

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
 Data File : VX000434.D
 Acq On : 26 Mar 2018 11:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 05:49:35 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	149728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	239196	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	237413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	157265	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	98120	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
35) Dibromofluoromethane	5.51	113	77374	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	8.73	98	303686	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.15	95	121594	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81719	49.522	ug/l	98
3) Chloromethane	1.32	50	64656	37.192	ug/l	97
4) Vinyl Chloride	1.41	62	86728	47.215	ug/l	97
5) Bromomethane	1.64	94	80688	36.703	ug/l	95
6) Chloroethane	1.73	64	55482	50.947	ug/l	100
7) Trichlorofluoromethane	1.93	101	149450	45.077	ug/l	97
8) Diethyl Ether	2.19	74	53068	44.790	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85542	46.271	ug/l	99
10) Methyl Iodide	2.52	142	40943	24.716	ug/l	98
11) Tert butyl alcohol	3.07	59	151932	225.990	ug/l	99
12) 1,1-Dichloroethene	2.38	96	72799	44.857	ug/l	92
13) Acrolein	2.29	56	41444	196.391	ug/l	99
14) Allyl chloride	2.73	41	132774	46.314	ug/l	97
15) Acrylonitrile	3.15	53	305390	224.280	ug/l	100
16) Acetone	2.45	43	412923	253.968	ug/l	96
17) Carbon Disulfide	2.57	76	190617	44.156	ug/l	99
18) Methyl Acetate	2.78	43	159817	46.886	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	271716	45.269	ug/l	100
20) Methylene Chloride	2.86	84	80181	42.697	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	78048	43.112	ug/l	95
22) Diisopropyl ether	3.87	45	269928	53.206	ug/l	98
23) Vinyl Acetate	3.83	43	1292234	268.684	ug/l	99
24) 1,1-Dichloroethane	3.70	63	146737	46.003	ug/l	99
25) 2-Butanone	4.71	43	441617	241.649	ug/l	100
26) 2,2-Dichloropropane	4.59	77	107659	48.156	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	77004	45.511	ug/l	100
28) Bromochloromethane	5.03	49	65937	50.130	ug/l	97
29) Tetrahydrofuran	5.17	42	274339	243.986	ug/l	99
30) Chloroform	5.22	83	151608	50.716	ug/l	97
31) Cyclohexane	5.58	56	119315	48.387	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	138207	51.249	ug/l	98
36) 1,1-Dichloropropene	5.81	75	108110	48.251	ug/l	97
37) Ethyl Acetate	4.87	43	146816	47.971	ug/l	100
38) Carbon Tetrachloride	5.79	117	117106	49.820	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	140901	51.709	ug/l	96
40) Benzene	6.15	78	323624	49.737	ug/l	100
41) Methacrylonitrile	5.07	41	76408	47.354	ug/l	97
42) 1,2-Dichloroethane	6.21	62	128467	50.321	ug/l	99
43) Isopropyl Acetate	6.47	43	236887	51.997	ug/l	99
44) Trichloroethene	7.22	130	93579	50.201	ug/l	99
45) 1,2-Dichloropropane	7.52	63	85051	51.067	ug/l	98
46) Dibromomethane	7.67	93	64791	49.561	ug/l	97
47) Bromodichloromethane	7.91	83	125718	54.658	ug/l	99
48) Methyl methacrylate	7.79	41	114060	51.570	ug/l	100
49) 1,4-Dioxane	7.76	88	46874	1008.237	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	897987	254.652	ug/l	99
52) Toluene	8.79	92	224386	49.329	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	143080	53.682	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	138799	53.687	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	95960	51.299	ug/l	98
56) Ethyl methacrylate	9.19	69	145026	51.164	ug/l	100
57) 1,3-Dichloropropane	9.38	76	150041	50.148	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	343586	252.557	ug/l	98
59) 2-Hexanone	9.51	43	784310	261.938	ug/l	99
60) Dibromochloromethane	9.59	129	103214	46.903	ug/l	99
61) 1,2-Dibromoethane	9.68	107	102346	51.020	ug/l	99
64) Tetrachloroethene	9.34	164	87042	47.246	ug/l	96
65) Chlorobenzene	10.15	112	264364	50.036	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	93556	52.138	ug/l	98
67) Ethyl Benzene	10.26	91	461918	51.573	ug/l	98
68) m/p-Xylenes	10.37	106	377258	107.042	ug/l	98
69) o-Xylene	10.71	106	179727	52.668	ug/l	98
70) Styrene	10.72	104	304897	53.999	ug/l	99
71) Bromoform	10.87	173	86542	46.639	ug/l #	95
73) Isopropylbenzene	11.02	105	511421	49.082	ug/l	98
74) N-amyl acetate	6.47	43	236887	52.309	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	179685	48.755	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	208601	61.720	ug/l	83
77) Bromobenzene	11.26	156	124059	44.693	ug/l	99
78) n-propylbenzene	11.37	91	604951	48.690	ug/l	99
79) 2-Chlorotoluene	11.43	91	340612	47.455	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	450229	51.388	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	54174	51.894	ug/l	99
82) 4-Chlorotoluene	11.52	91	426212	49.733	ug/l	99
83) tert-Butylbenzene	11.78	119	439811	49.774	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	466295	50.763	ug/l	99
85) sec-Butylbenzene	11.95	105	563019	51.495	ug/l	99
86) p-Isopropyltoluene	12.07	119	511138	52.640	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	256744	48.918	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	268611	48.747	ug/l	98
89) n-Butylbenzene	12.40	91	466903	51.643	ug/l	99
90) Hexachloroethane	12.60	117	80680	52.788	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	255960	49.744	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50775	49.399	ug/l	97

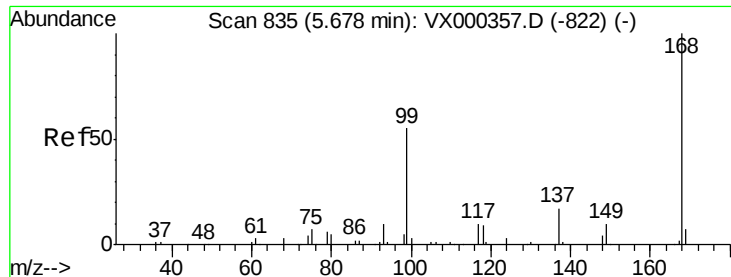
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	175075	47.460	ug/l	98
94) Hexachlorobutadiene	13.79	225	74566	48.819	ug/l	97
95) Naphthalene	13.84	128	631910	49.176	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	179755	49.315	ug/l	100

(#) = 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: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

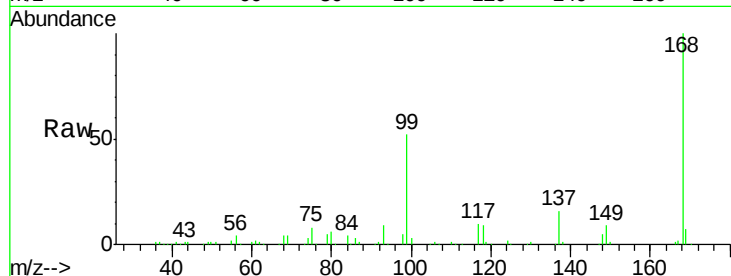
ClientSampleId :

Tot Ion:168 Resp: 149728

Ion Ratio Lower Upper

168 100

99 51.5 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

60000

50000

40000

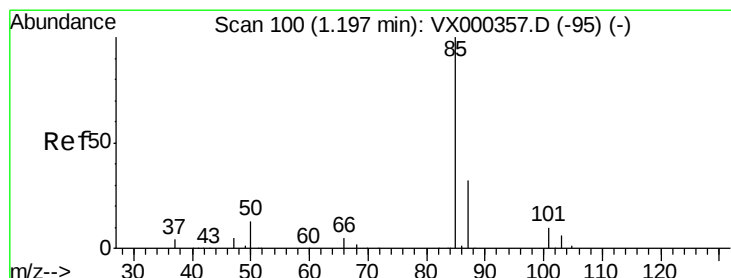
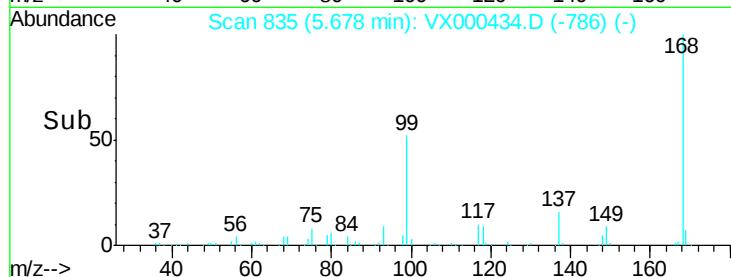
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.522 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000434.D

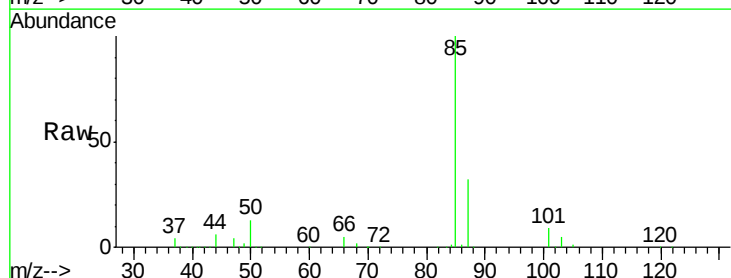
Acq: 26 Mar 2018 11:07

Tgt Ion: 85 Resp: 81719

Ion Ratio Lower Upper

85 100

87 32.3 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

80000

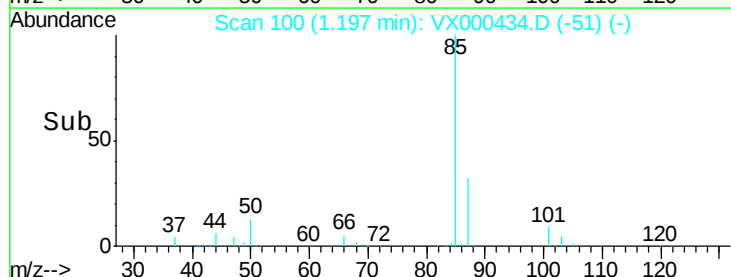
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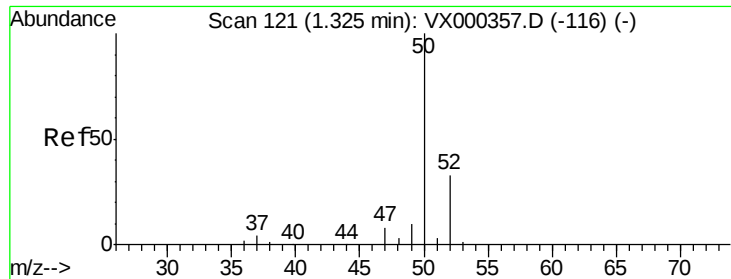
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Time-->

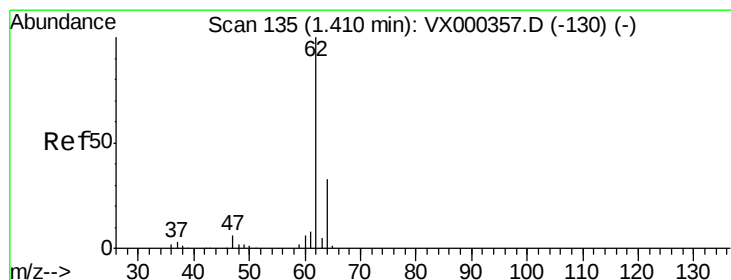
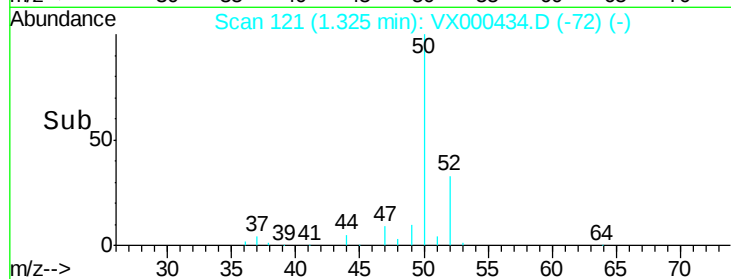
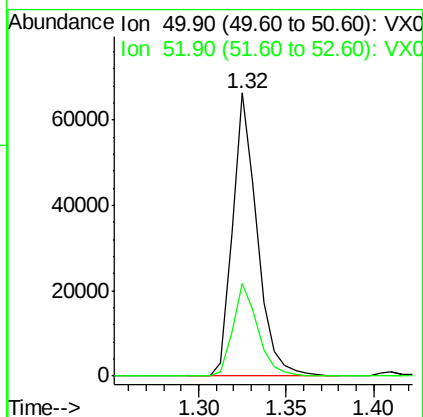
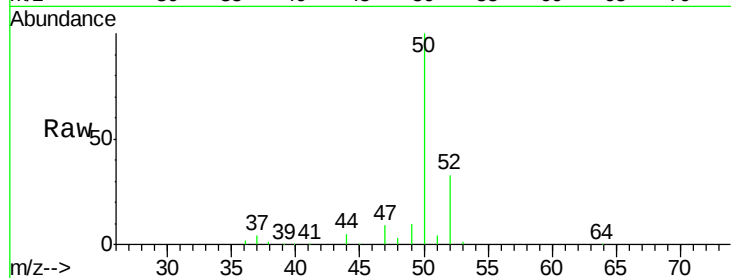




#3
Chloromethane
Concen: 37.192 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

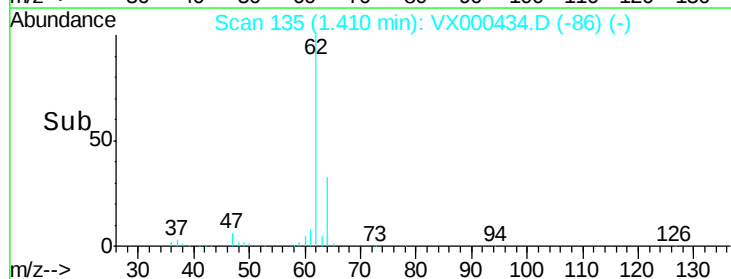
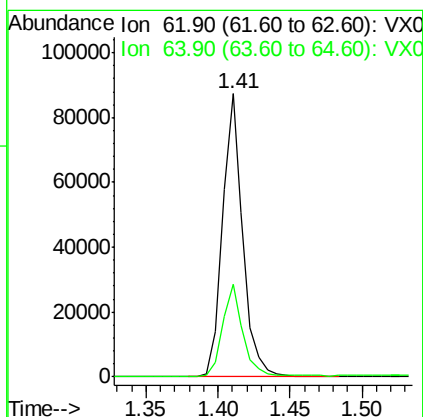
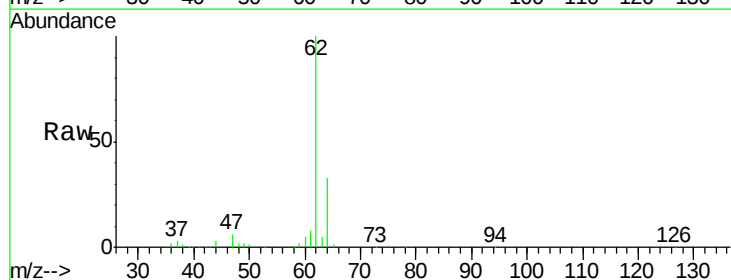
Instrument :
MSVOA_X
ClientSampleId :

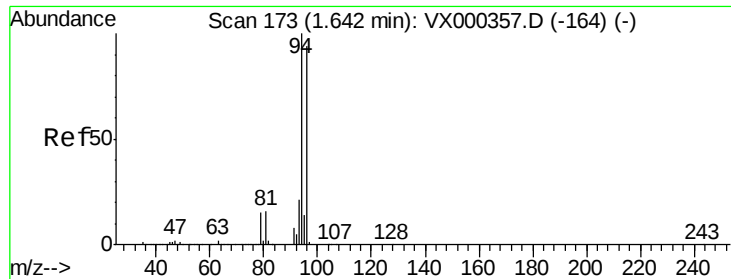
Tot Ion: 50 Resp: 64656
Ion Ratio Lower Upper
50 100
52 32.5 27.5 41.3



#4
Vinyl Chloride
Concen: 47.215 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion: 62 Resp: 86728
Ion Ratio Lower Upper
62 100
64 32.6 24.8 37.2





#5

Bromomethane

Concen: 36.703 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

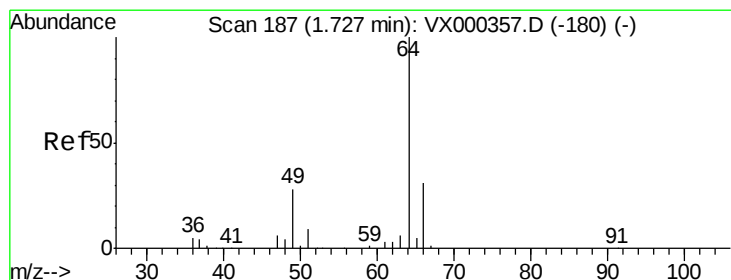
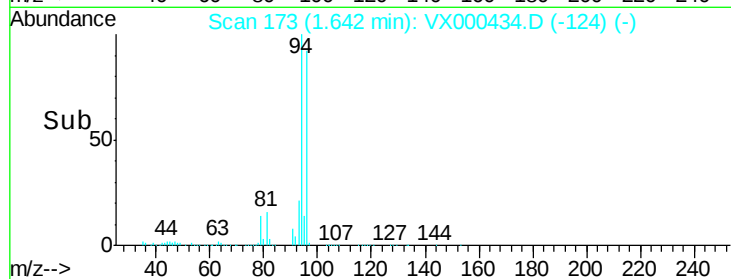
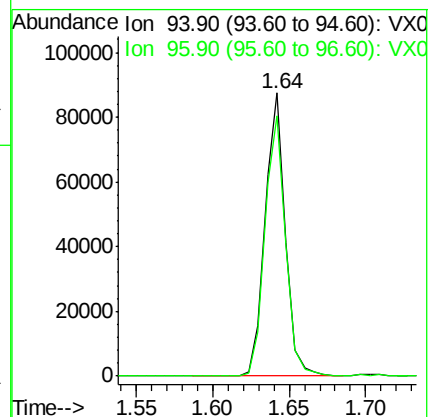
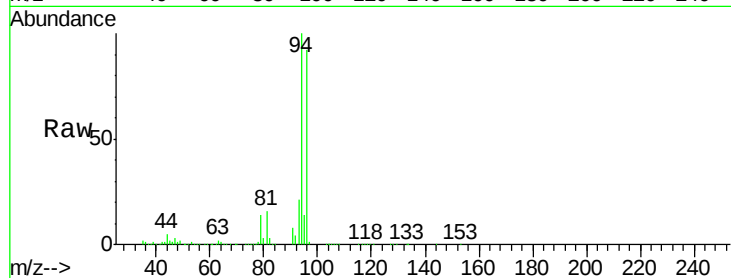
ClientSampleId :

Tot Ion: 94 Resp: 80688

Ion Ratio Lower Upper

94 100

96 92.0 77.7 116.5



#6

Chloroethane

Concen: 50.947 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000434.D

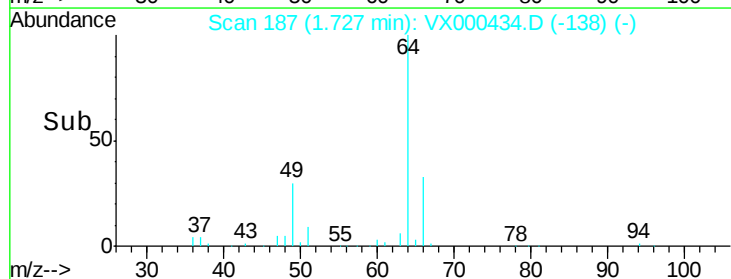
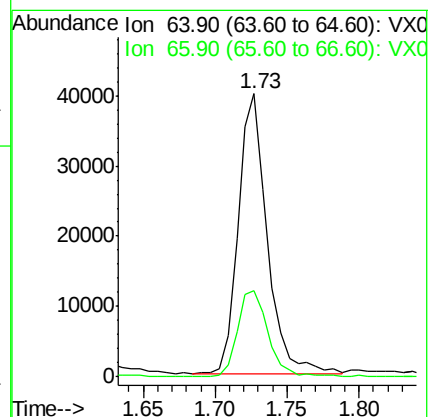
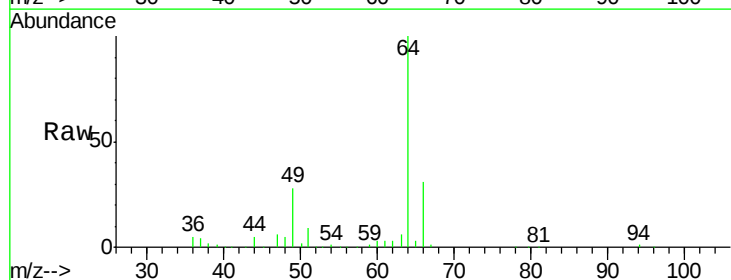
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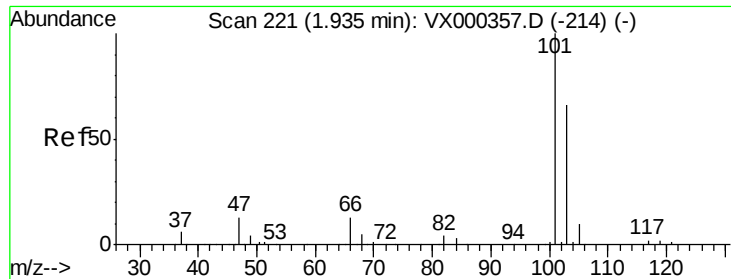
Tgt Ion: 64 Resp: 55482

Ion Ratio Lower Upper

64 100

66 30.8 24.8 37.2



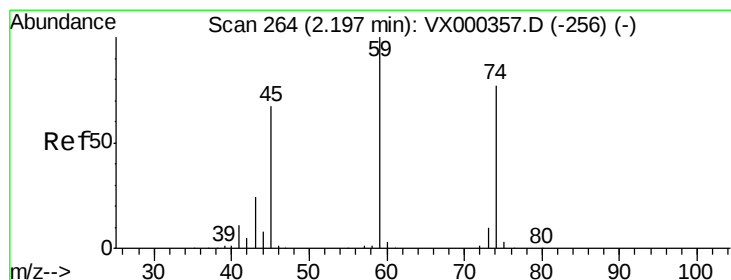
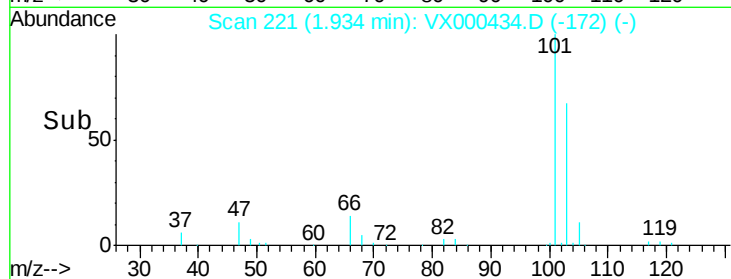
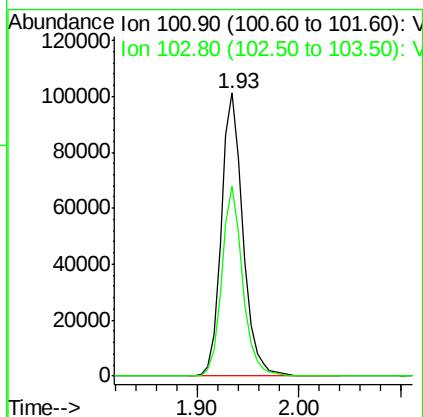
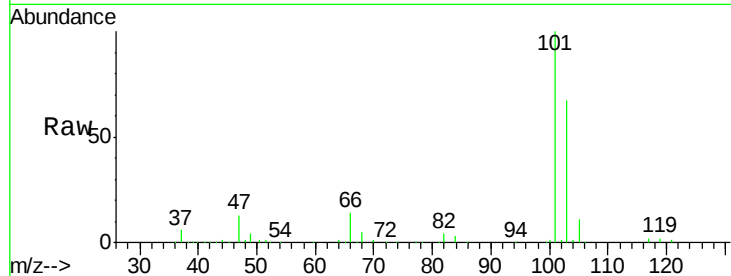


#7

Trichlorofluoromethane
 Concen: 45.077 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampled :

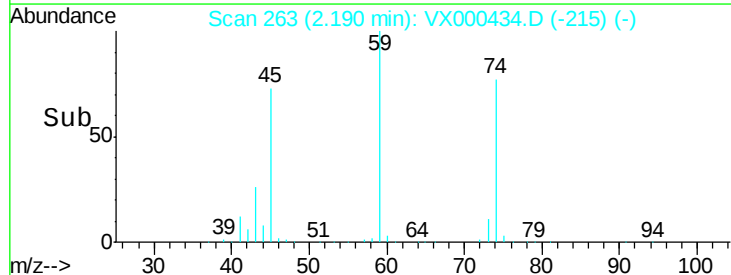
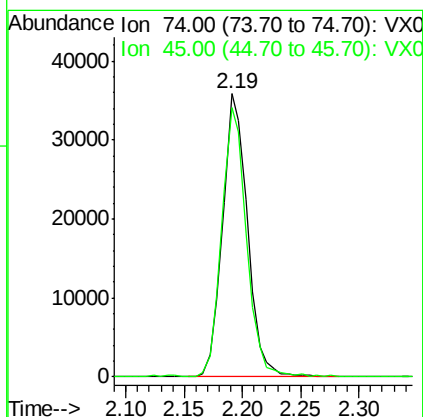
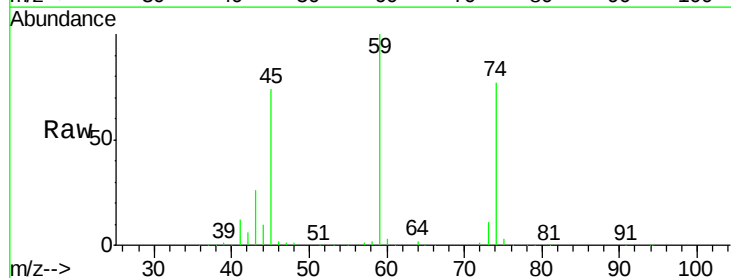
Tot Ion:101 Resp: 149450
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.6 77.4

