lower Upper

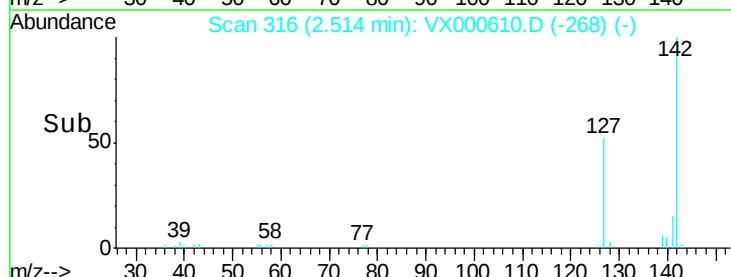
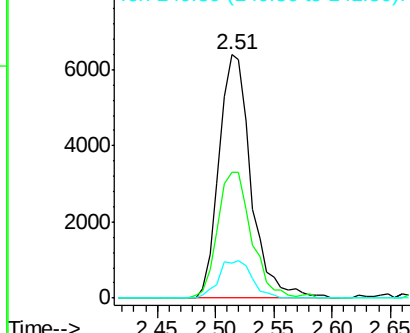
142 100

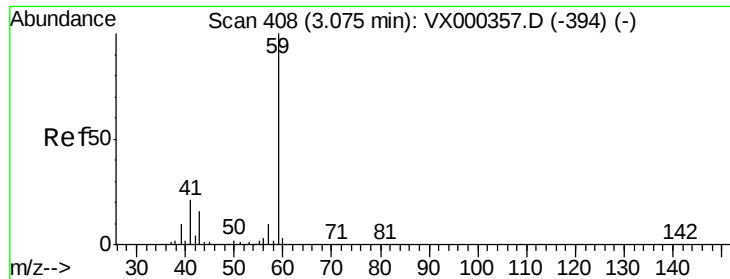
127 55.1 39.2 58.8

141 16.0 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

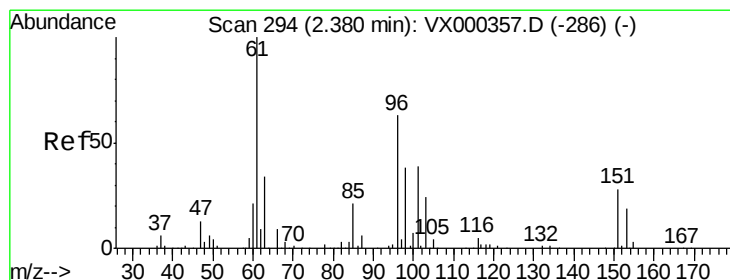
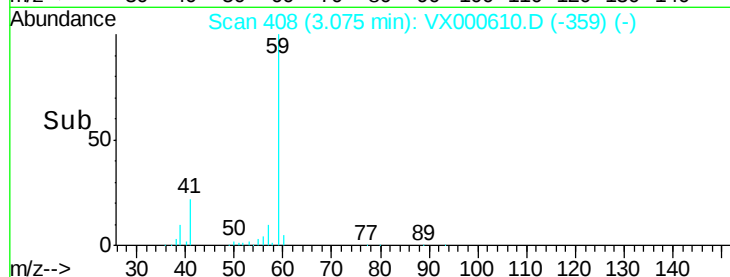
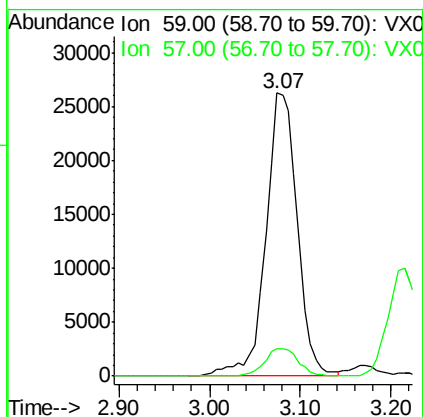
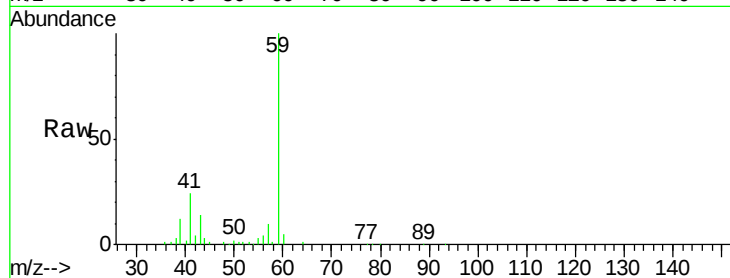




#11
Tert butyl alcohol
Concen: 110.788 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

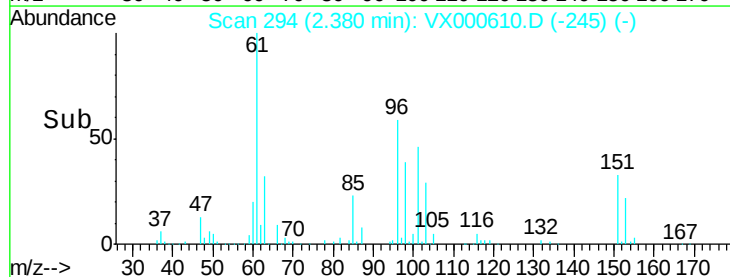
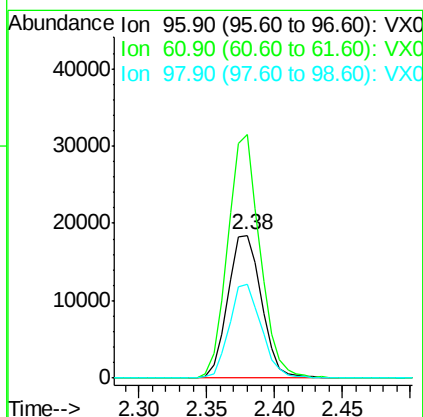
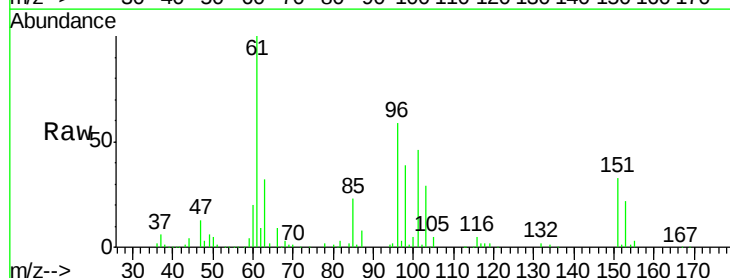
Instrument :
MSVOA_X
ClientSampled :

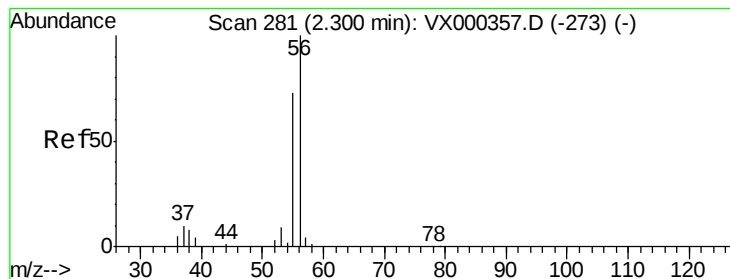
Tot Ion: 59 Resp: 62735
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 23.277 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Tgt Ion: 96 Resp: 31818
Ion Ratio Lower Upper
96 100
61 170.2 131.2 196.8
98 65.7 49.8 74.8





#13

Acrolein

Concen: 201.149 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

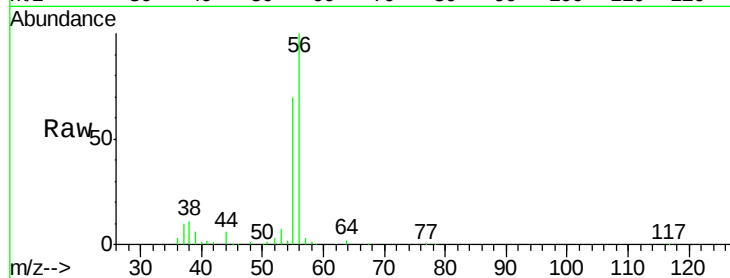
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 35821

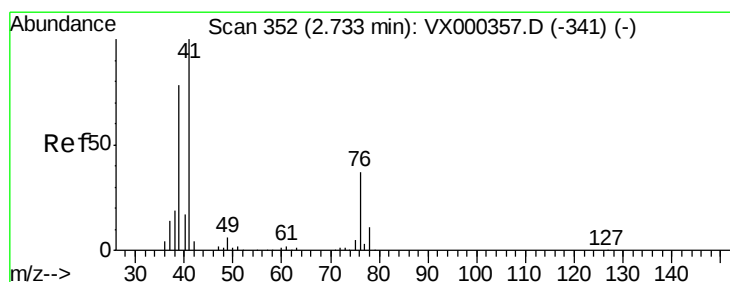
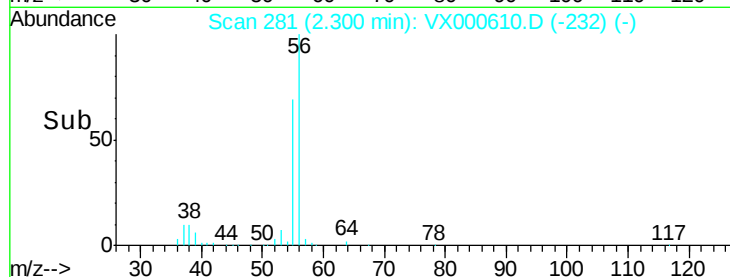
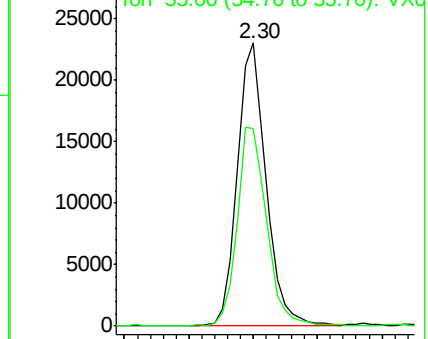
Ion Ratio Lower Upper

56 100

55 72.3 58.8 88.2



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



#14

Allyl chloride

Concen: 22.362 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

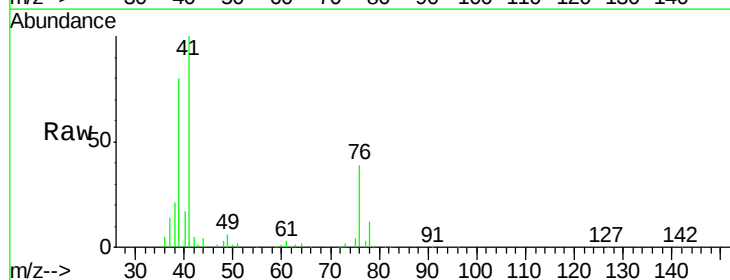
Tgt Ion: 41 Resp: 54123

Ion Ratio Lower Upper

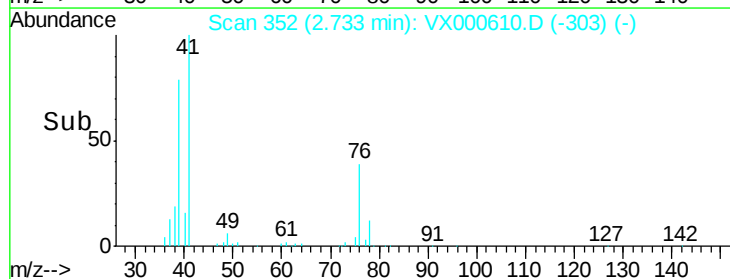
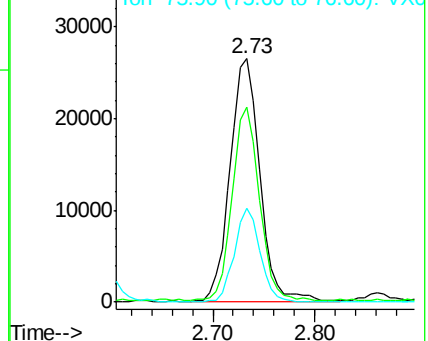
41 100

39 71.7 57.6 86.4

76 33.0 27.3 40.9



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





#15

Acrylonitrile

Concen: 108.640 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

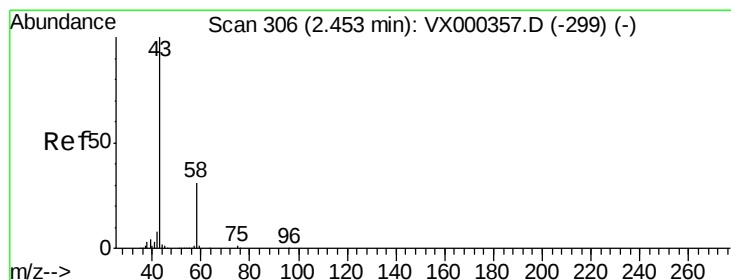
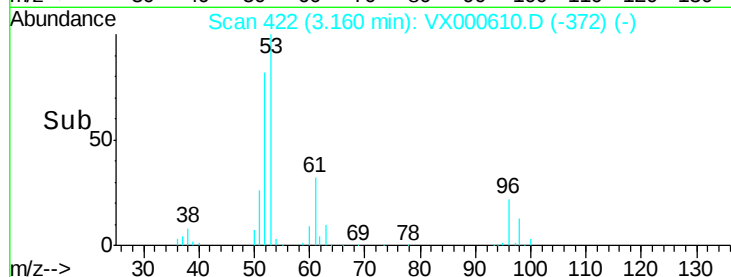
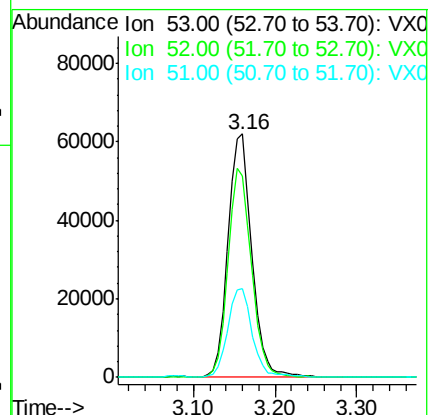
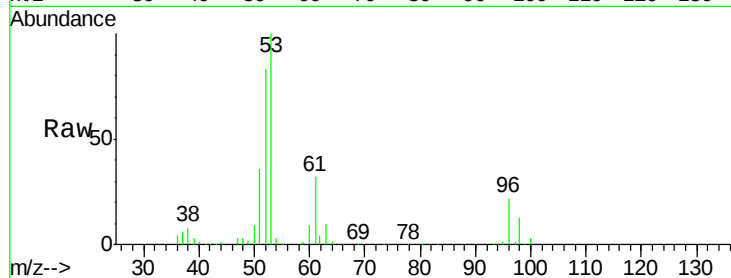
Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 124598

Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.6	99.8
51	37.9	29.3	43.9



#16

Acetone

Concen: 85.821 ug/l

RT: 2.45 min Scan# 306

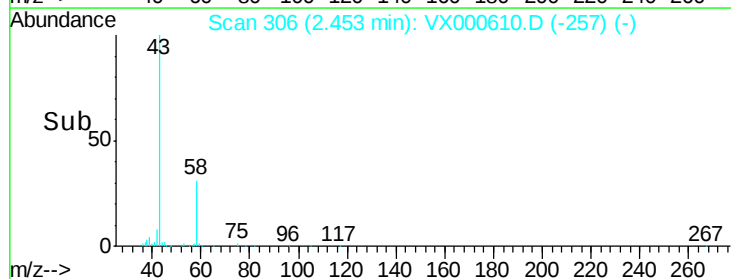
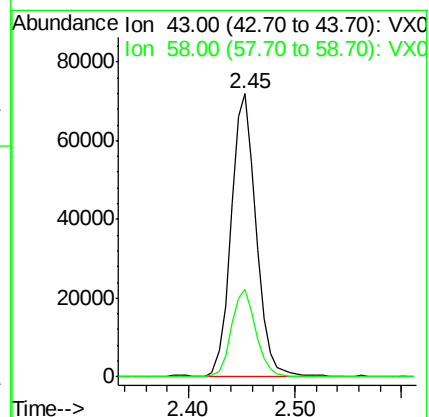
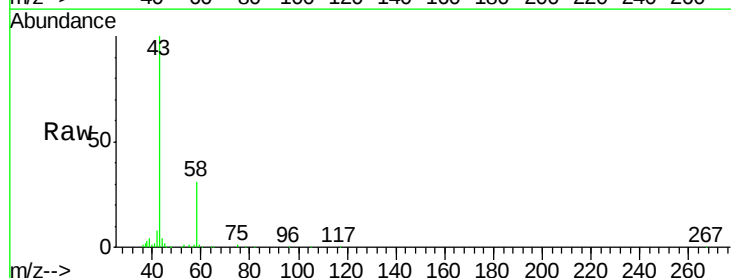
Delta R.T. -0.00 min

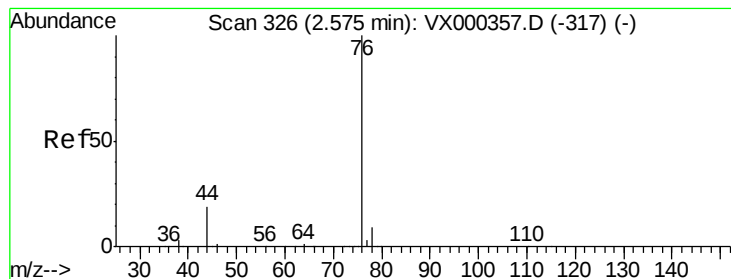
Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Tgt Ion: 43 Resp: 117528

Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.7	37.1





#17

Carbon Disulfide

Concen: 22.299 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

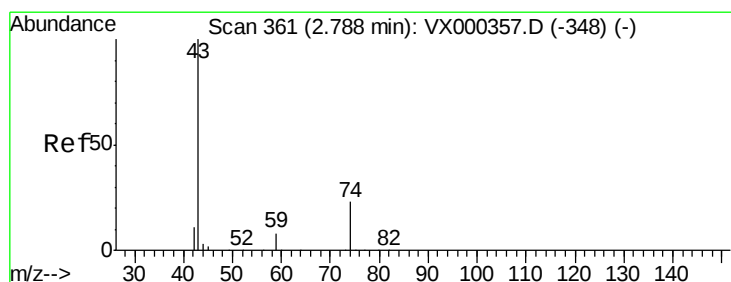
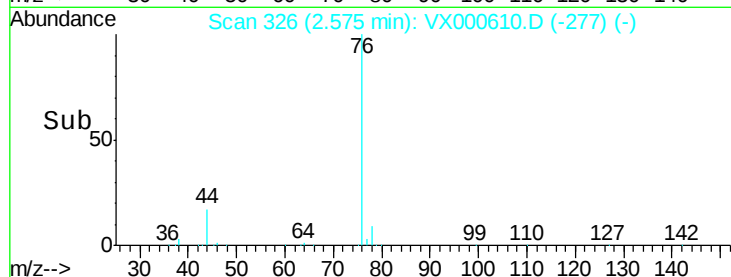
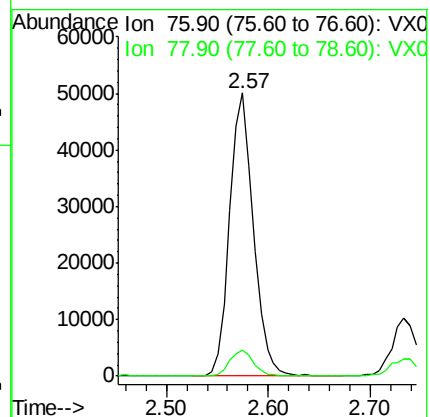
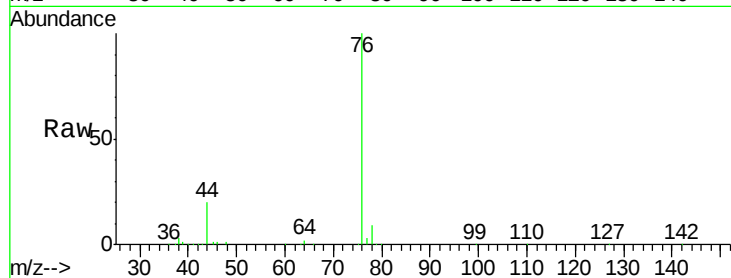
ClientSampled :

Tot Ion: 76 Resp: 81052

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



#18

Methyl Acetate

Concen: 22.242 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000610.D

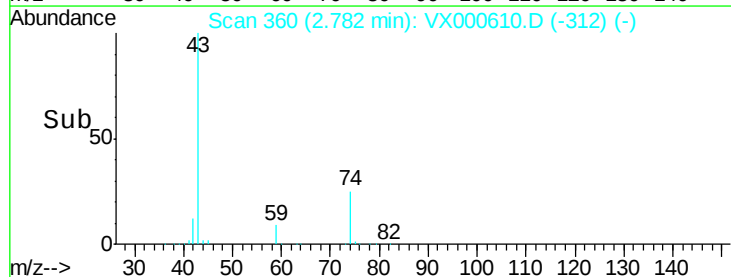
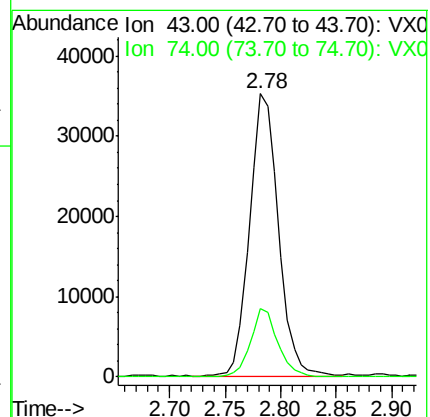
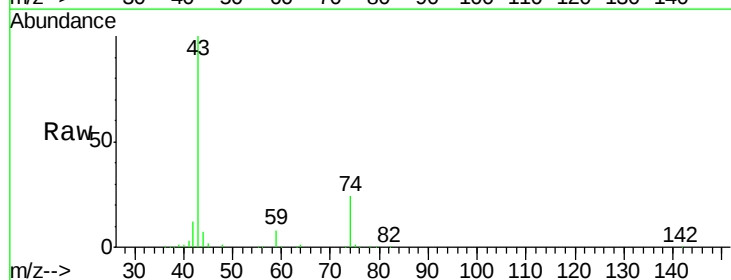
Acq: 31 Mar 2018 23:23

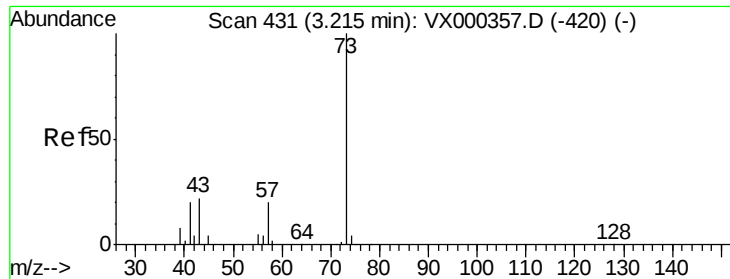
Tgt Ion: 43 Resp: 63857

Ion Ratio Lower Upper

43 100

74 22.9 19.4 29.2

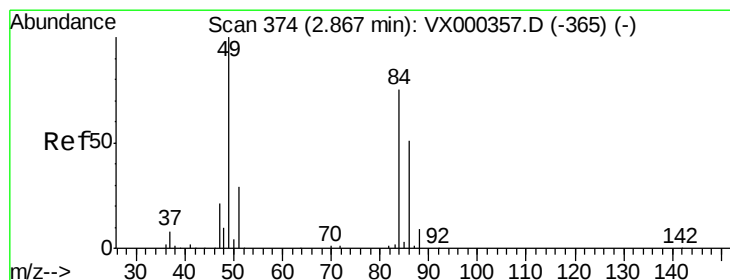
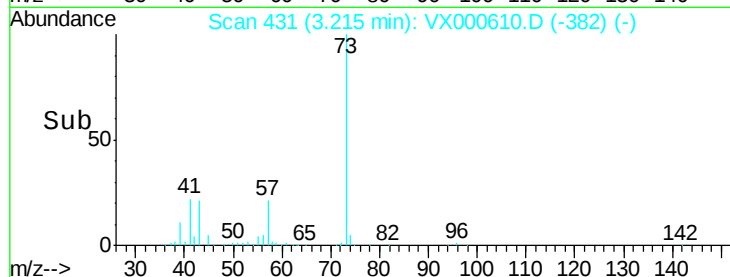
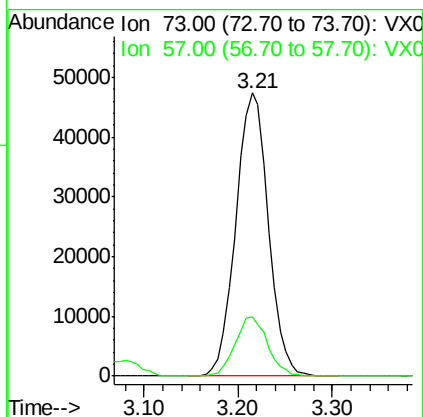
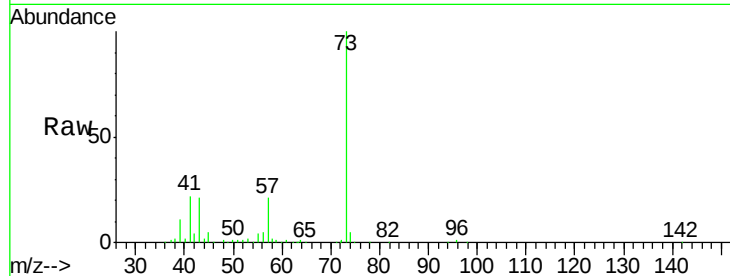




#19
Methyl tert-butyl Ether
Concen: 22.609 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

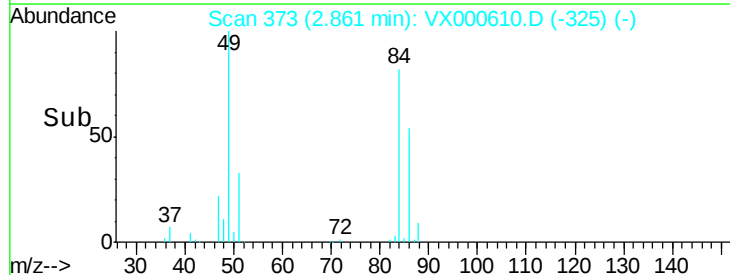
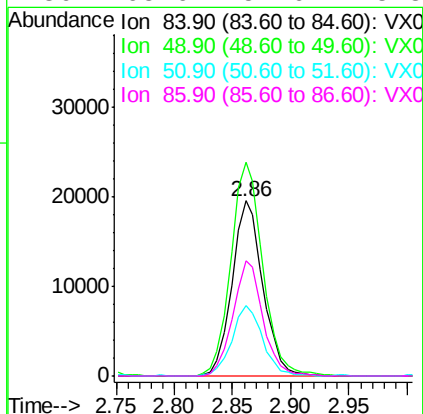
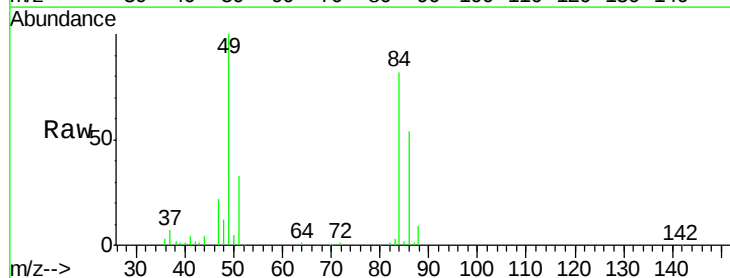
Instrument :
MSVOA_X
ClientSampled :

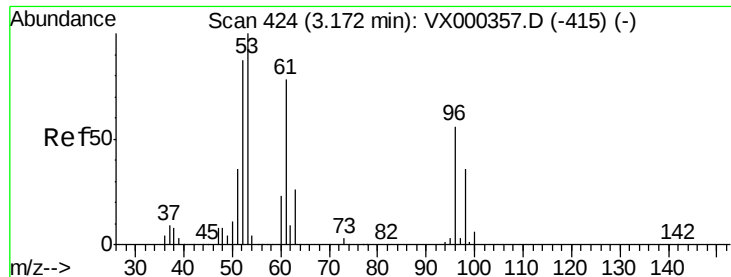
Tot Ion: 73 Resp: 114304
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8