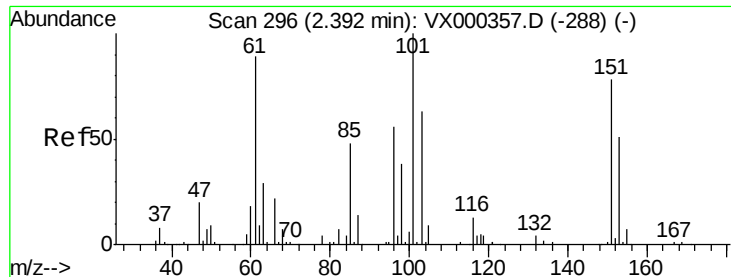


#8

Diethyl Ether
 Concen: 44.790 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion: 74 Resp: 53068
 Ion Ratio Lower Upper
 74 100
 45 93.7 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.271 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

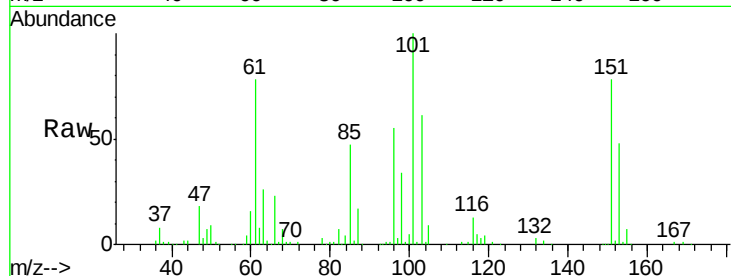
Tot Ion:101 Resp: 85542

Ion Ratio Lower Upper

101 100

85 48.7 37.6 56.4

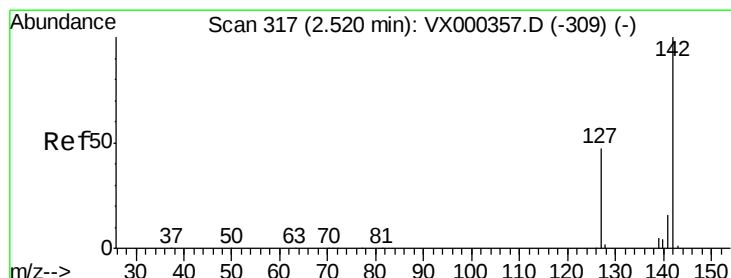
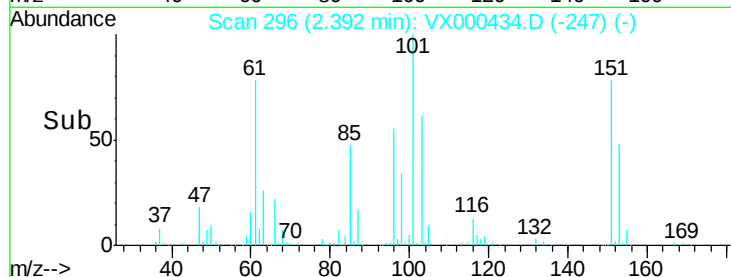
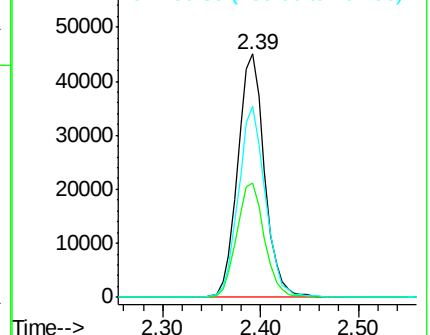
151 79.0 62.6 93.8



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: 24.716 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

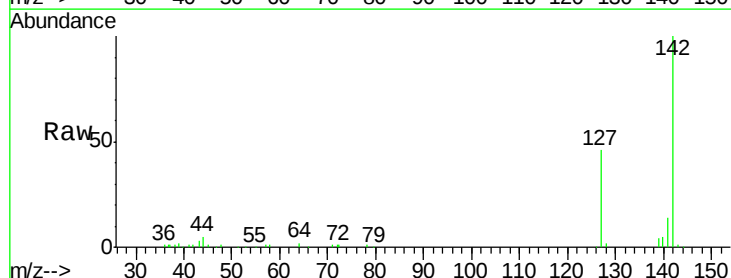
Tgt Ion:142 Resp: 40943

Ion Ratio Lower Upper

142 100

127 50.4 39.2 58.8

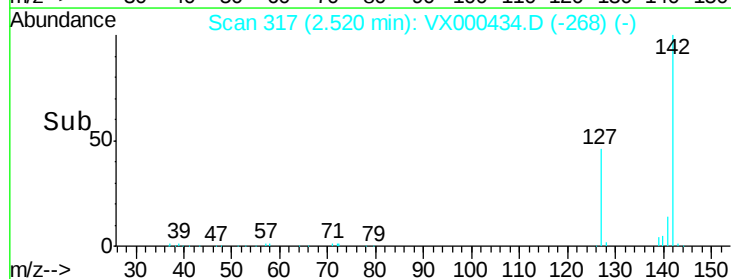
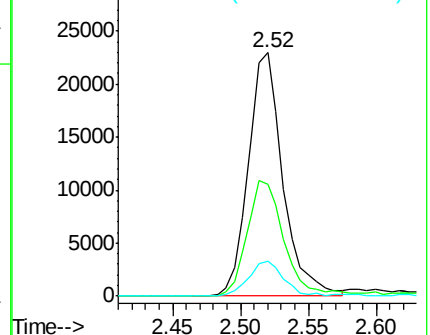
141 14.5 11.7 17.5

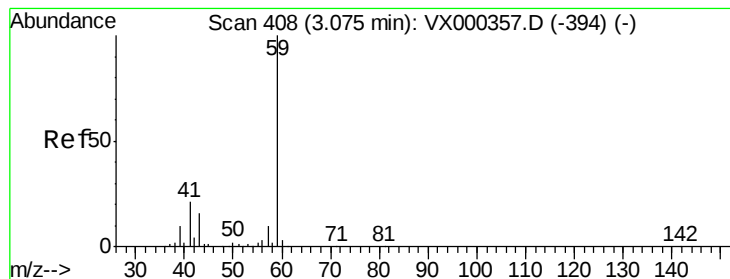


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



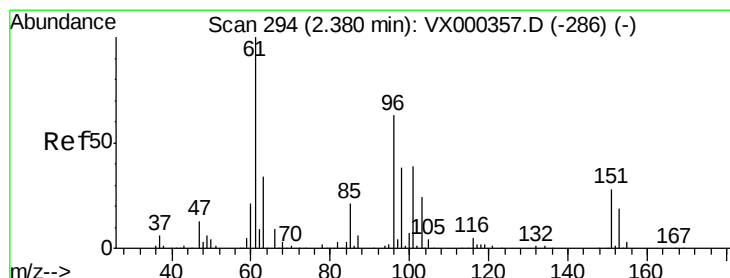
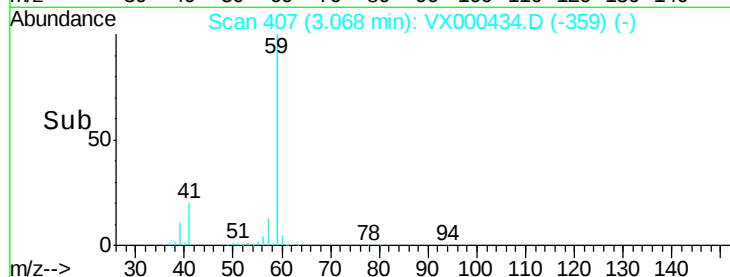
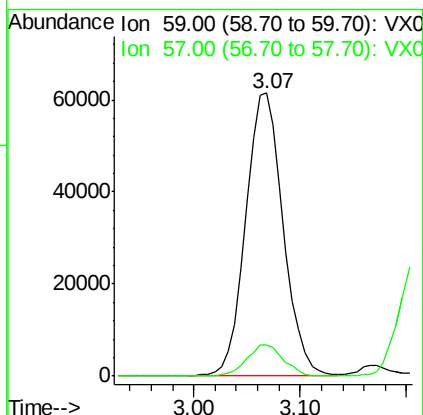
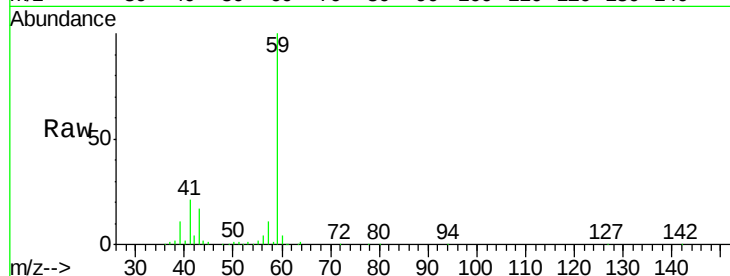


#11

Tert butyl alcohol
 Concen: 225.990 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :

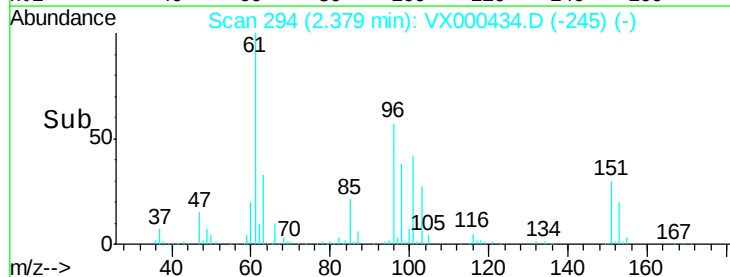
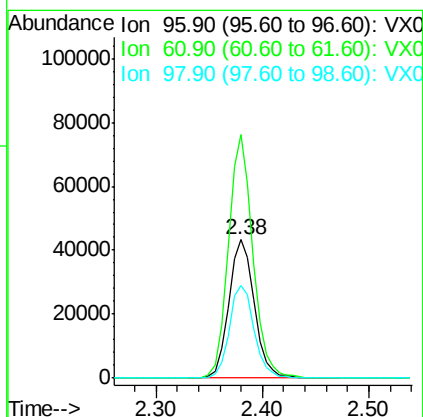
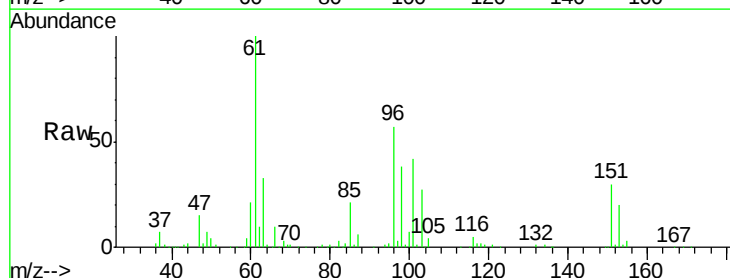
Tot Ion: 59 Resp: 151932
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.4 12.6

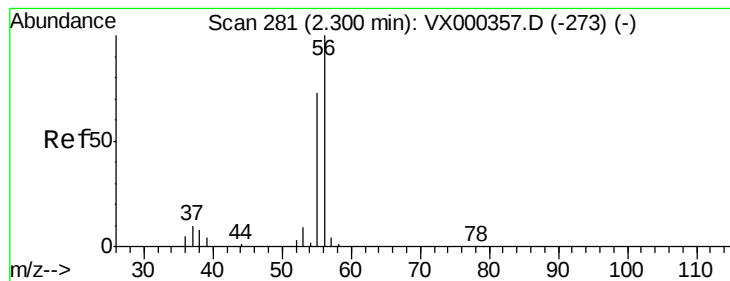


#12

1,1-Dichloroethene
 Concen: 44.857 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion: 96 Resp: 72799
 Ion Ratio Lower Upper
 96 100
 61 175.8 131.2 196.8
 98 66.6 49.8 74.8





#13

Acrolein

Concen: 196.391 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

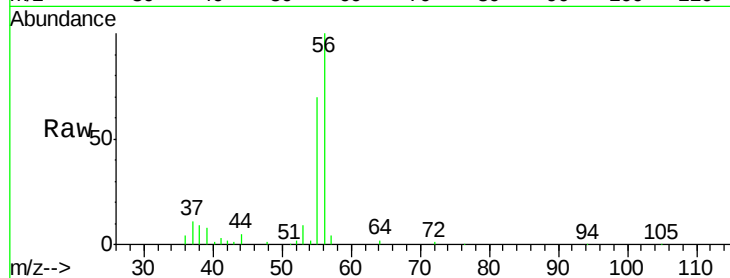
ClientSampleId :

Tot Ion: 56 Resp: 41444

Ion Ratio Lower Upper

56 100

55 72.7 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

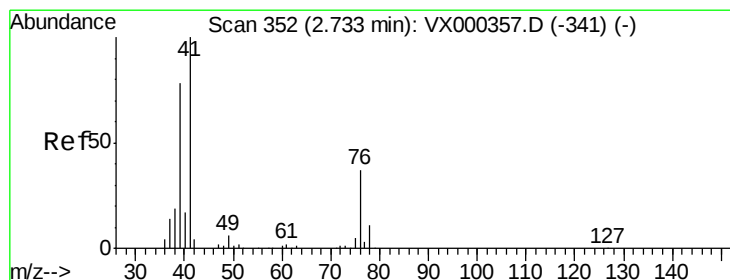
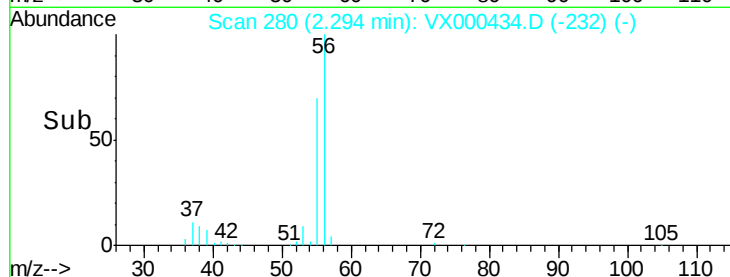
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 46.314 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

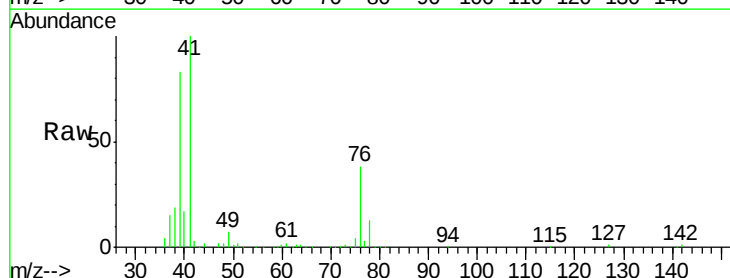
Tgt Ion: 41 Resp: 132774

Ion Ratio Lower Upper

41 100

39 75.2 57.6 86.4

76 34.0 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

150000

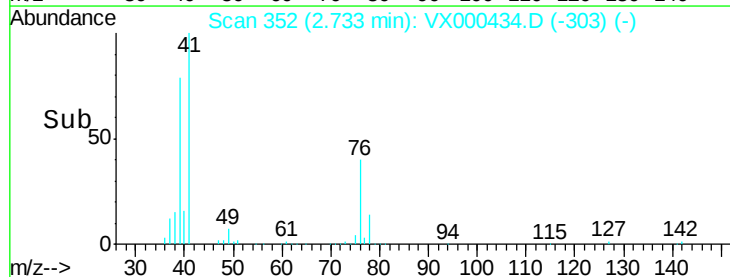
100000

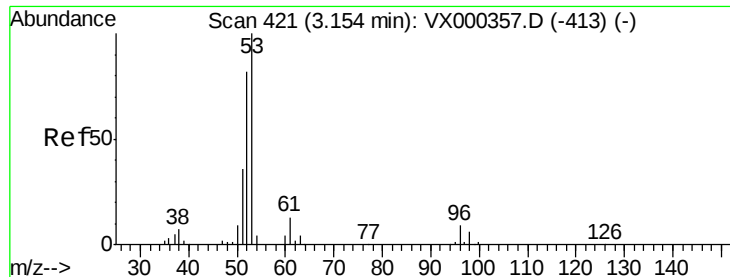
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 224.280 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

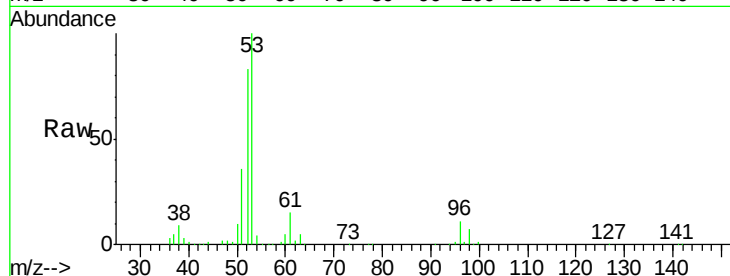
Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 305390

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.6	99.8
51	36.7	29.3	43.9

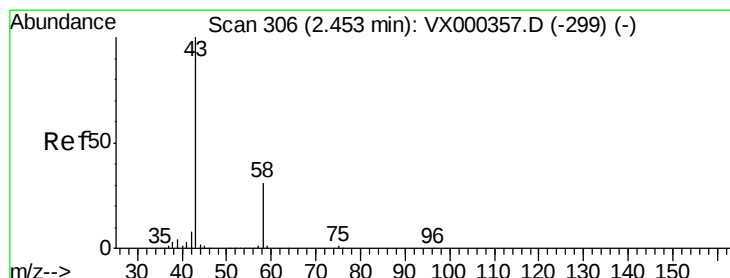
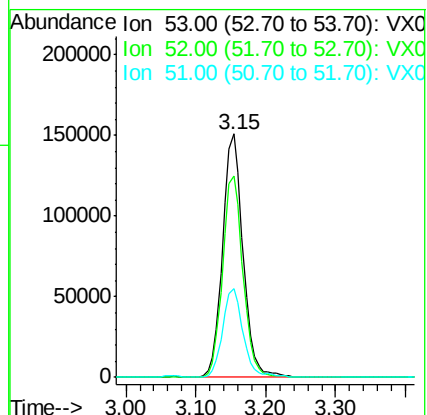
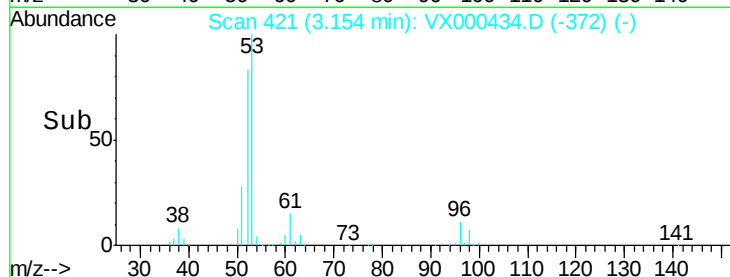


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 253.968 ug/l

RT: 2.45 min Scan# 305

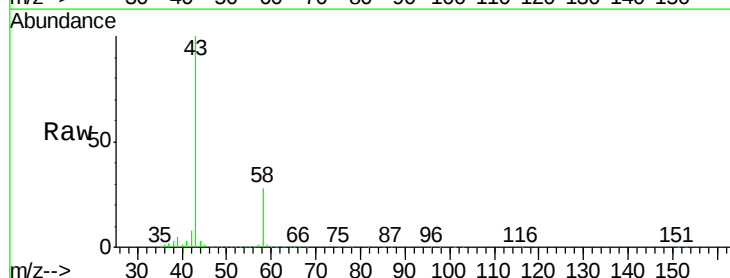
Delta R.T. -0.01 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Tgt Ion: 43 Resp: 412923

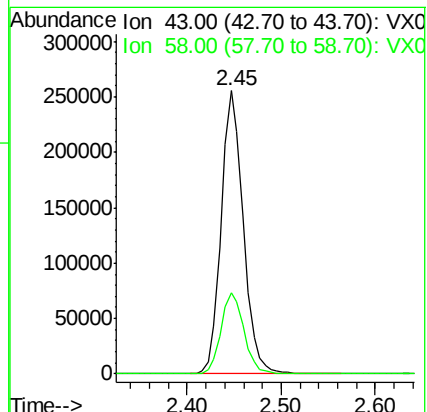
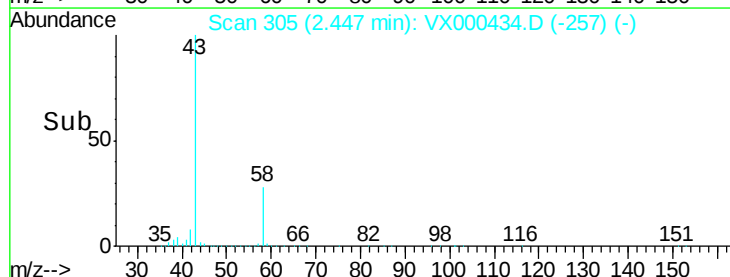
Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.7	37.1

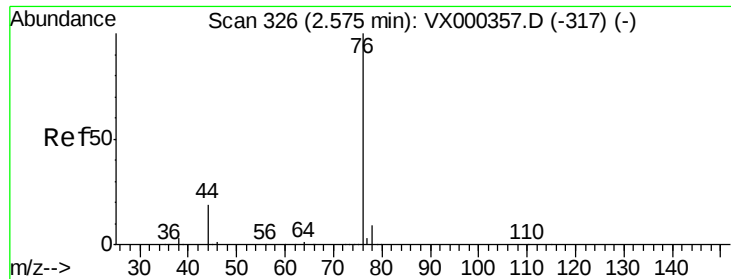


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

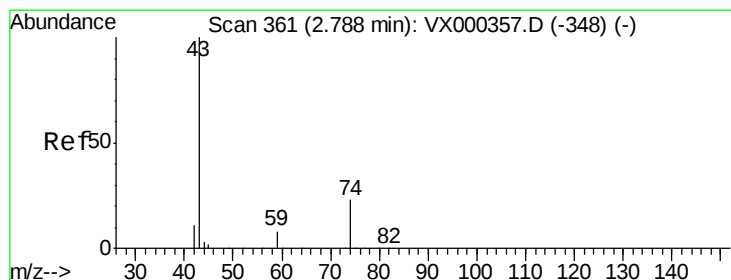
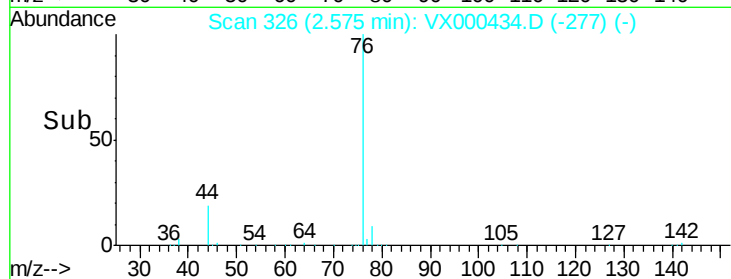
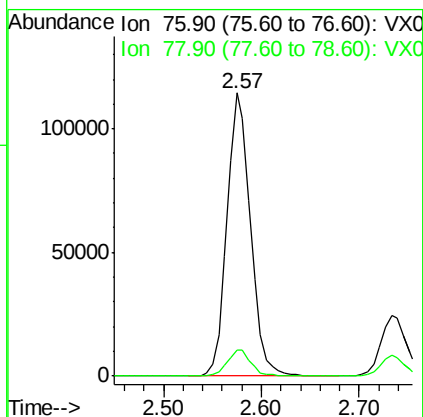
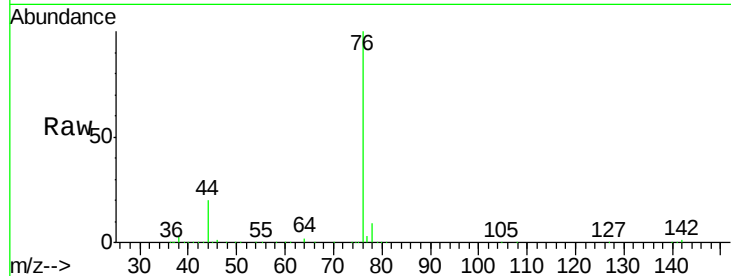




#17
Carbon Disulfide
Concen: 44.156 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

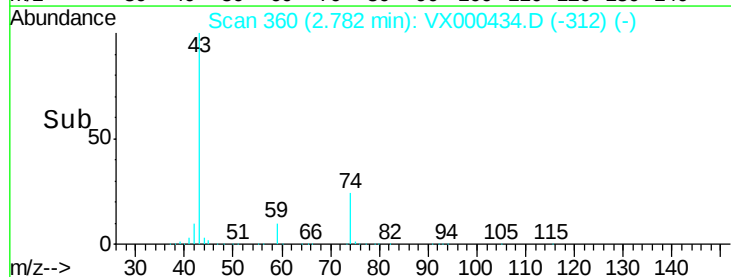
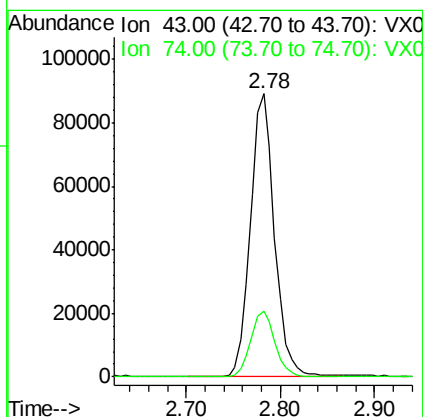
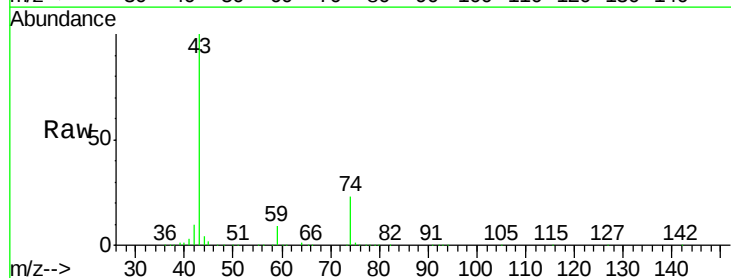
Instrument :
MSVOA_X
ClientSampled :