#20
Methylene Chloride
Concen: 22.697 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Tgt Ion: 84 Resp: 35900
Ion Ratio Lower Upper
84 100
49 122.2 100.6 151.0
51 40.2 31.6 47.4
86 65.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 22.610 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

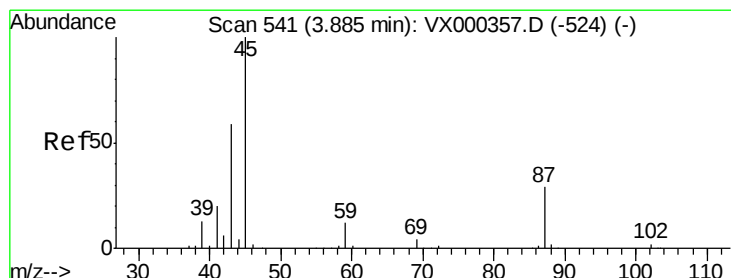
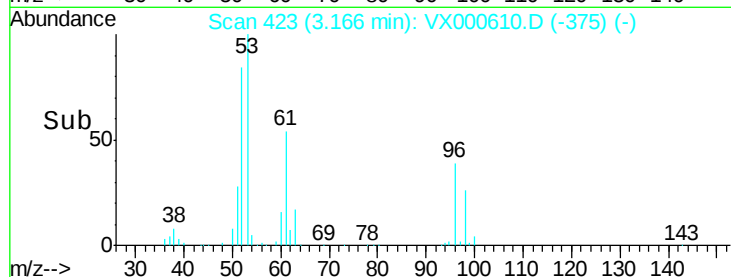
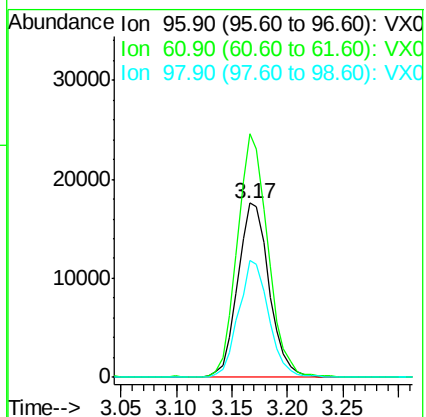
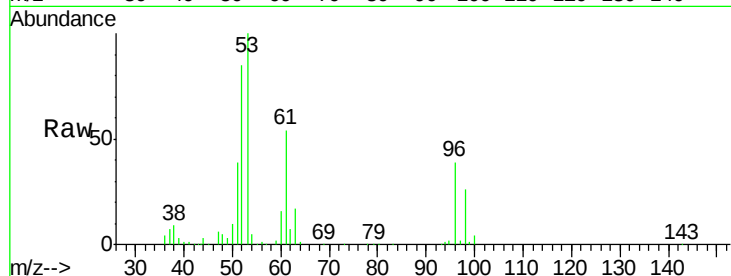
Tot Ion: 96 Resp: 34476

Ion Ratio Lower Upper

96 100

61 139.7 104.0 156.0

98 66.8 52.1 78.1



#22

Diisopropyl ether

Concen: 17.178 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Tgt Ion: 45 Resp: 73406

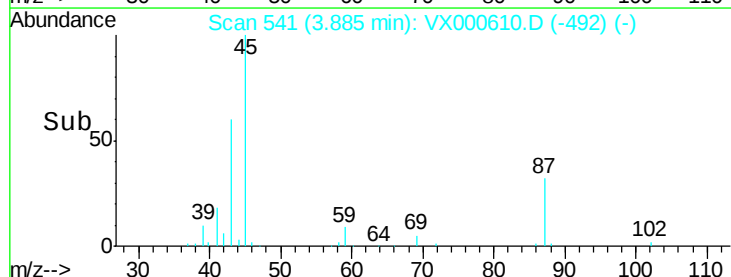
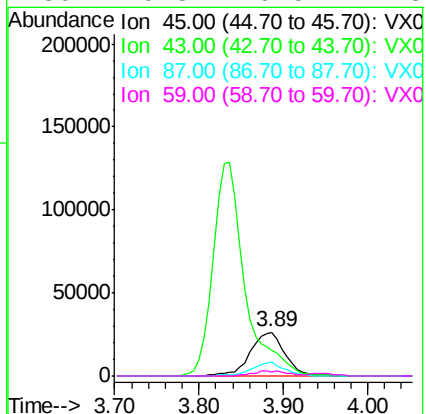
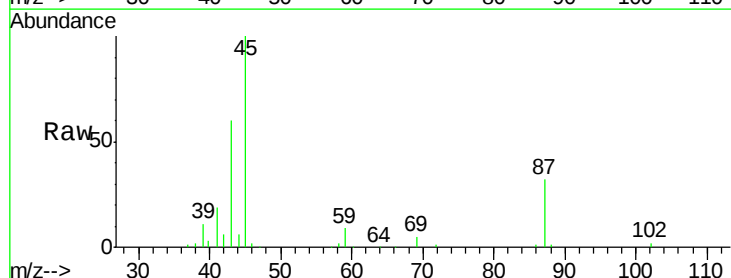
Ion Ratio Lower Upper

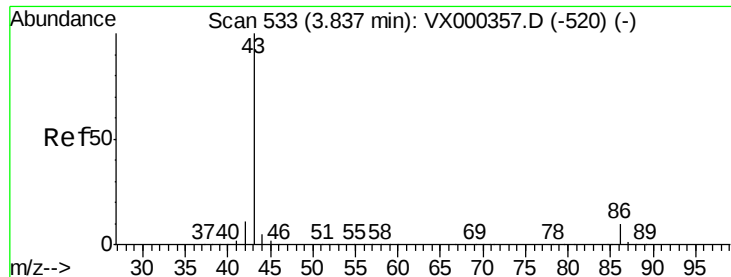
45 100

43 57.9 53.9 80.9

87 31.6 22.6 34.0

59 9.3 9.5 14.3#





#23

Vinyl Acetate

Concen: 83.273 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

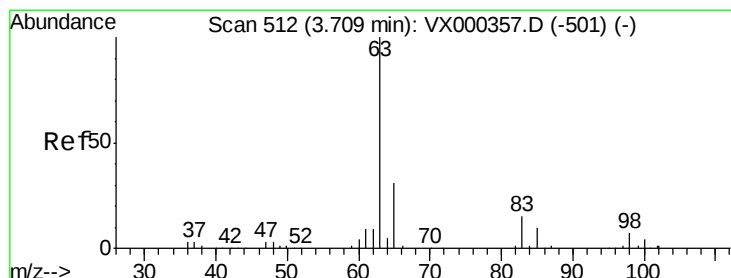
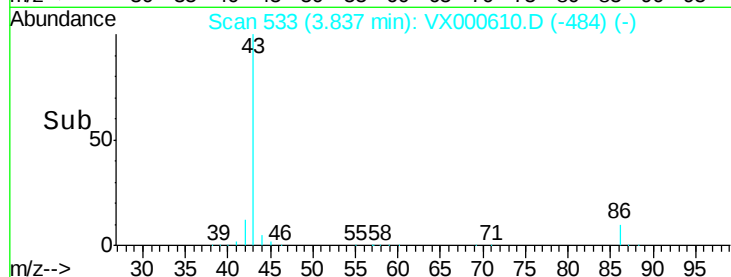
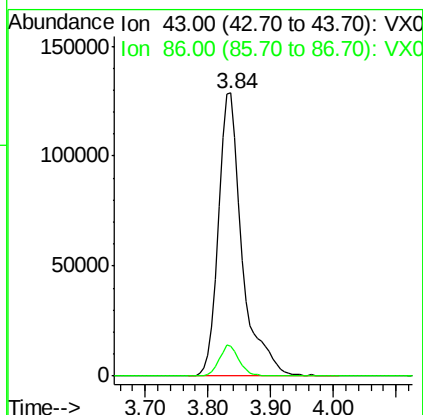
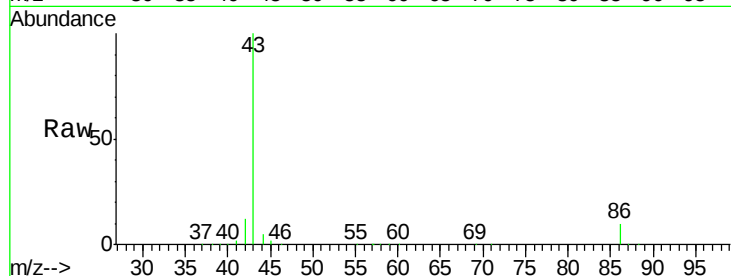
ClientSampleId :

Tot Ion: 43 Resp: 337335

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



#24

1,1-Dichloroethane

Concen: 15.572 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

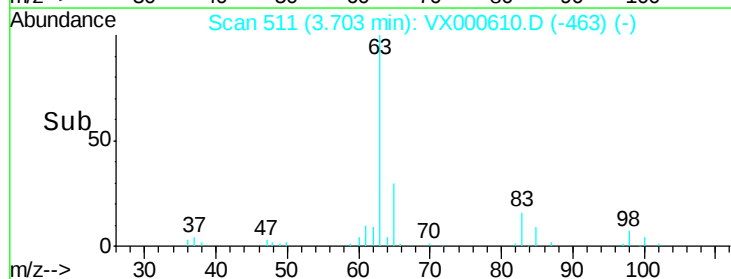
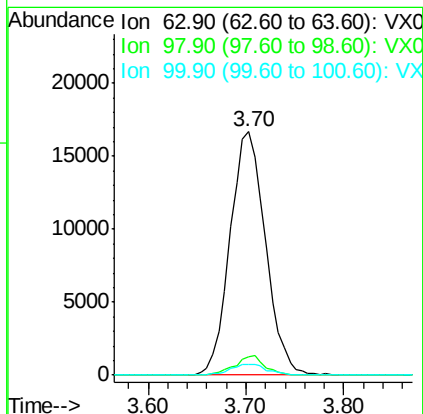
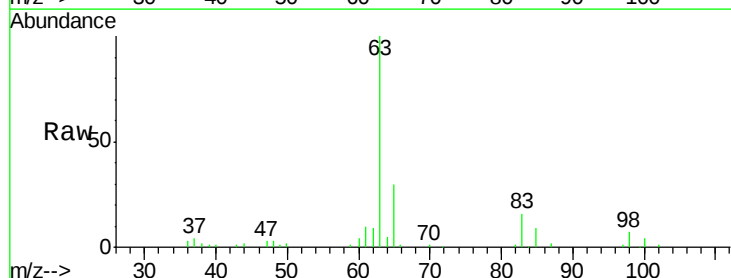
Tgt Ion: 63 Resp: 41837

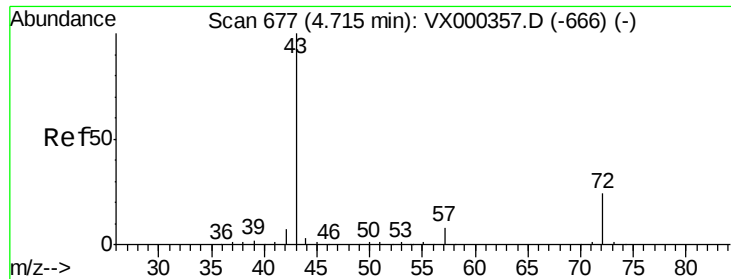
Ion Ratio Lower Upper

63 100

98 7.5 3.3 9.9

100 4.4 2.0 5.8





#25

2-Butanone

Concen: 85.999 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

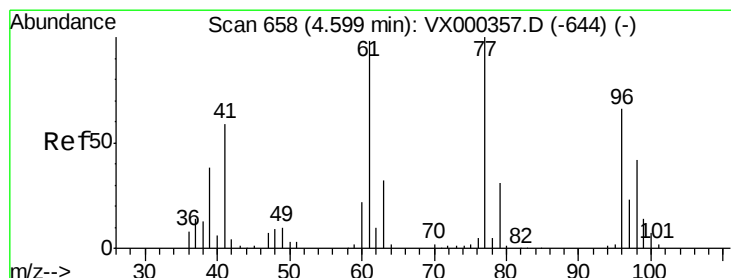
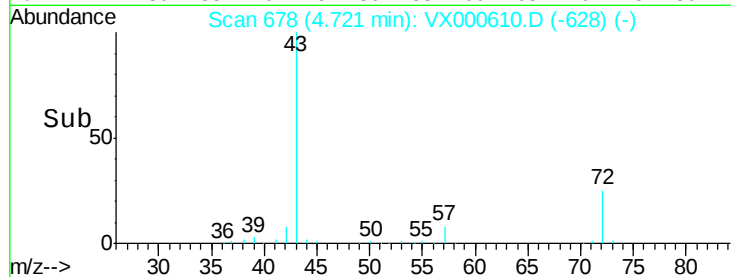
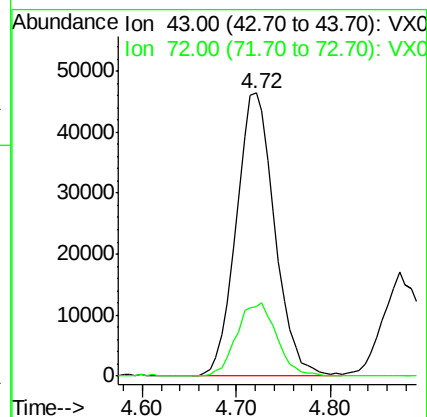
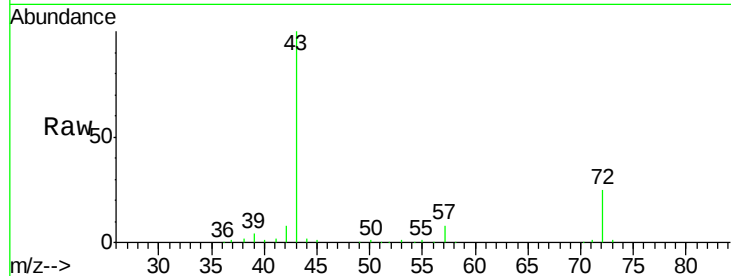
ClientSampled :

Tot Ion: 43 Resp: 132377

Ion Ratio Lower Upper

43 100

72 24.8 21.0 31.6



#26

2,2-Dichloropropane

Concen: 14.677 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000610.D

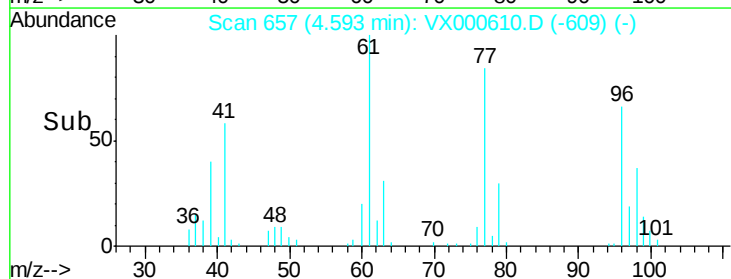
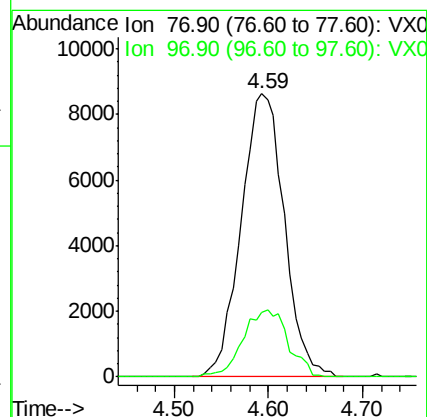
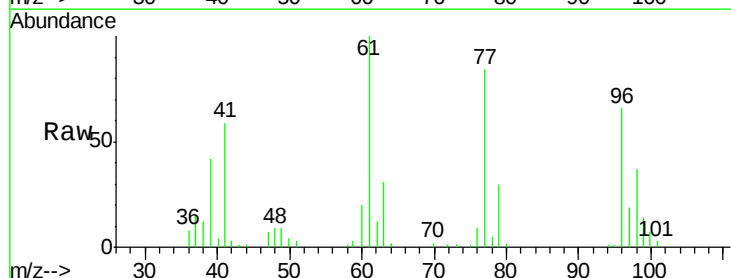
Acq: 31 Mar 2018 23:23

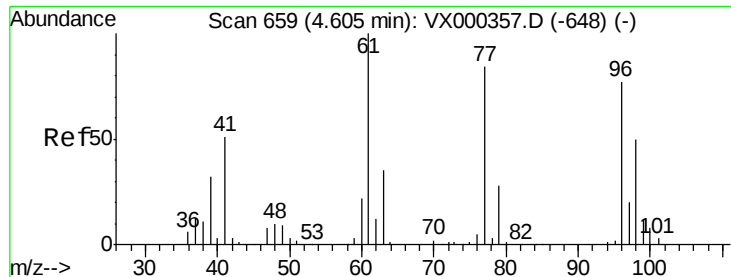
Tgt Ion: 77 Resp: 27638

Ion Ratio Lower Upper

77 100

97 24.8 11.3 33.8



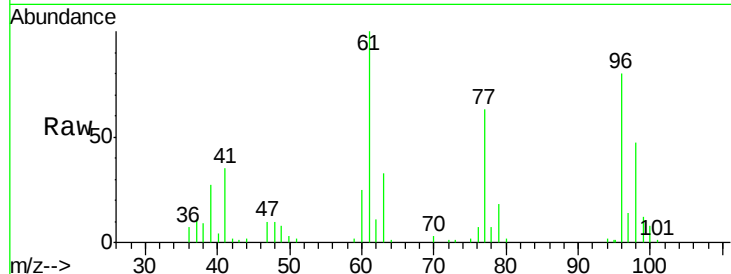


#27

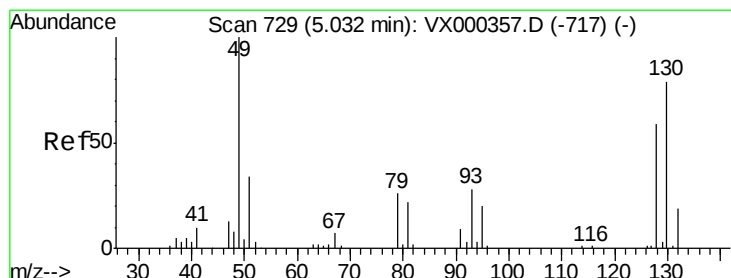
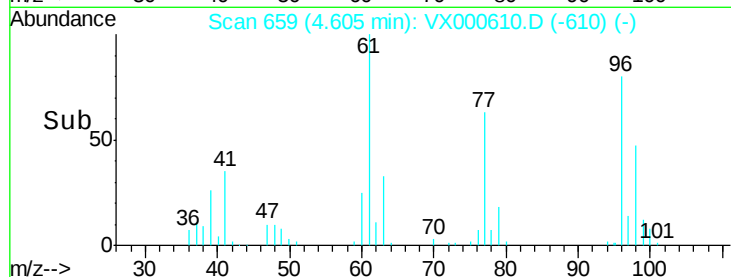
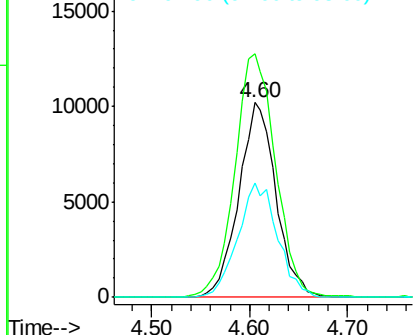
cis-1,2-Dichloroethene
Concen: 18.885 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 26914
Ion Ratio Lower Upper
96 100
61 137.1 0.0 291.6
98 62.5 0.0 132.0



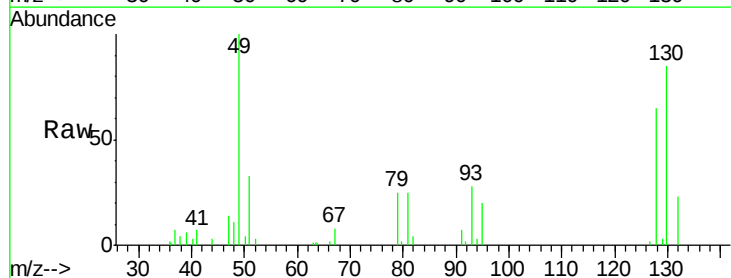
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



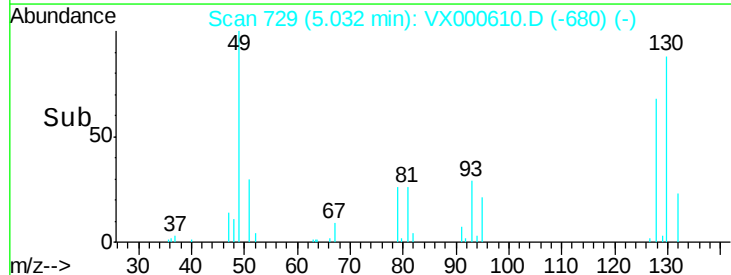
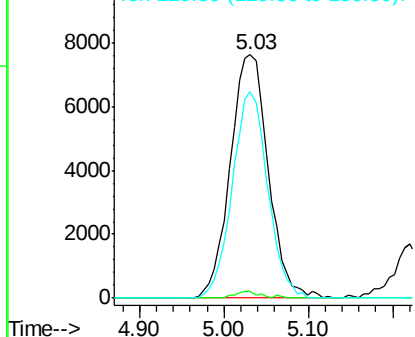
#28

Bromochloromethane
Concen: 21.089 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Tgt Ion: 49 Resp: 23364
Ion Ratio Lower Upper
49 100
129 1.7 0.0 5.0
130 78.7 64.0 96.0



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

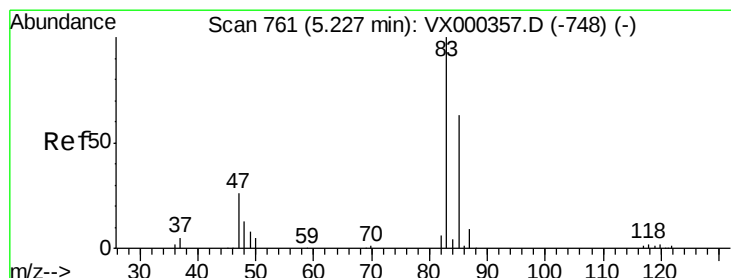
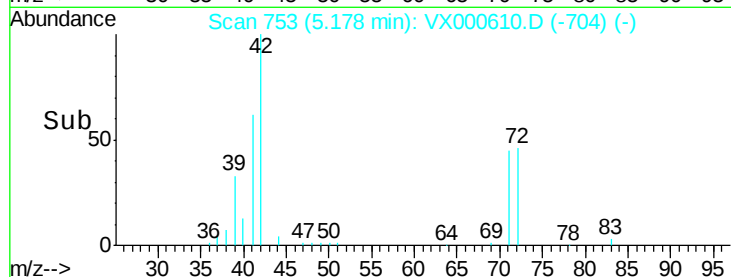
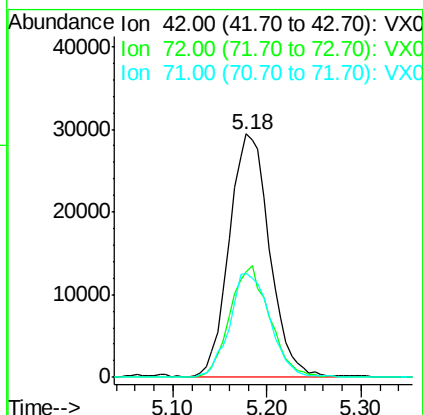
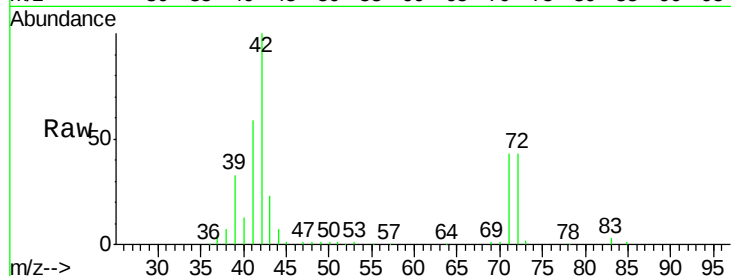




#29
Tetrahydrofuran
Concen: 91.722 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

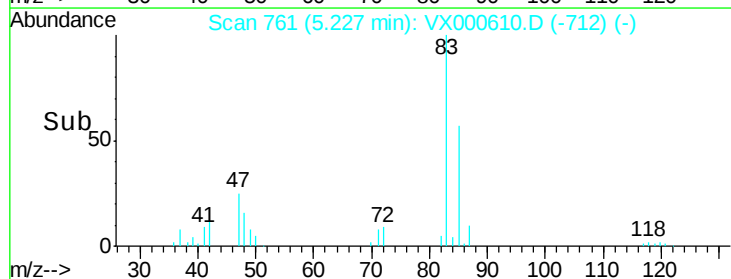
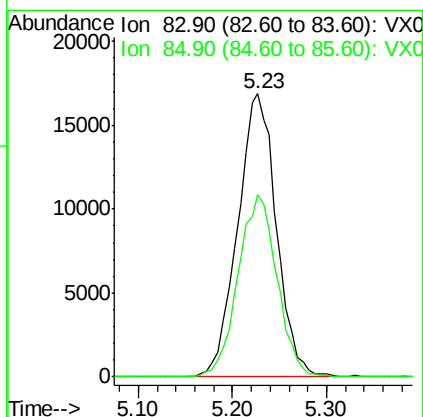
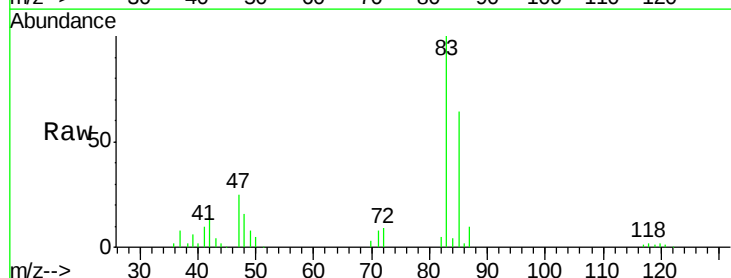
Instrument :
MSVOA_X
ClientSampleId :

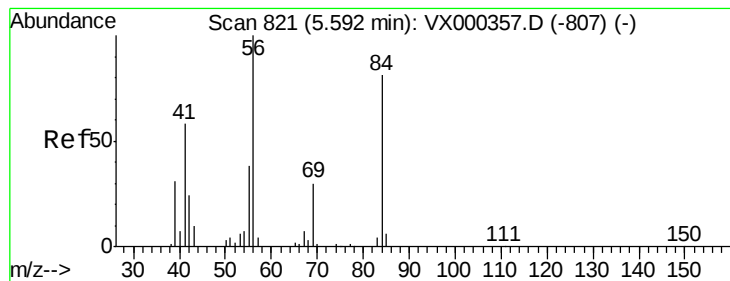
Tot Ion: 42 Resp: 86867
Ion Ratio Lower Upper
42 100
72 45.8 37.9 56.9
71 43.6 34.4 51.6



#30
Chloroform
Concen: 19.209 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Tgt Ion: 83 Resp: 48366
Ion Ratio Lower Upper
83 100
85 64.2 53.3 79.9





#31

Cyclohexane

Concen: 18.330 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :
MSVOA_X
ClientSampleId :

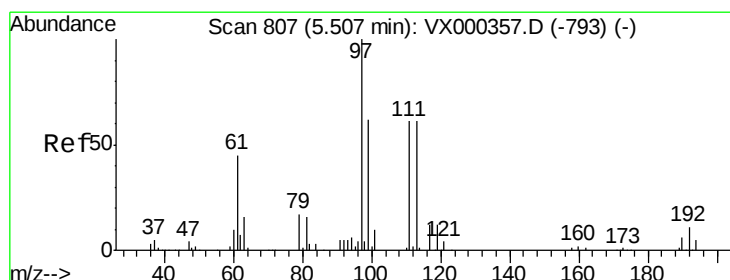
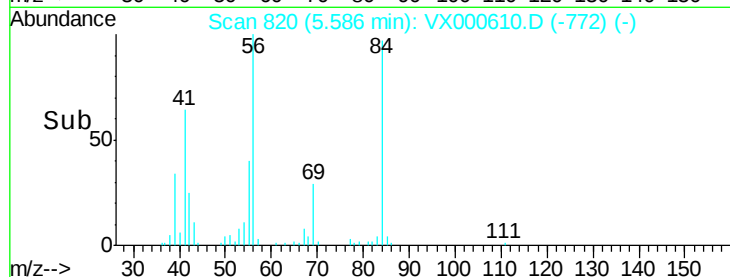
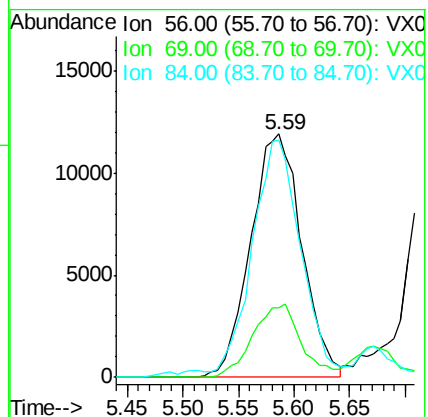
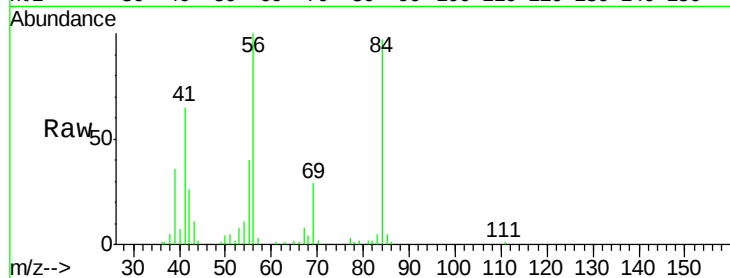
Tot Ion: 56 Resp: 38071

Ion Ratio Lower Upper

56 100

69 28.5 23.4 35.0

84 94.8 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 19.156 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

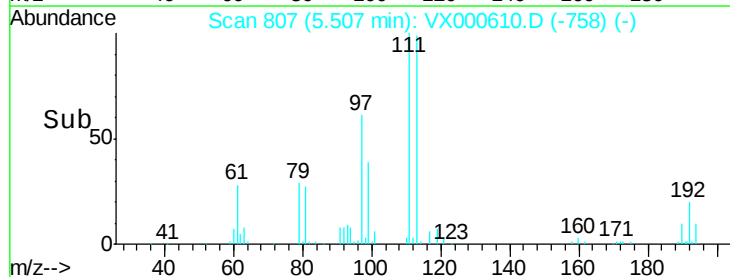
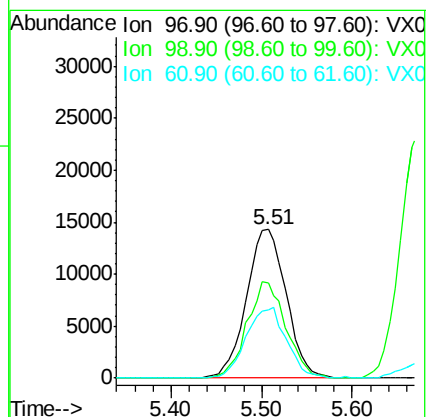
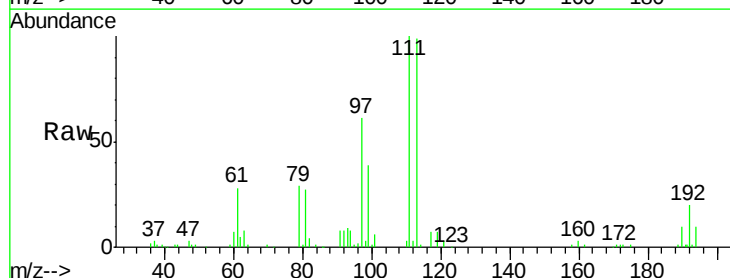
Tgt Ion: 97 Resp: 43512

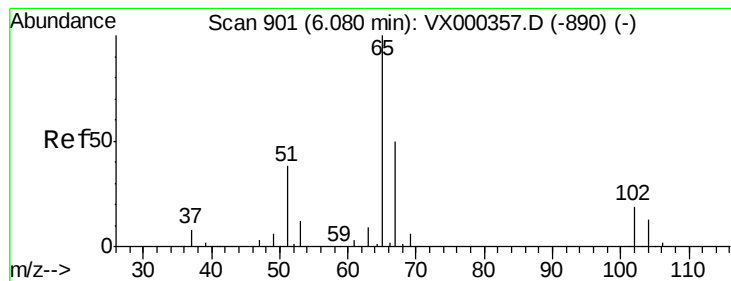
Ion Ratio Lower Upper

97 100

99 63.0 52.1 78.1

61 47.9 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 52.400 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

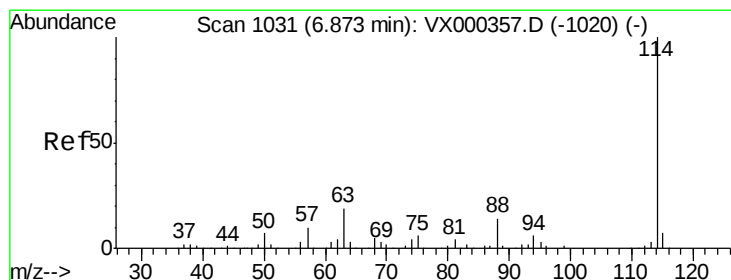
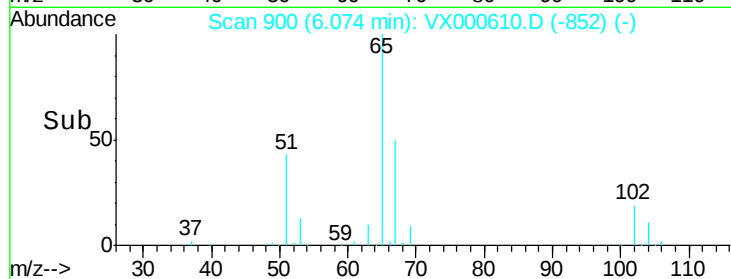
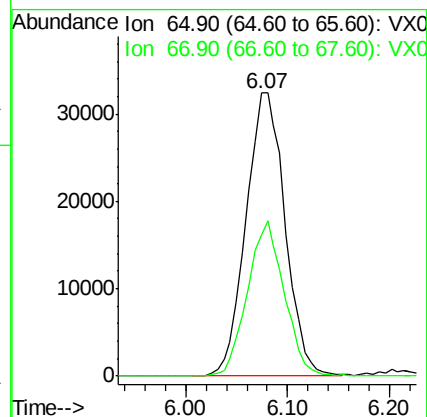
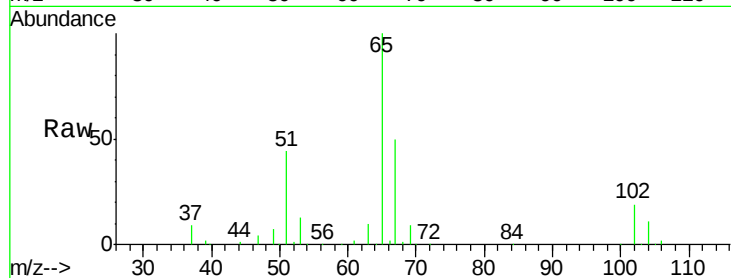
ClientSampleId :

Tot Ion: 65 Resp: 86262

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

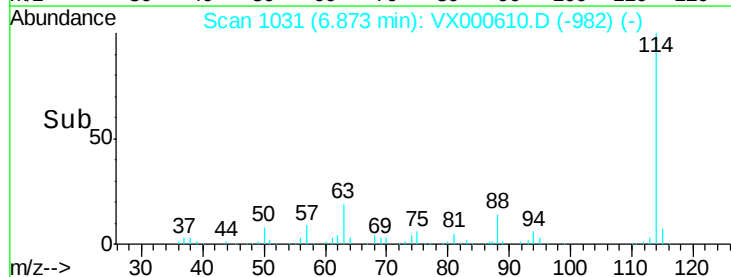
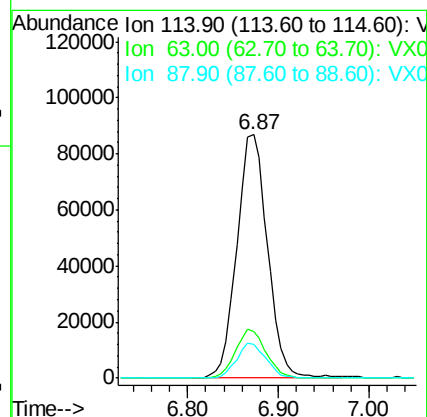
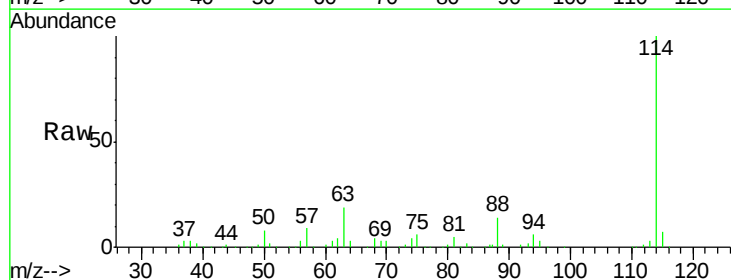
Tgt Ion: 114 Resp: 204174

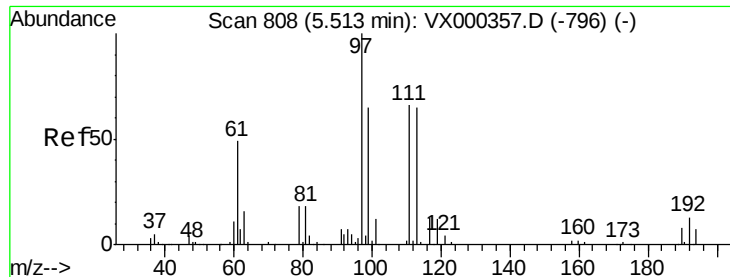
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 13.8 0.0 27.0





#35

Dibromofluoromethane

Concen: 52.969 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

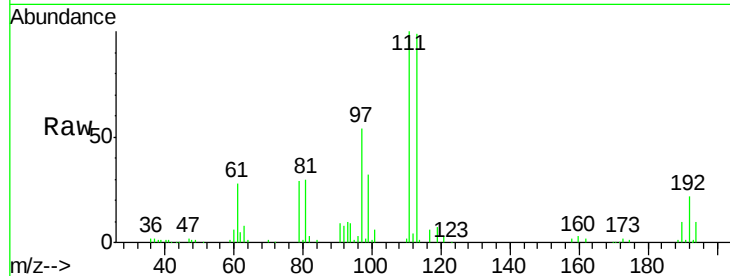
Tot Ion:113 Resp: 68143

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

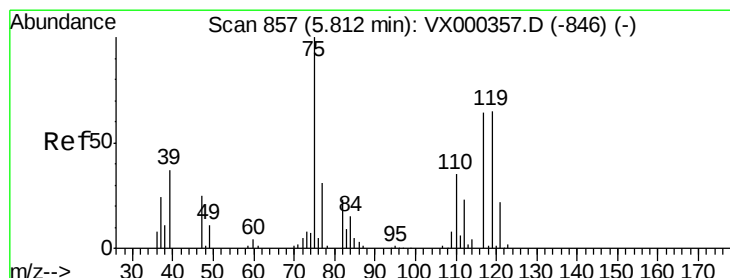
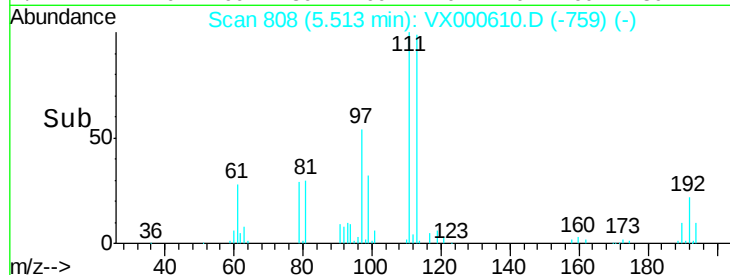
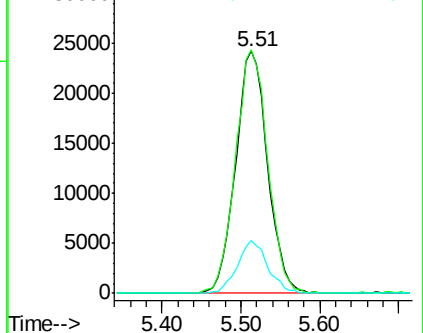
192 20.8 15.8 23.6



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: 18.987 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

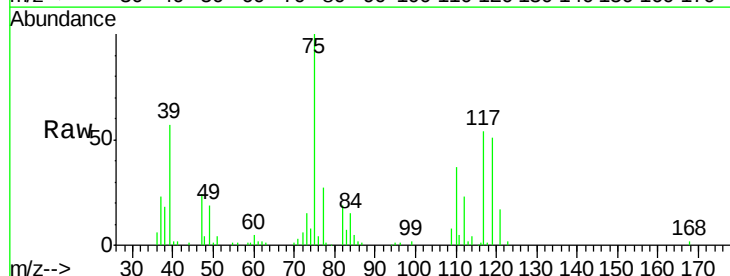
Tgt Ion: 75 Resp: 36313

Ion Ratio Lower Upper

75 100

110 37.5 17.9 53.7

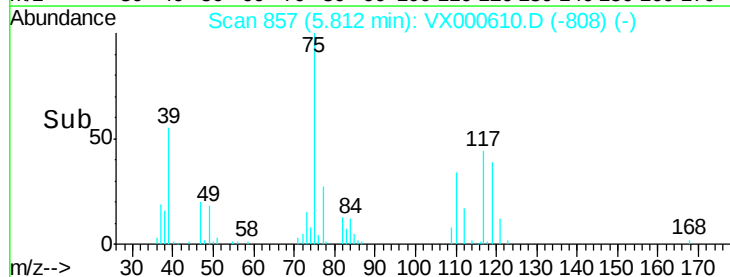
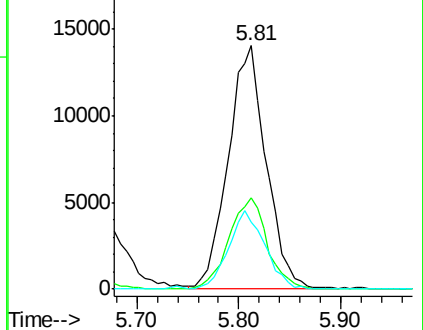
77 30.6 24.0 36.0

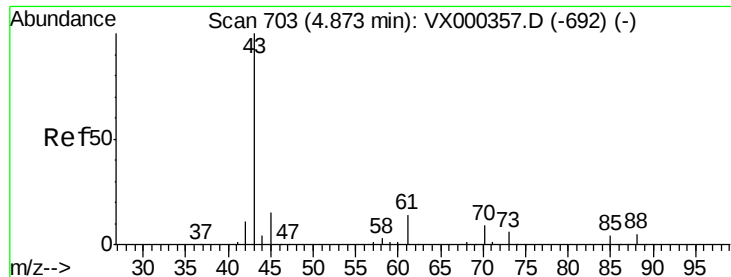


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

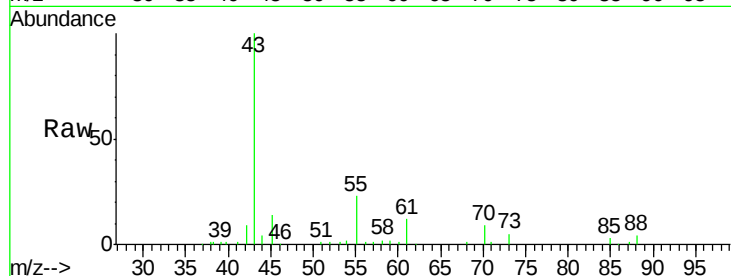




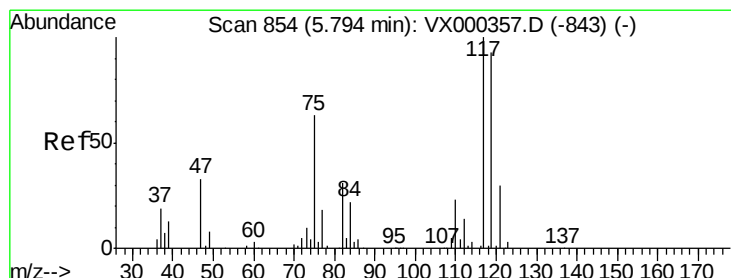
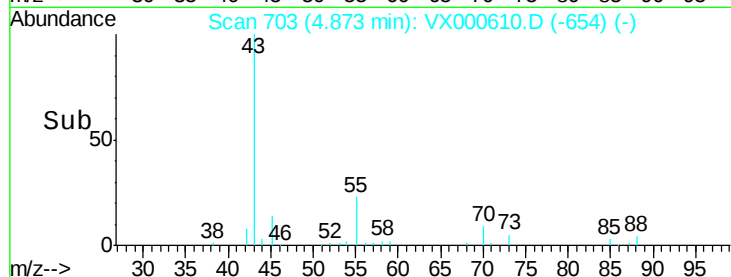
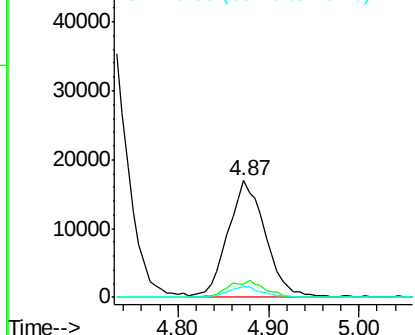
#37
Ethyl Acetate
Concen: 18.468 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 48245
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 8.7 7.7 11.5

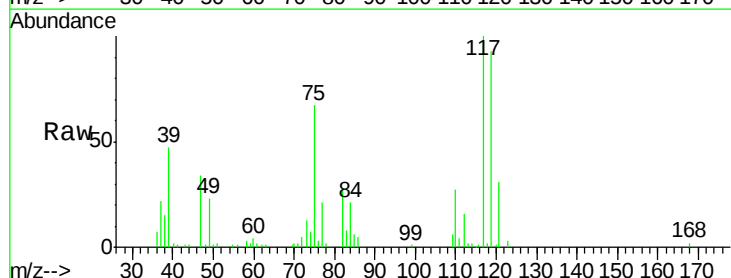


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

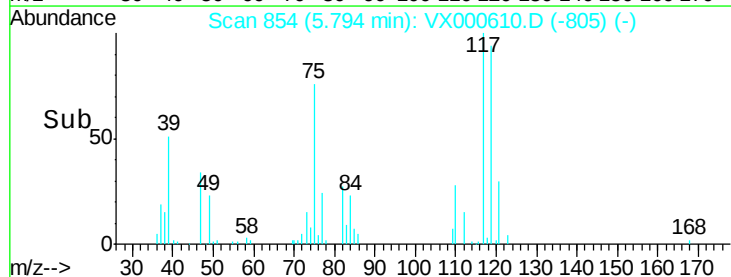
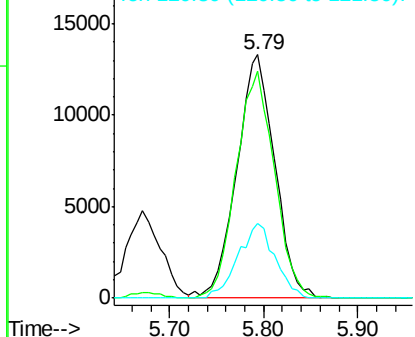


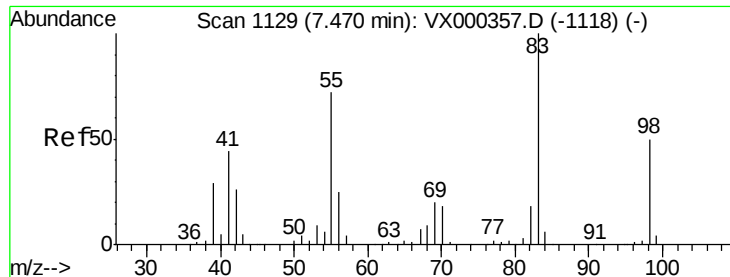
#38
Carbon Tetrachloride
Concen: 18.680 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Tgt Ion: 117 Resp: 37479
Ion Ratio Lower Upper
117 100
119 93.0 77.4 116.2
121 30.6 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

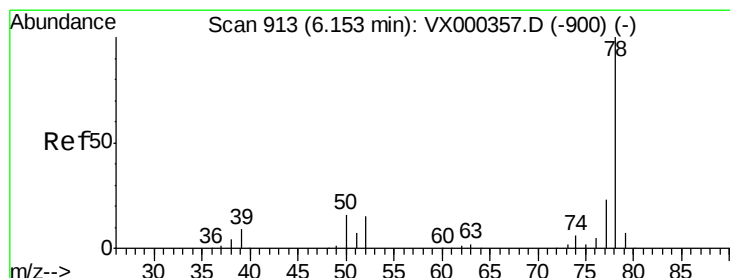
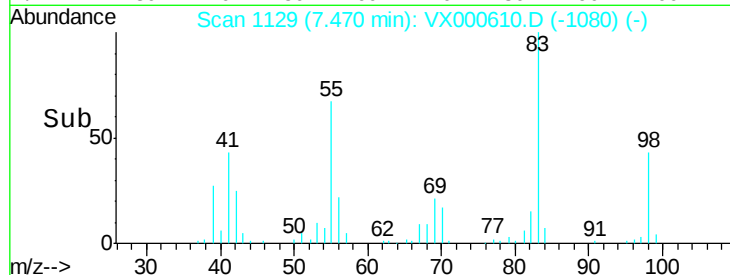
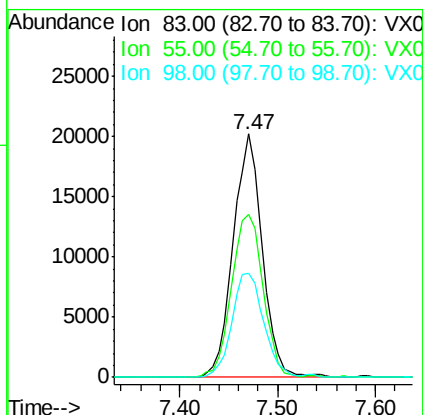
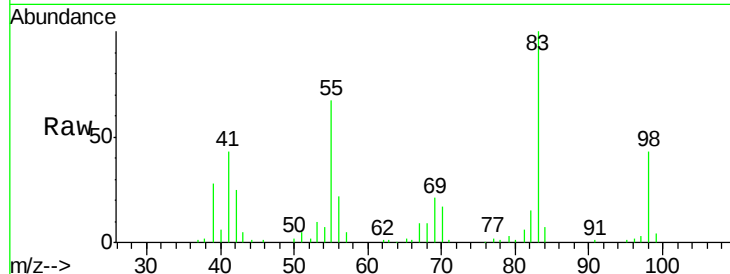




#39
Methvlcvclohexane
Concen: 17.985 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

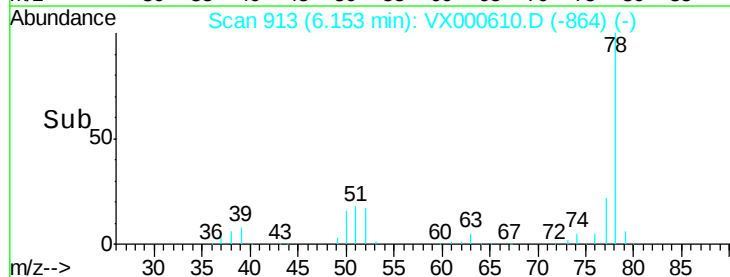
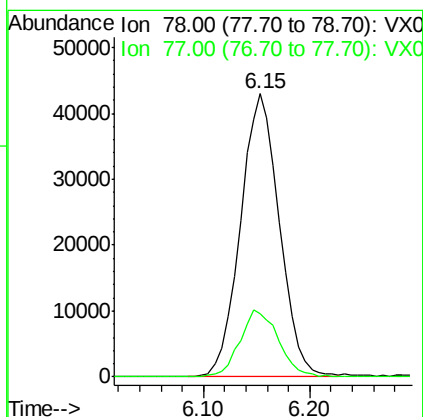
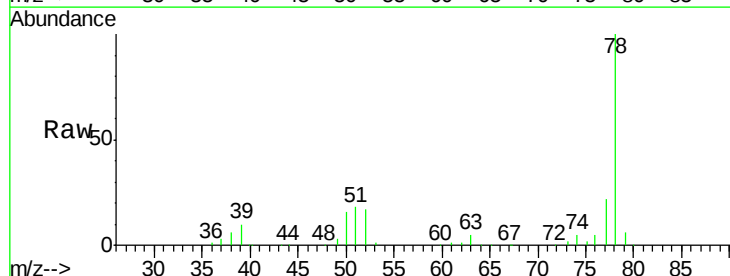
Instrument :
MSVOA_X
ClientSampled :

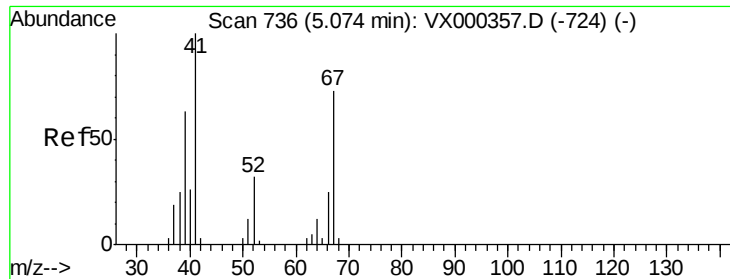
Tot Ion: 83 Resp: 41831
Ion Ratio Lower Upper
83 100
55 67.1 55.5 83.3
98 42.8 38.2 57.4



#40
Benzene
Concen: 19.836 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Tgt Ion: 78 Resp: 110167
Ion Ratio Lower Upper
78 100
77 22.4 18.7 28.1





#41

Methacrylonitrile

Concen: 17.668 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 24334

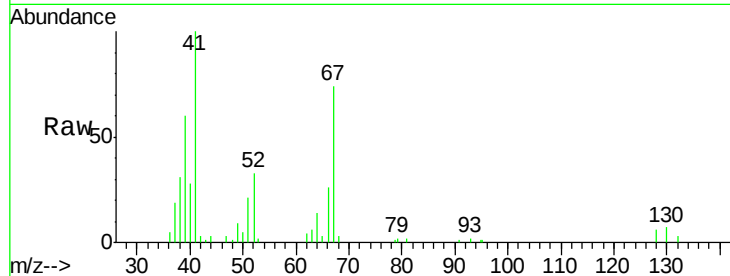
Ion Ratio Lower Upper

41 100

39 56.4 45.7 68.5

67 76.6 57.8 86.8

52 34.1 26.7 40.1

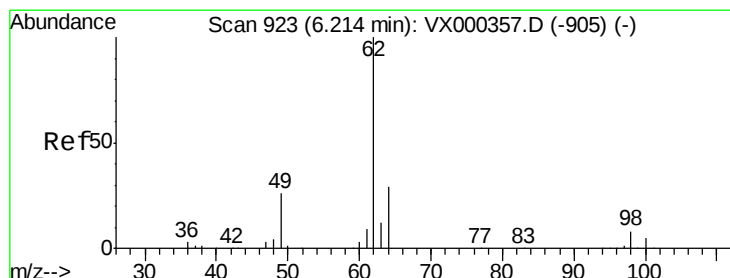
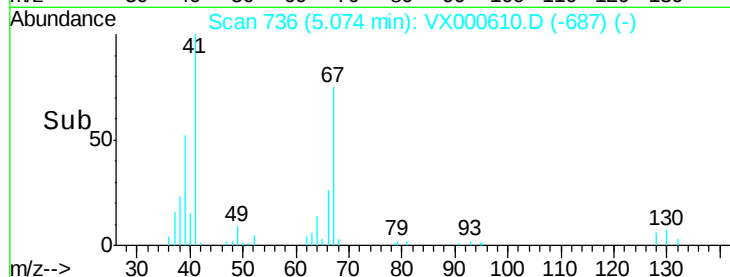
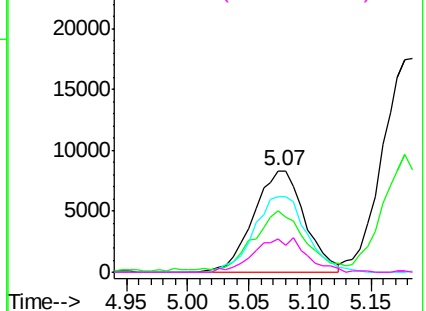