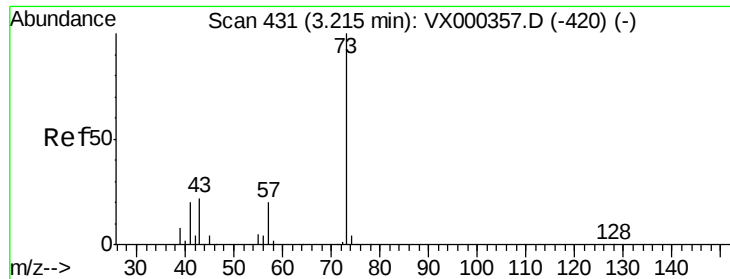
Tot Ion: 76 Resp: 190617
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 46.886 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion: 43 Resp: 159817
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.2



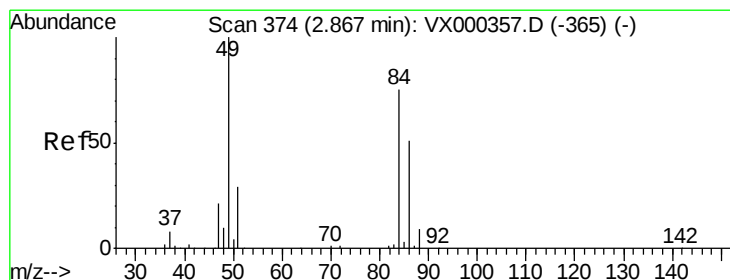
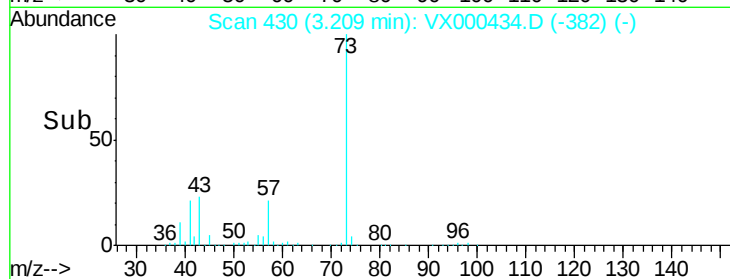
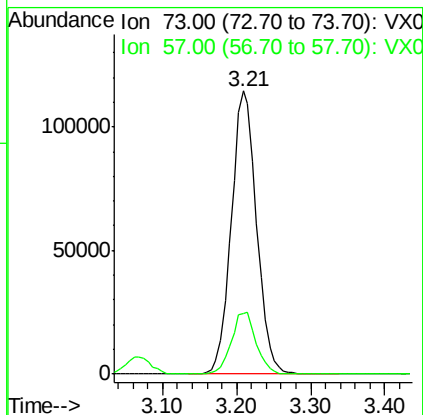
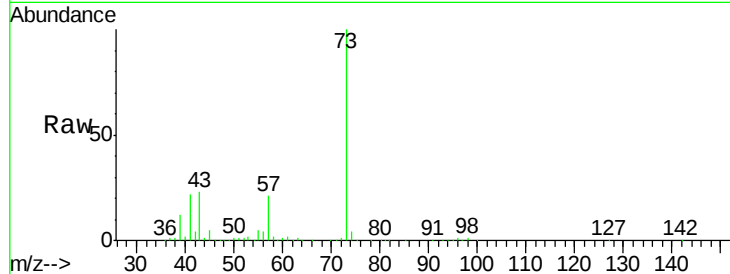


#19

Methyl tert-butyl Ether
 Concen: 45.269 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampled :

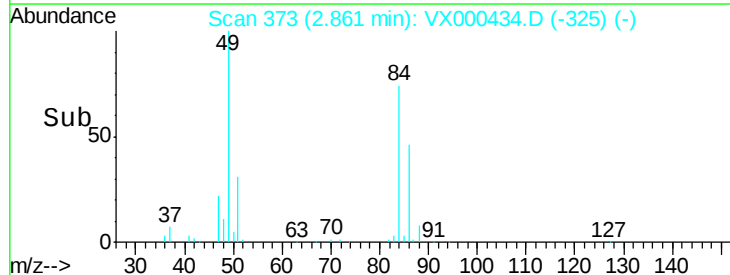
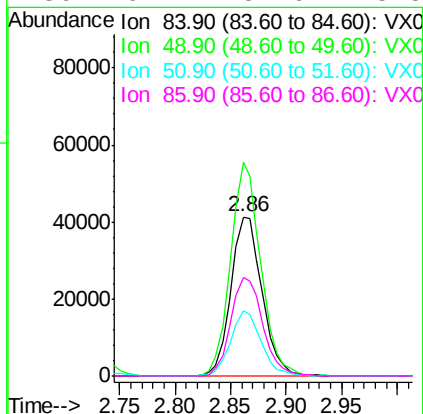
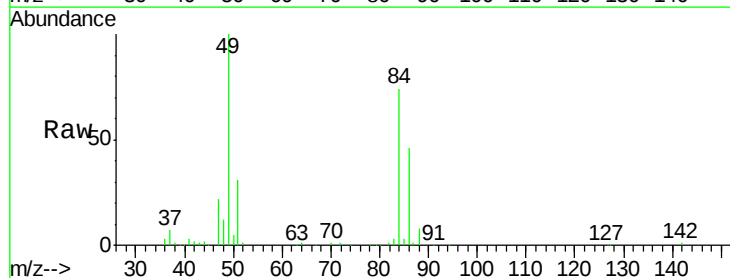
Tot Ion: 73 Resp: 271716
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.2 25.8

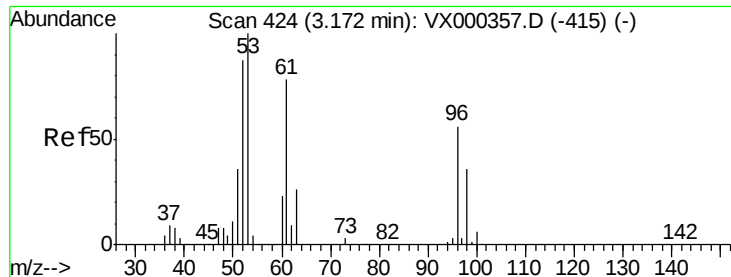


#20

Methylene Chloride
 Concen: 42.697 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion: 84 Resp: 80181
 Ion Ratio Lower Upper
 84 100
 49 134.4 100.6 151.0
 51 41.3 31.6 47.4
 86 62.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 43.112 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :

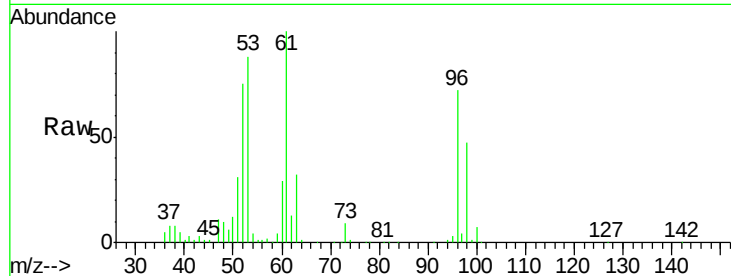
Tot Ion: 96 Resp: 78048

Ion Ratio Lower Upper

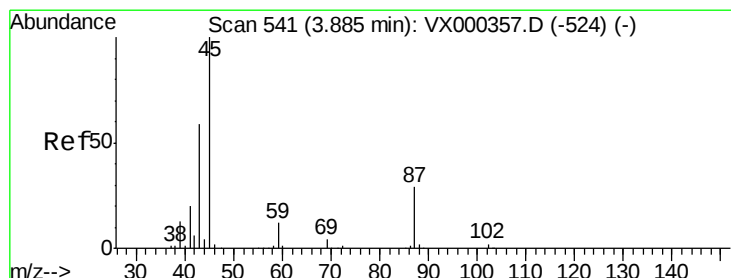
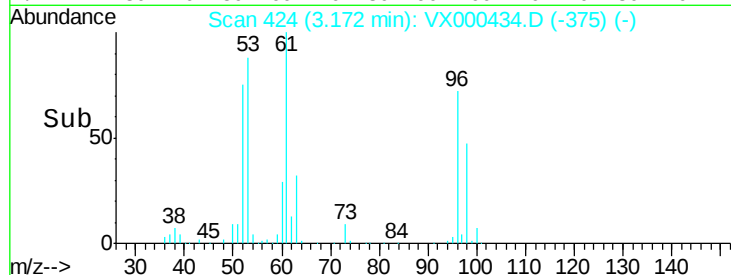
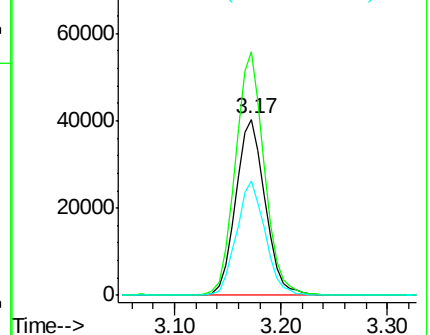
96 100

61 138.4 104.0 156.0

98 64.9 52.1 78.1



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



#22

Diisopropyl ether

Concen: 53.206 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Tgt Ion: 45 Resp: 269928

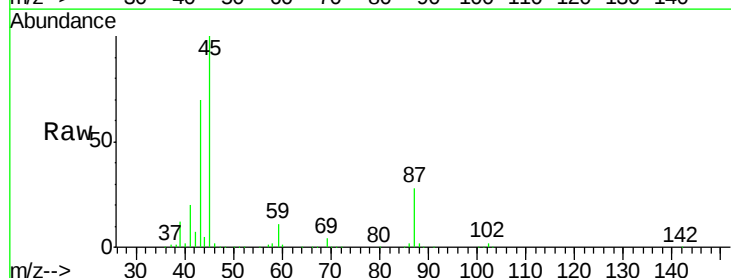
Ion Ratio Lower Upper

45 100

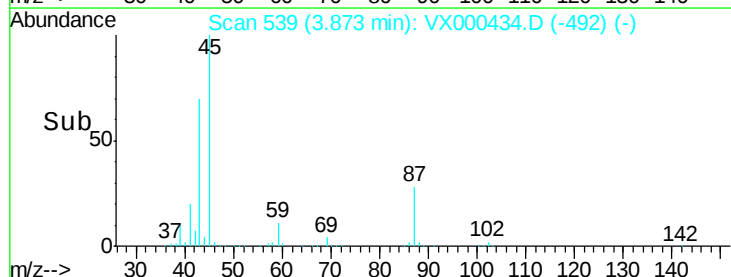
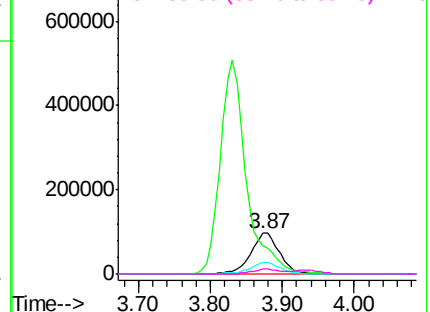
43 69.4 53.9 80.9

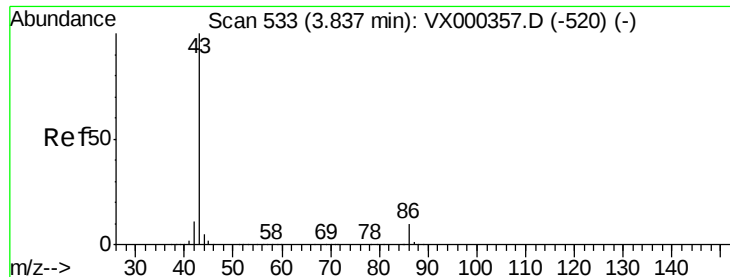
87 27.6 22.6 34.0

59 11.4 9.5 14.3



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

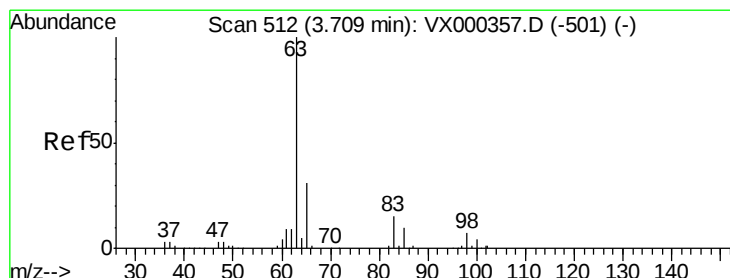
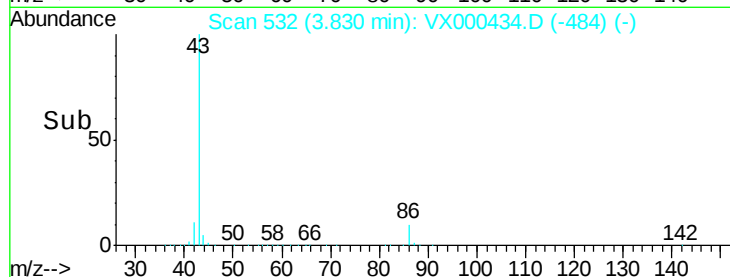
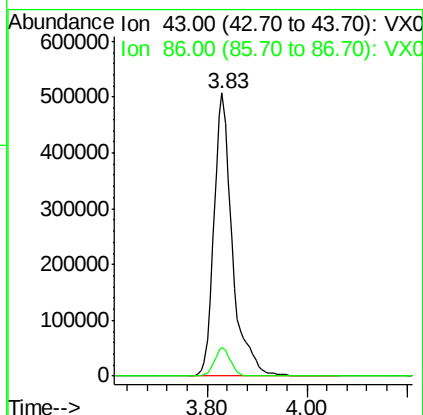
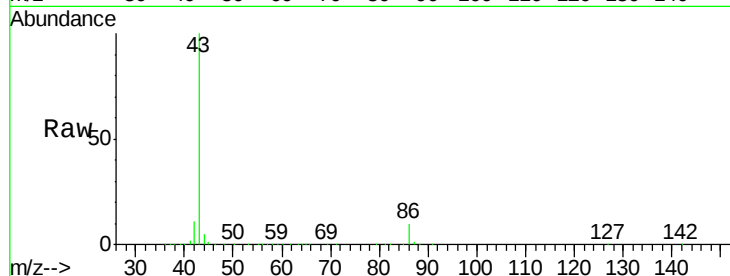




#23
 Vinyl Acetate
 Concen: 268.684 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

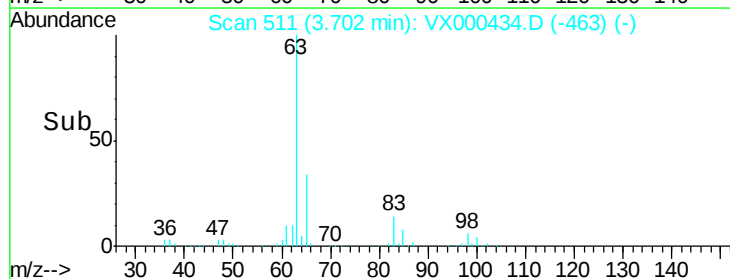
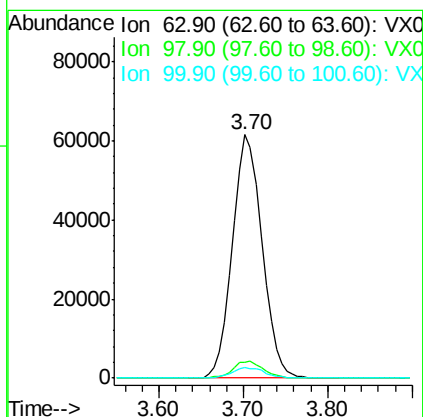
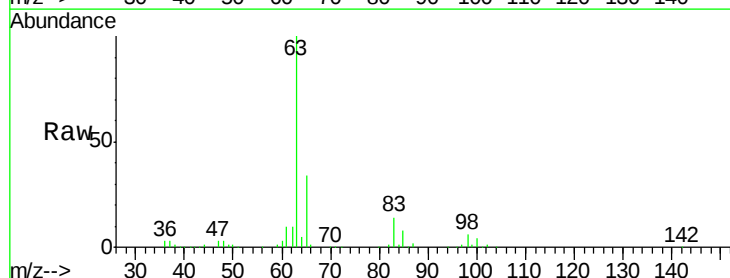
Instrument :
 MSVOA_X
 ClientSampleId :

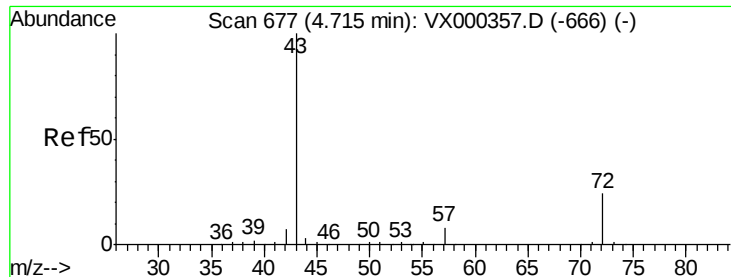
Tot Ion: 43 Resp: 1292234
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 46.003 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion: 63 Resp: 146737
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.4 2.0 5.8





#25

2-Butanone

Concen: 241.649 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

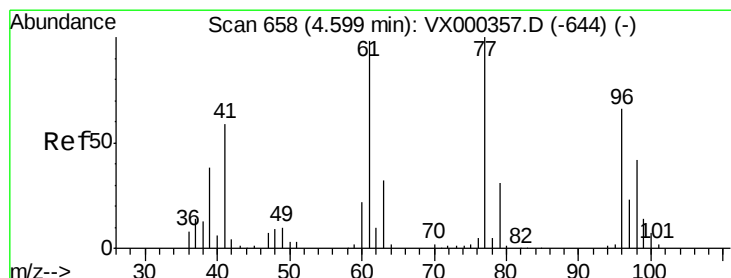
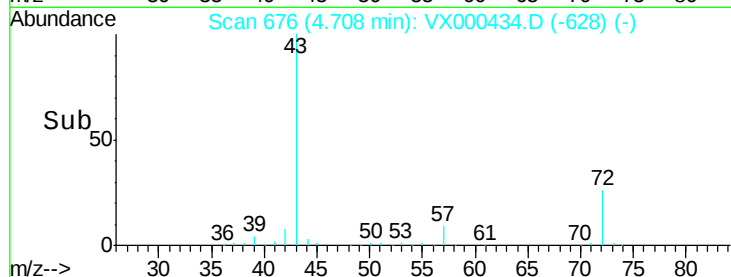
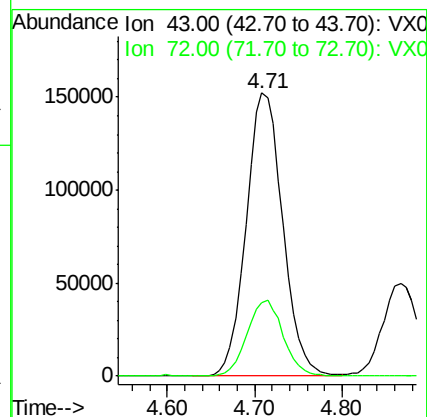
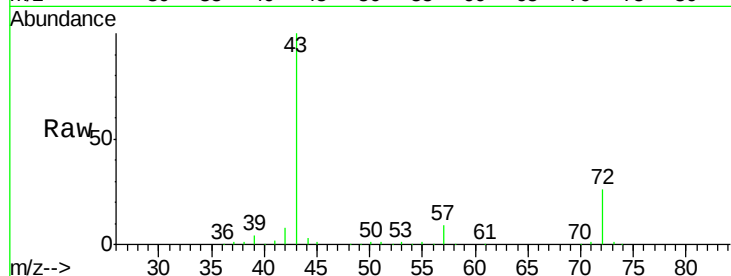
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 441617

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.6



#26

2,2-Dichloropropane

Concen: 48.156 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000434.D

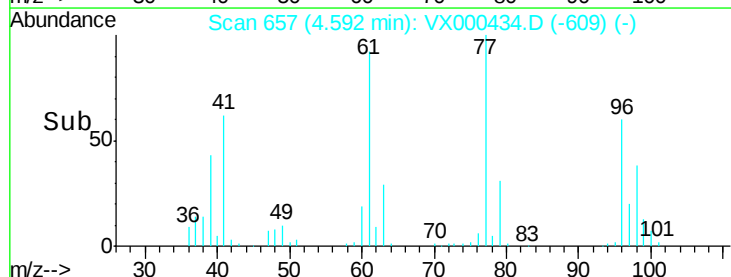
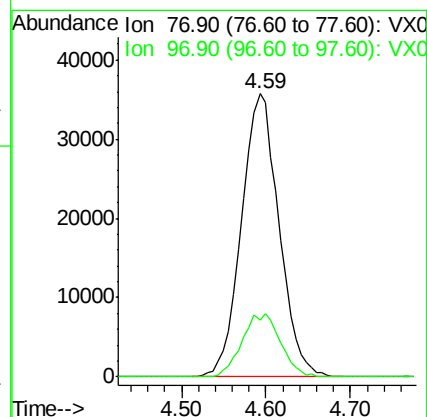
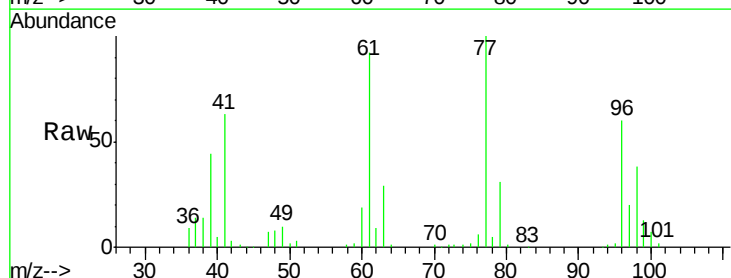
Acq: 26 Mar 2018 11:07

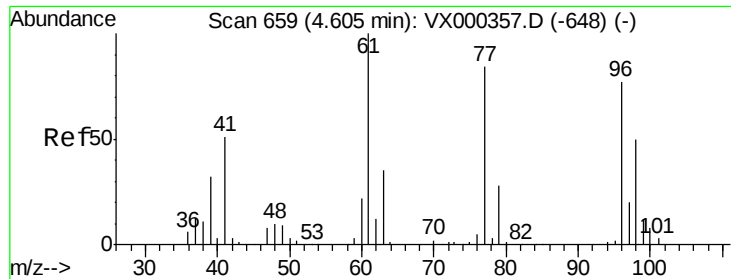
Tgt Ion: 77 Resp: 107659

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8



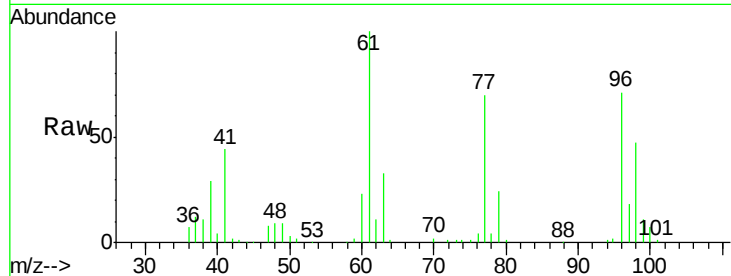


#27

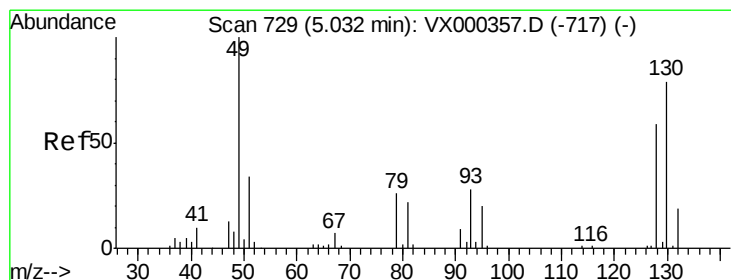
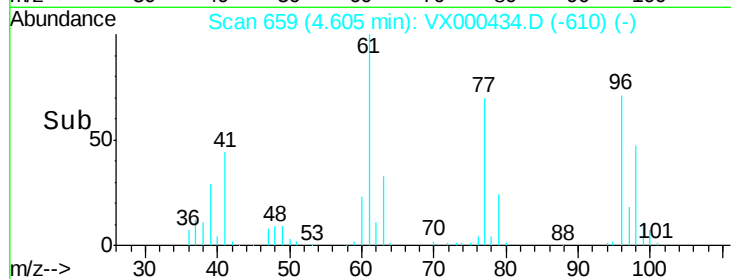
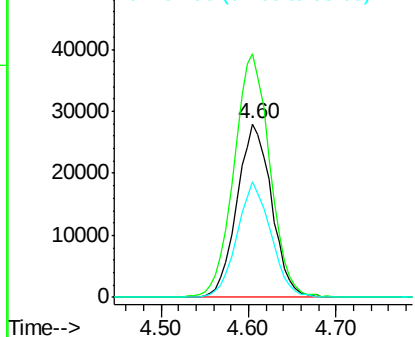
cis-1,2-Dichloroethene
Concen: 45.511 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 77004
Ion Ratio Lower Upper
96 100
61 145.6 0.0 291.6
98 65.1 0.0 132.0



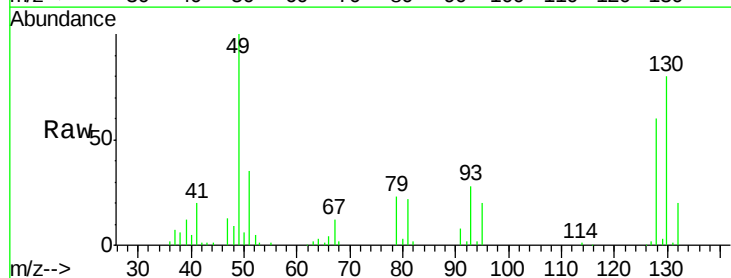
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