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.475 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX000610.D

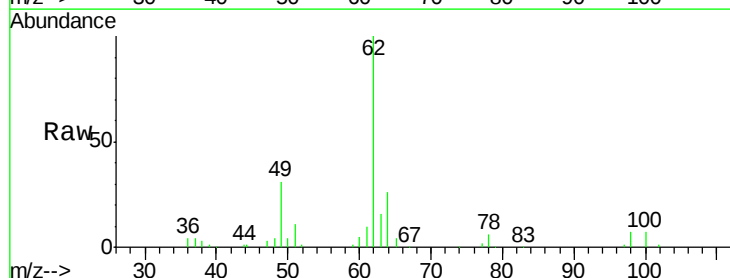
Acq: 31 Mar 2018 23:23

Tgt Ion: 62 Resp: 42438

Ion Ratio Lower Upper

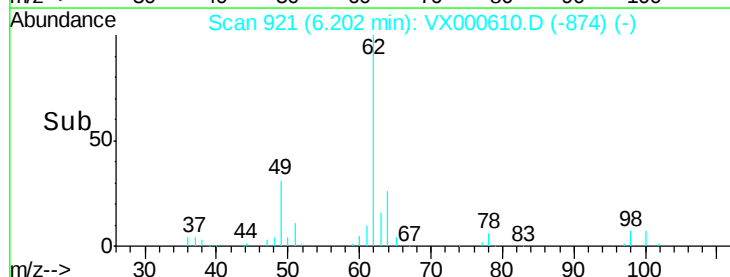
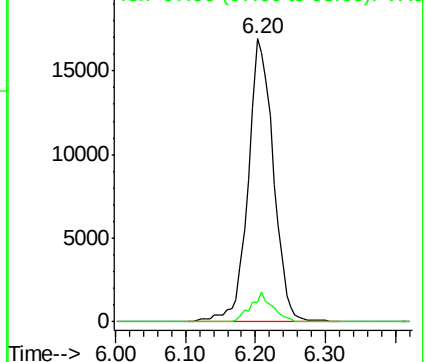
62 100

98 8.9 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



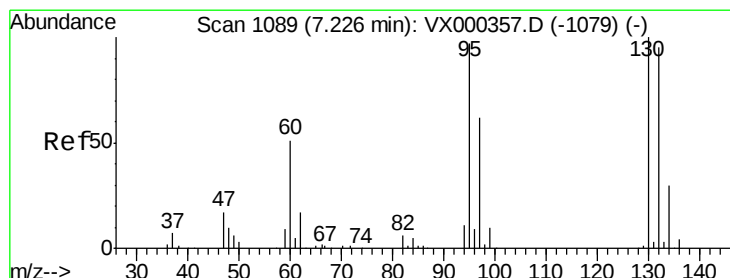
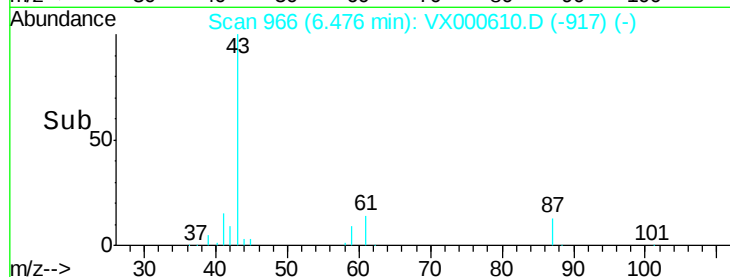
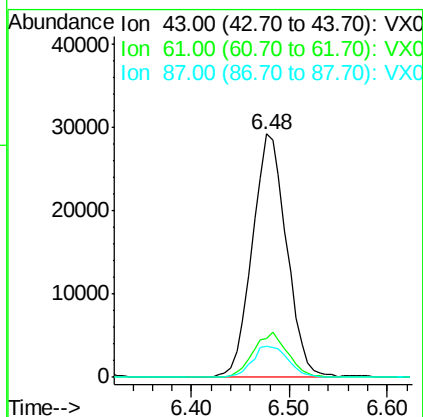
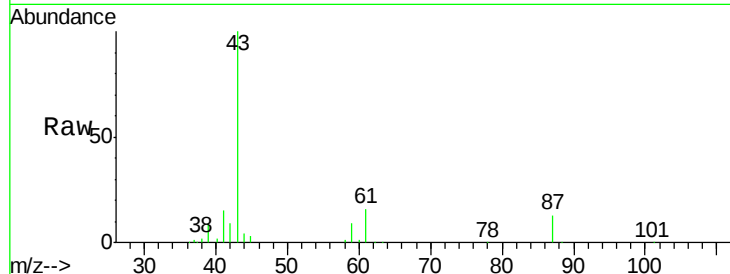


#43

Isopropyl Acetate
 Concen: 18.335 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

Instrument :
 MSVOA_X
 ClientSampleId :

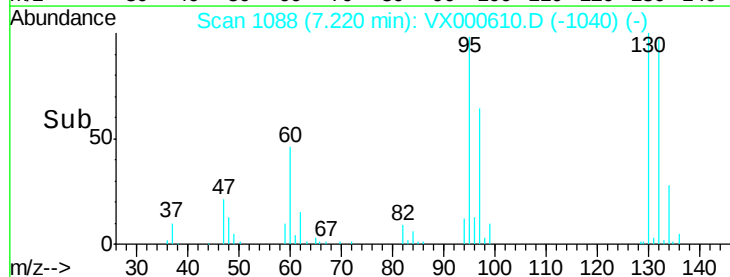
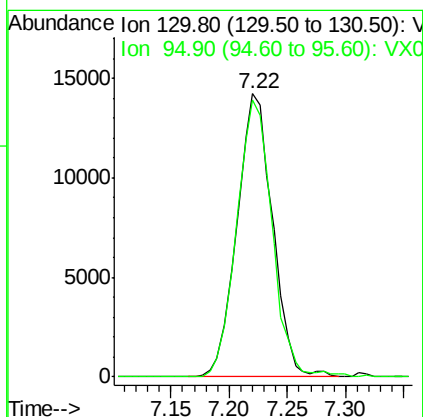
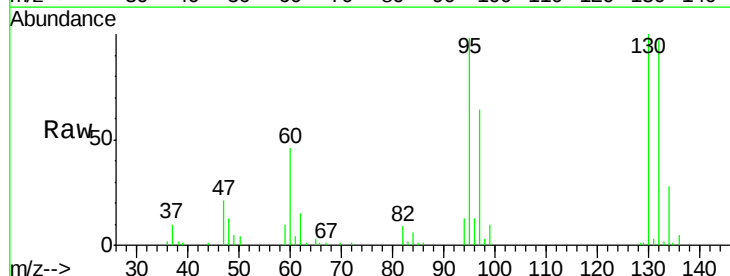
Tot Ion: 43 Resp: 71301
 Ion Ratio Lower Upper
 43 100
 61 18.7 14.4 21.6
 87 13.5 11.0 16.4

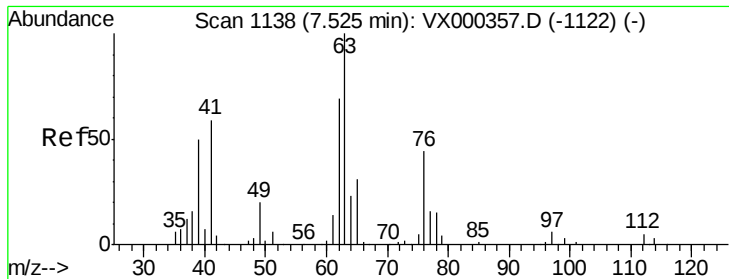


#44

Trichloroethene
 Concen: 19.031 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

Tgt Ion:130 Resp: 30281
 Ion Ratio Lower Upper
 130 100
 95 98.0 0.0 186.0





#45

1,2-Dichloropropane

Concen: 19.212 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

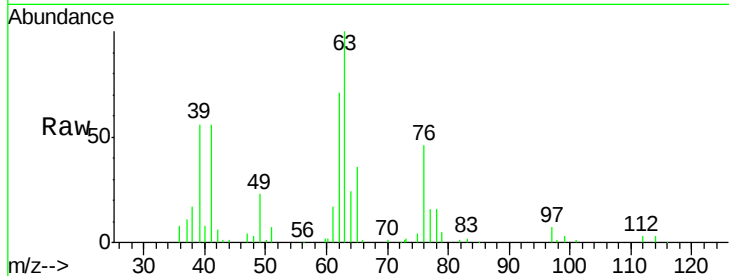
ClientSampled :

Tot Ion: 63 Resp: 27313

Ion Ratio Lower Upper

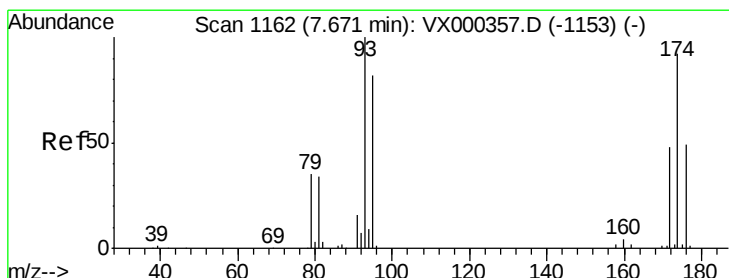
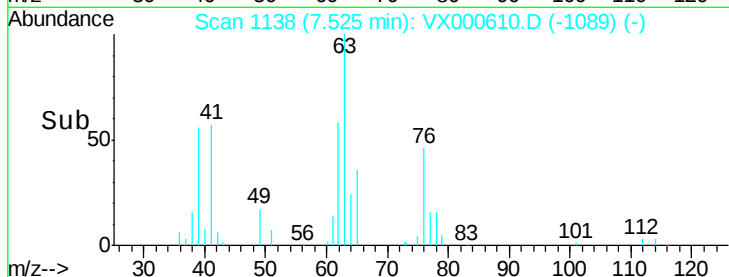
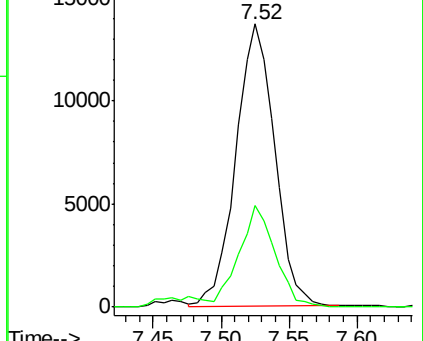
63 100

65 36.1 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.498 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

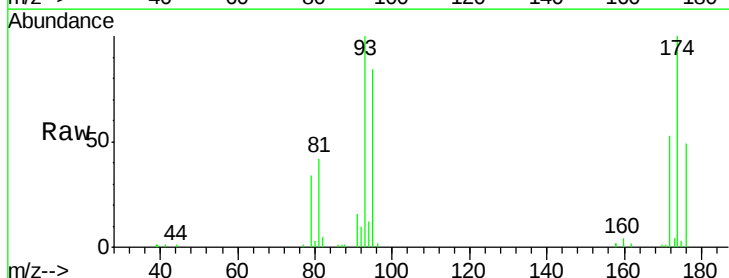
Tgt Ion: 93 Resp: 21758

Ion Ratio Lower Upper

93 100

95 82.7 66.5 99.7

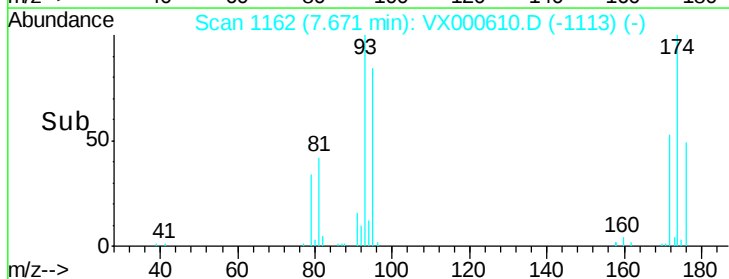
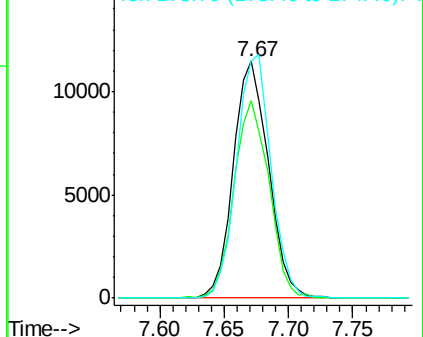
174 100.3 76.0 114.0

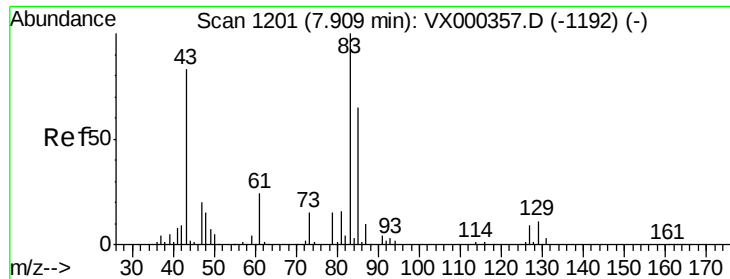


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

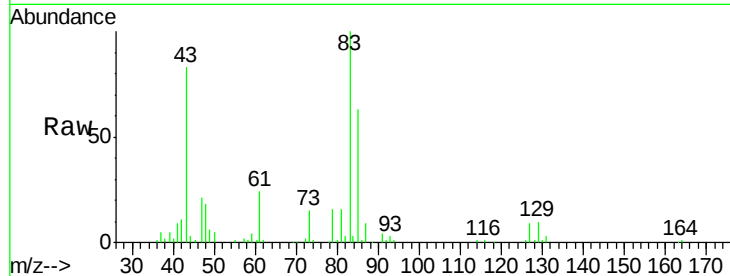




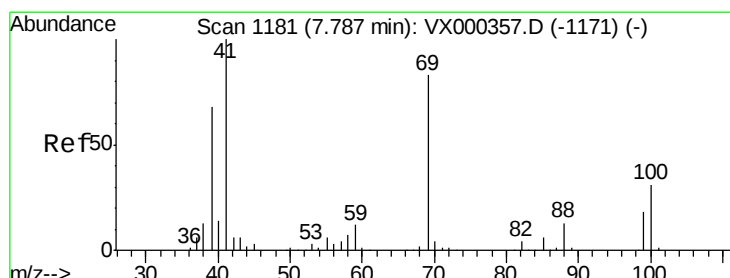
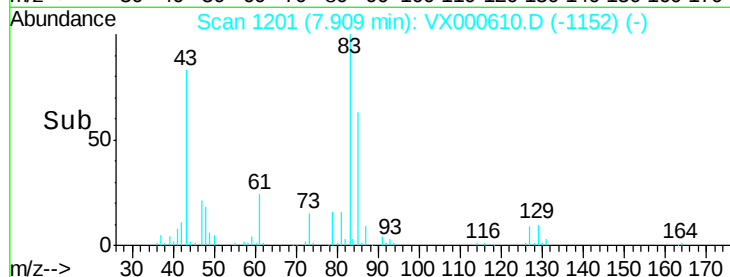
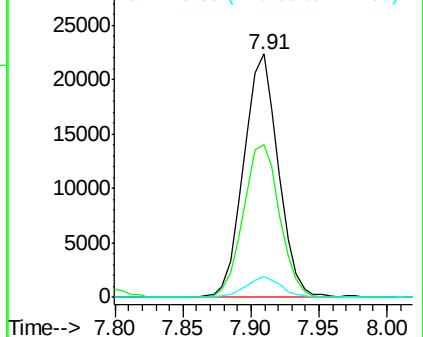
#47
Bromodichloromethane
Concen: 20.321 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 39896
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.0
127 8.7 7.0 10.6

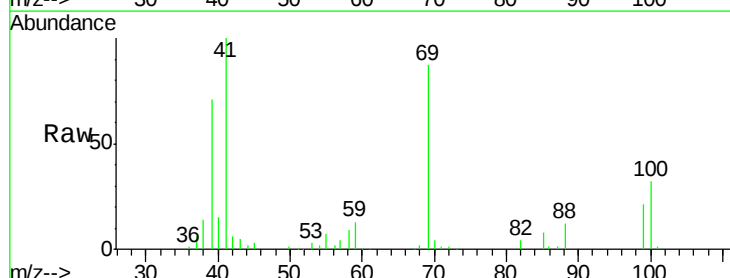


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

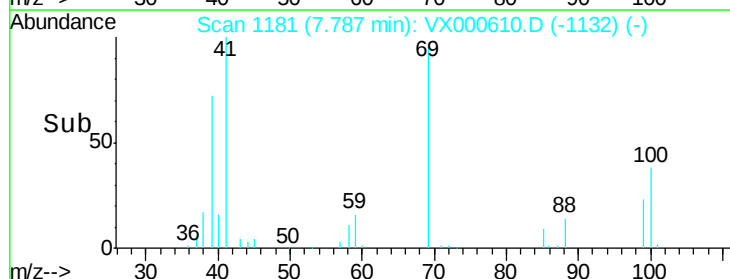
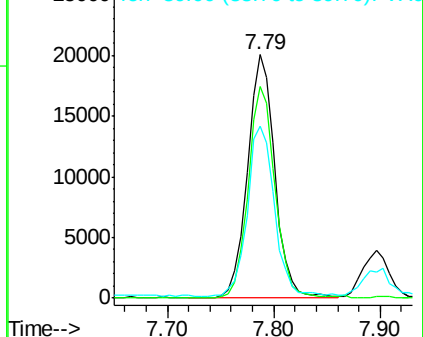


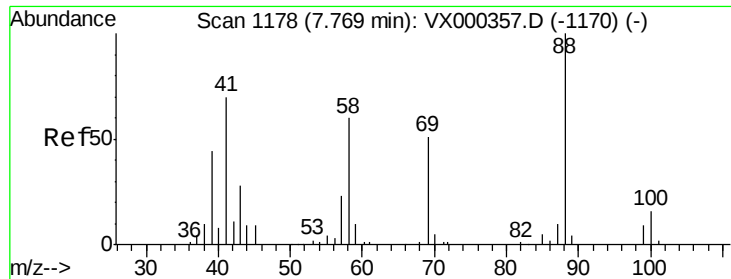
#48
Methyl methacrylate
Concen: 19.243 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Tgt Ion: 41 Resp: 36329
Ion Ratio Lower Upper
41 100
69 84.8 68.2 102.4
39 69.7 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

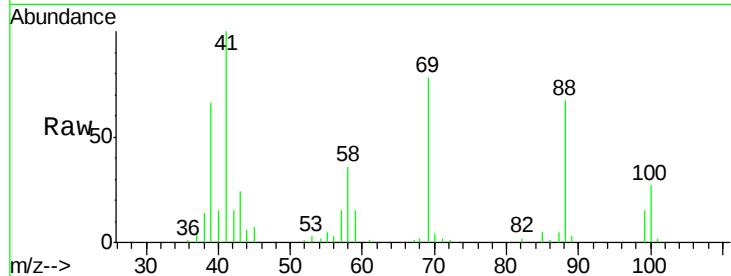




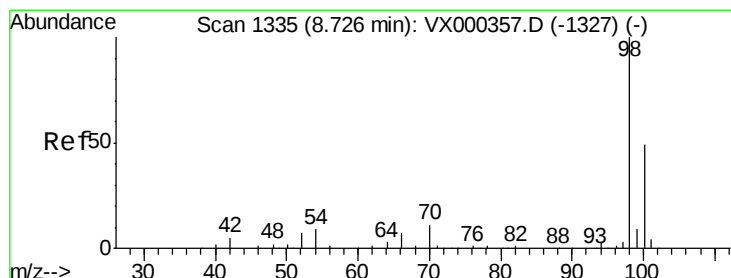
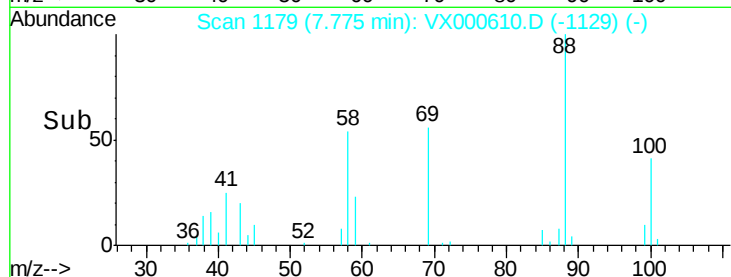
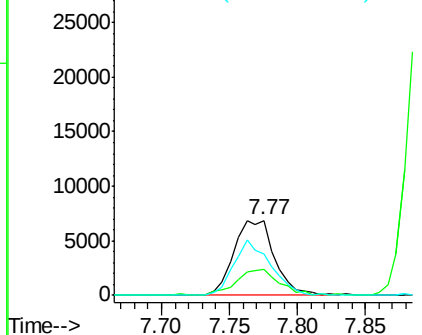
#49
 1,4-Dioxane
 Concen: 362.715 ug/l
 RT: 7.77 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 88 Resp: 14394
 Ion Ratio Lower Upper
 88 100
 43 37.4 26.8 40.2
 58 67.3 52.2 78.2

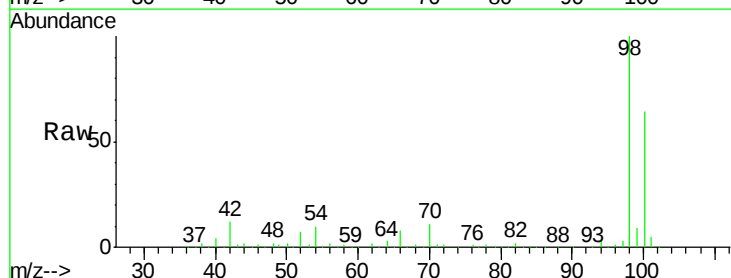


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

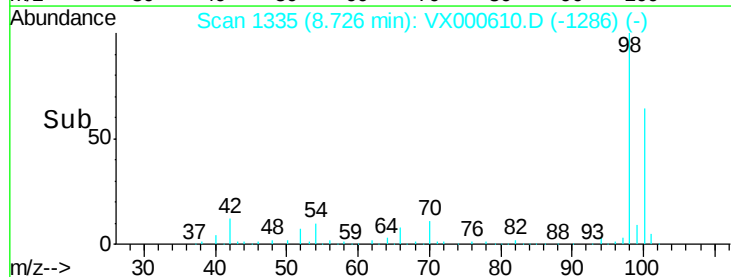
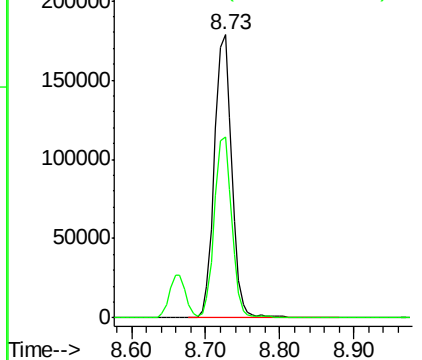


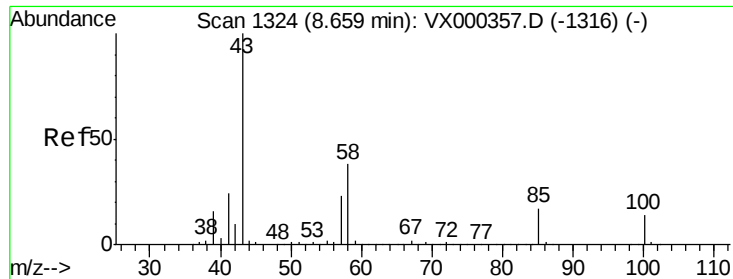
#50
 Toluene-d8
 Concen: 53.728 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

Tgt Ion: 98 Resp: 286270
 Ion Ratio Lower Upper
 98 100
 100 63.6 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: 97.367 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

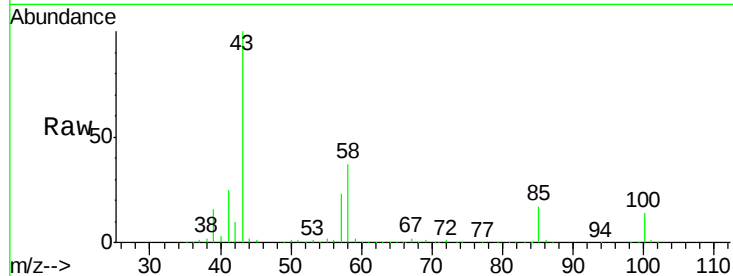
ClientSampled :

Tot Ion: 43 Resp: 293077

Ion Ratio Lower Upper

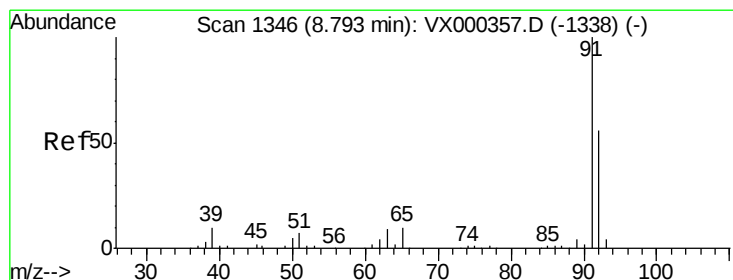
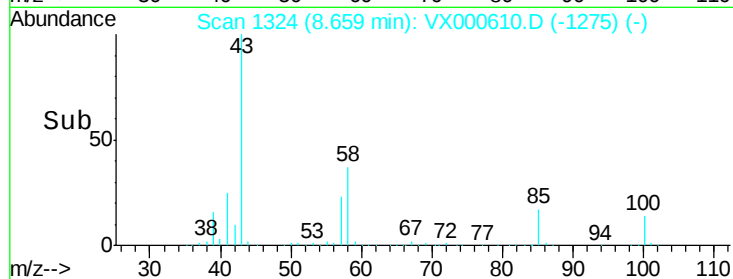
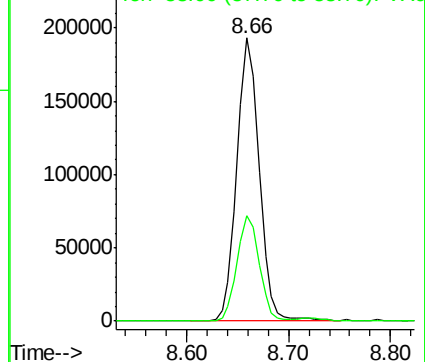
43 100

58 37.2 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.638 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000610.D

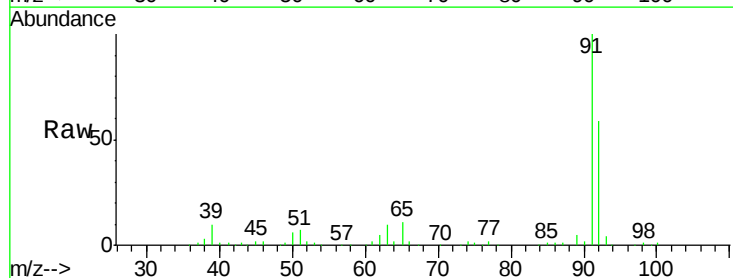
Acq: 31 Mar 2018 23:23

Tgt Ion: 92 Resp: 76249

Ion Ratio Lower Upper

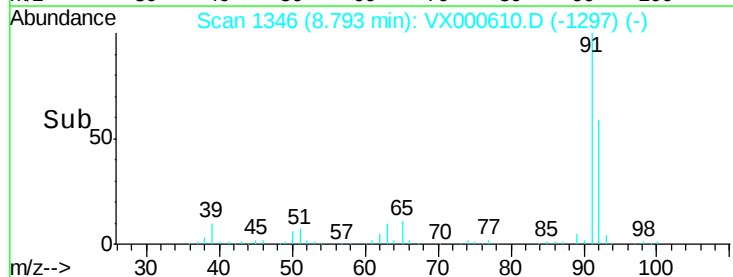
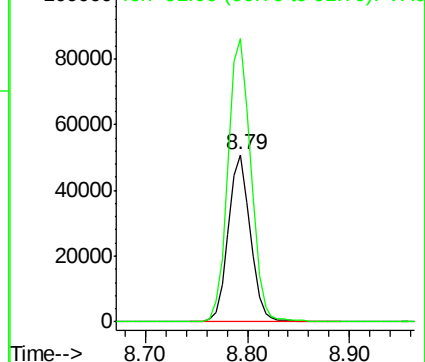
92 100

91 176.0 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

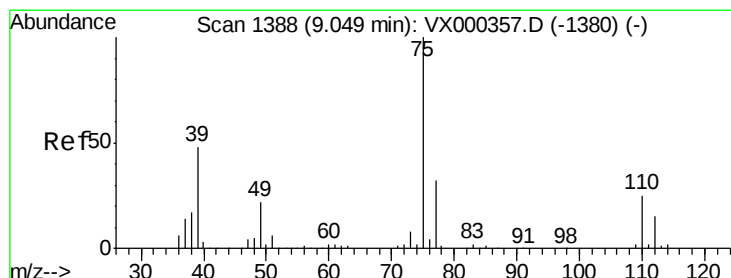
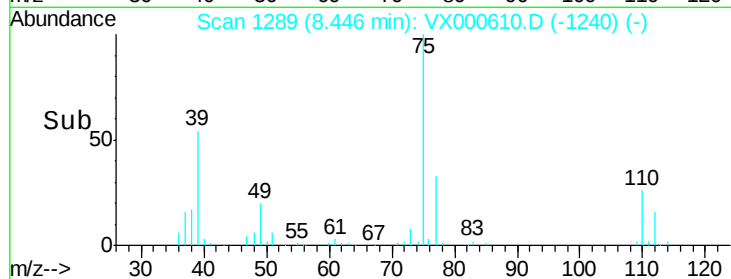
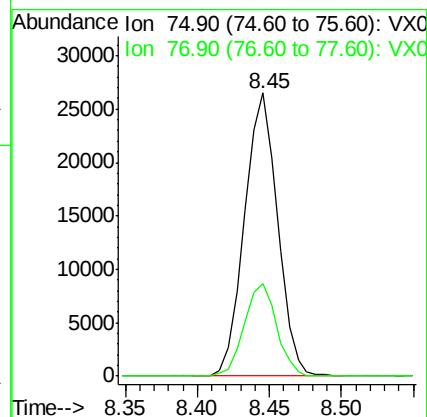
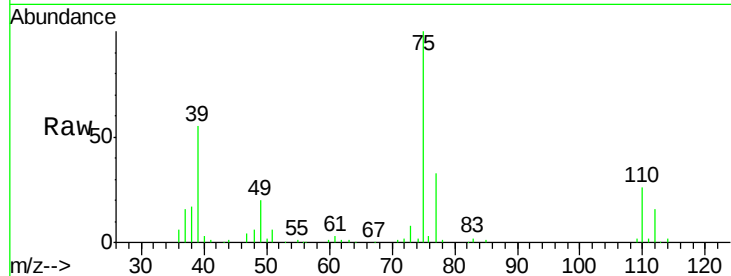




#53
t-1,3-Dichloropropene
Concen: 18.517 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

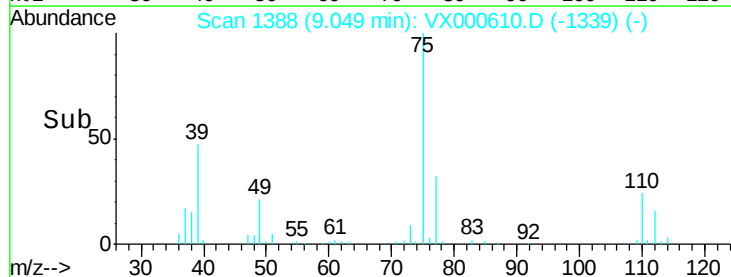
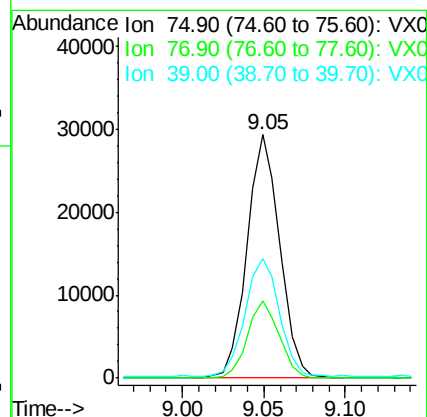
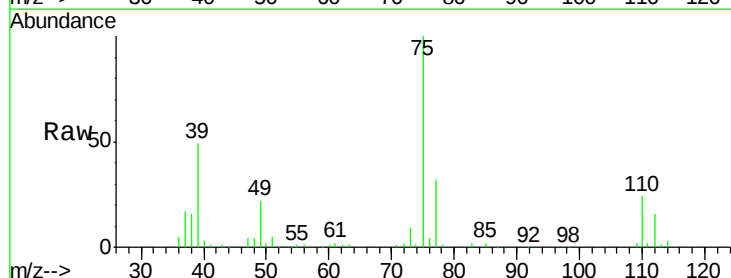
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 42128
Ion Ratio Lower Upper
75 100
77 32.8 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 18.581 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Tgt Ion: 75 Resp: 41005
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
39 48.3 39.8 59.6

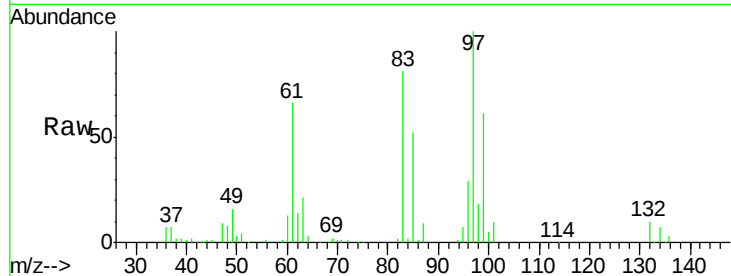




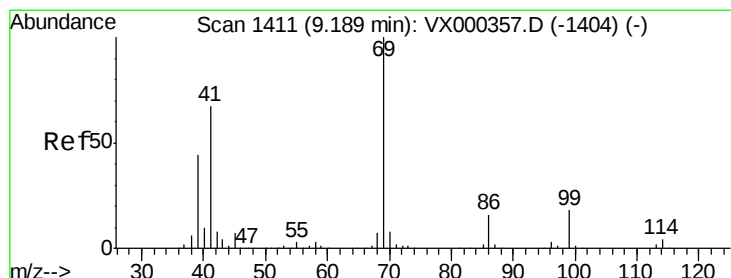
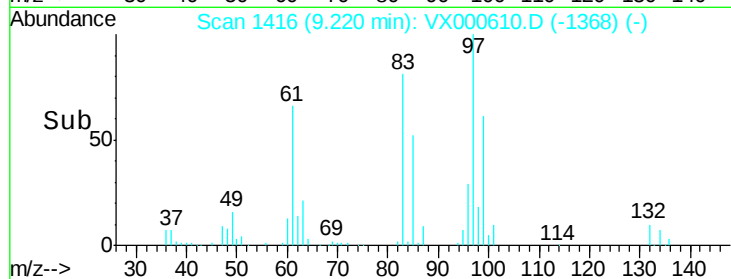
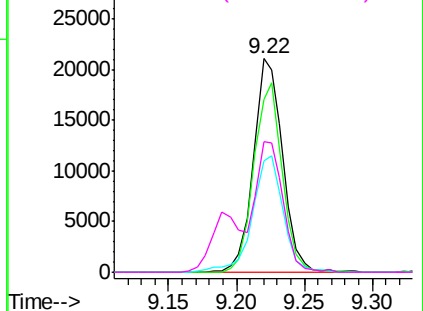
#55
 1,1,2-Trichloroethane
 Concen: 19.876 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	31737
Ion	Ratio	Lower	Upper
97	100		
83	81.1	67.9	101.9
85	52.0	42.8	64.2
99	61.3	49.4	74.2

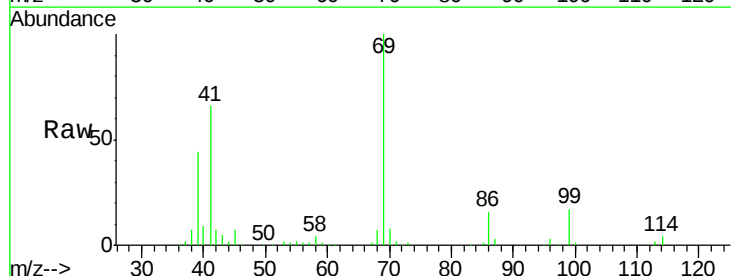


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

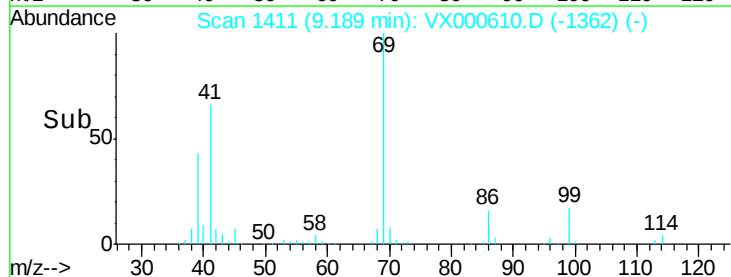
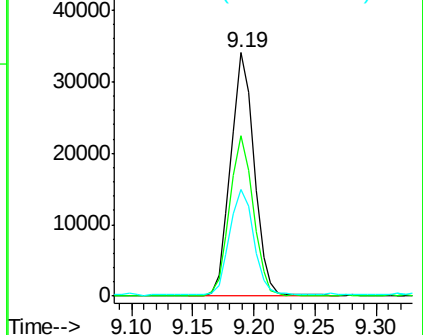


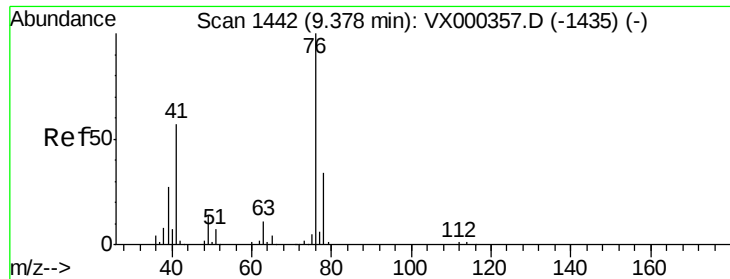
#56
 Ethyl methacrylate
 Concen: 18.814 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

Tgt Ion:	69	Resp:	45521
Ion	Ratio	Lower	Upper
69	100		
41	66.4	53.0	79.6
39	44.6	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

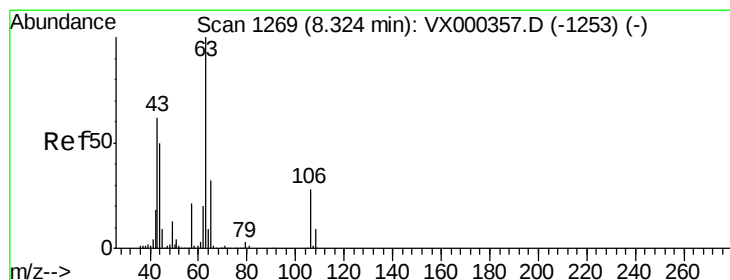
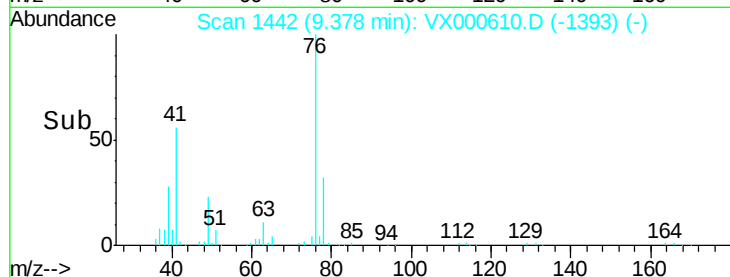
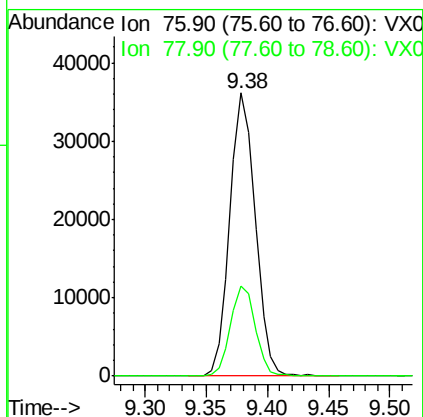
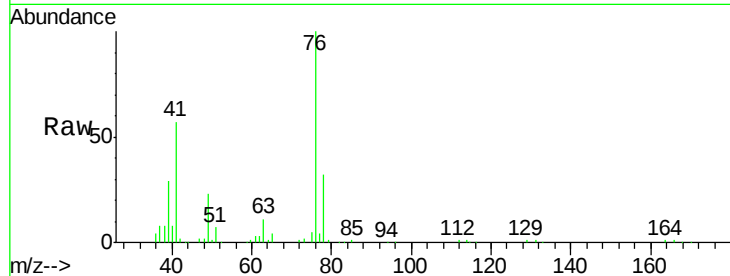




#57
 1,3-Dichloropropane
 Concen: 20.472 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

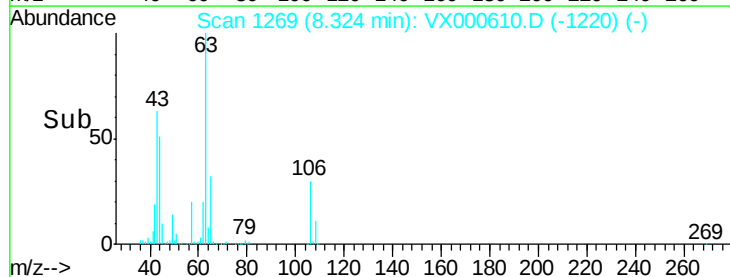
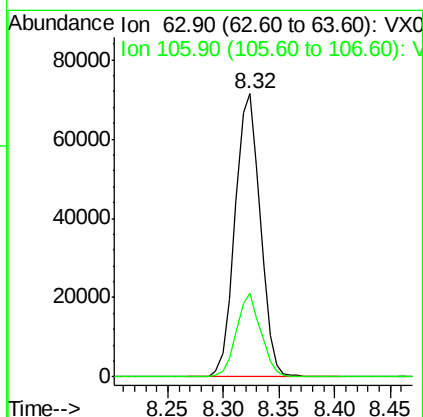
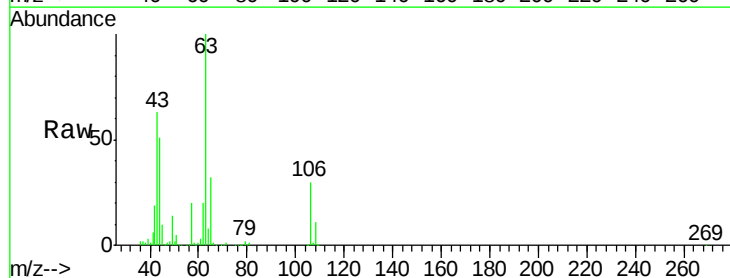
Instrument :
 MSVOA_X
 ClientSampled :

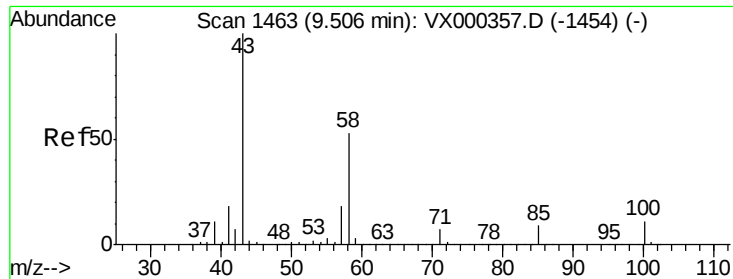
Tot Ion: 76 Resp: 52283
 Ion Ratio Lower Upper
 76 100
 78 31.0 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.633 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

Tgt Ion: 63 Resp: 112214
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.2 34.8

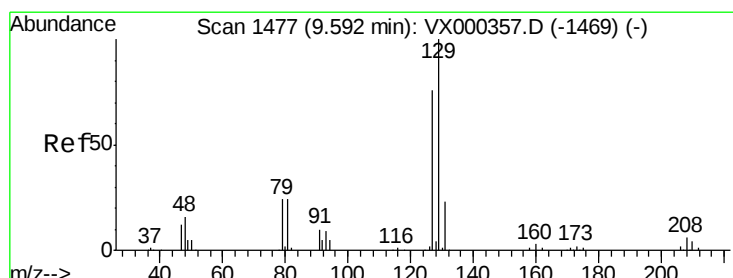
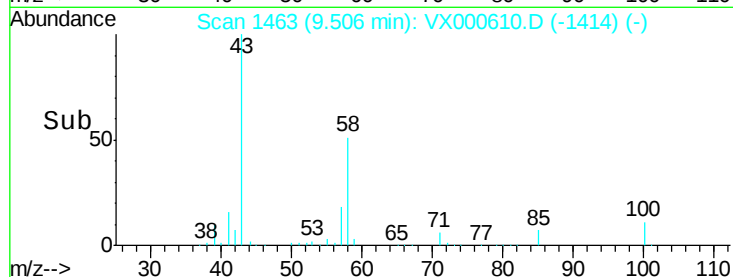
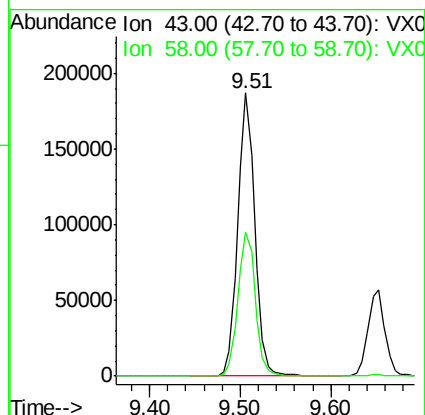
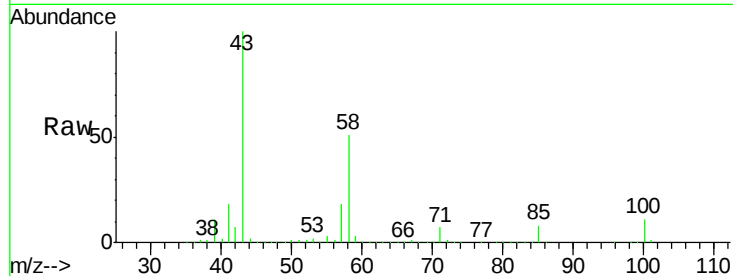




#59
2-Hexanone
Concen: 95.280 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

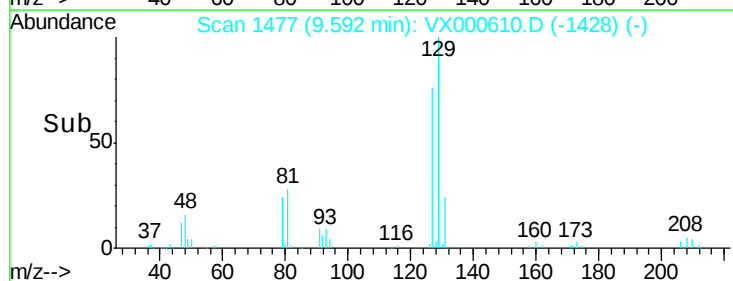
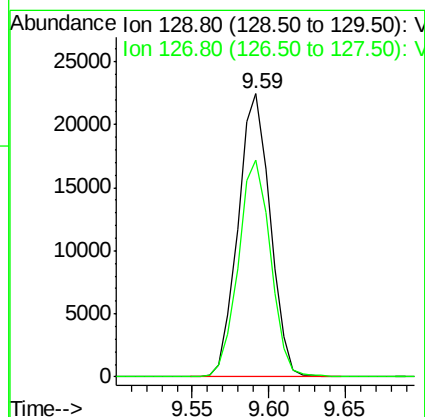
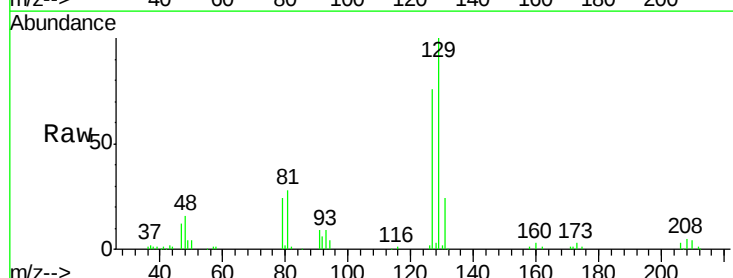
Instrument :
MSVOA_X
ClientSampled :

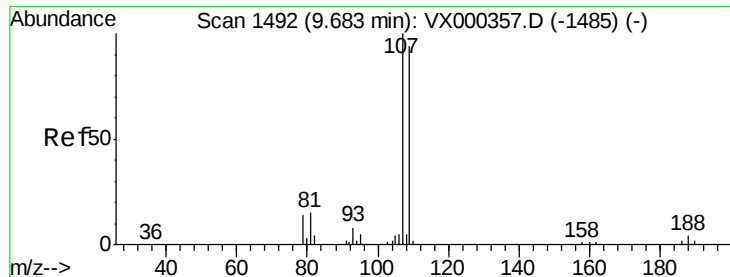
Tot Ion: 43 Resp: 243523
Ion Ratio Lower Upper
43 100
58 52.1 26.6 79.7



#60
Dibromochloromethane
Concen: 20.029 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Tgt Ion: 129 Resp: 32766
Ion Ratio Lower Upper
129 100
127 76.6 37.9 113.6





#61

1,2-Dibromoethane

Concen: 20.991 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

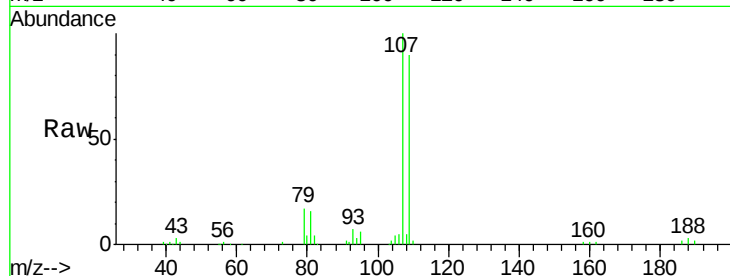
ClientSampleId :

Tot Ion:107 Resp: 35942

Ion Ratio Lower Upper

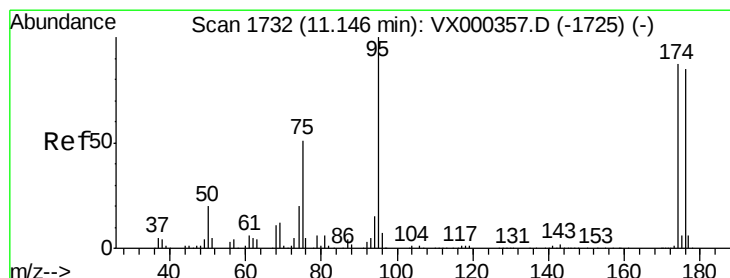
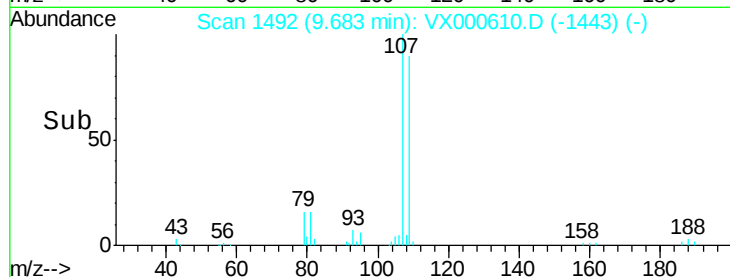
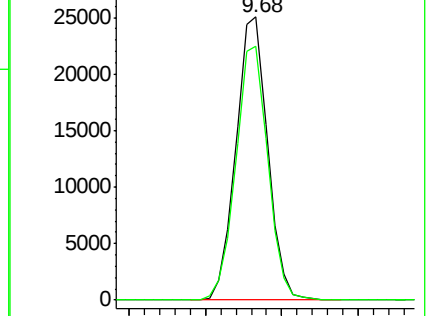
107 100

109 90.8 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: 48.680 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

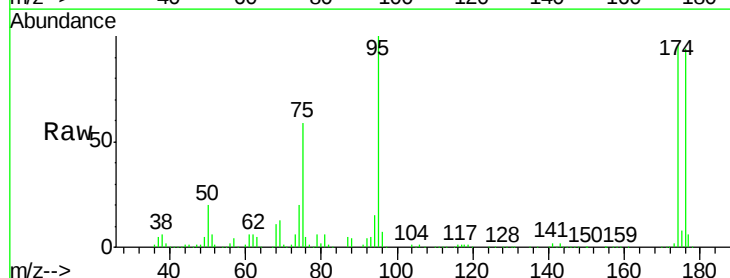
Tgt Ion: 95 Resp: 109197

Ion Ratio Lower Upper

95 100

174 90.2 0.0 173.6

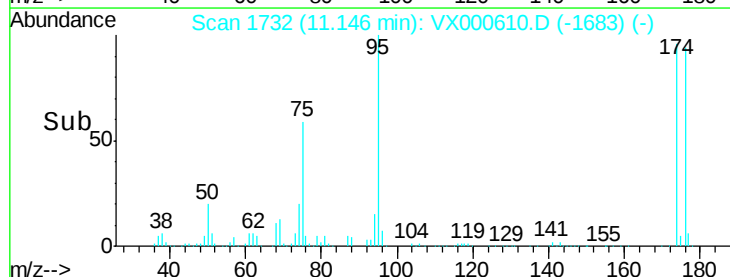
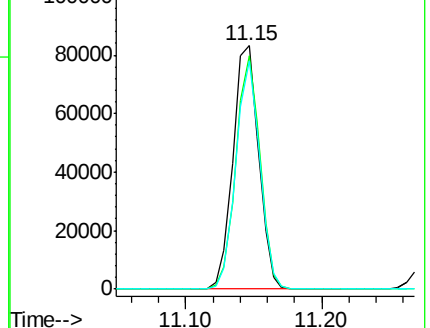
176 87.9 0.0 164.6