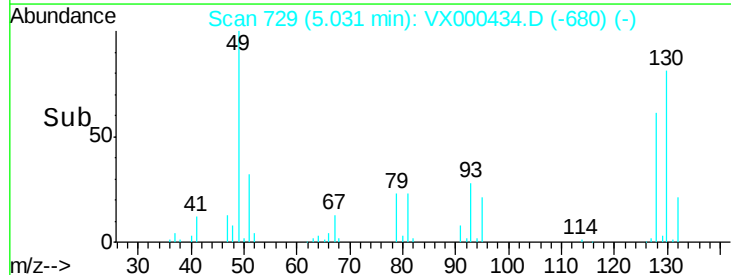
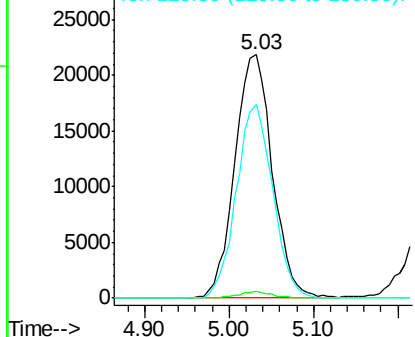
#28

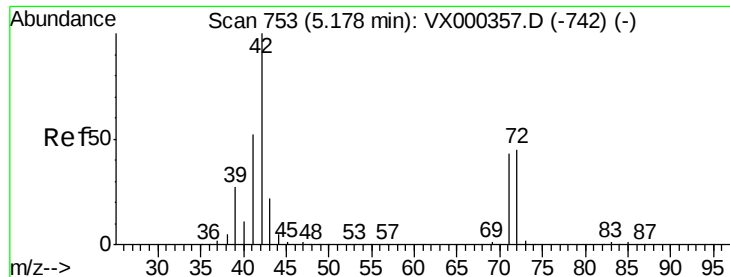
Bromochloromethane
Concen: 50.130 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion: 49 Resp: 65937
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 77.0 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

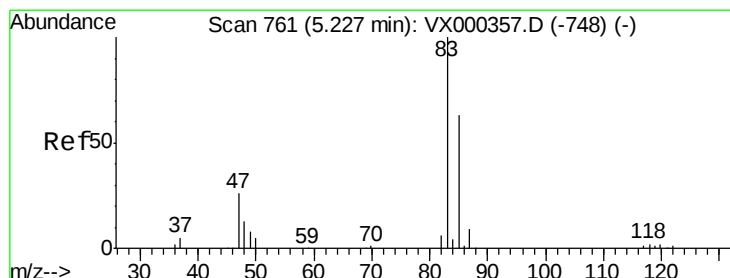
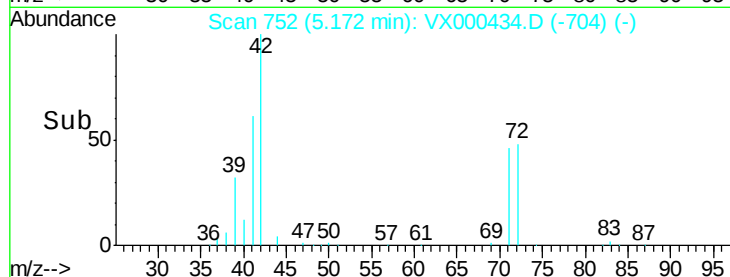
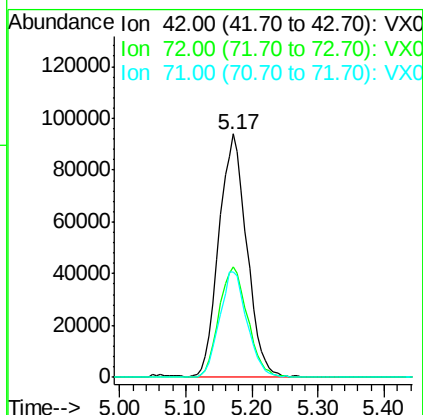
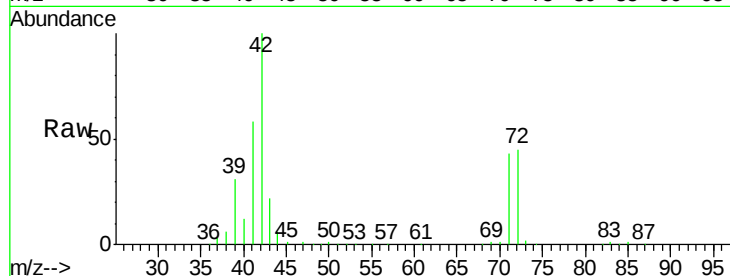




#29
Tetrahydrofuran
Concen: 243.986 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

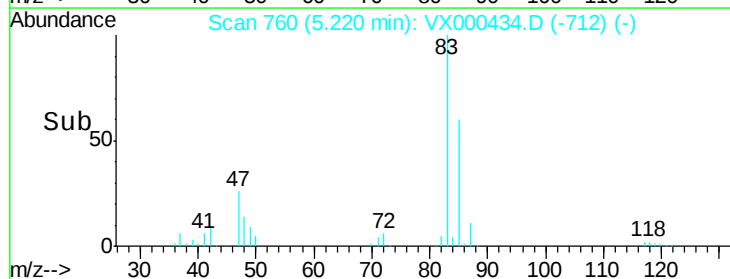
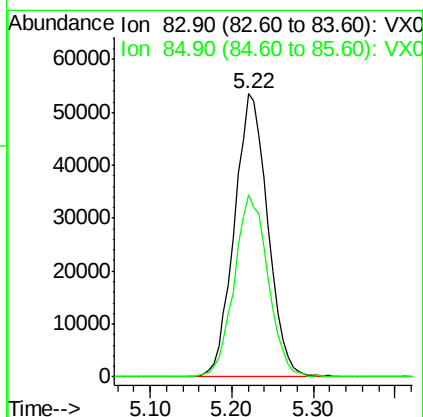
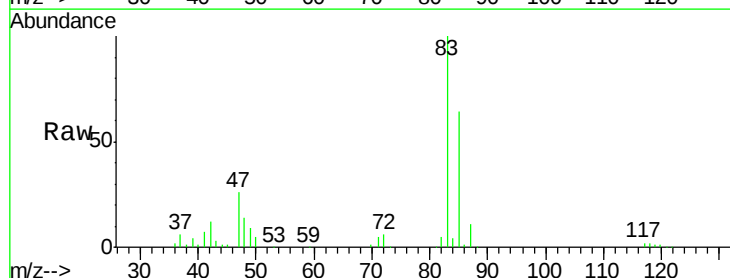
Instrument :
MSVOA_X
ClientSampleId :

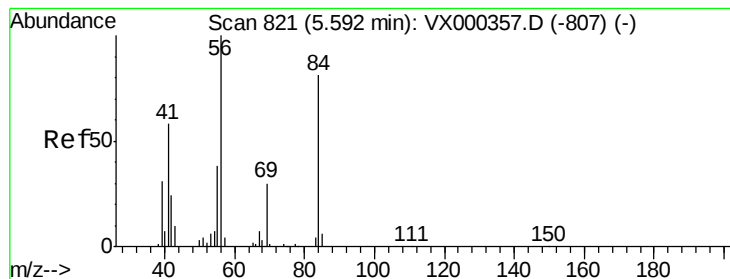
Tot Ion: 42 Resp: 274339
Ion Ratio Lower Upper
42 100
72 46.7 37.9 56.9
71 42.8 34.4 51.6



#30
Chloroform
Concen: 50.716 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion: 83 Resp: 151608
Ion Ratio Lower Upper
83 100
85 64.2 53.3 79.9





#31

Cyclohexane

Concen: 48.387 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

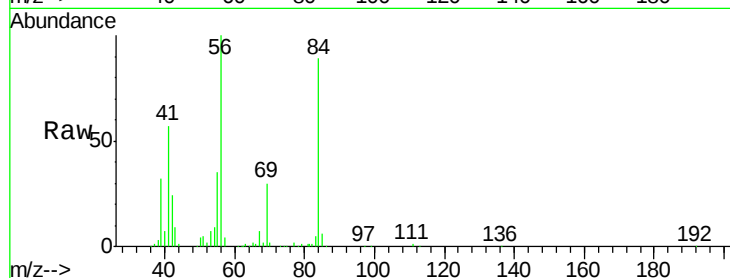
Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 119315

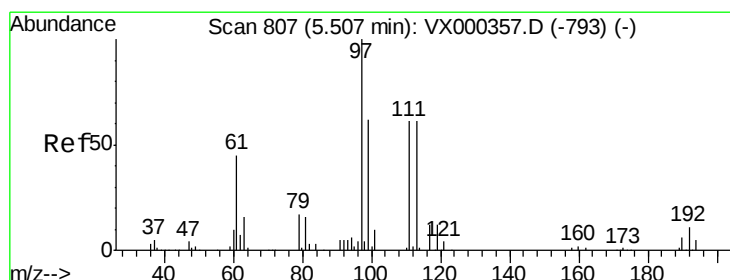
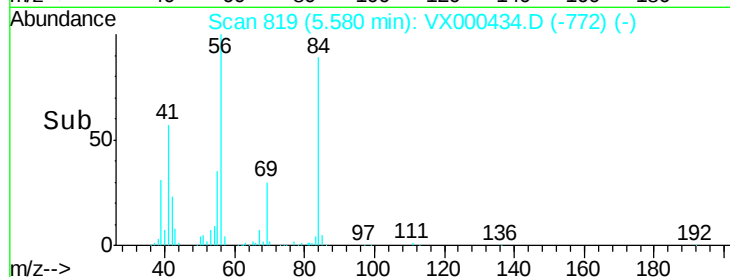
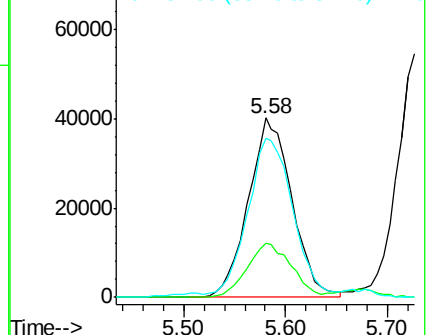
Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.4	35.0
84	86.7	71.0	106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.249 ug/l

RT: 5.51 min Scan# 807

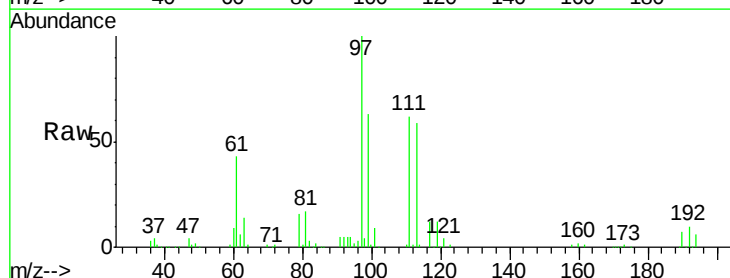
Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Tgt Ion: 97 Resp: 138207

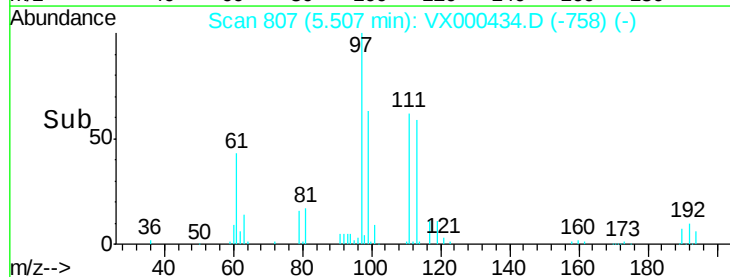
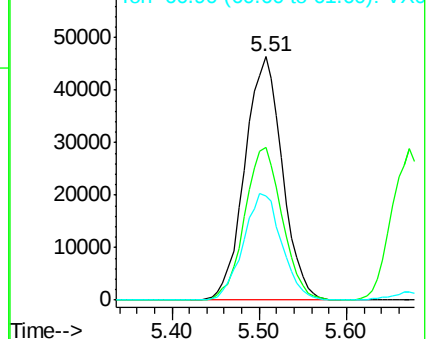
Ion	Ratio	Lower	Upper
97	100		
99	63.0	52.1	78.1
61	44.9	36.2	54.4

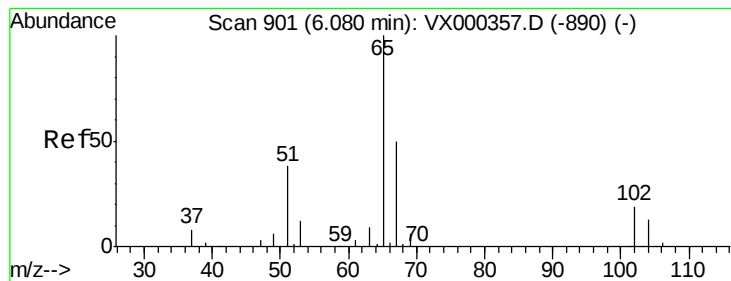


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.203 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

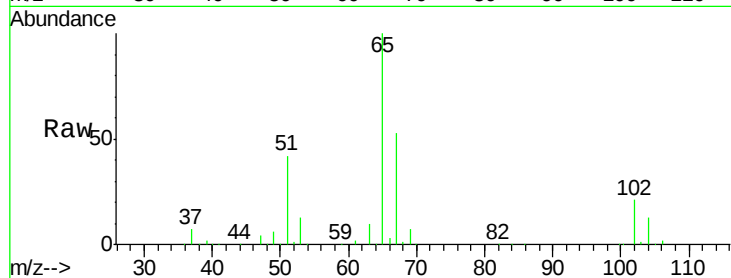
ClientSampleId :

Tot Ion: 65 Resp: 98120

Ion Ratio Lower Upper

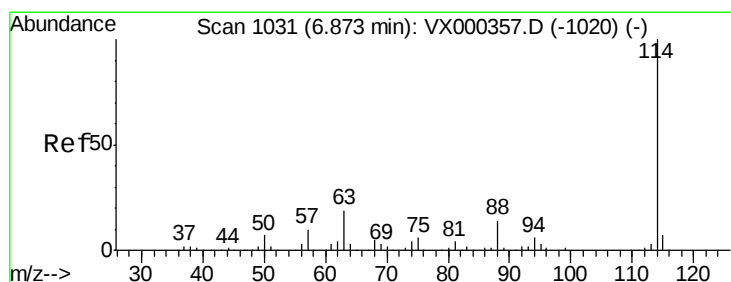
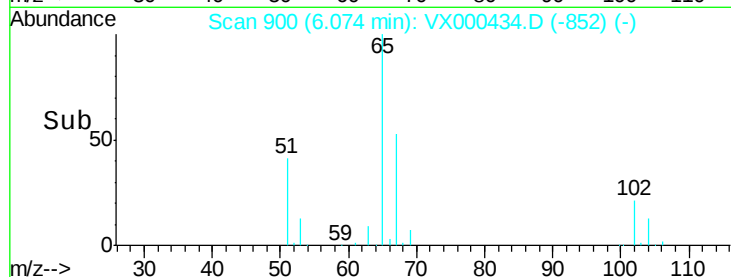
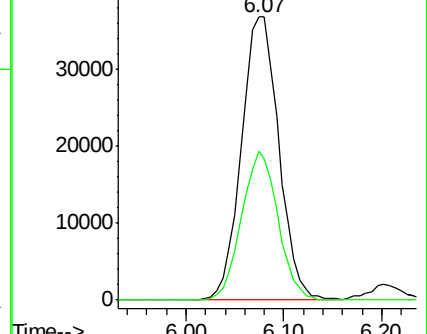
65 100

67 51.0 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

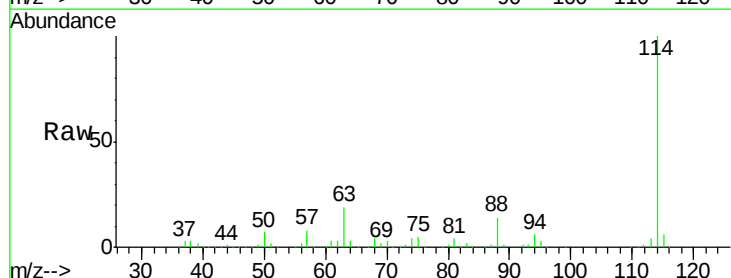
Tgt Ion: 114 Resp: 239196

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

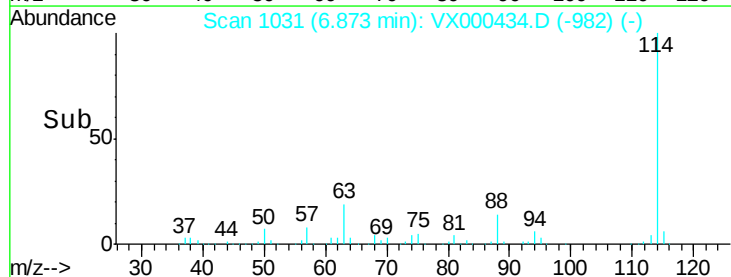
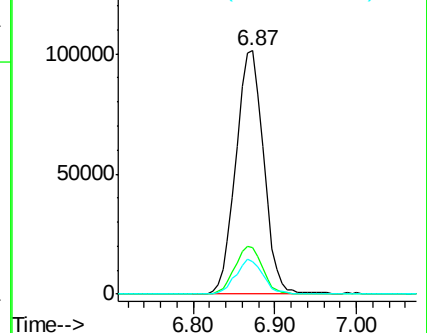
88 13.5 0.0 27.0

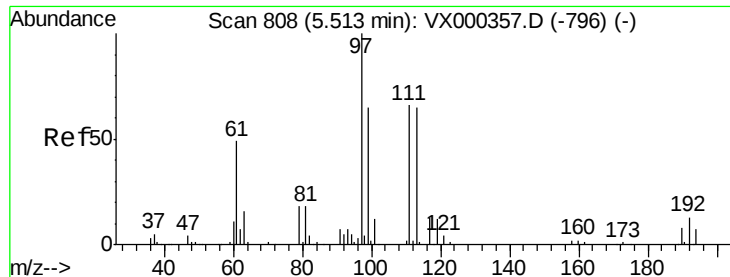


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

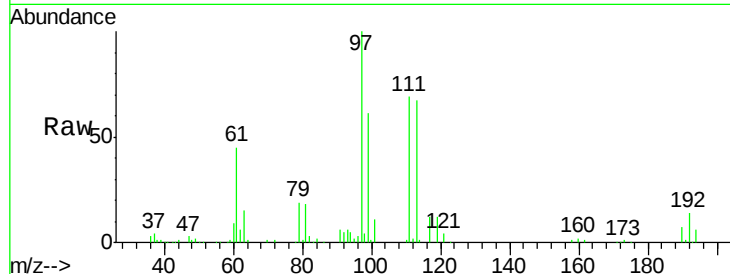




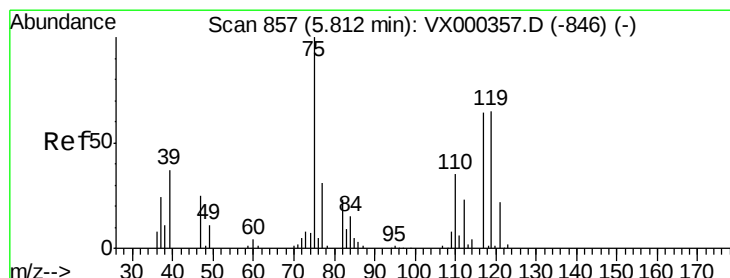
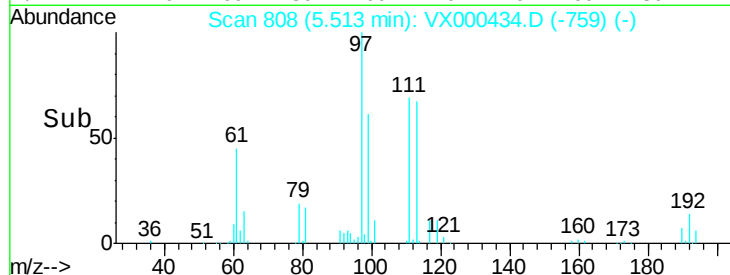
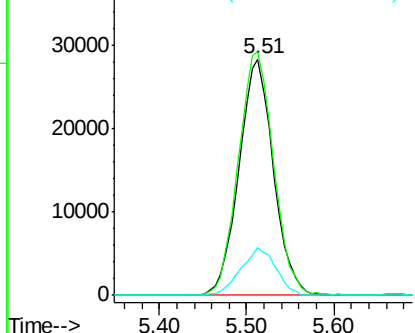
#35
Dibromofluoromethane
Concen: 51.338 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 77374
Ion Ratio Lower Upper
113 100
111 105.6 82.4 123.6
192 20.6 15.8 23.6

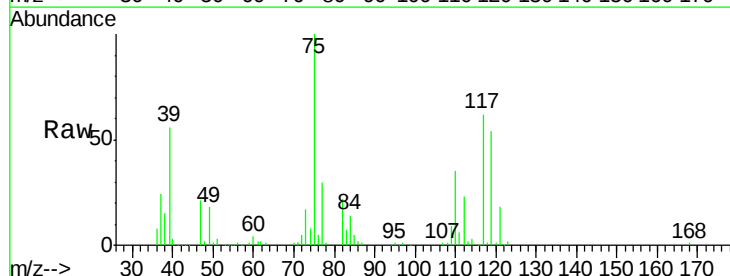


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

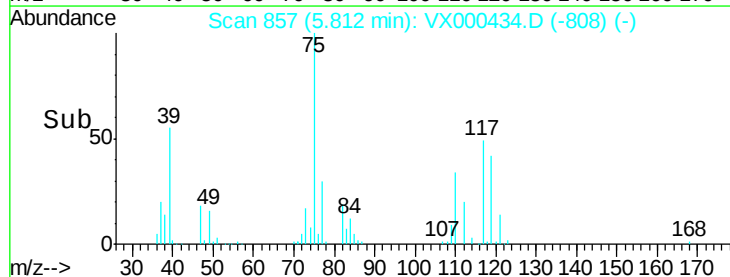
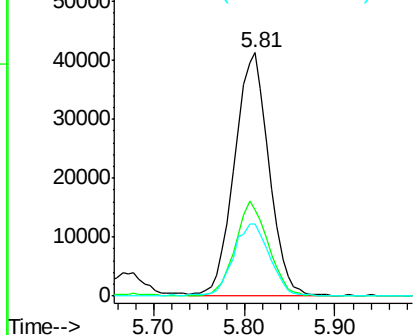


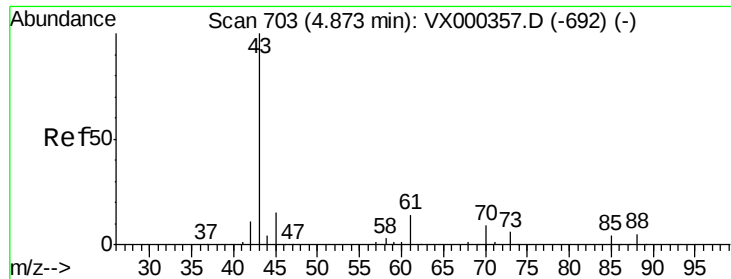
#36
1,1-Dichloropropene
Concen: 48.251 ug/l
RT: 5.81 min Scan# 857
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion: 75 Resp: 108110
Ion Ratio Lower Upper
75 100
110 37.8 17.9 53.7
77 31.8 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

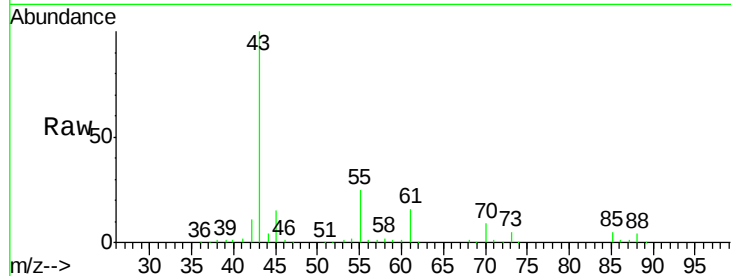




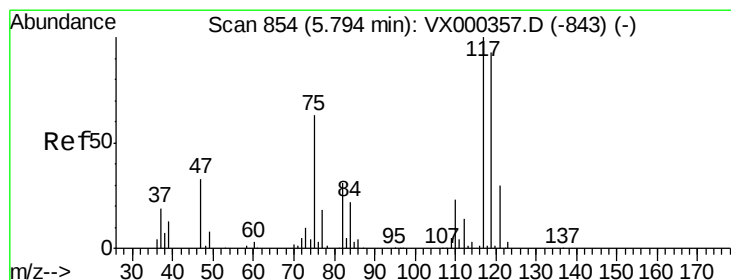
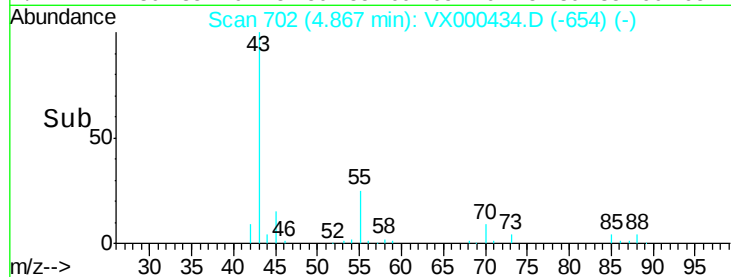
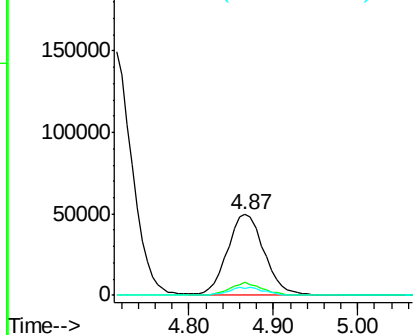
#37
Ethyl Acetate
Concen: 47.971 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 146816
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 9.6 7.7 11.5