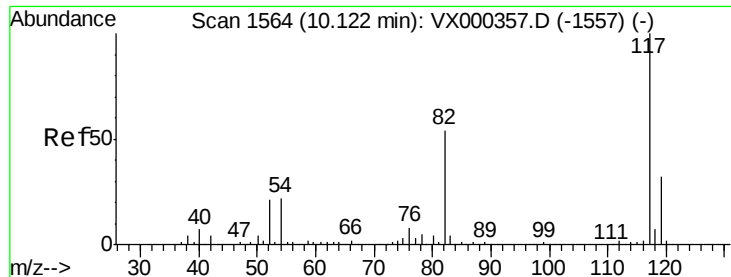


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

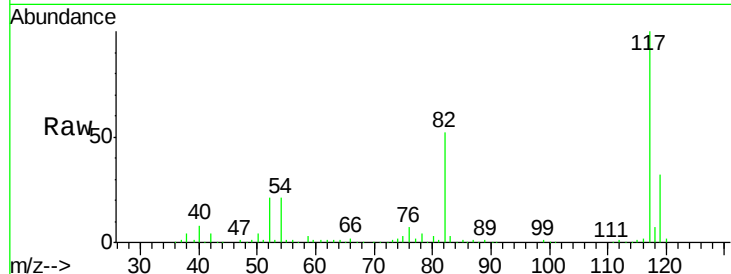




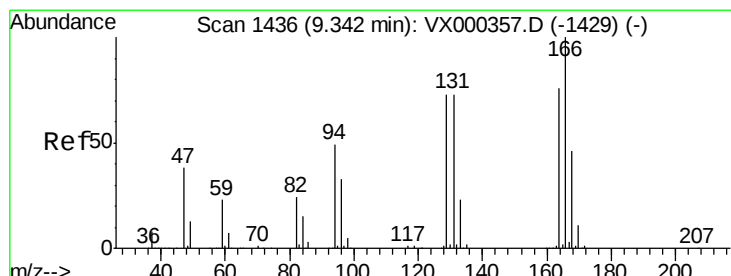
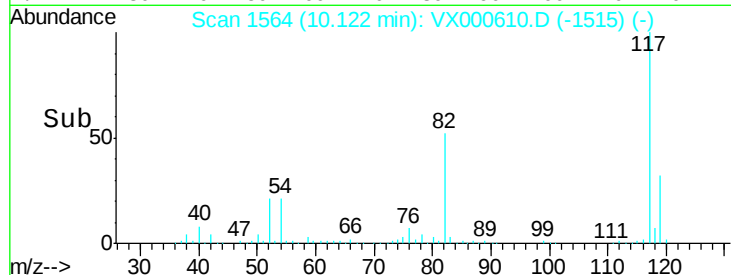
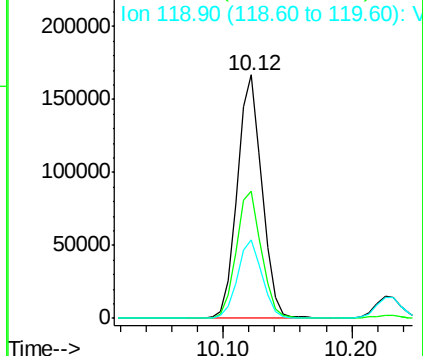
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 221146
Ion Ratio Lower Upper
117 100
82 52.2 43.8 65.8
119 32.3 24.9 37.3



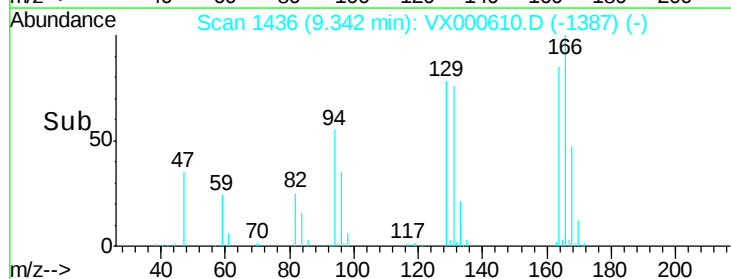
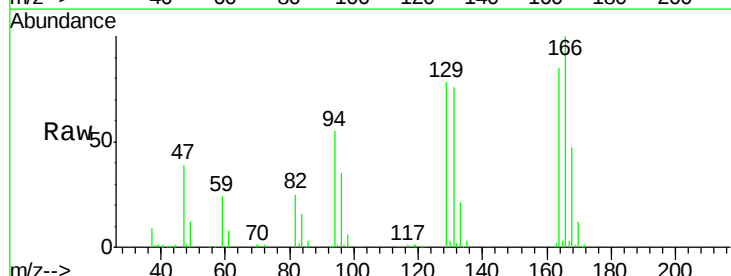
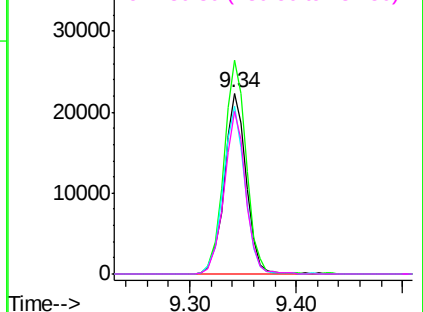
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

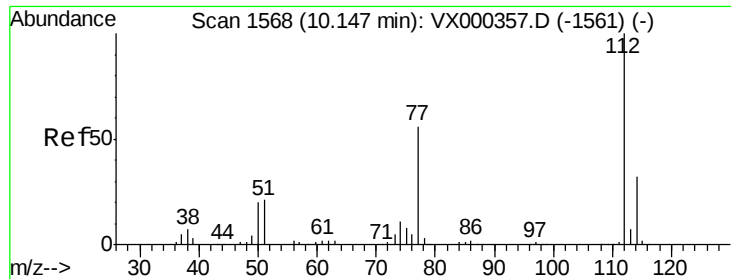


#64
Tetrachloroethene
Concen: 18.687 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Tgt Ion:164 Resp: 32068
Ion Ratio Lower Upper
164 100
166 118.3 101.0 151.6
129 92.9 79.0 118.4
131 90.0 71.9 107.9

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

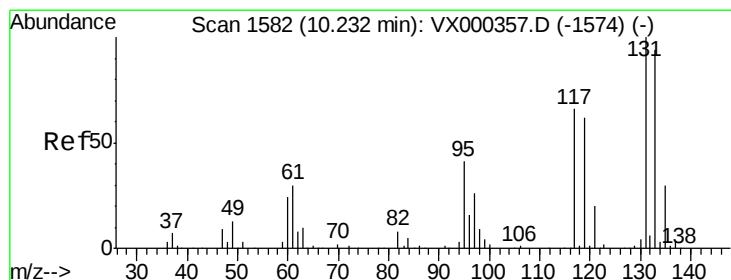
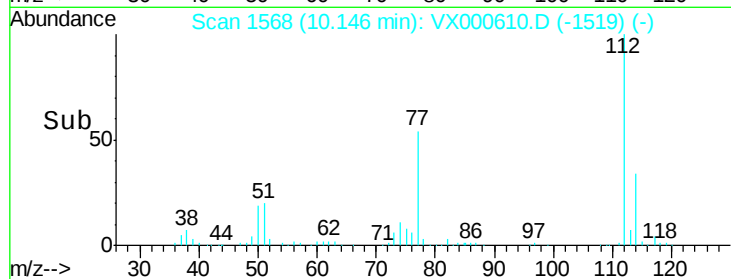
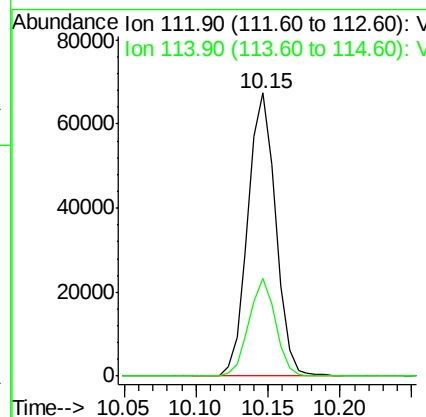
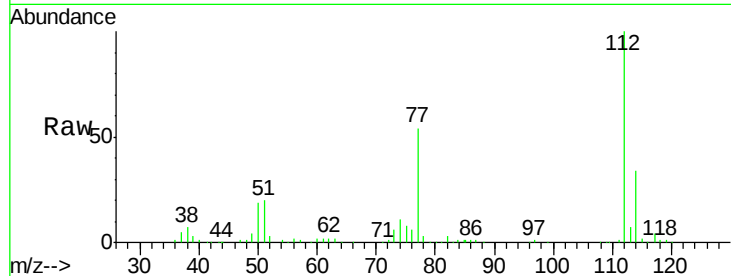




#65
Chlorobenzene
Concen: 18.340 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

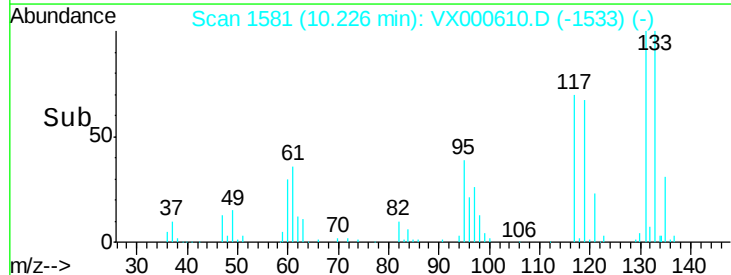
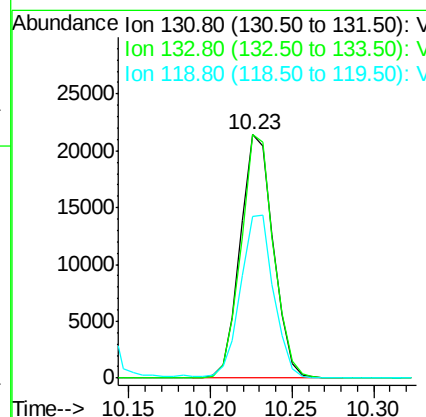
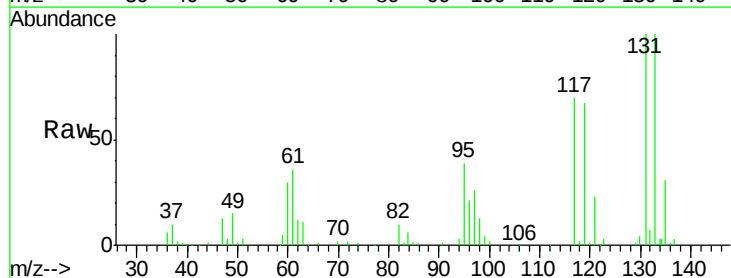
Instrument :
MSVOA_X
ClientSampleId :

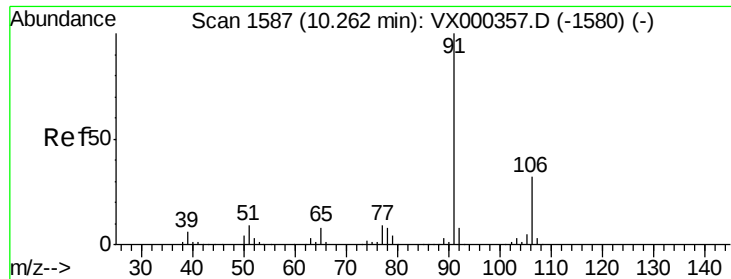
Tot Ion:112 Resp: 90261
Ion Ratio Lower Upper
112 100
114 34.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.054 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Tgt Ion:131 Resp: 30176
Ion Ratio Lower Upper
131 100
133 98.5 47.1 141.3
119 66.9 33.1 99.2





#67

Ethyl Benzene

Concen: 18.553 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

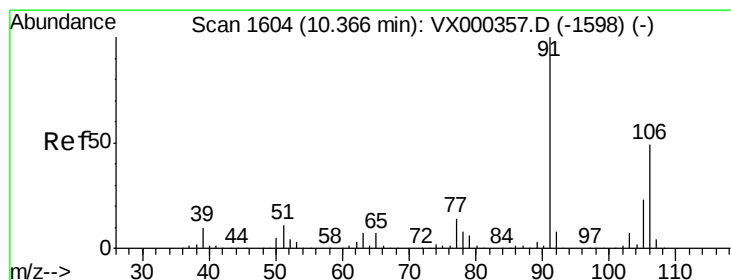
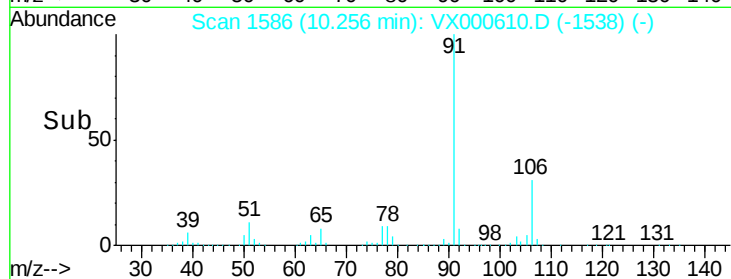
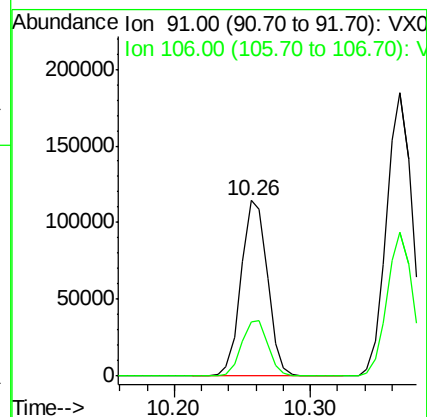
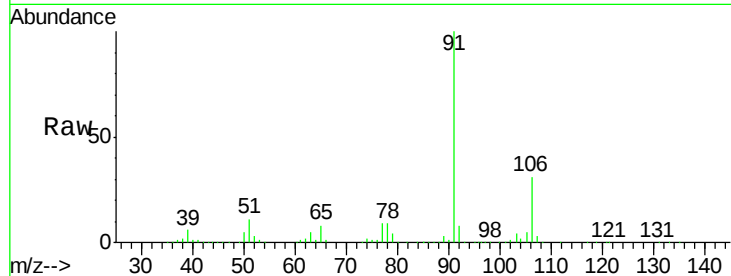
ClientSampled :

Tot Ion: 91 Resp: 154785

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.6



#68

m/p-Xylenes

Concen: 37.612 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000610.D

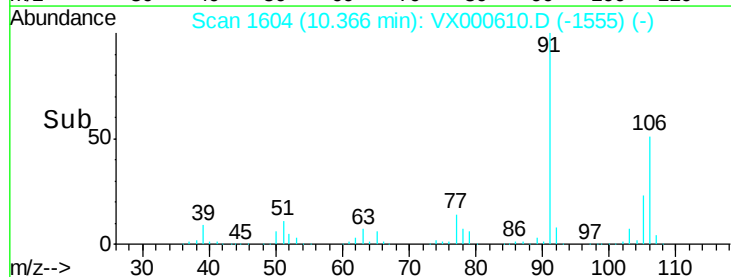
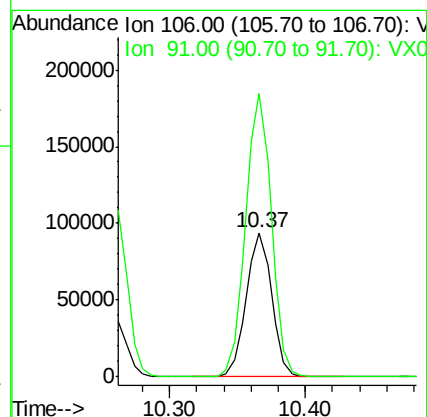
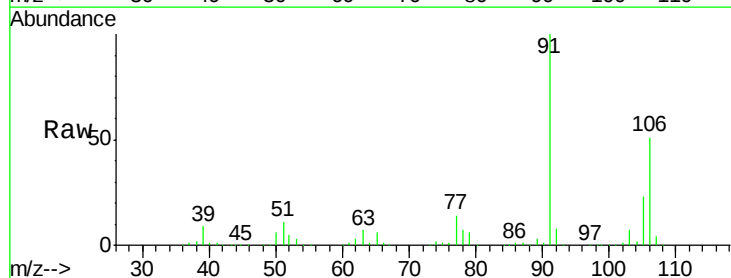
Acq: 31 Mar 2018 23:23

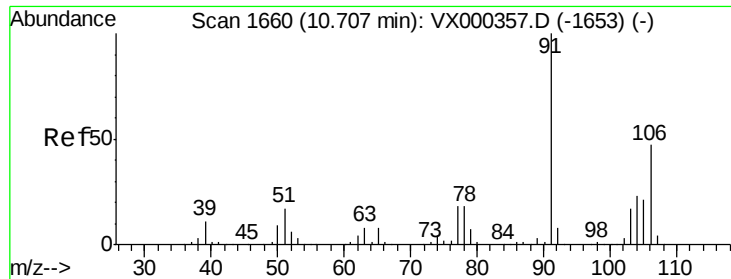
Tgt Ion: 106 Resp: 123475

Ion Ratio Lower Upper

106 100

91 197.8 163.4 245.2

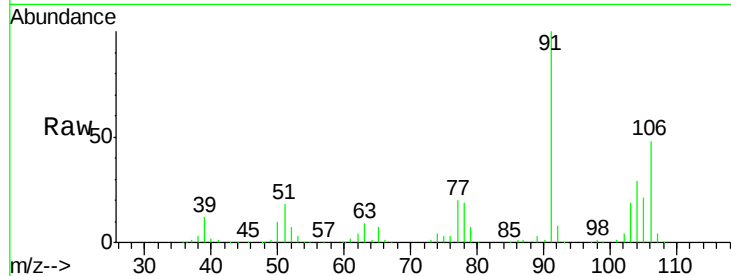




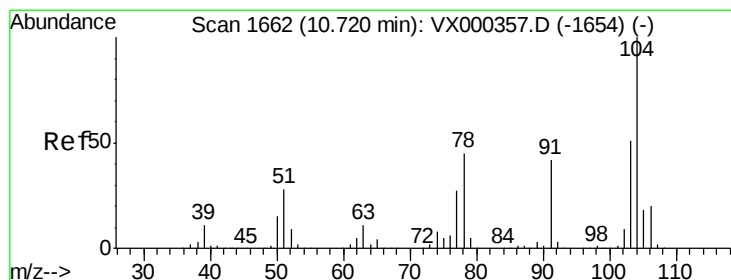
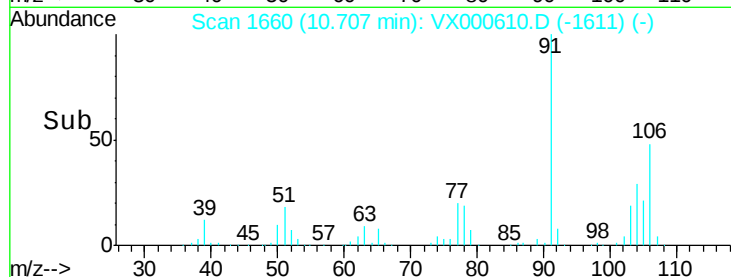
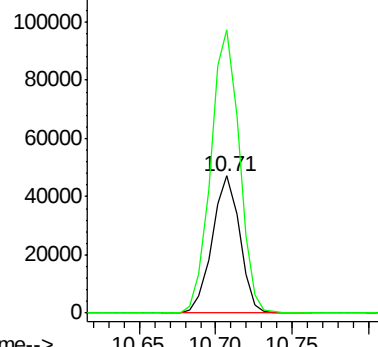
#69
o-Xylene
Concen: 18.467 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 58701
Ion Ratio Lower Upper
106 100
91 213.8 106.5 319.6

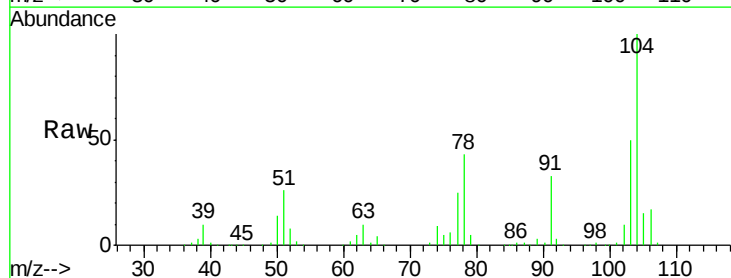


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

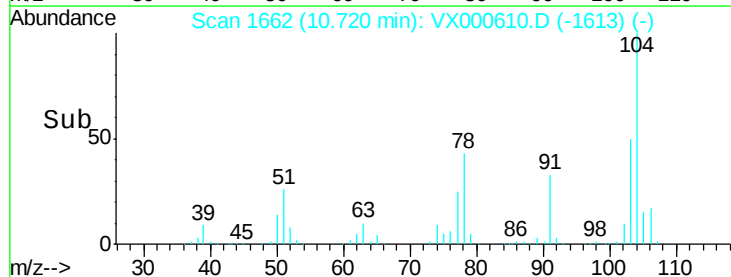
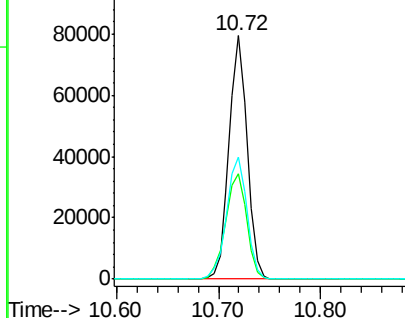


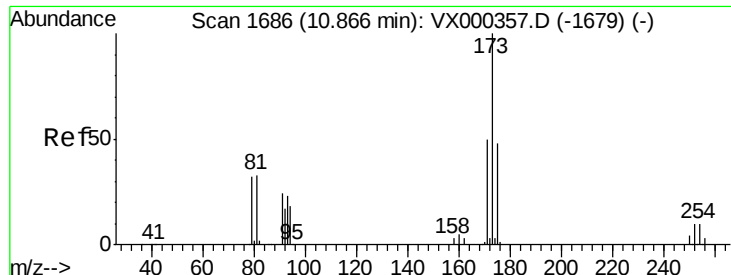
#70
Styrene
Concen: 18.557 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Tgt Ion:104 Resp: 97601
Ion Ratio Lower Upper
104 100
78 50.1 40.5 60.7
103 56.2 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: 17.433 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

ClientSampled :

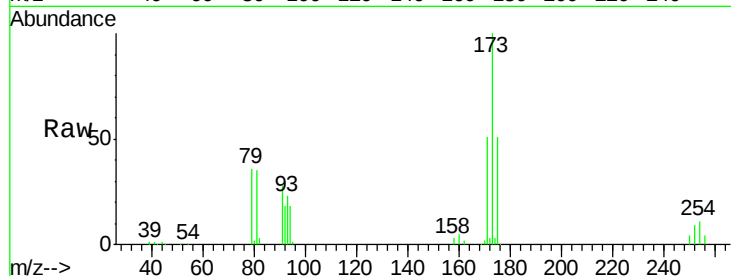
Tot Ion:173 Resp: 24381

Ion Ratio Lower Upper

173 100

175 52.1 25.4 76.4

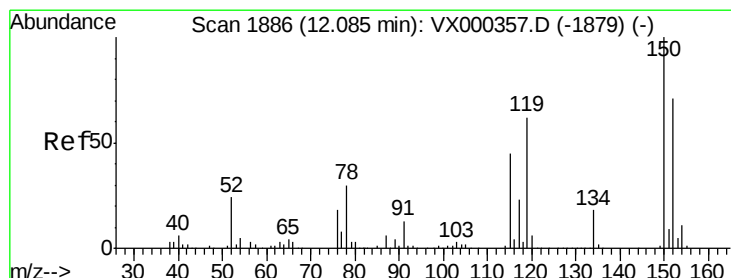
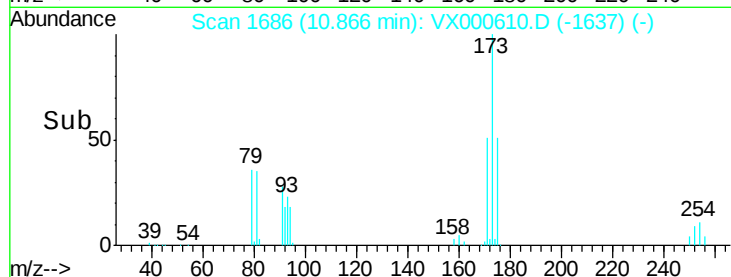
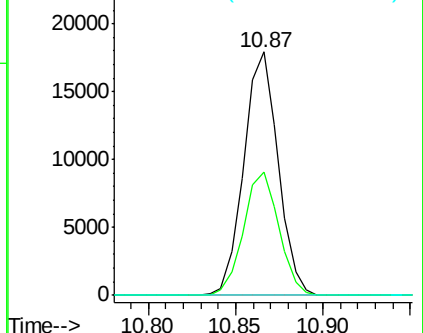
254 0.0 0.0 0.0



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: VX000610.D

Acq: 31 Mar 2018 23:23

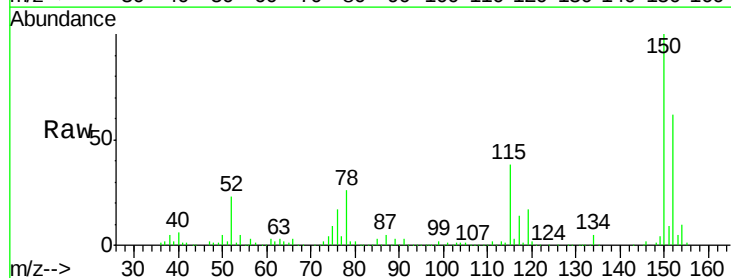
Tgt Ion:152 Resp: 131722

Ion Ratio Lower Upper

152 100

115 67.5 39.8 119.3

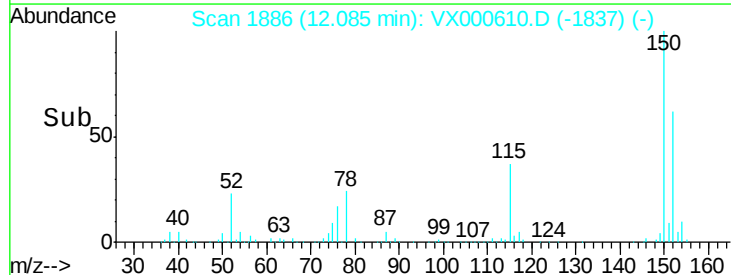
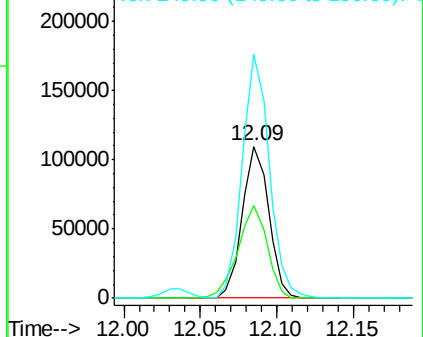
150 164.4 0.0 344.4



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: 18.793 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

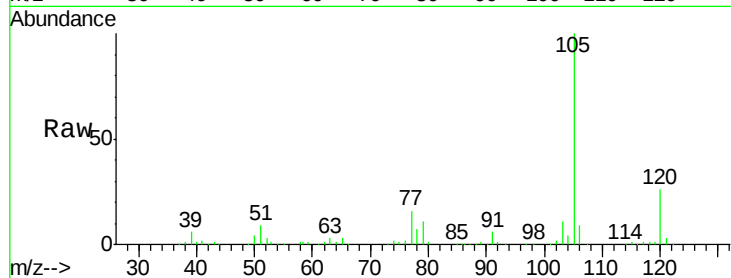
ClientSampled :

Tot Ion:105 Resp: 164016

Ion Ratio Lower Upper

105 100

120 26.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

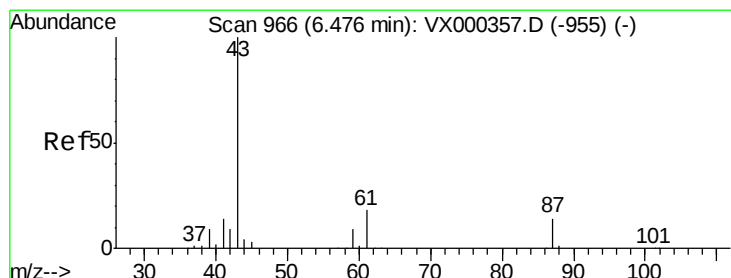
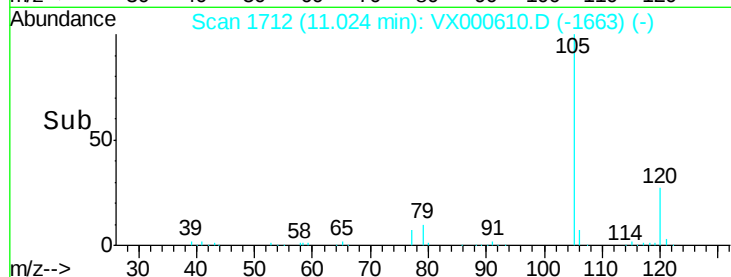
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 16.539 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Tgt Ion: 43 Resp: 71301