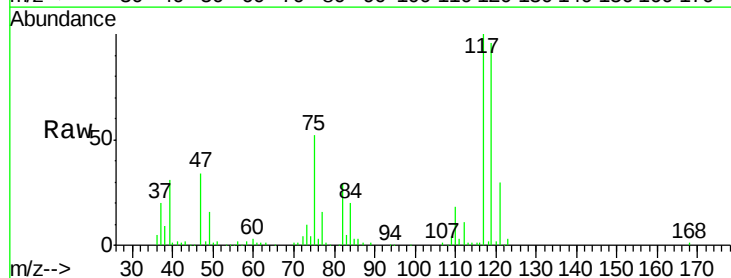


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

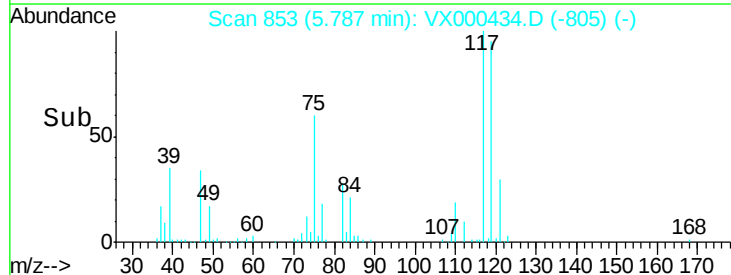
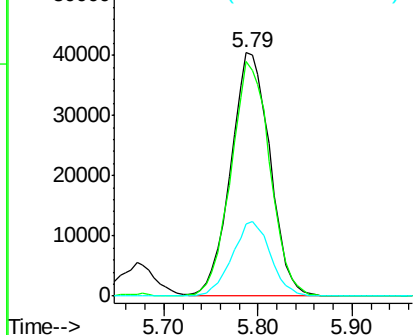


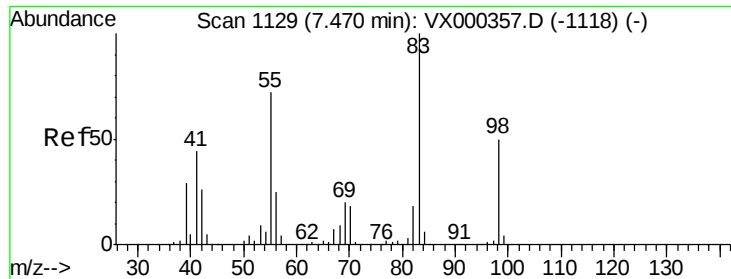
#38
Carbon Tetrachloride
Concen: 49.820 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion: 117 Resp: 117106
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
121 29.7 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

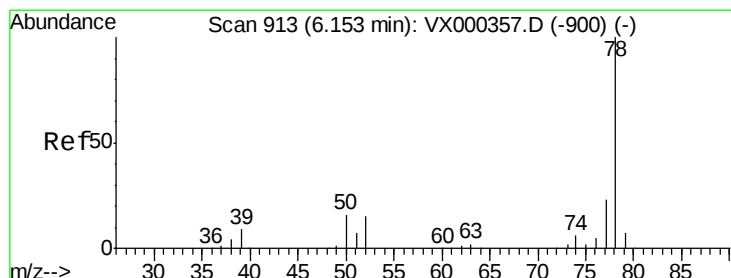
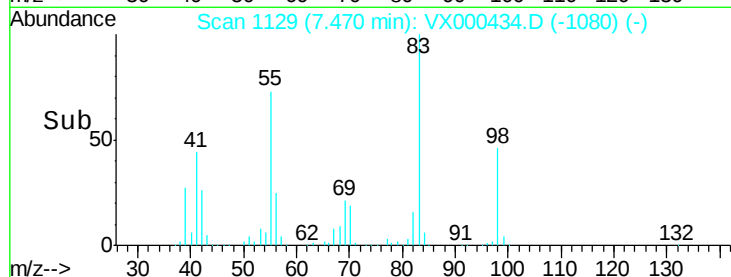
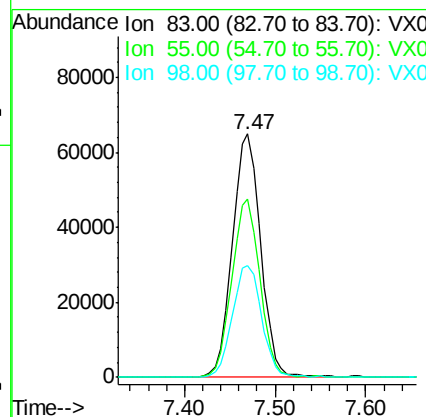
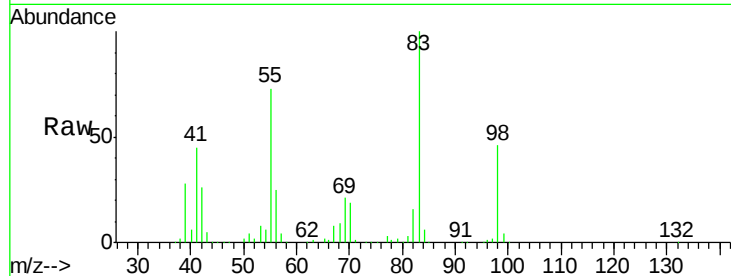




#39
Methvlcvclohexane
Concen: 51.709 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

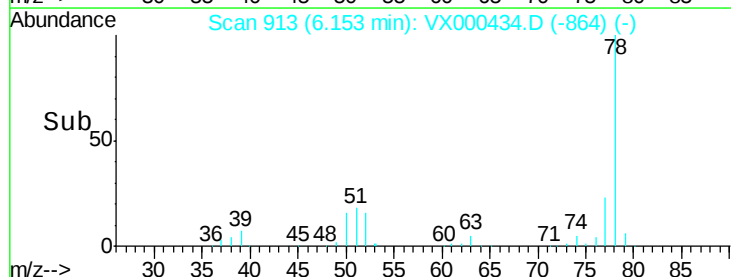
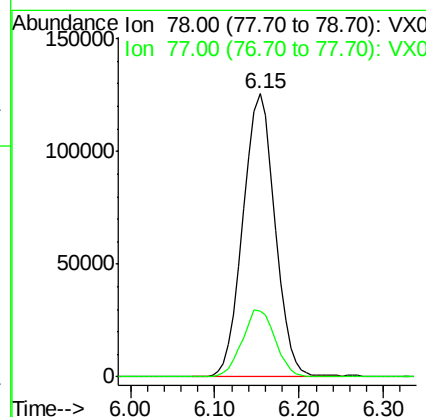
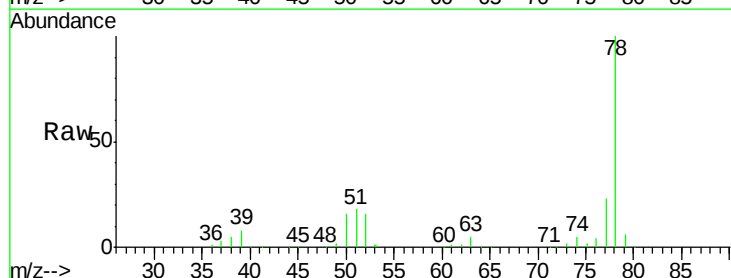
Instrument :
MSVOA_X
ClientSampleId :

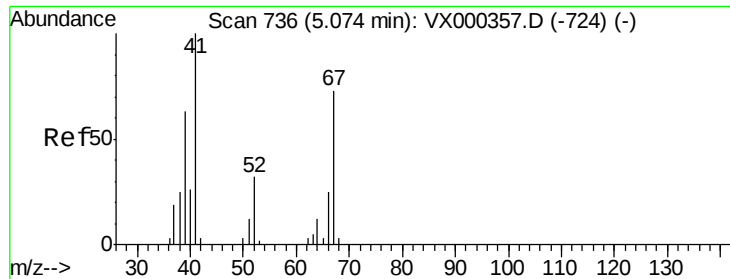
Tot Ion: 83 Resp: 140901
Ion Ratio Lower Upper
83 100
55 73.1 55.5 83.3
98 45.9 38.2 57.4



#40
Benzene
Concen: 49.737 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion: 78 Resp: 323624
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

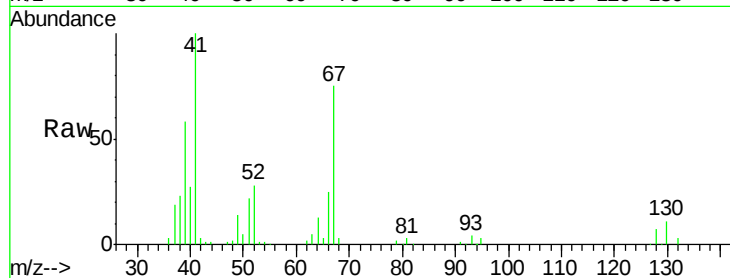




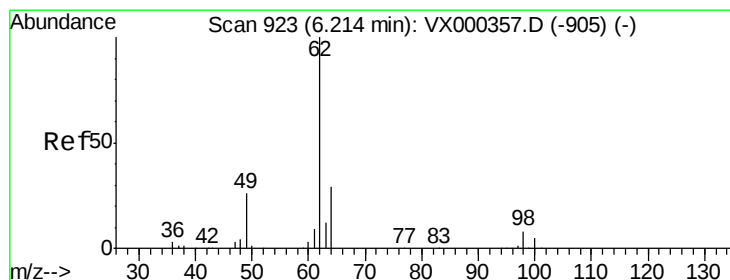
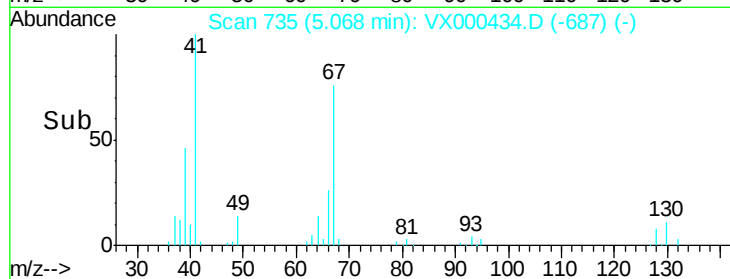
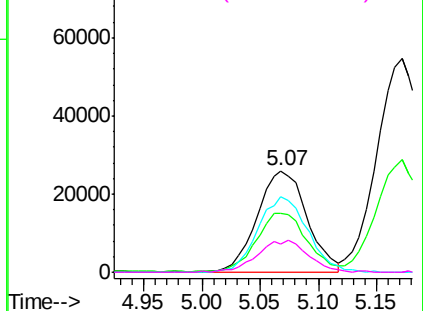
#41
Methacrylonitrile
Concen: 47.354 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	76408
Ion	Ratio	Lower	Upper
41	100		
39	59.1	45.7	68.5
67	75.5	57.8	86.8
52	32.6	26.7	40.1

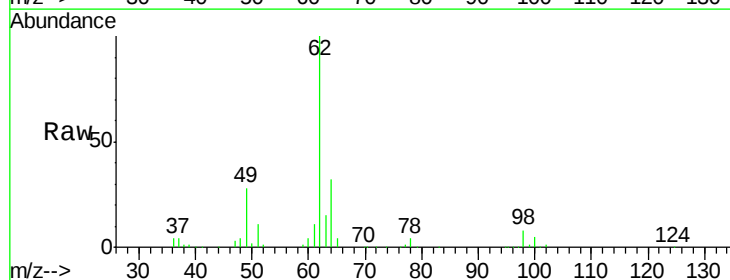


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

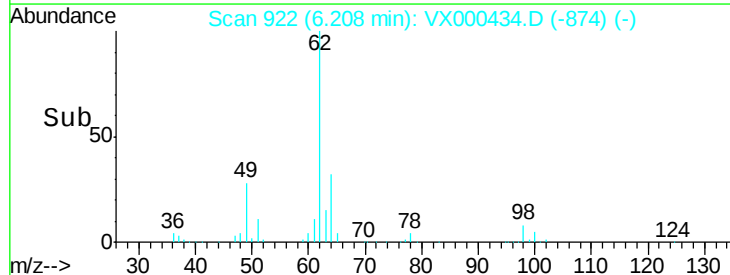
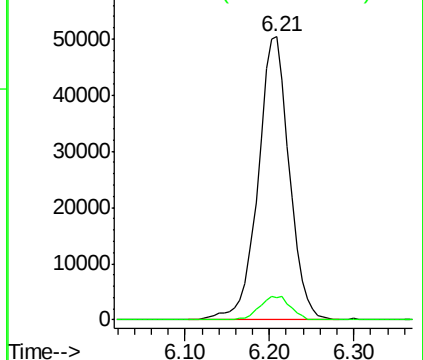


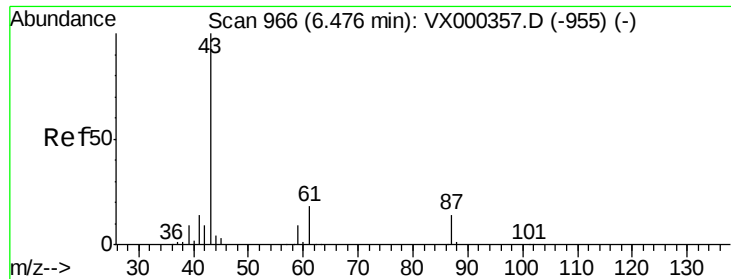
#42
1,2-Dichloroethane
Concen: 50.321 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion:	62	Resp:	128467
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



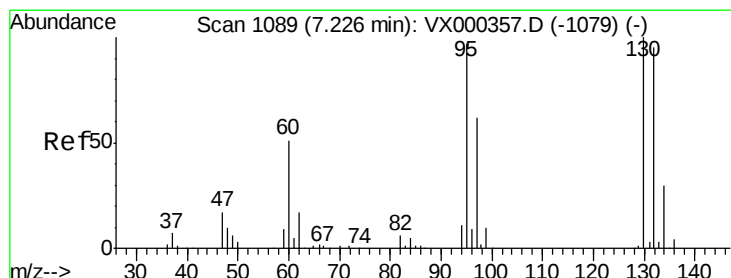
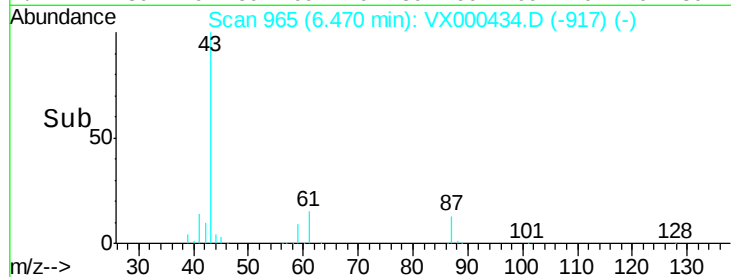
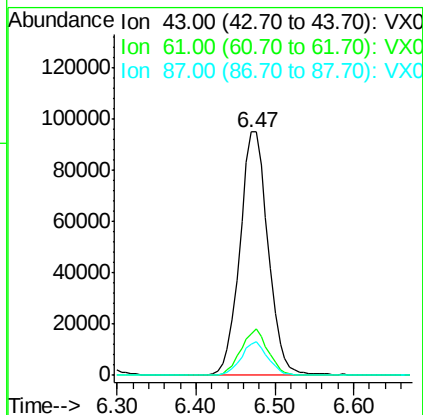
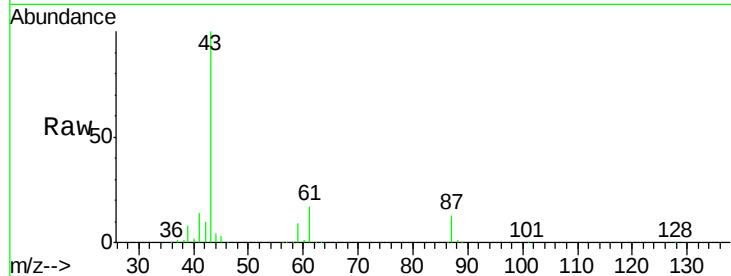


#43

Isopropyl Acetate
 Concen: 51.997 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :

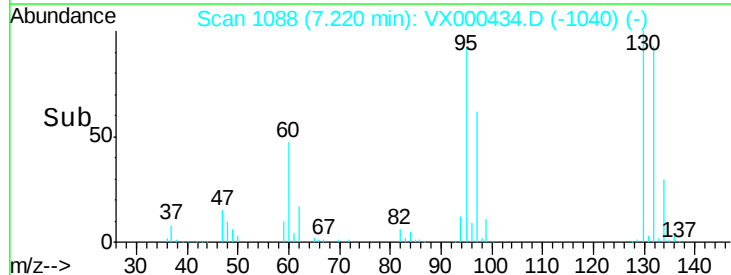
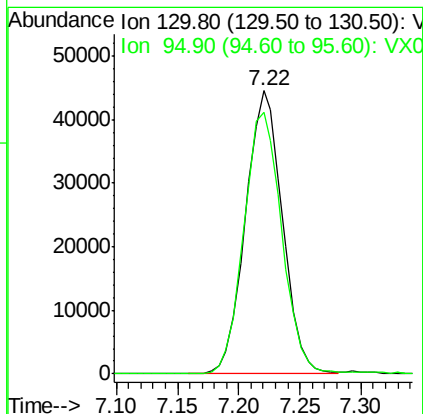
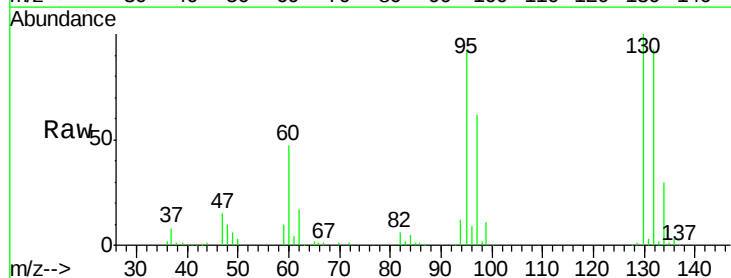
Tot Ion	43	Resp	236887
Ion Ratio	Lower	Upper	
43	100		
61	18.2	14.4	21.6
87	13.0	11.0	16.4

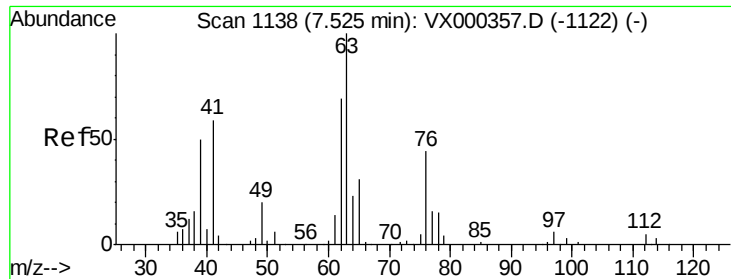


#44

Trichloroethene
 Concen: 50.201 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion	130	Resp	93579
Ion Ratio	Lower	Upper	
130	100		
95	92.4	0.0	186.0





#45

1,2-Dichloropropane

Concen: 51.067 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

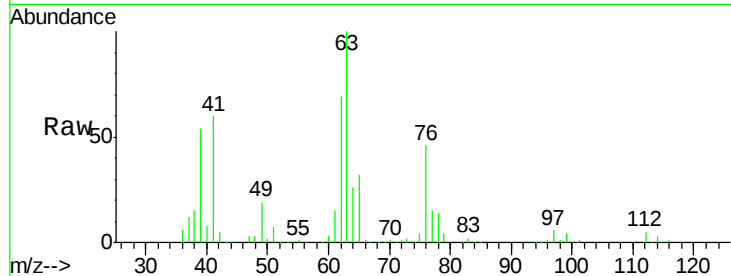
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 63 Resp: 85051

Ion Ratio Lower Upper

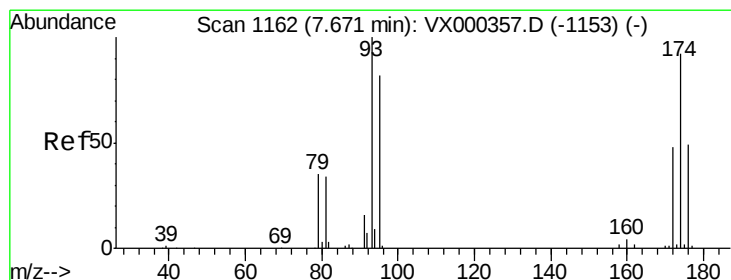
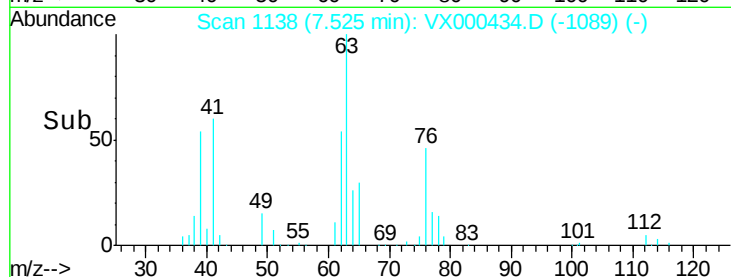
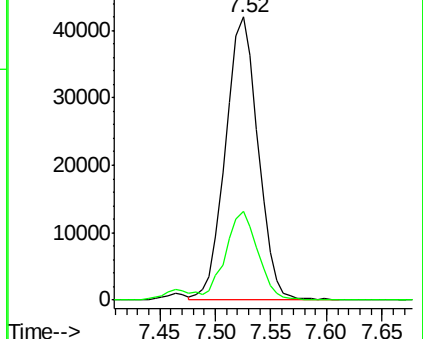
63 100

65 31.7 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: 49.561 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

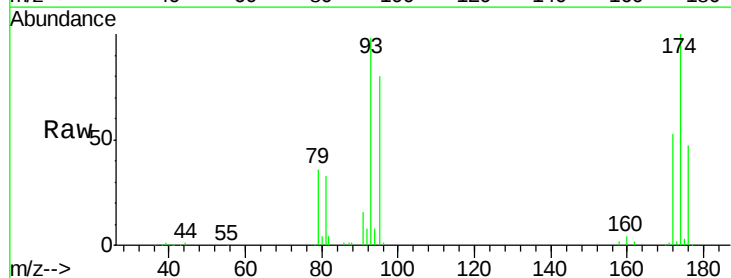
Tgt Ion: 93 Resp: 64791

Ion Ratio Lower Upper

93 100

95 81.8 66.5 99.7

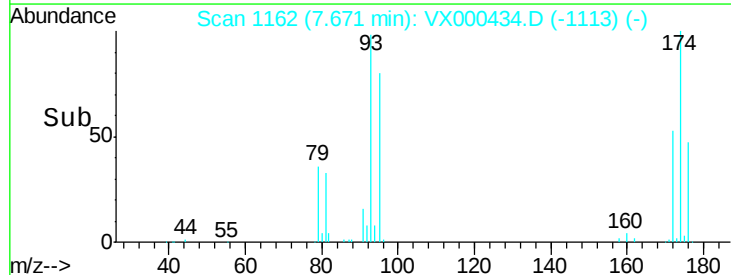
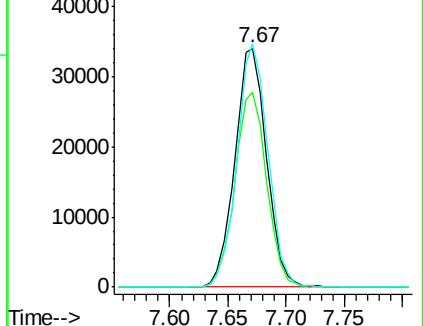
174 99.0 76.0 114.0

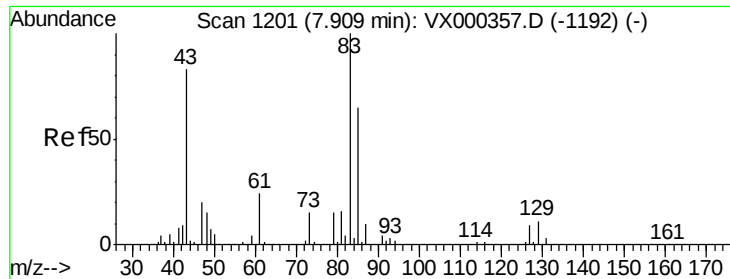


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.658 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :

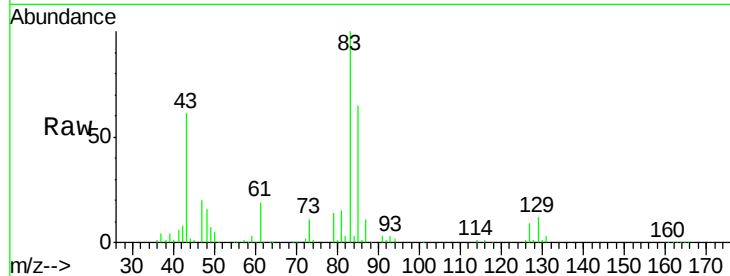
Tot Ion: 83 Resp: 125718

Ion Ratio Lower Upper

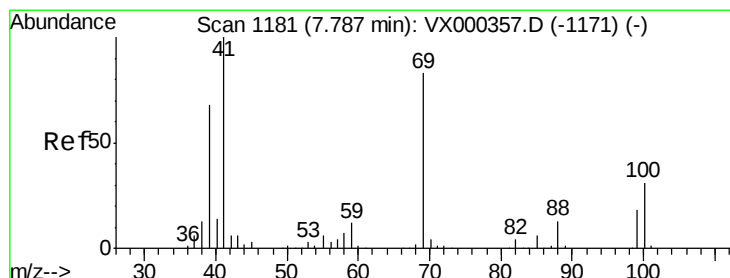
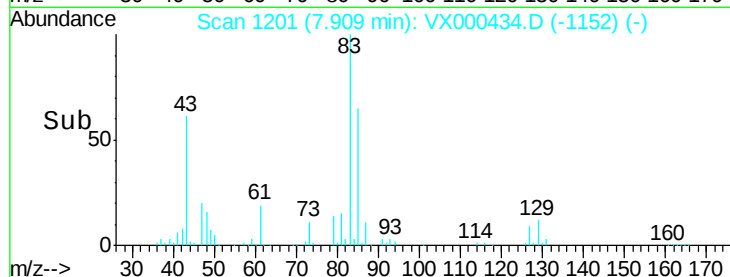
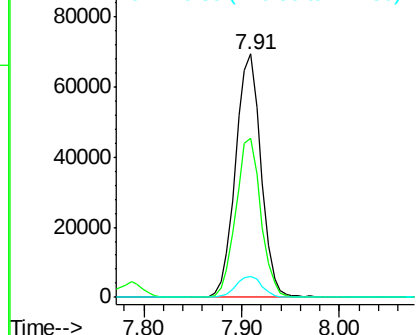
83 100

85 65.4 51.4 77.0

127 8.5 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: 51.570 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

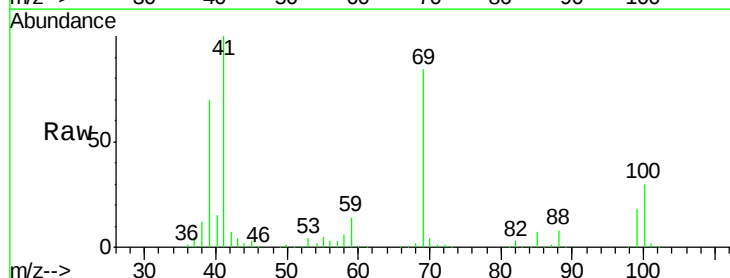
Tgt Ion: 41 Resp: 114060

Ion Ratio Lower Upper

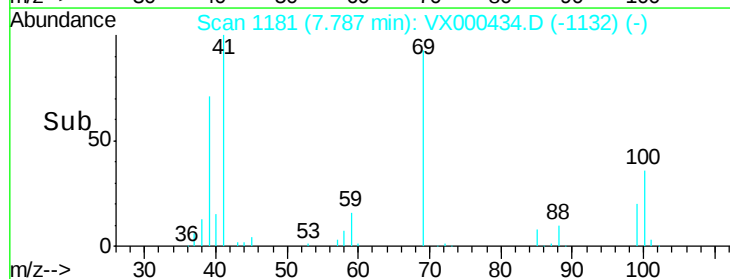
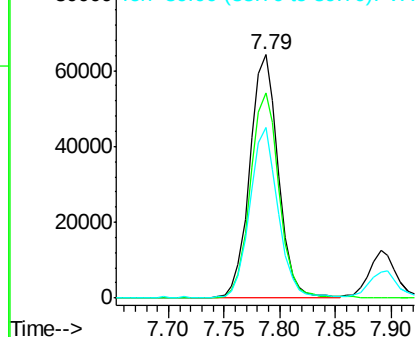
41 100

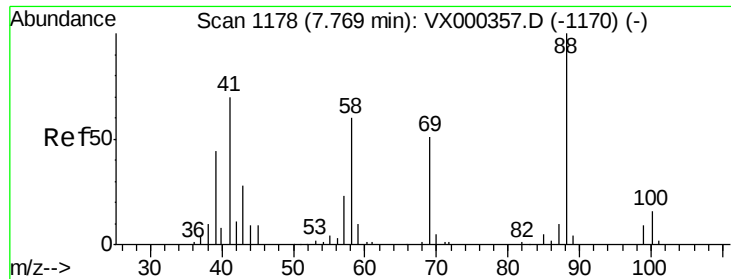
69 85.6 68.2 102.4

39 68.5 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

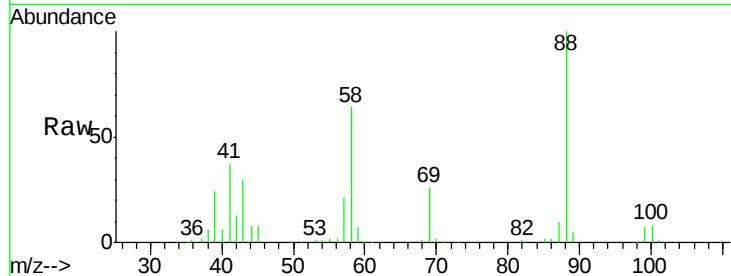




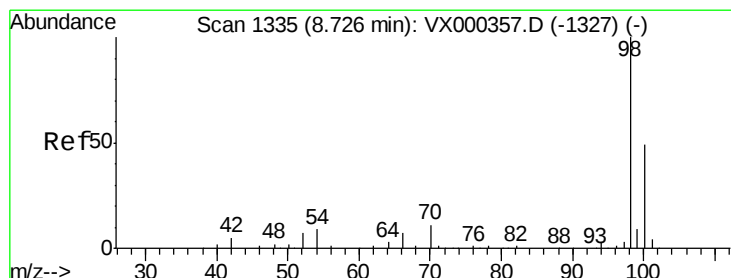
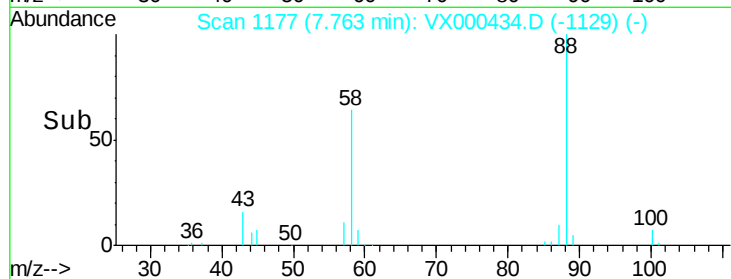
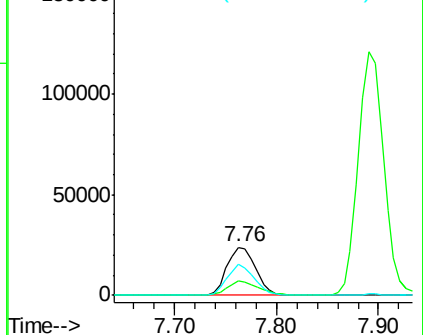
#49
1,4-Dioxane
Concen: 1008.237 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 46874
Ion Ratio Lower Upper
88 100
43 32.4 26.8 40.2
58 61.7 52.2 78.2

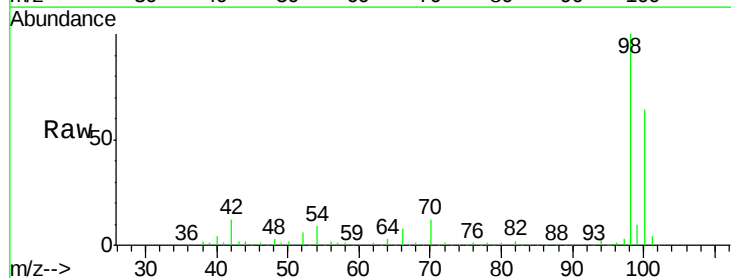


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

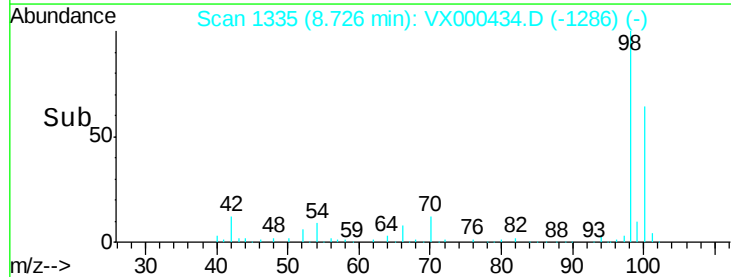
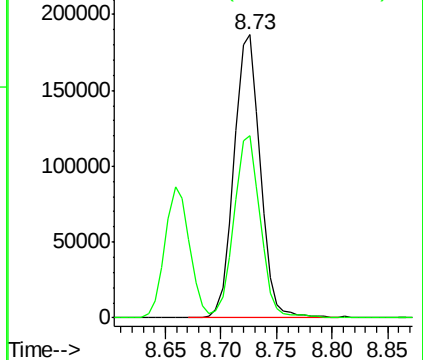


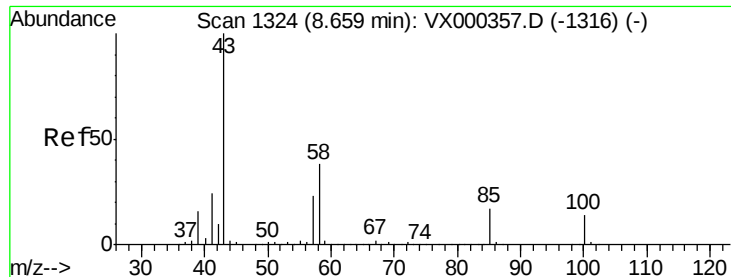
#50
Toluene-d8
Concen: 48.652 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion: 98 Resp: 303686
Ion Ratio Lower Upper
98 100
100 64.7 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: 254.652 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

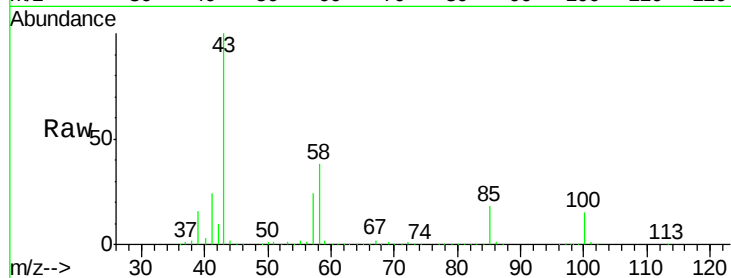
ClientSampleId :

Tot Ion: 43 Resp: 897987

Ion Ratio Lower Upper

43 100

58 37.4 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

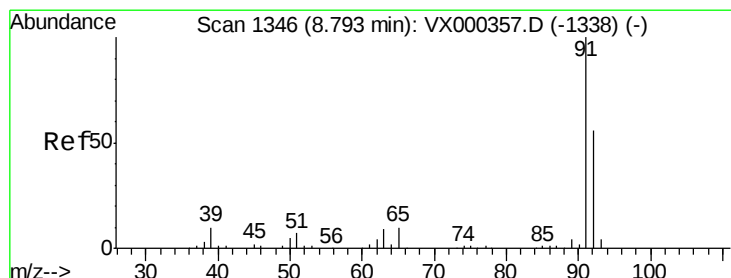
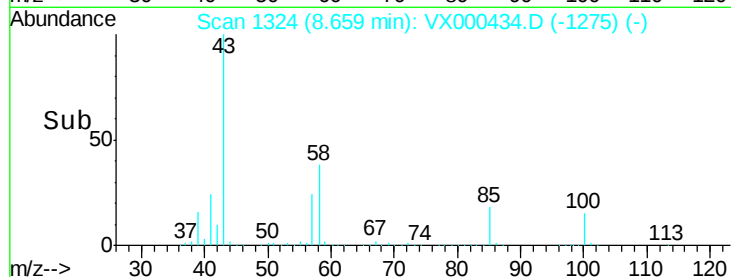
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.329 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000434.D

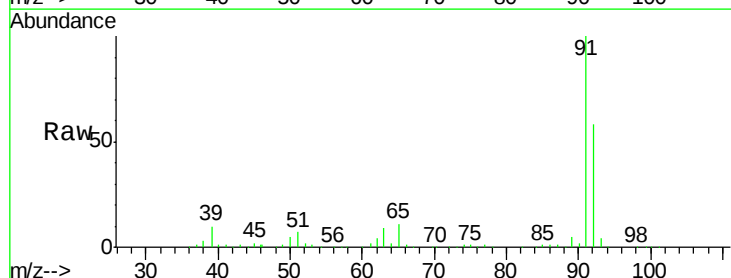
Acq: 26 Mar 2018 11:07

Tgt Ion: 92 Resp: 224386

Ion Ratio Lower Upper

92 100

91 174.6 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

300000

250000

200000

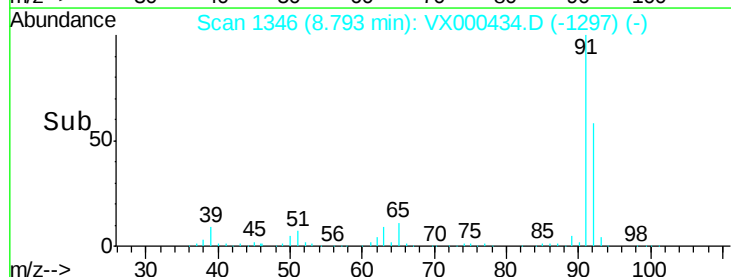
150000

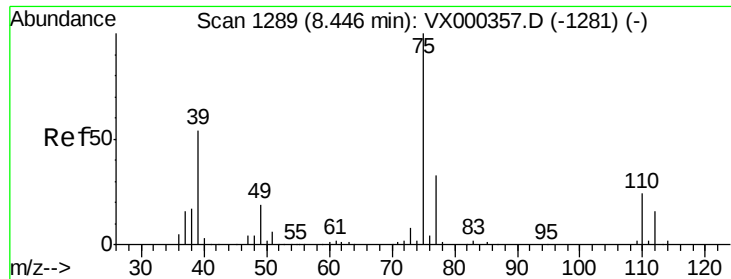
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.682 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

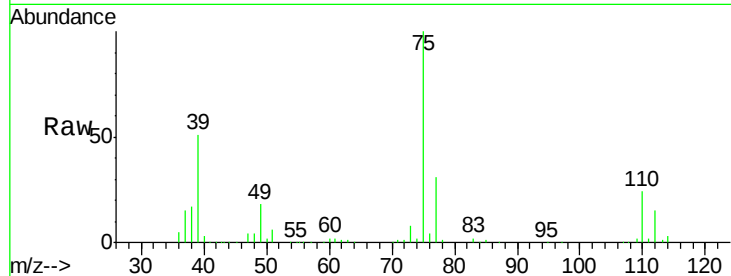
ClientSampleId :

Tot Ion: 75 Resp: 143080

Ion Ratio Lower Upper

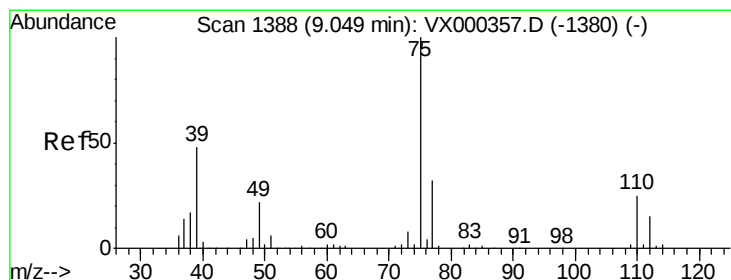
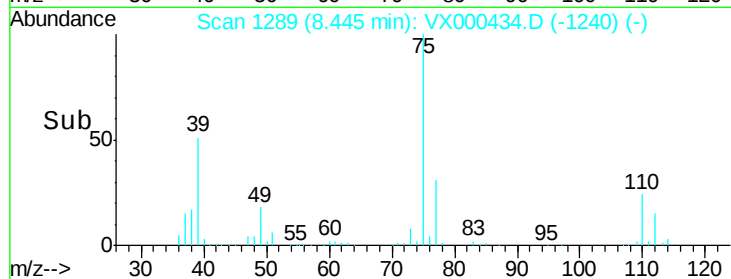
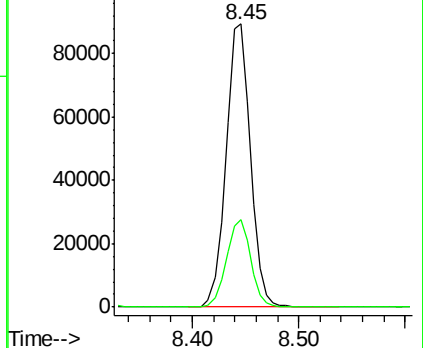
75 100

77 30.9 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.687 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

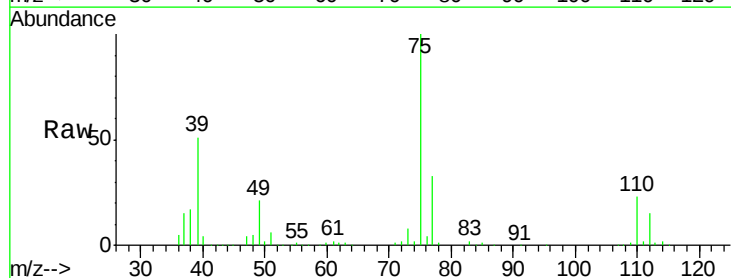
Tgt Ion: 75 Resp: 138799

Ion Ratio Lower Upper

75 100

77 33.3 26.1 39.1

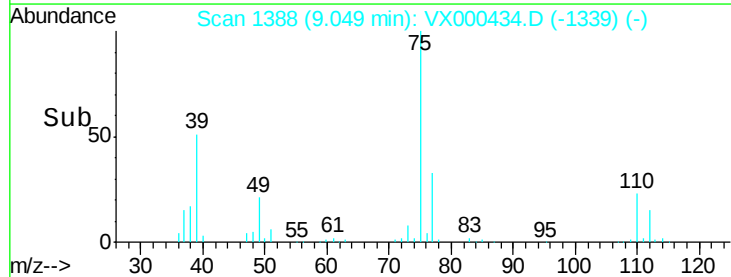
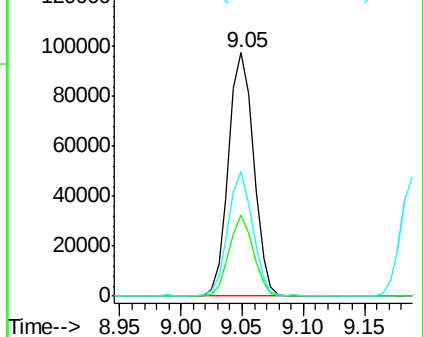
39 50.7 39.8 59.6

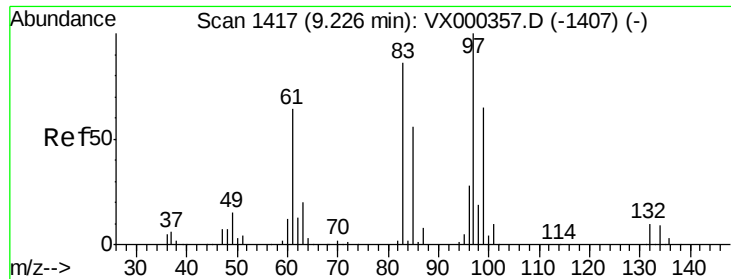


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

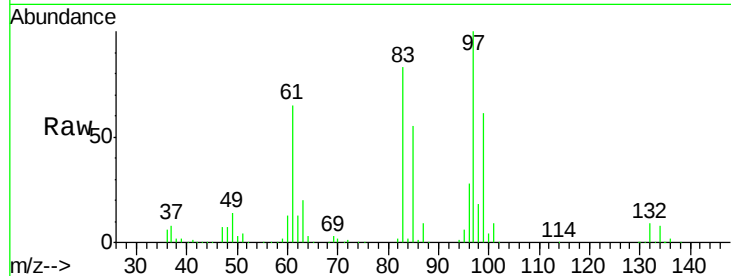




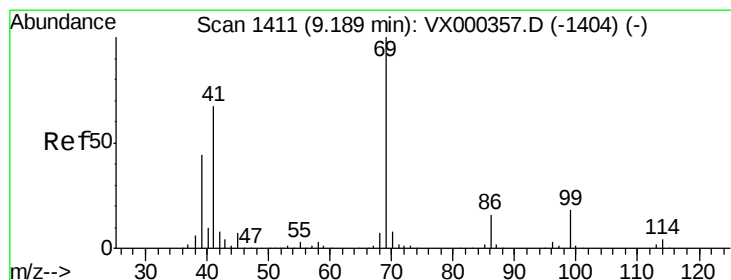
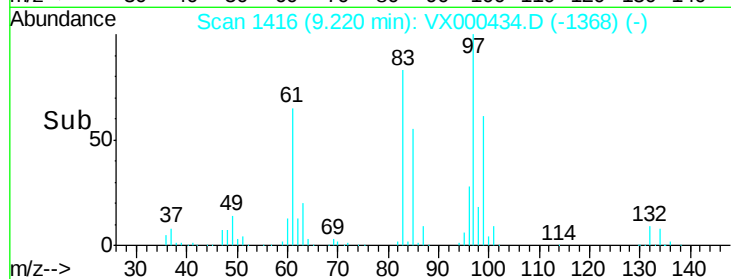
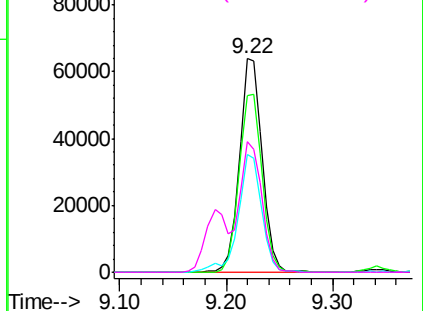
#55
 1,1,2-Trichloroethane
 Concen: 51.299 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	95960
Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.9	101.9
85	55.3	42.8	64.2
99	61.1	49.4	74.2

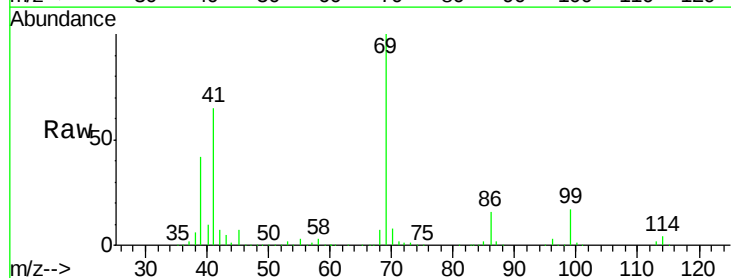


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

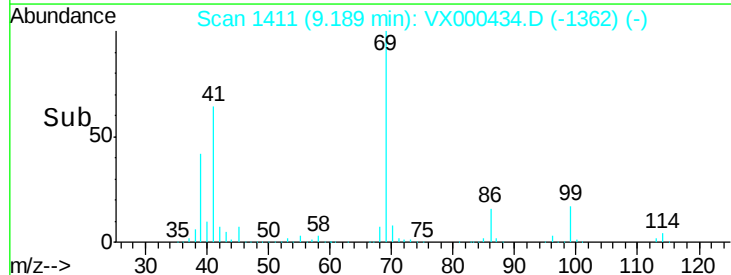
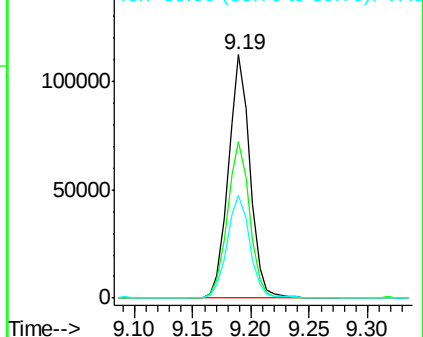


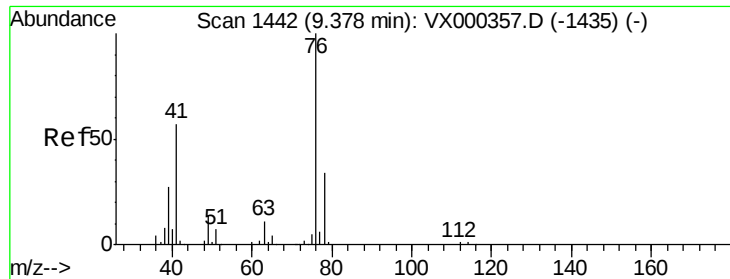
#56
 Ethyl methacrylate
 Concen: 51.164 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion:	69	Resp:	145026
Ion	Ratio	Lower	Upper
69	100		
41	66.1	53.0	79.6
39	44.3	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: 50.148 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

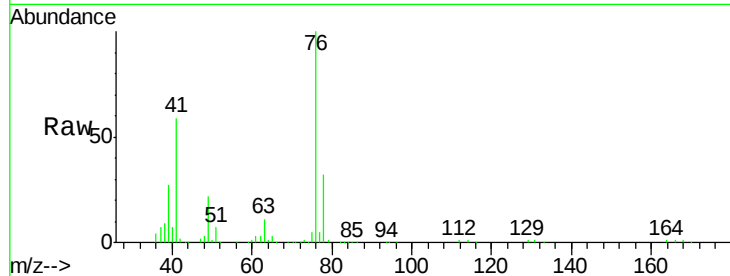
ClientSampleId :

Tot Ion: 76 Resp: 150041

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

120000

100000

80000

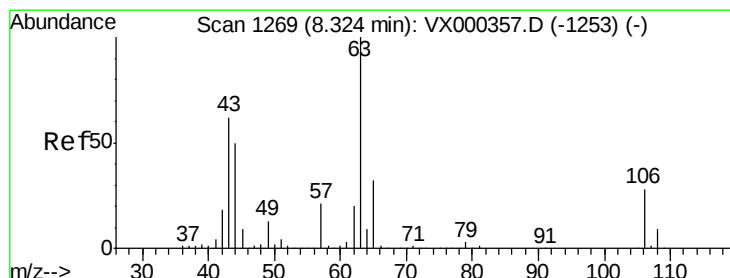
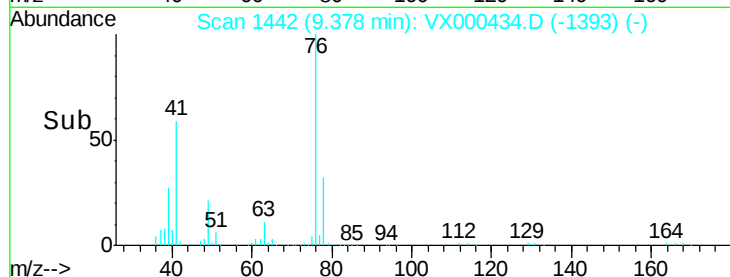
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 252.557 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000434.D