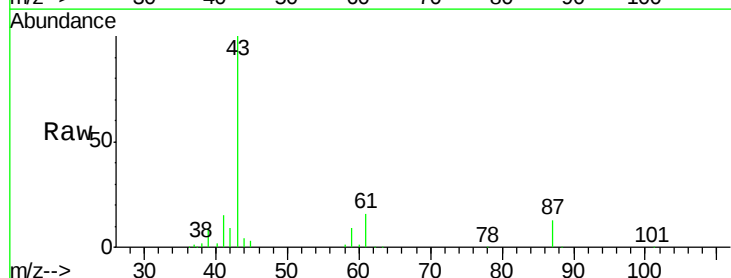
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.7 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

6.48

40000

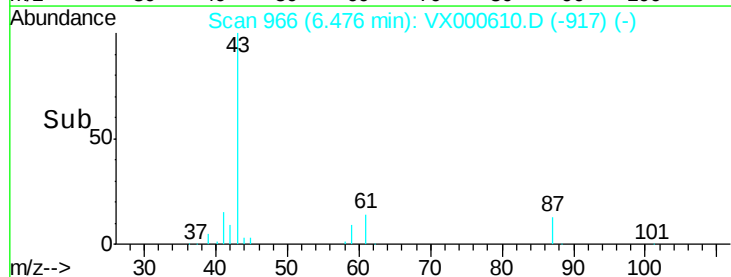
30000

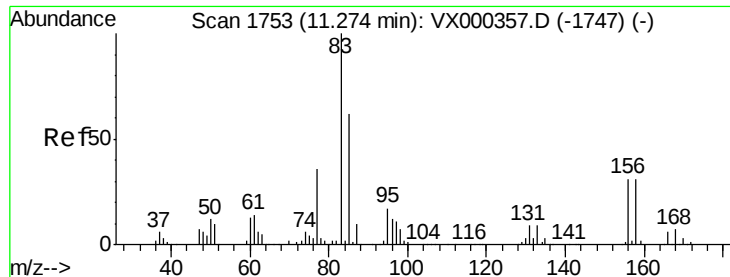
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.984 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

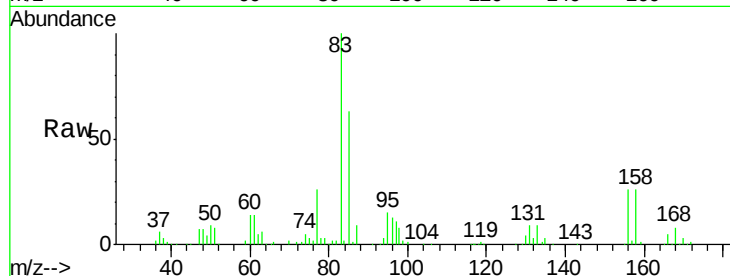
Tot Ion: 83 Resp: 58603

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

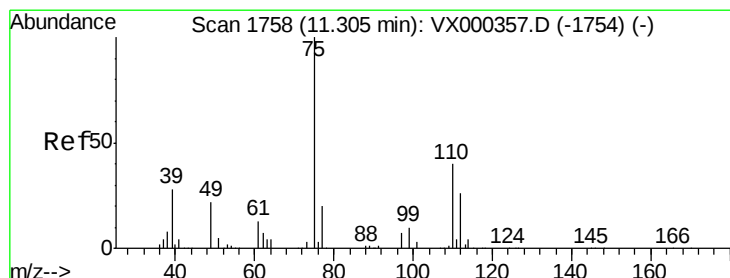
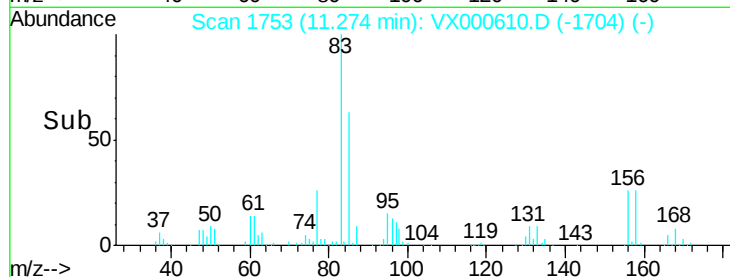
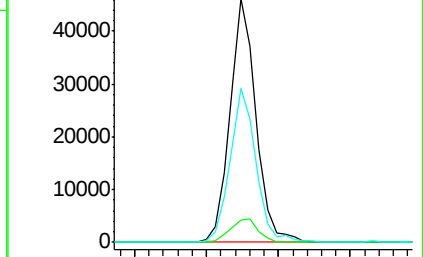
85 63.6 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.694 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000610.D

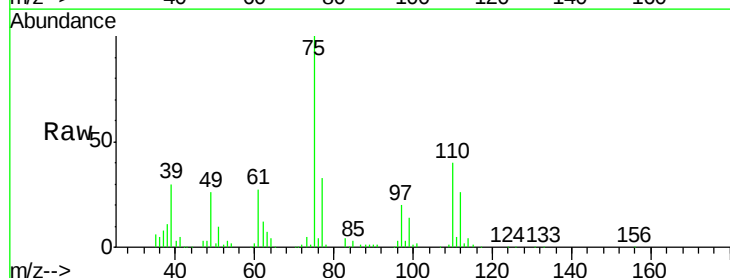
Acq: 31 Mar 2018 23:23

Tgt Ion: 75 Resp: 64243

Ion Ratio Lower Upper

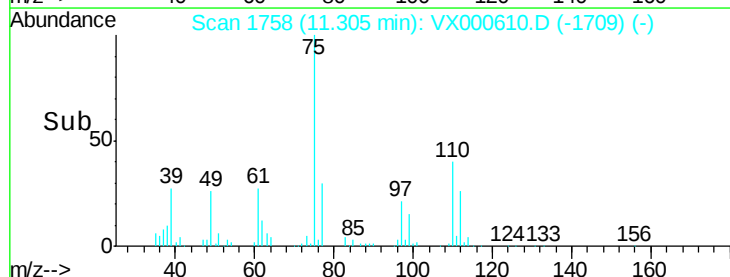
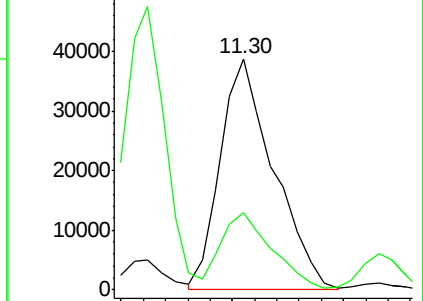
75 100

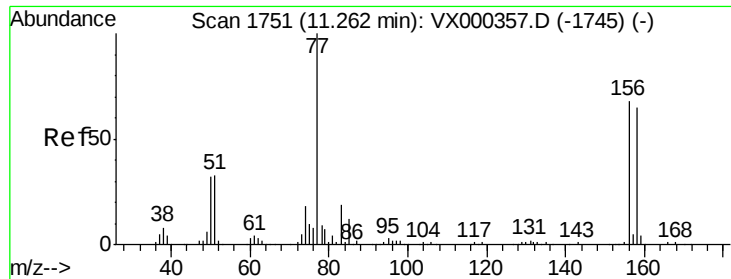
77 32.1 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.942 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

ClientSampled :

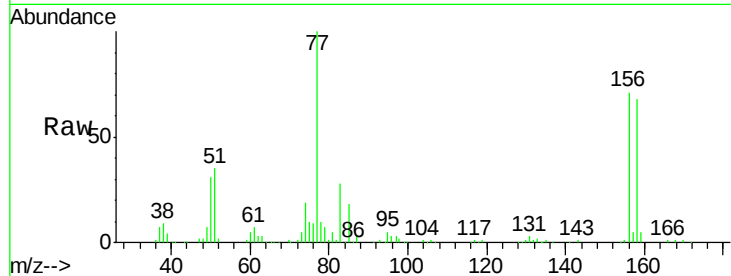
Tot Ion:156 Resp: 41715

Ion Ratio Lower Upper

156 100

77 146.3 73.4 220.2

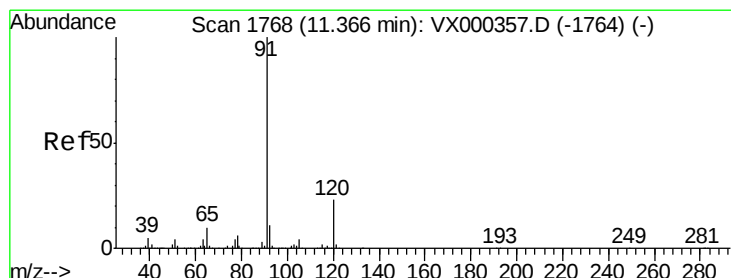
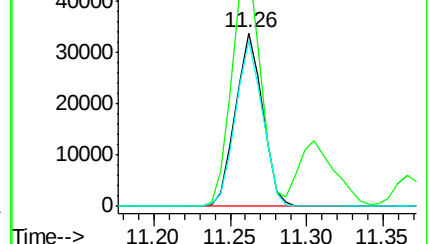
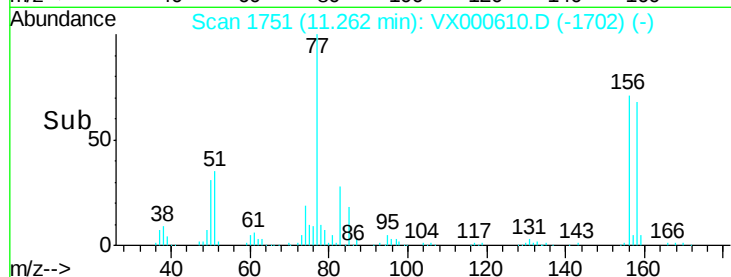
158 95.1 48.5 145.6



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: 18.582 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000610.D

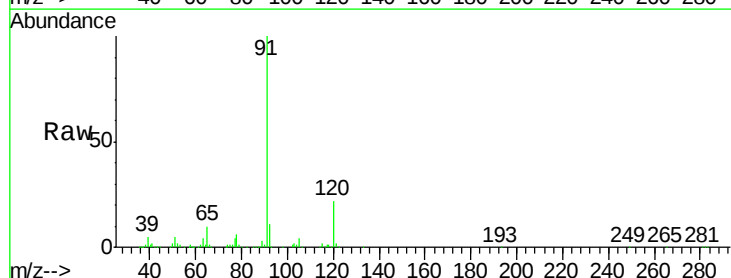
Acq: 31 Mar 2018 23:23

Tgt Ion: 91 Resp: 193370

Ion Ratio Lower Upper

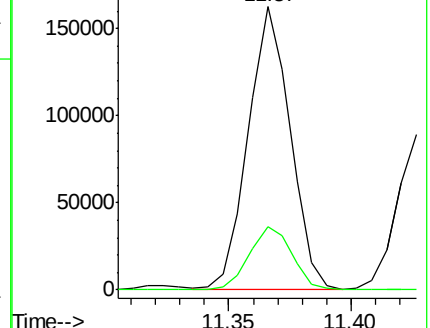
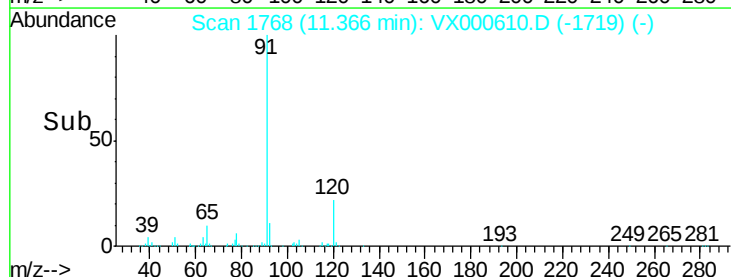
91 100

120 23.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

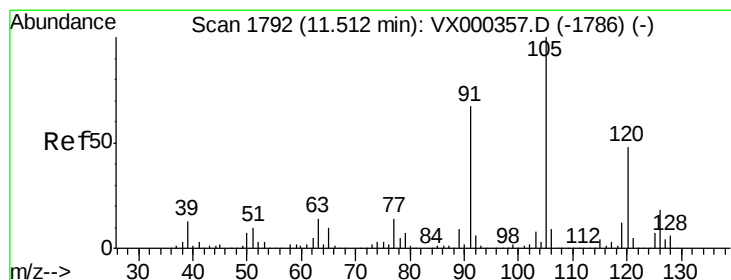
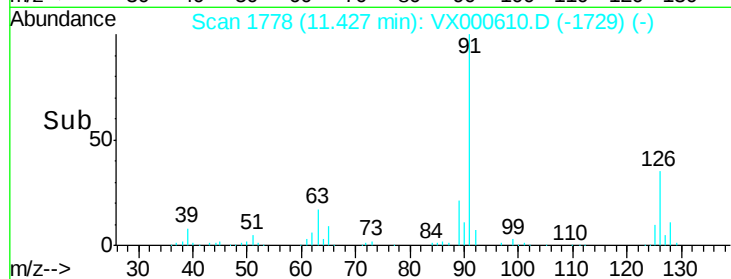
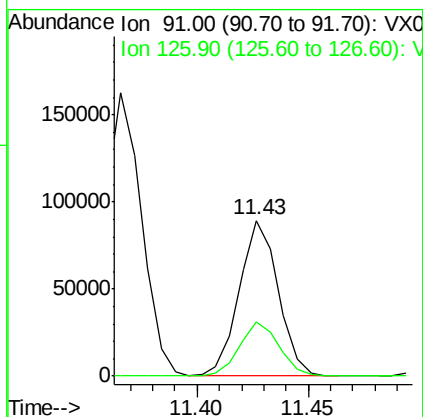
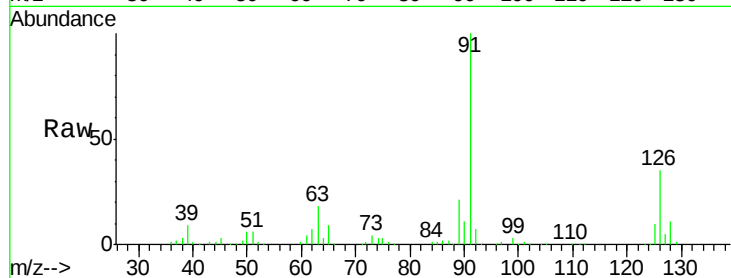




#79
 2-Chlorotoluene
 Concen: 18.086 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

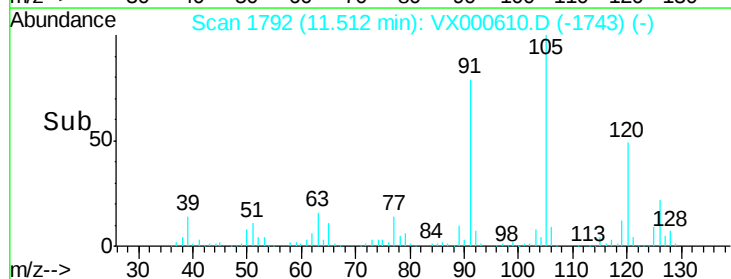
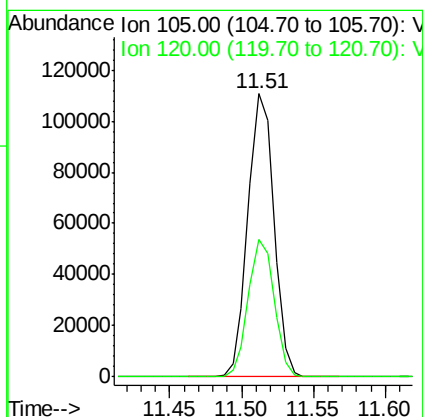
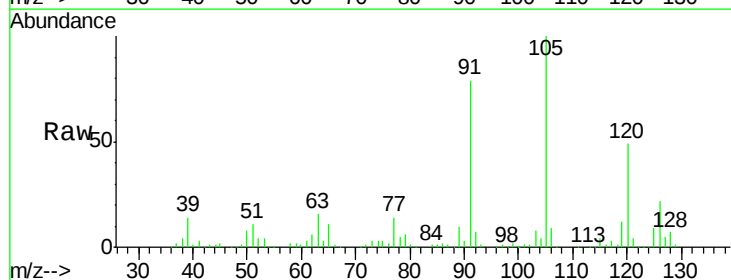
Instrument :
 MSVOA_X
 ClientSampleId :

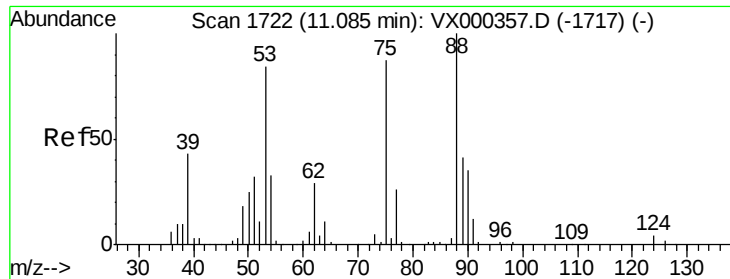
Tot Ion: 91 Resp: 108728
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.823 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

Tgt Ion: 105 Resp: 138131
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.065 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.01 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

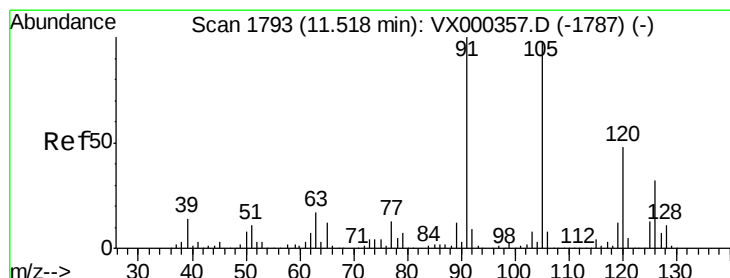
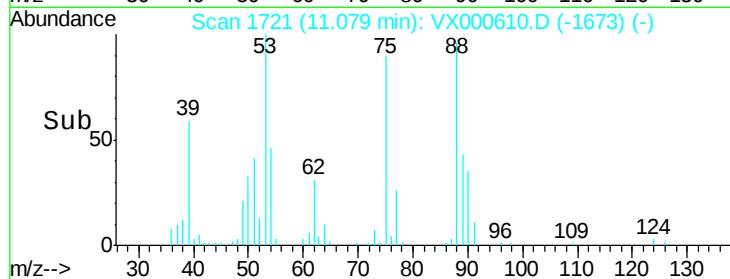
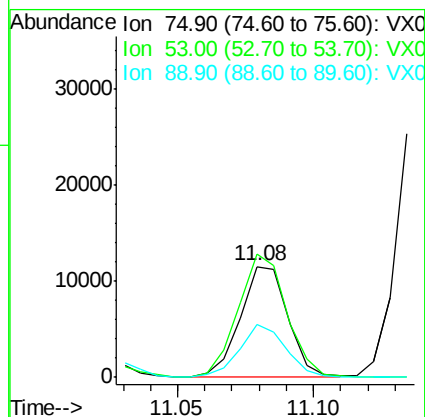
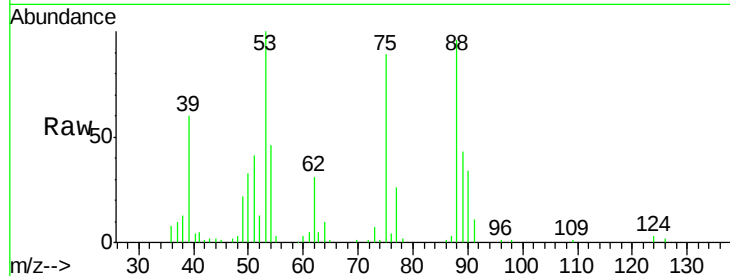
Tot Ion: 75 Resp: 14047

Ion Ratio Lower Upper

75 100

53 113.3 80.7 121.1

89 46.0 39.4 59.0



#82

4-Chlorotoluene

Concen: 18.952 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000610.D

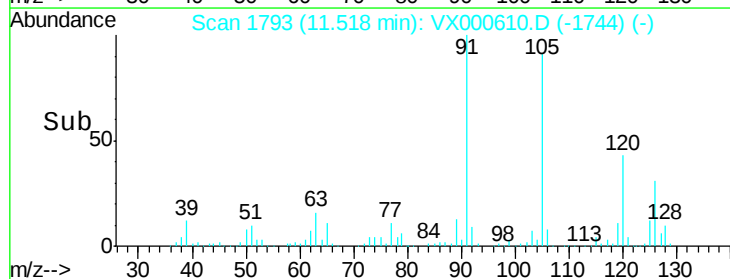
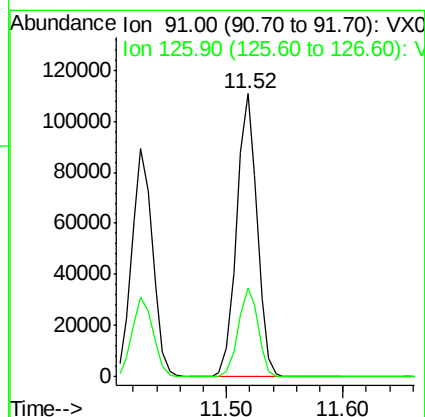
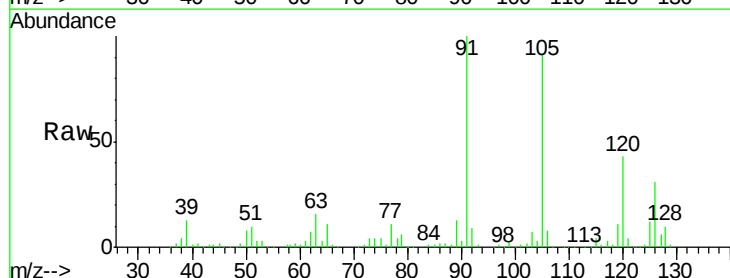
Acq: 31 Mar 2018 23:23

Tgt Ion: 91 Resp: 136036

Ion Ratio Lower Upper

91 100

126 30.8 15.4 46.1

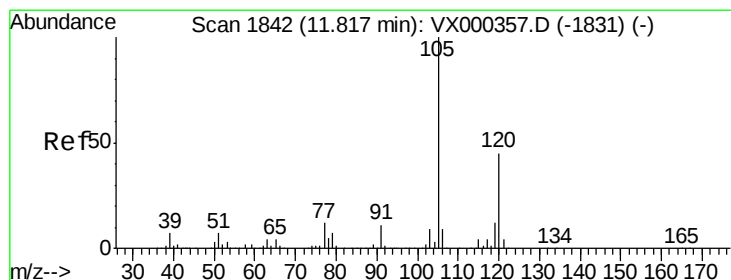
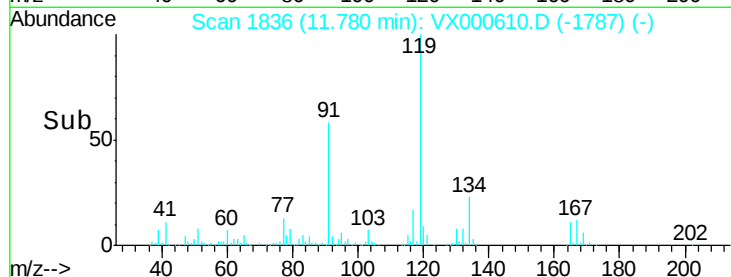
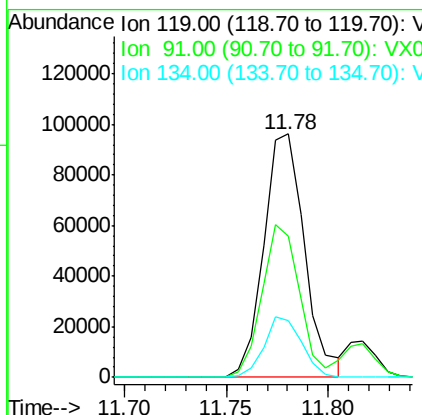
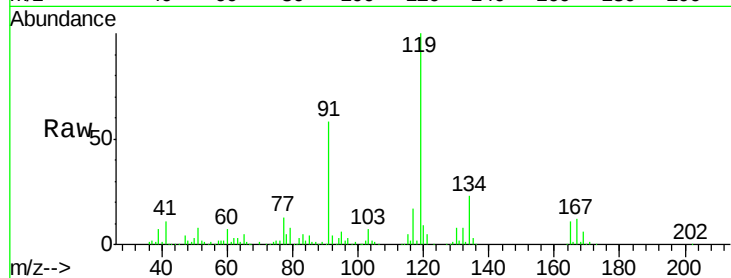




#83
tert-Butylbenzene
Concen: 18.116 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

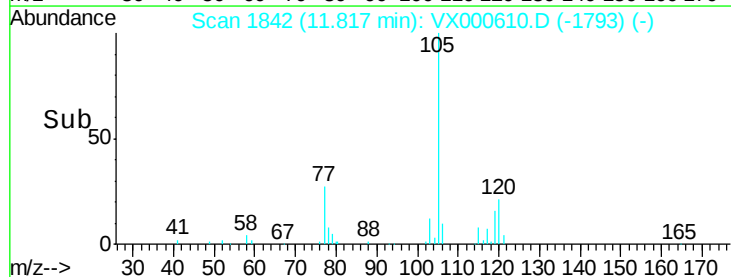
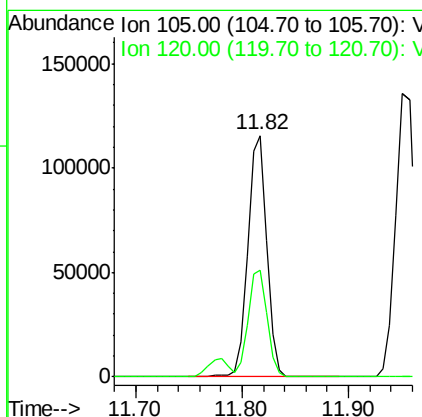
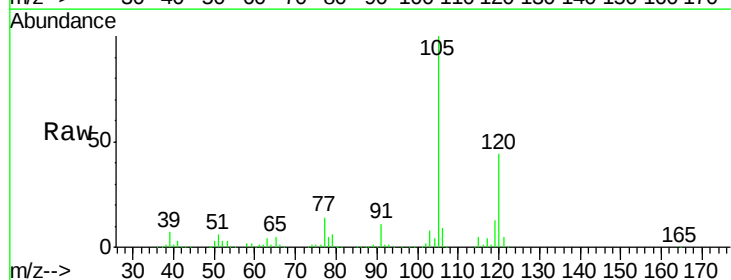
Instrument :
MSVOA_X
ClientSampled :

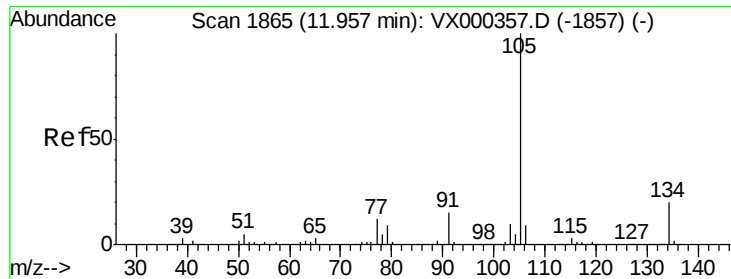
Tot Ion:119 Resp: 134079
Ion Ratio Lower Upper
119 100
91 57.7 28.8 86.4
134 23.1 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 18.726 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000610.D
Acq: 31 Mar 2018 23:23

Tgt Ion:105 Resp: 144072
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.3





#85

sec-Butylbenzene

Concen: 18.787 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

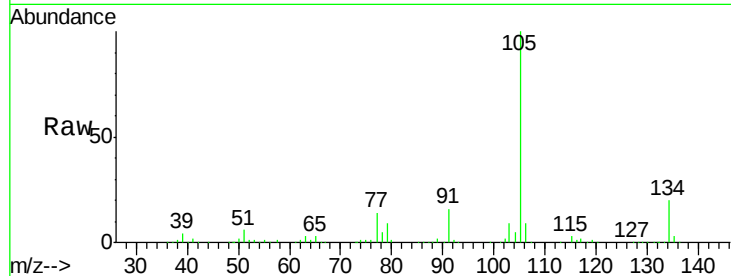
ClientSampled :