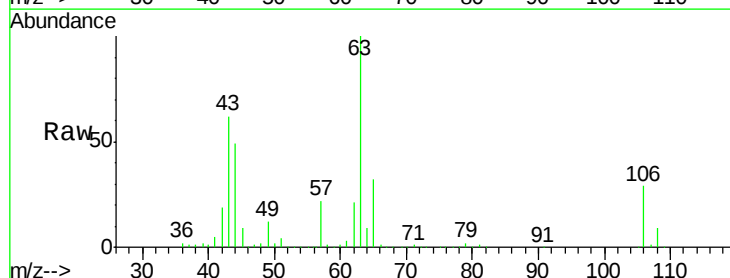
Acq: 26 Mar 2018 11:07

Tgt Ion: 63 Resp: 343586

Ion Ratio Lower Upper

63 100

106 27.8 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

250000

200000

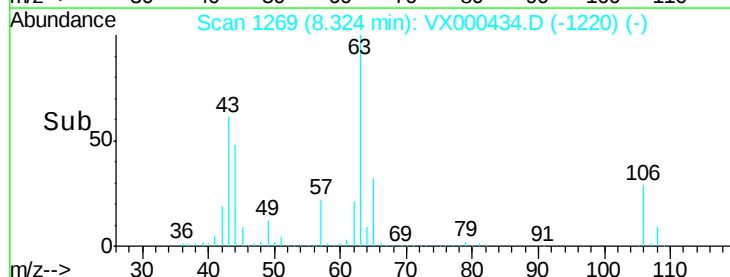
150000

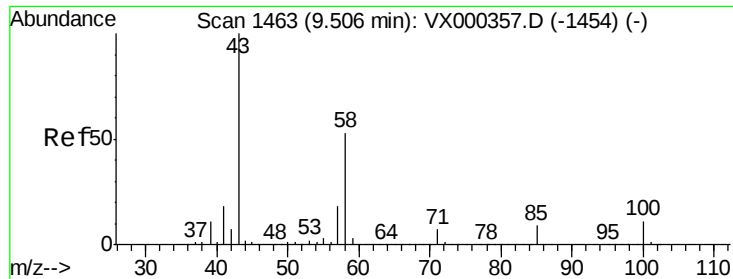
100000

50000

0

Time-->

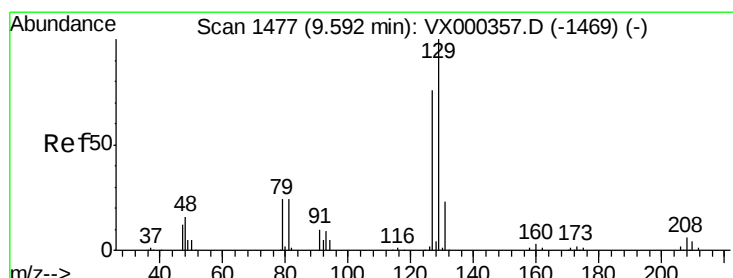
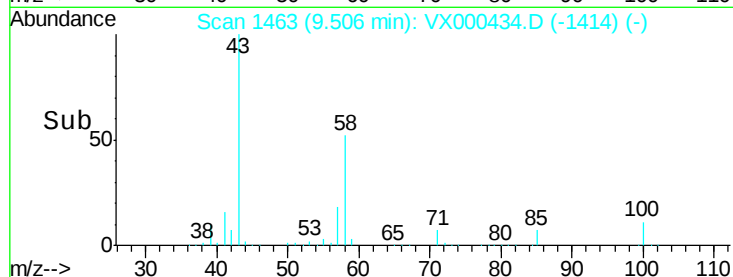
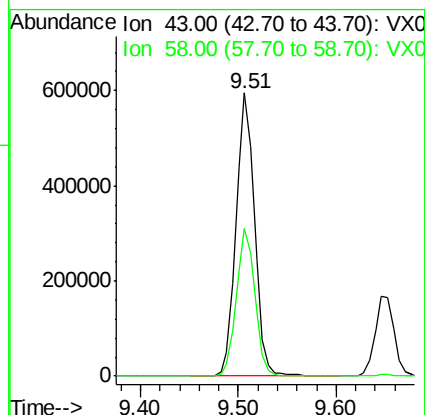
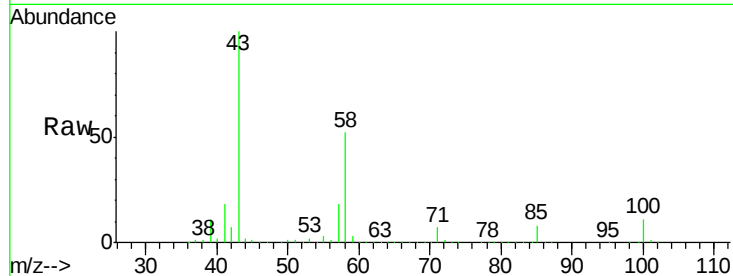




#59
2-Hexanone
Concen: 261.938 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

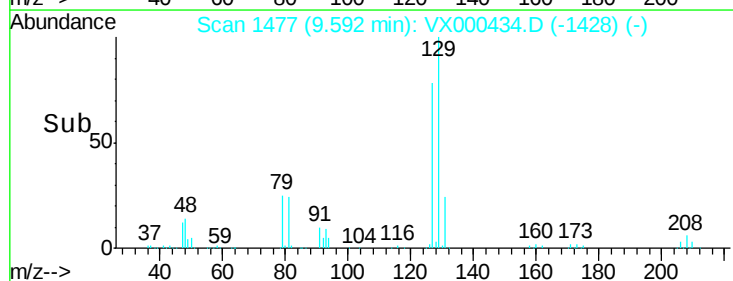
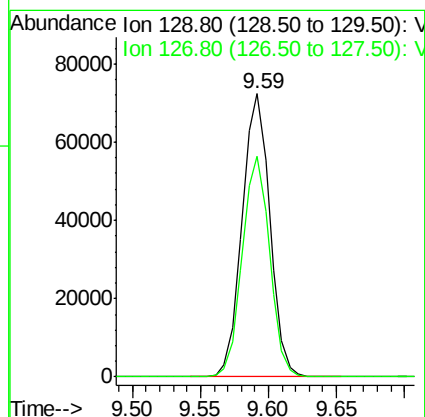
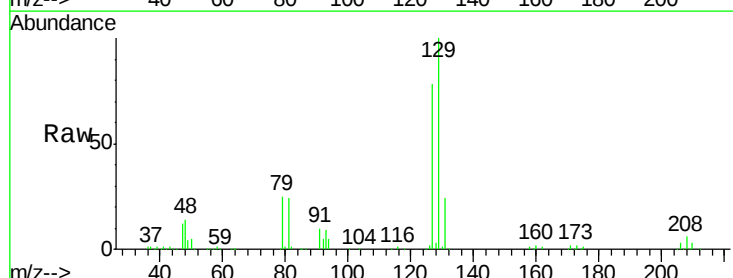
Instrument :
MSVOA_X
ClientSampleId :

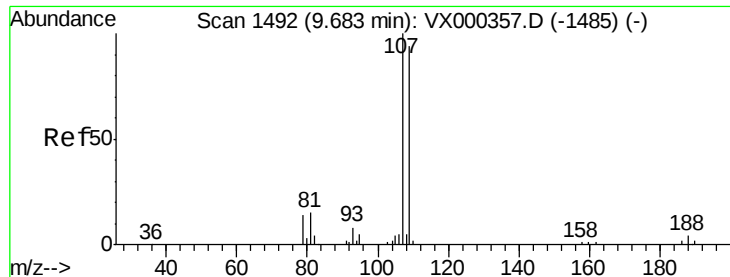
Tot Ion: 43 Resp: 784310
Ion Ratio Lower Upper
43 100
58 52.1 26.6 79.7



#60
Dibromochloromethane
Concen: 46.903 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion: 129 Resp: 103214
Ion Ratio Lower Upper
129 100
127 77.0 37.9 113.6





#61

1,2-Dibromoethane

Concen: 51.020 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

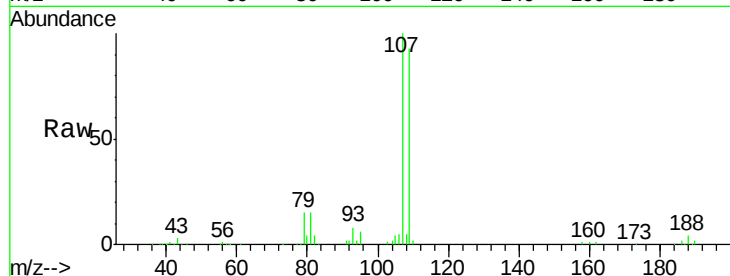
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 107 Resp: 102346

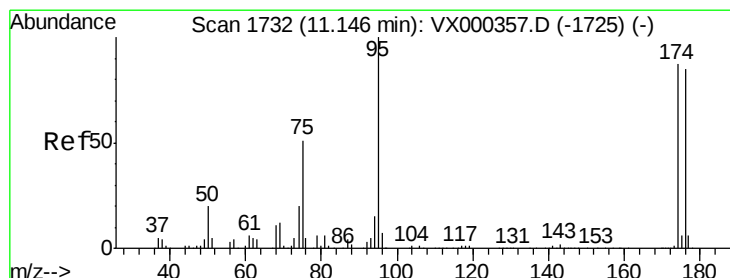
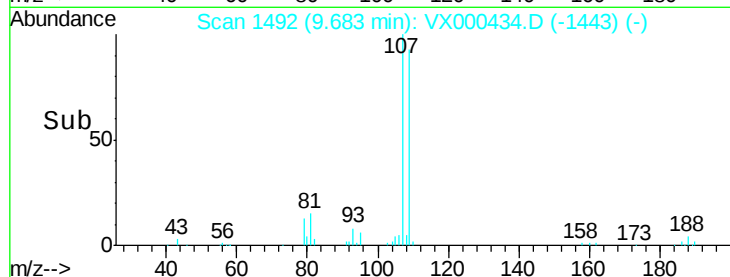
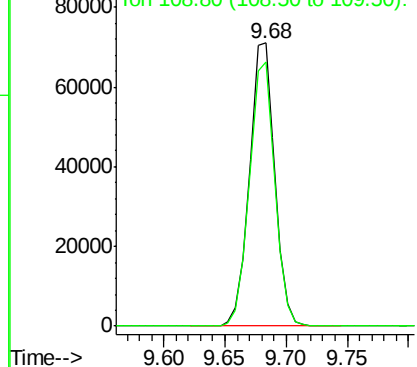
Ion Ratio Lower Upper

107 100

109 93.9 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: 46.577 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

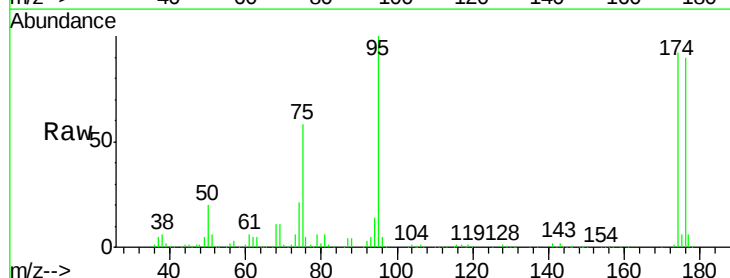
Tgt Ion: 95 Resp: 121594

Ion Ratio Lower Upper

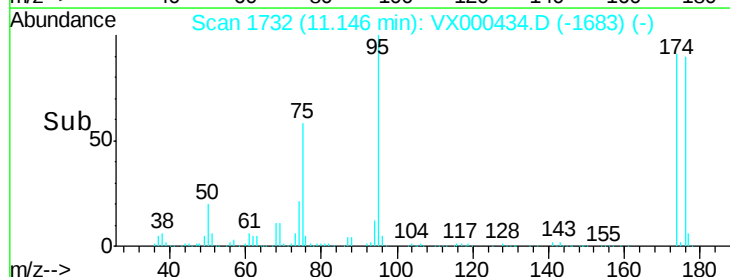
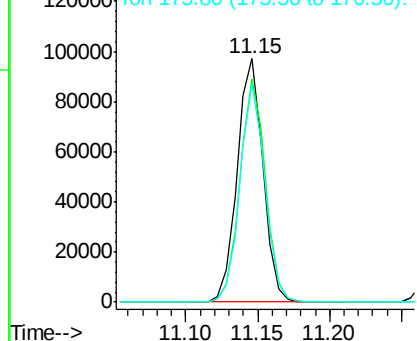
95 100

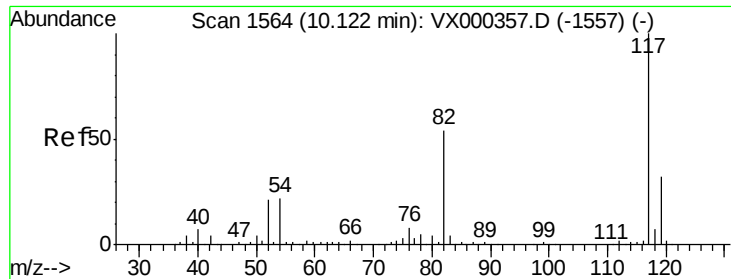
174 90.1 0.0 173.6

176 86.4 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

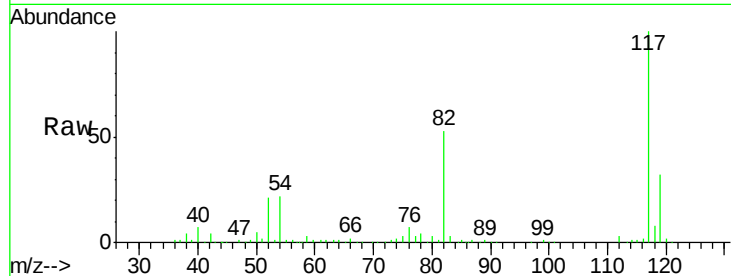




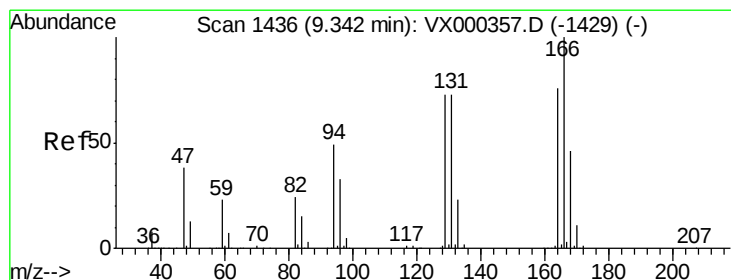
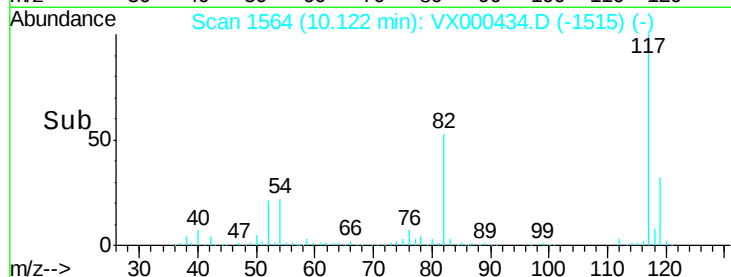
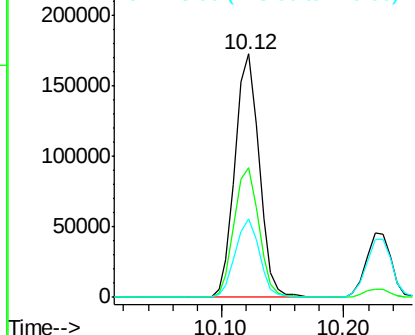
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 237413
Ion Ratio Lower Upper
117 100
82 53.4 43.8 65.8
119 32.3 24.9 37.3



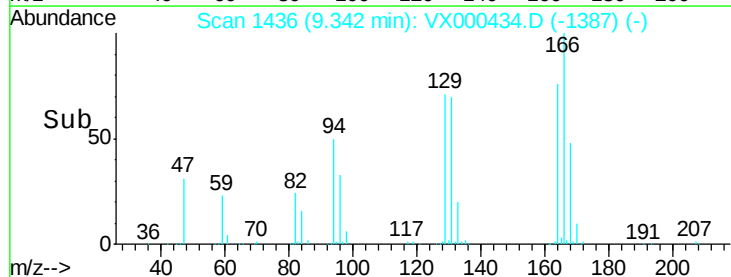
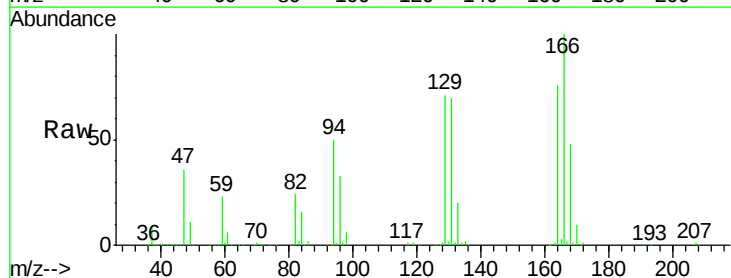
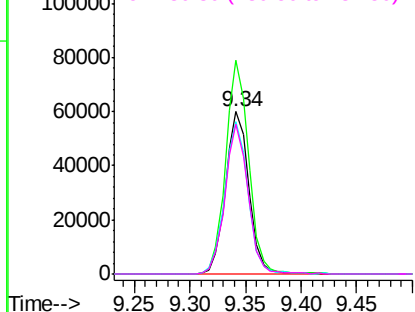
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

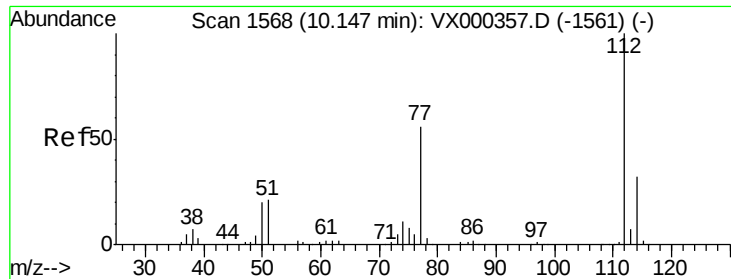


#64
Tetrachloroethene
Concen: 47.246 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion:164 Resp: 87042
Ion Ratio Lower Upper
164 100
166 131.6 101.0 151.6
129 94.0 79.0 118.4
131 92.1 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

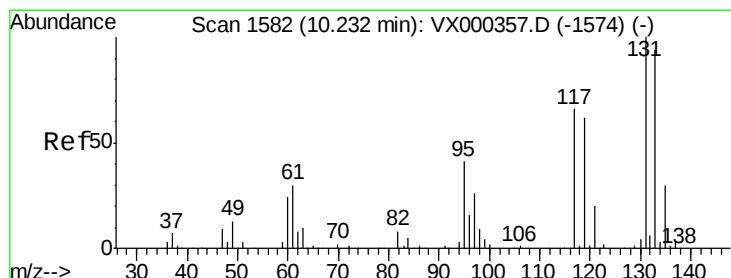
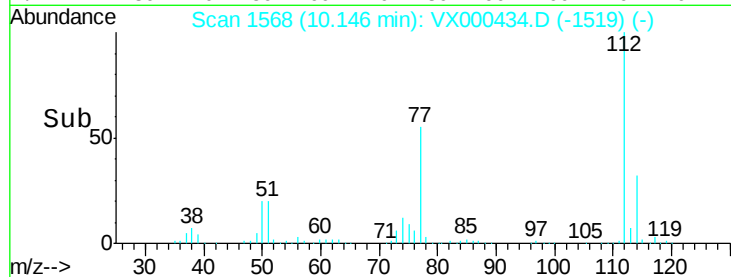
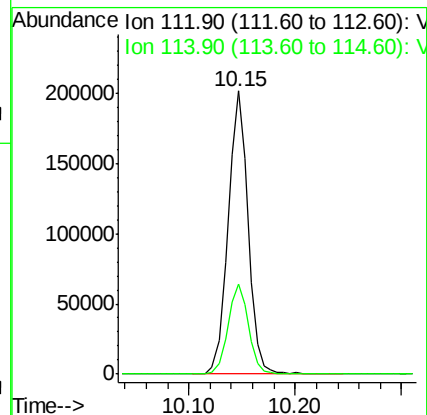
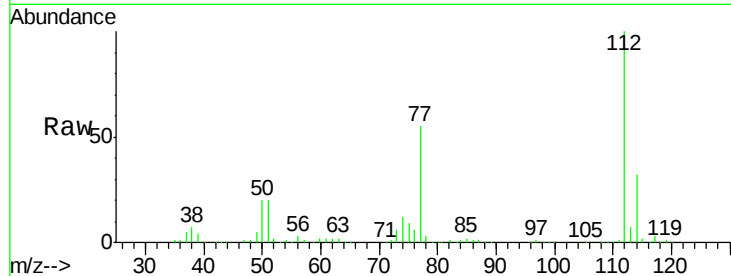




#65
Chlorobenzene
Concen: 50.036 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

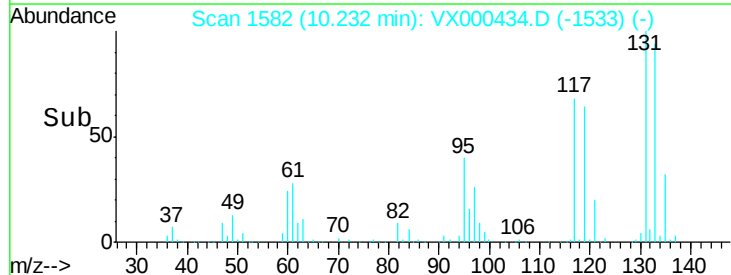
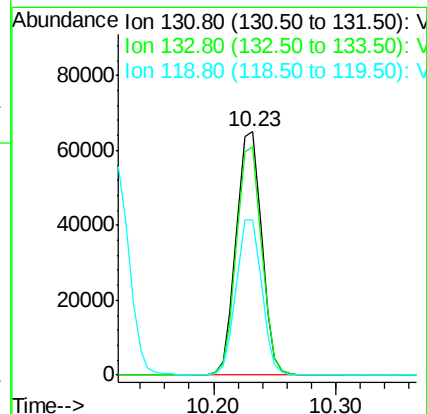
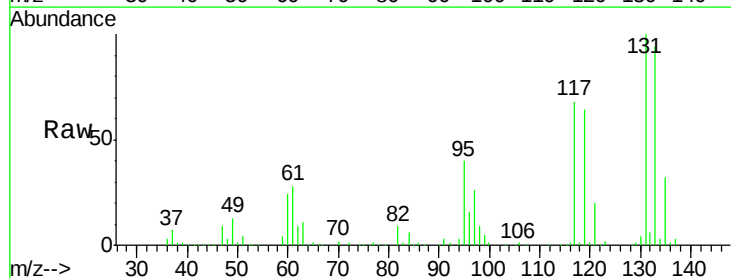
Instrument :
MSVOA_X
ClientSampled :

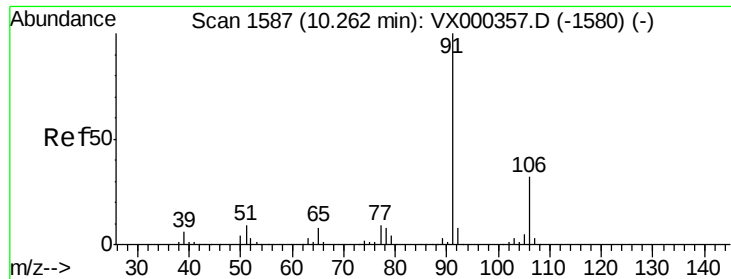
Tot Ion:112 Resp: 264364
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.138 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion:131 Resp: 93556
Ion Ratio Lower Upper
131 100
133 92.6 47.1 141.3
119 64.3 33.1 99.2

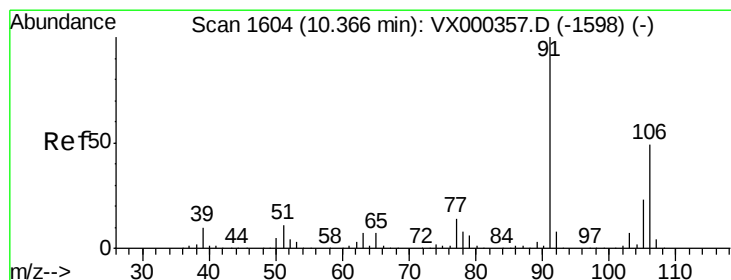
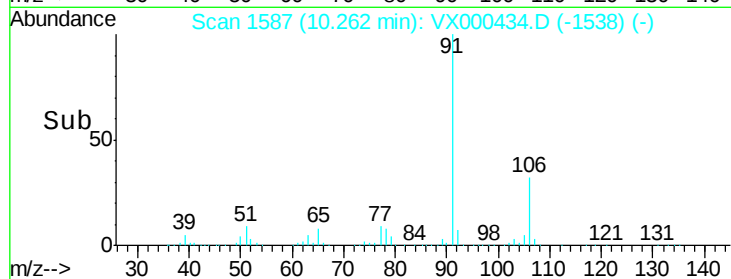
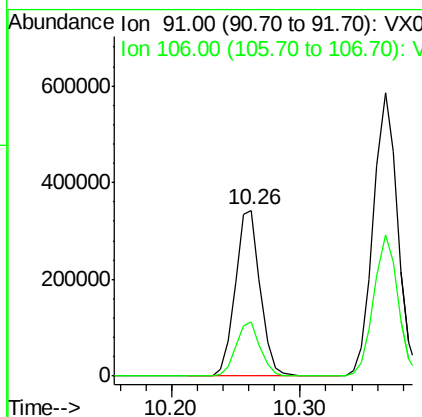
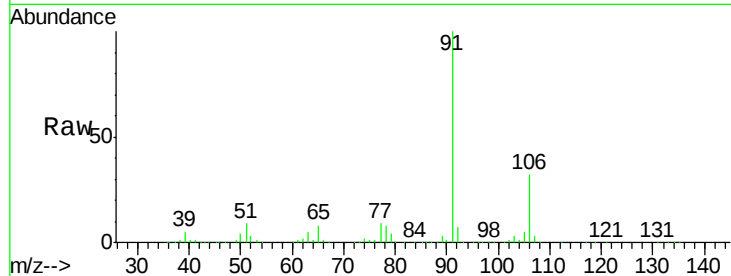




#67
Ethyl Benzene
Concen: 51.573 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