Tot Ion:105 Resp: 172040

Ion Ratio Lower Upper

105 100

134 20.1 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

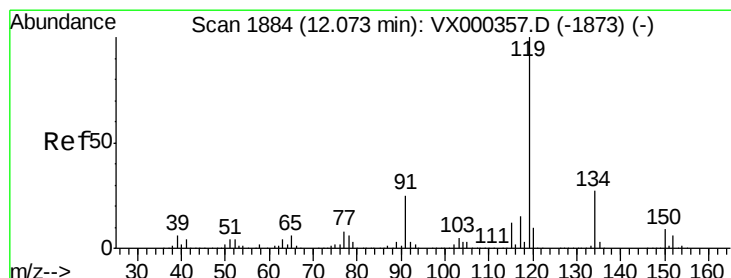
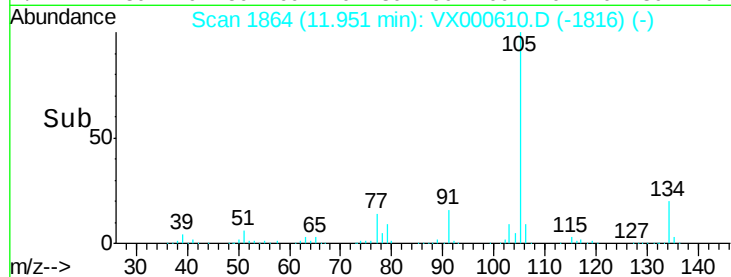
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.717 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

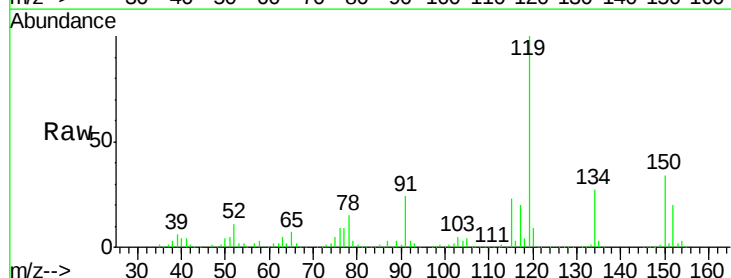
Tgt Ion:119 Resp: 152225

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

91 24.8 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

12.07

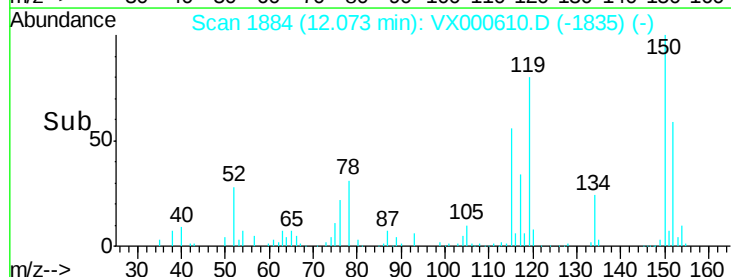
150000

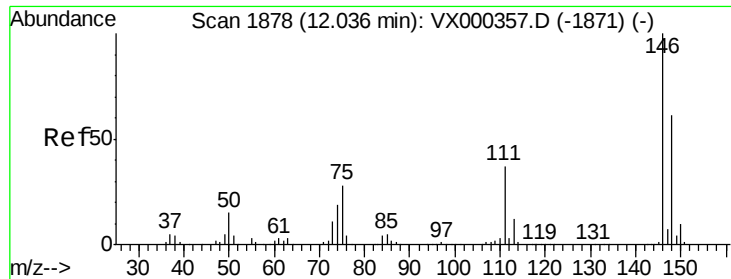
100000

50000

0

Time-->

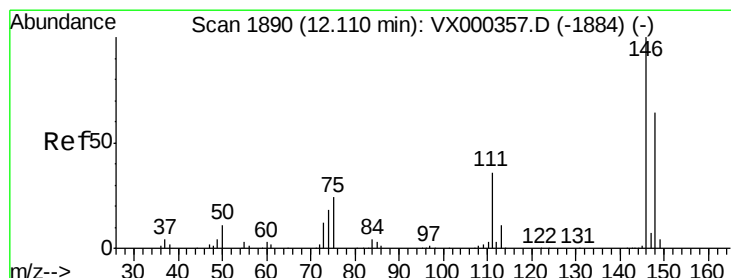
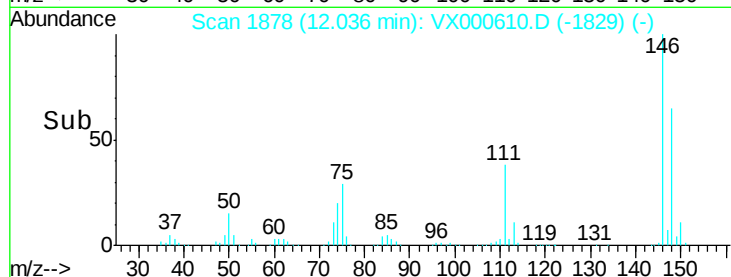
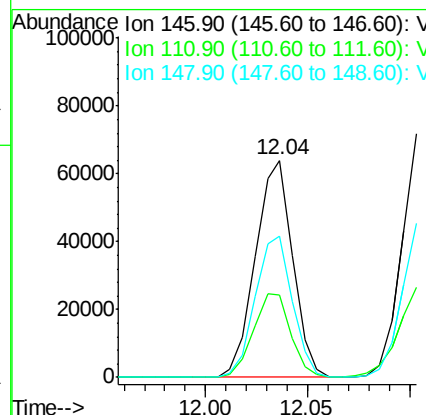
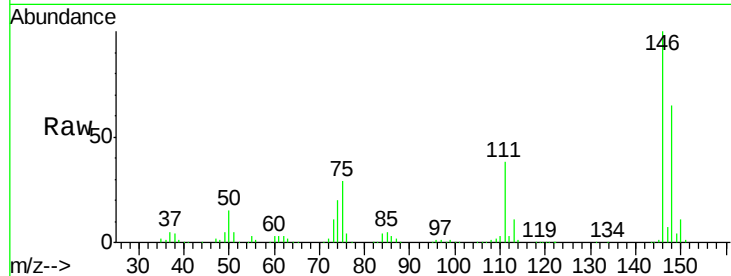




#87
 1,3-Dichlorobenzene
 Concen: 18.466 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

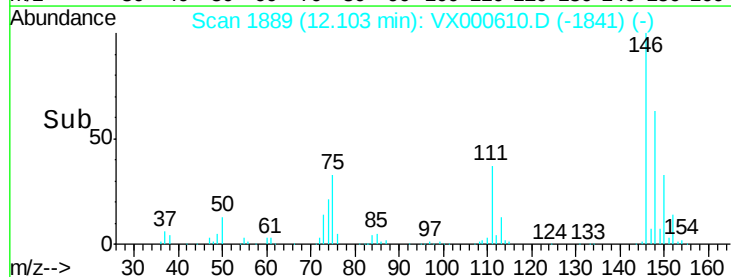
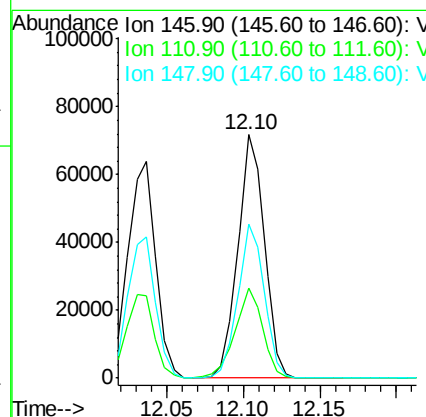
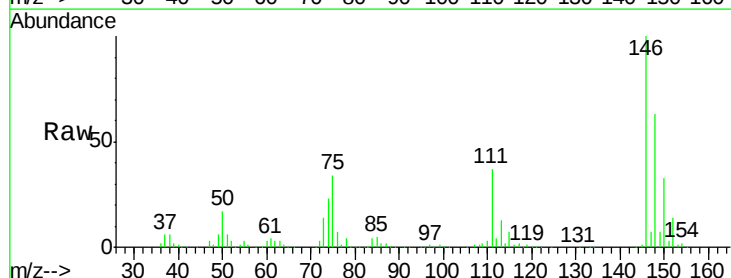
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 81175
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.5 58.5
 148 65.2 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 18.717 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

Tgt Ion:146 Resp: 86386
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.9 56.9
 148 62.8 31.0 93.0





#89

n-Butylbenzene

Concen: 18.793 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

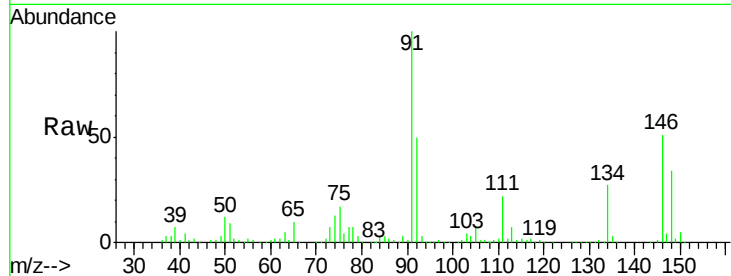
Tot Ion: 91 Resp: 142307

Ion Ratio Lower Upper

91 100

92 49.9 25.9 77.8

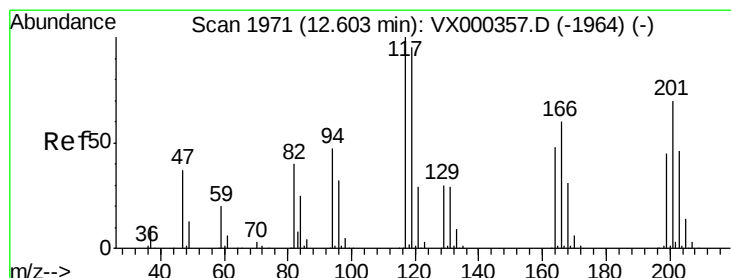
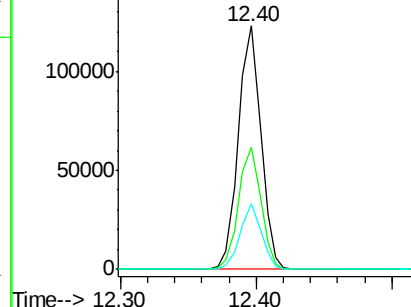
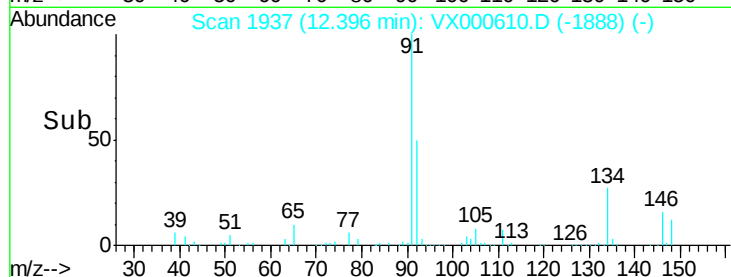
134 25.5 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX000610.D (-1888) (-)

Ion 92.00 (91.70 to 92.70): VX000610.D (-1888) (-)

Ion 134.00 (133.70 to 134.70): VX000610.D (-1888) (-)



#90

Hexachloroethane

Concen: 17.661 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000610.D

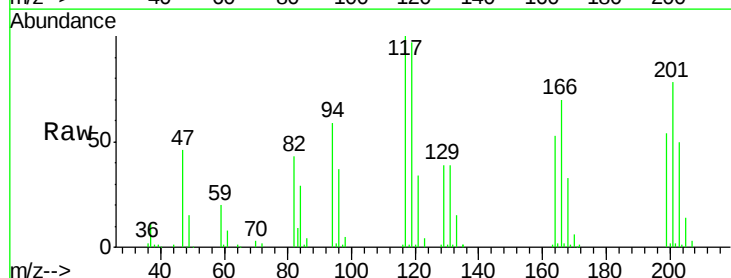
Acq: 31 Mar 2018 23:23

Tgt Ion: 117 Resp: 22609

Ion Ratio Lower Upper

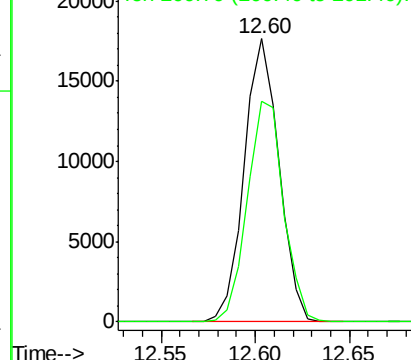
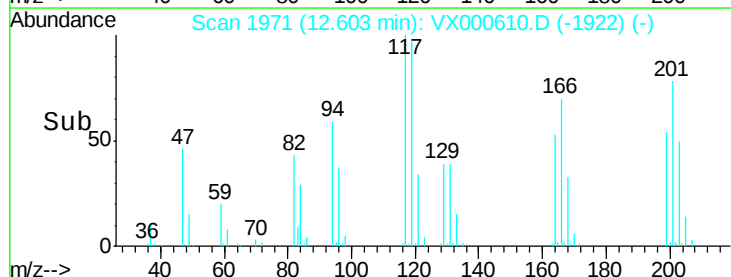
117 100

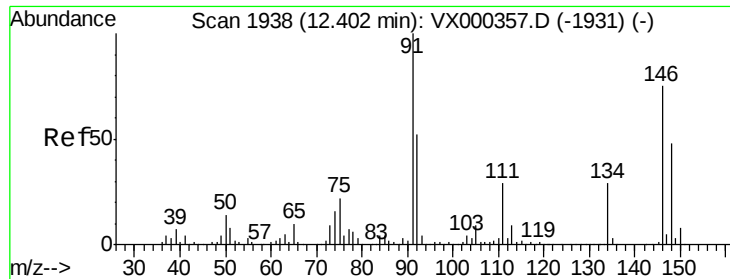
201 81.1 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VX000610.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX000610.D (-1922) (-)

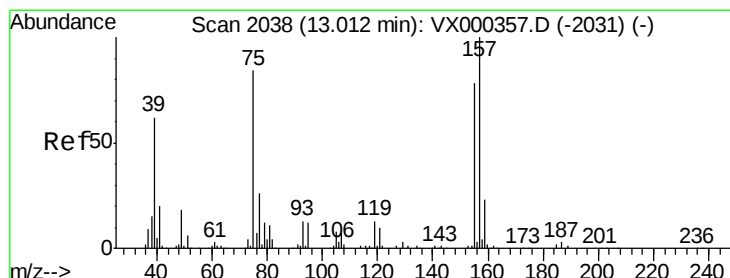
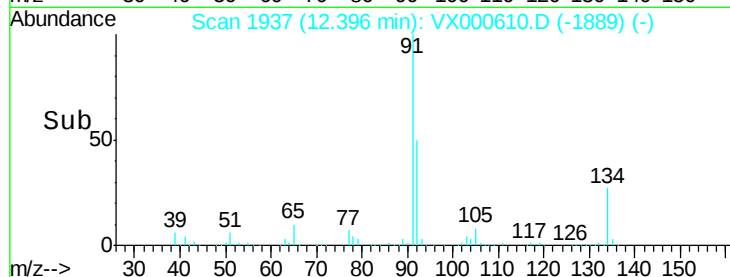
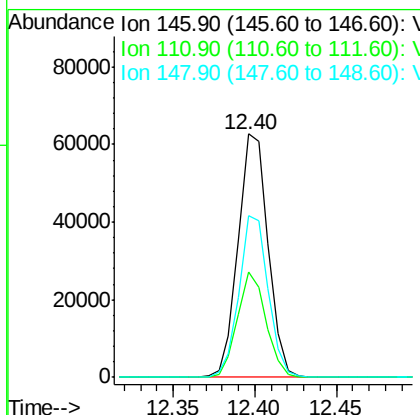
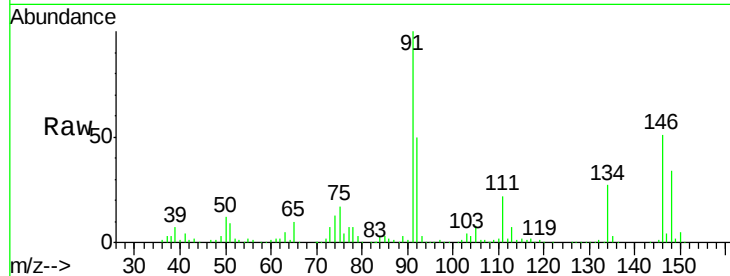




#91
 1,2-Dichlorobenzene
 Concen: 18.670 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

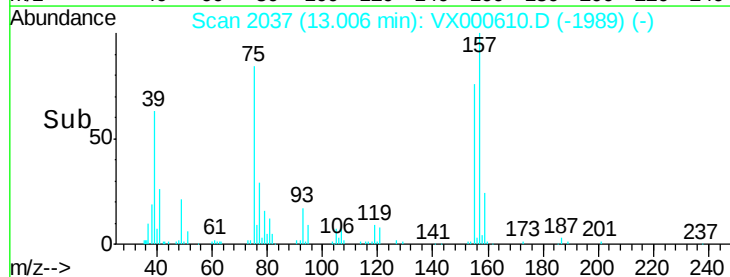
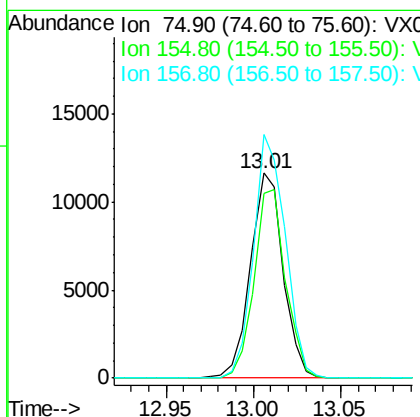
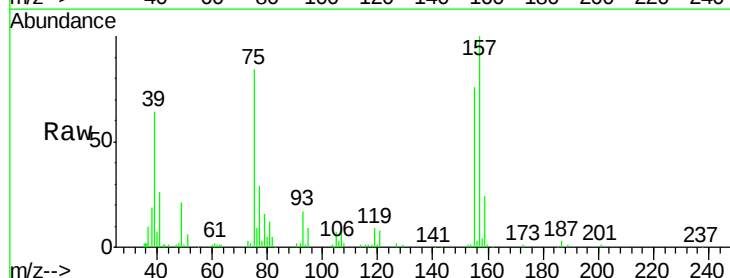
Instrument :
 MSVOA_X
 ClientSampleId :

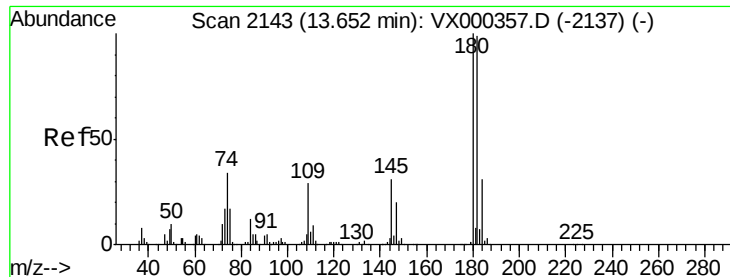
Tot Ion:146 Resp: 80463
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.1 60.2
 148 64.6 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.457 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

Tgt Ion: 75 Resp: 15029
 Ion Ratio Lower Upper
 75 100
 155 89.1 45.0 134.8
 157 115.4 58.1 174.2

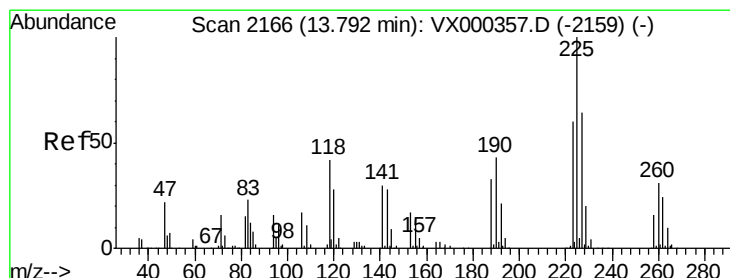
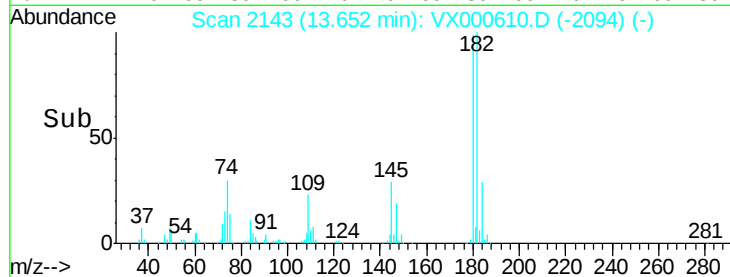
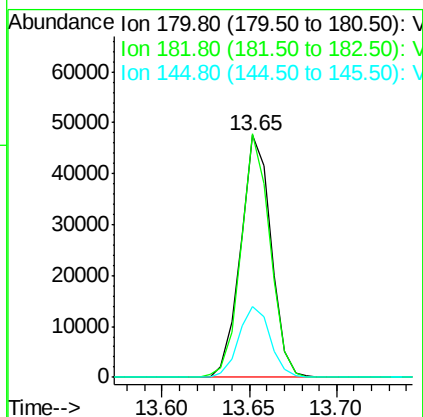
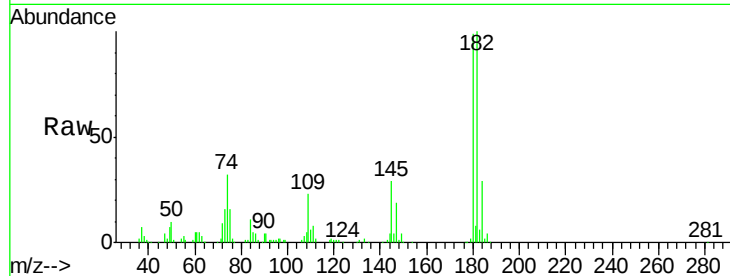




#93
 1,2,4-Trichlorobenzene
 Concen: 18.530 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

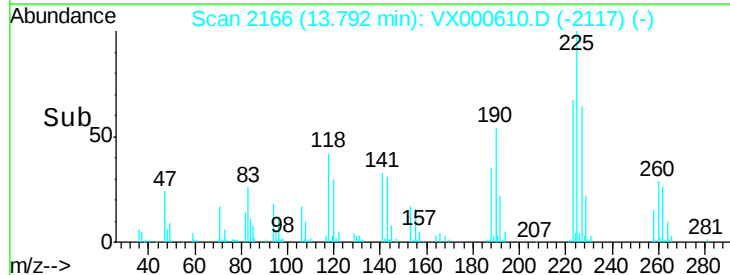
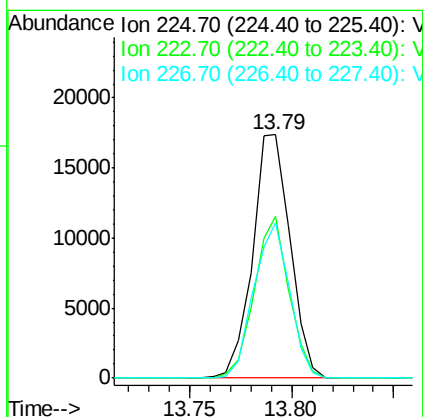
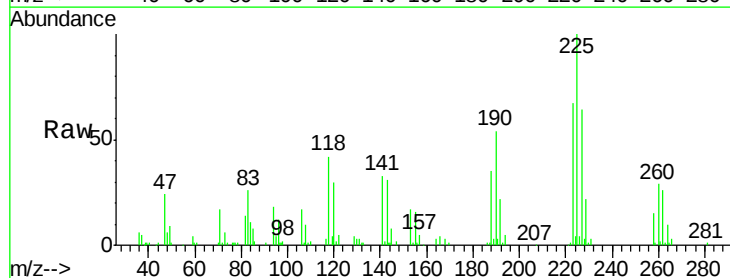
Instrument :
 MSVOA_X
 ClientSampleId :

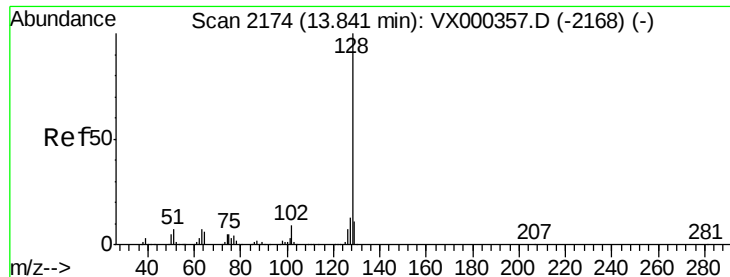
Tot Ion:180 Resp: 57251
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.6 142.9
 145 30.5 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 17.413 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000610.D
 Acq: 31 Mar 2018 23:23

Tgt Ion:225 Resp: 22276
 Ion Ratio Lower Upper
 225 100
 223 61.6 32.0 96.0
 227 60.5 32.6 98.0





#95

Naphthalene

Concen: 18.873 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

Instrument :

MSVOA_X

ClientSampleId :

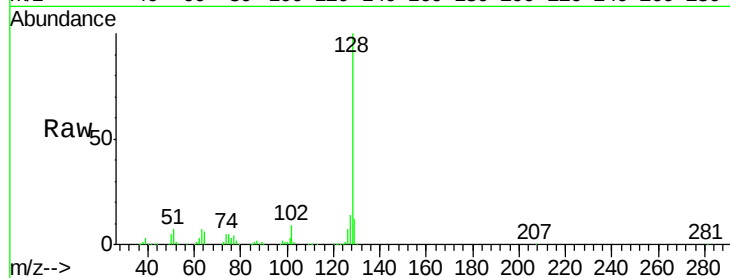
Tot Ion:128 Resp: 203133

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

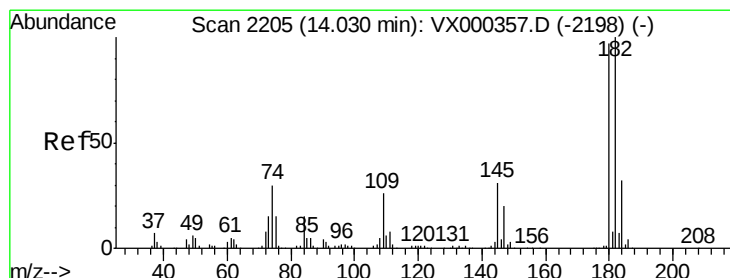
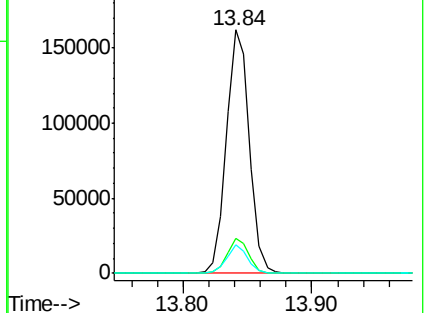
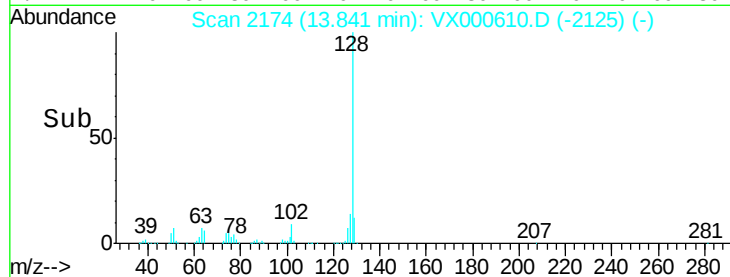
129 10.8 8.9 13.3



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: 19.065 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000610.D

Acq: 31 Mar 2018 23:23

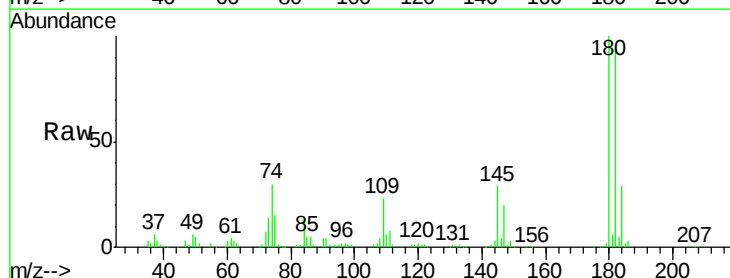
Tgt Ion:180 Resp: 58207

Ion Ratio Lower Upper

180 100

182 93.5 47.4 142.3

145 30.9 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