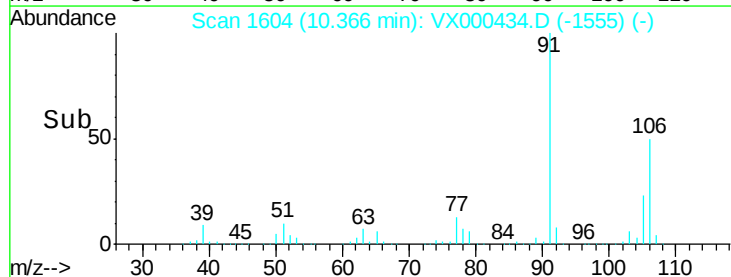
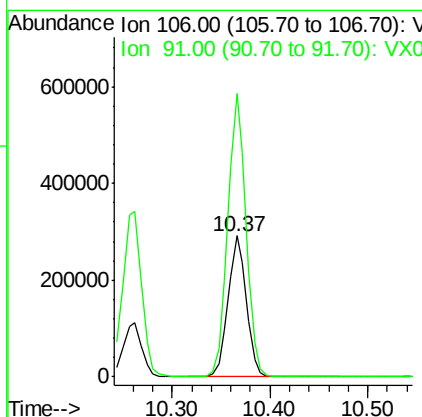
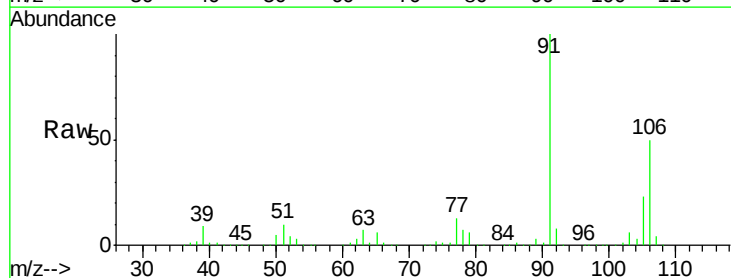
Instrument :
MSVOA_X
ClientSampled :

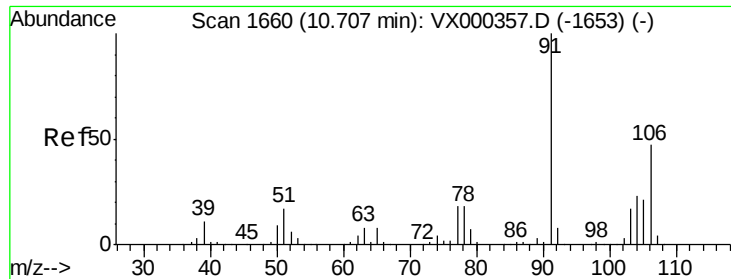
Tot Ion: 91 Resp: 461918
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.6



#68
m/p-Xylenes
Concen: 107.042 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion: 106 Resp: 377258
Ion Ratio Lower Upper
106 100
91 200.5 163.4 245.2

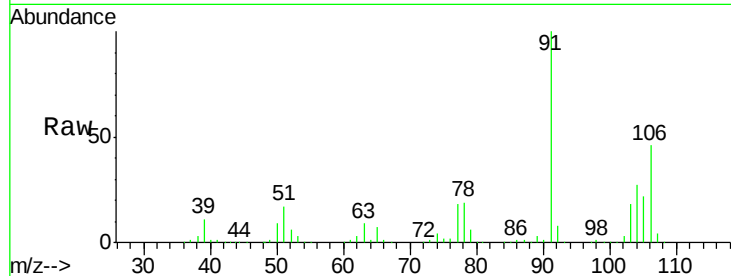




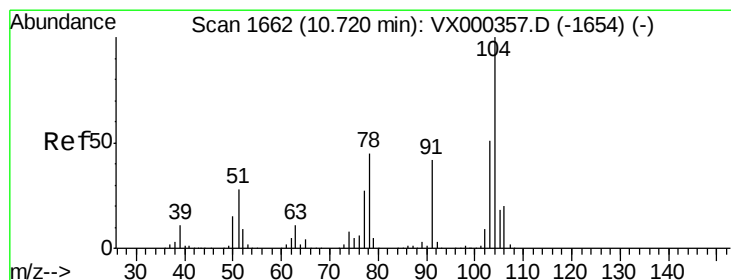
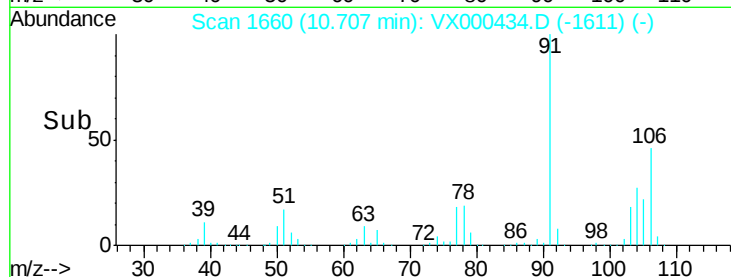
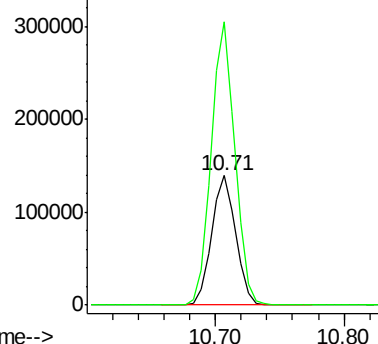
#69
o-Xylene
Concen: 52.668 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 179727
Ion Ratio Lower Upper
106 100
91 215.8 106.5 319.6

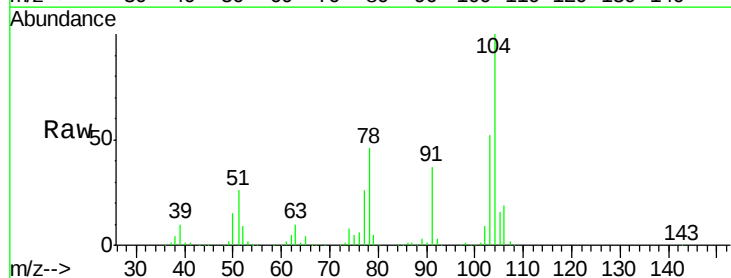


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

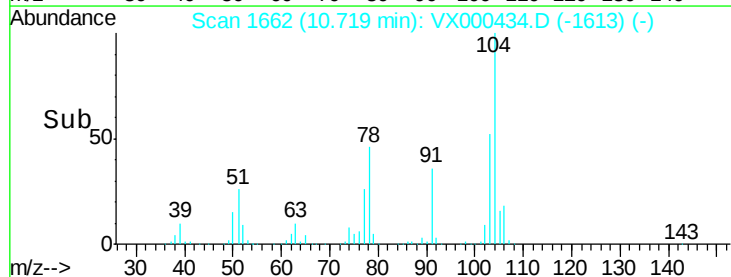
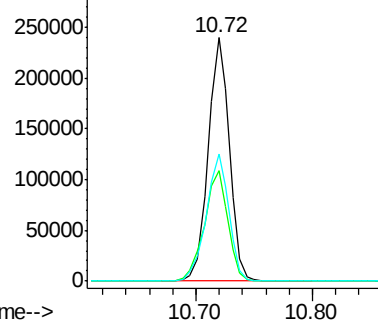


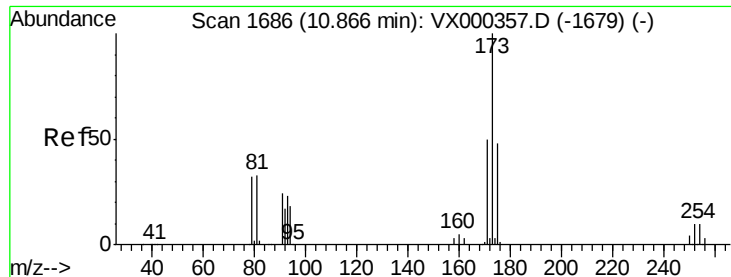
#70
Styrene
Concen: 53.999 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion:104 Resp: 304897
Ion Ratio Lower Upper
104 100
78 50.4 40.5 60.7
103 55.9 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: 46.639 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

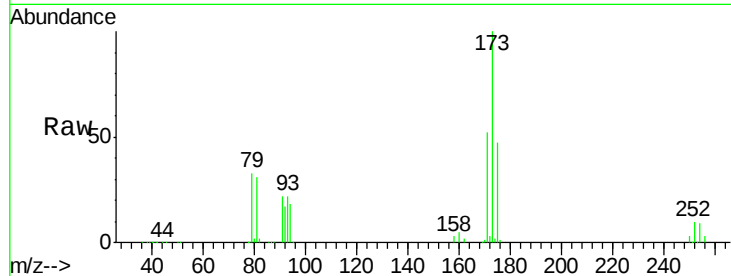
Tot Ion:173 Resp: 86542

Ion Ratio Lower Upper

173 100

175 47.3 25.4 76.4

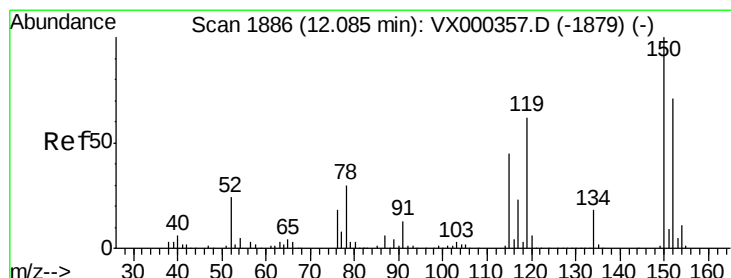
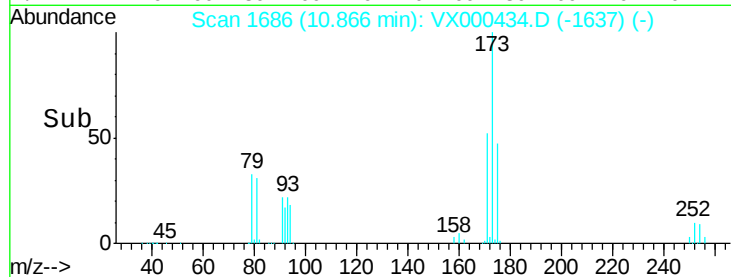
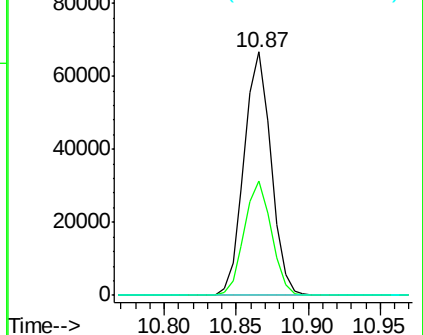
254 0.0 0.0 0.0#



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: VX000434.D

Acq: 26 Mar 2018 11:07

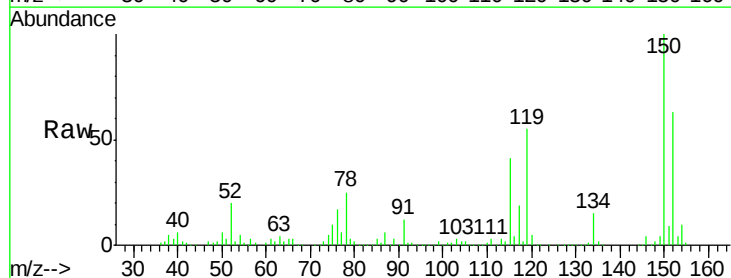
Tgt Ion:152 Resp: 157265

Ion Ratio Lower Upper

152 100

115 83.0 39.8 119.3

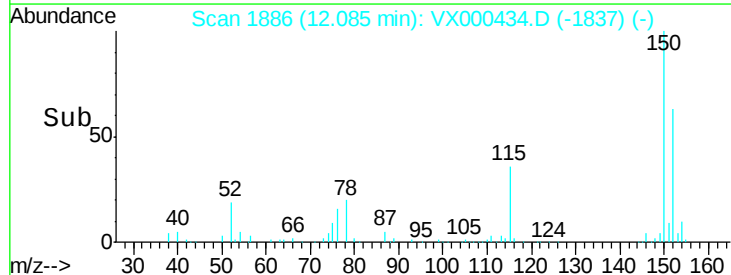
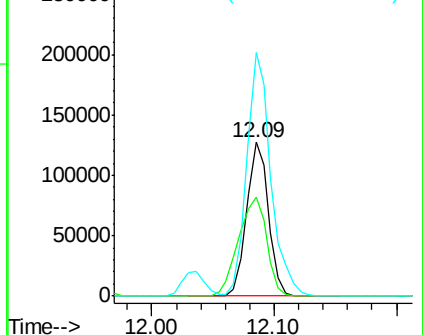
150 175.4 0.0 344.4

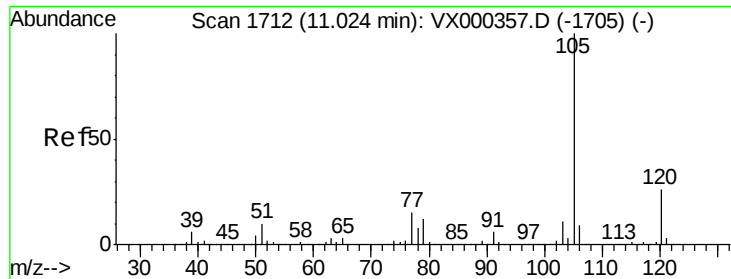


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.082 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

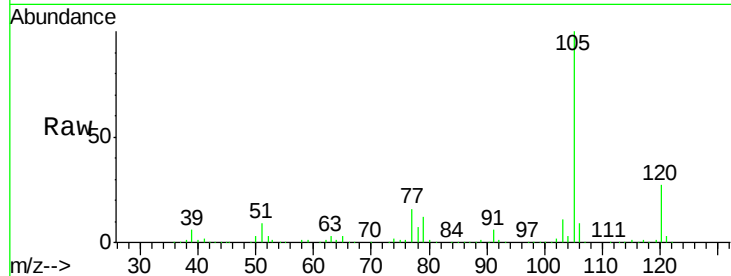
ClientSampleId :

Tot Ion:105 Resp: 511421

Ion Ratio Lower Upper

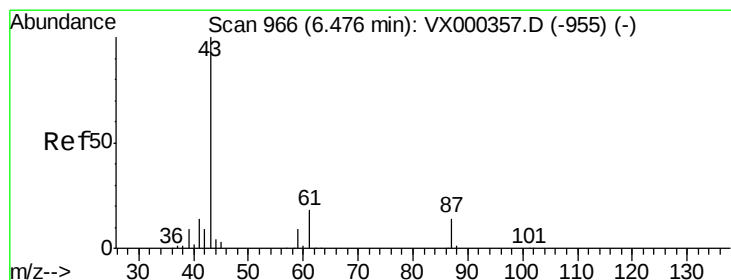
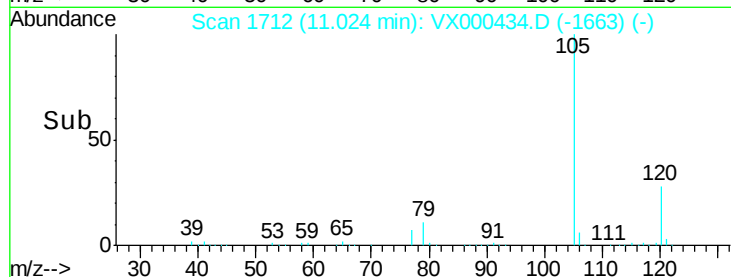
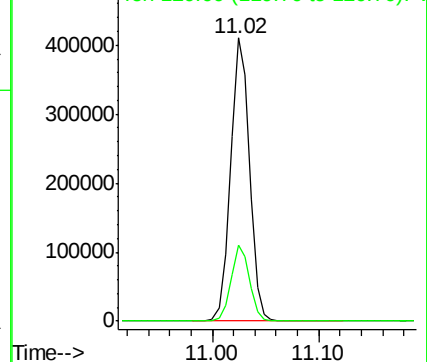
105 100

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



#74

N-ethyl acetate

Concen: 52.309 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Tgt Ion: 43 Resp: 236887

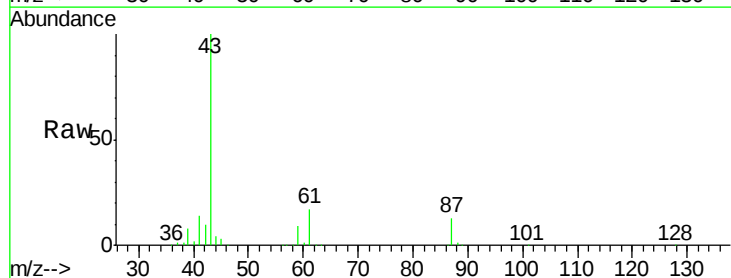
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.2 14.4 21.6

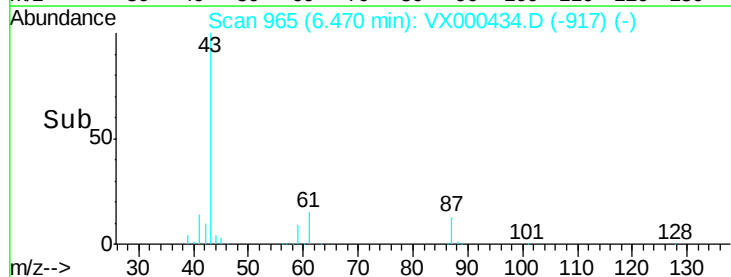
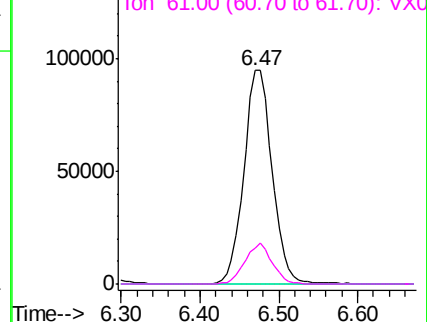


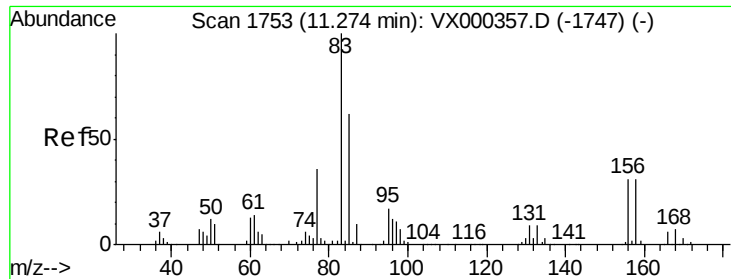
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.755 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

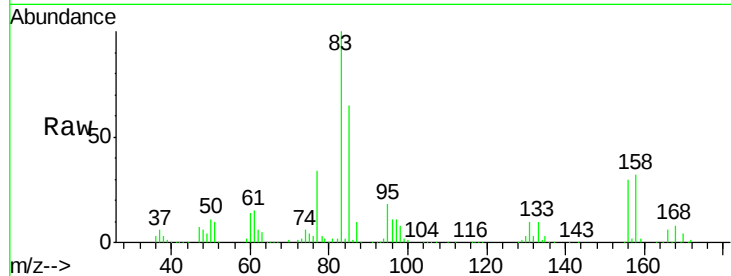
Tot Ion: 83 Resp: 179685

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

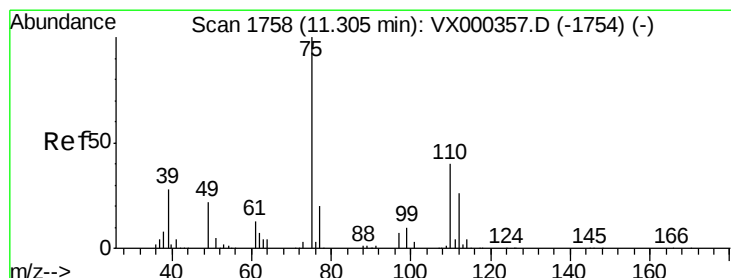
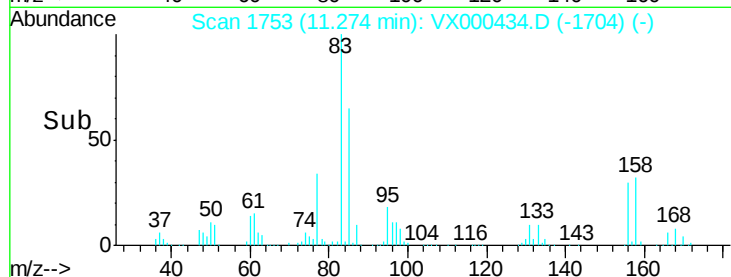
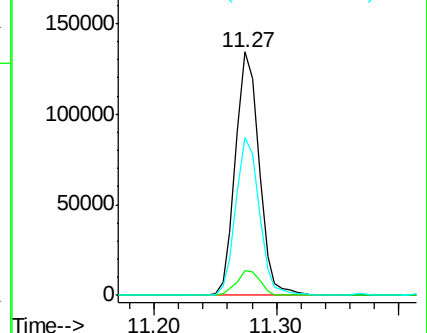
85 64.6 32.5 97.5



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: 61.720 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000434.D

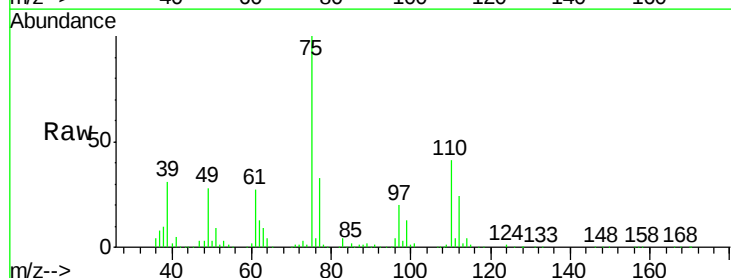
Acq: 26 Mar 2018 11:07

Tgt Ion: 75 Resp: 208601

Ion Ratio Lower Upper

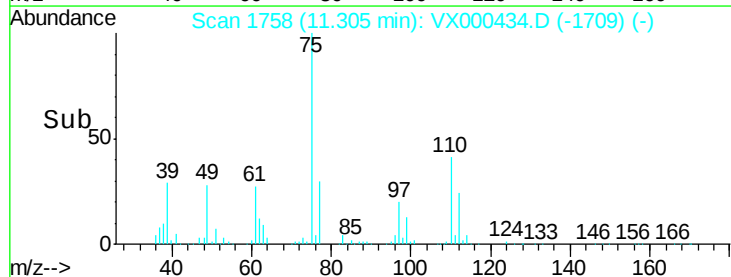
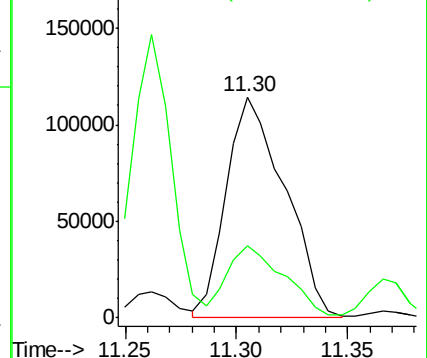
75 100

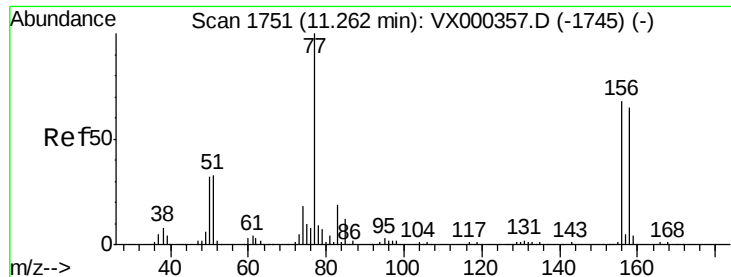
77 32.1 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.693 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

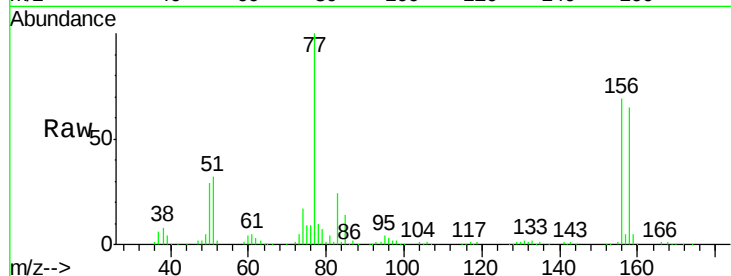
Tot Ion:156 Resp: 124059

Ion Ratio Lower Upper

156 100

77 147.7 73.4 220.2

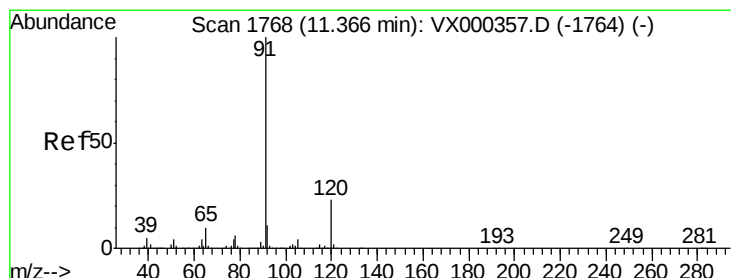
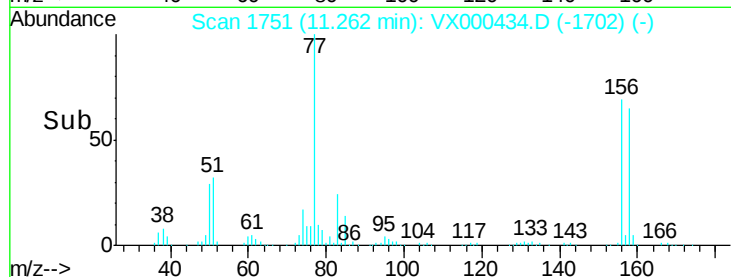
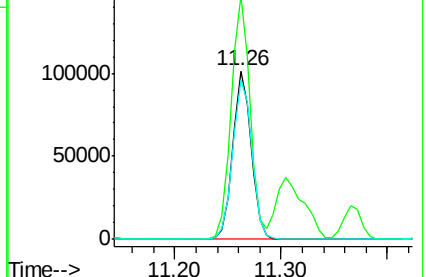
158 98.6 48.5 145.6



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: 48.690 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000434.D

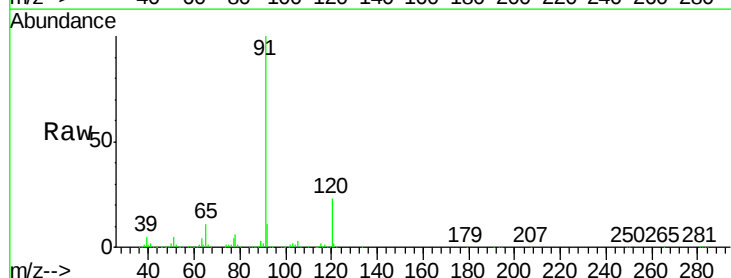
Acq: 26 Mar 2018 11:07

Tgt Ion: 91 Resp: 604951

Ion Ratio Lower Upper

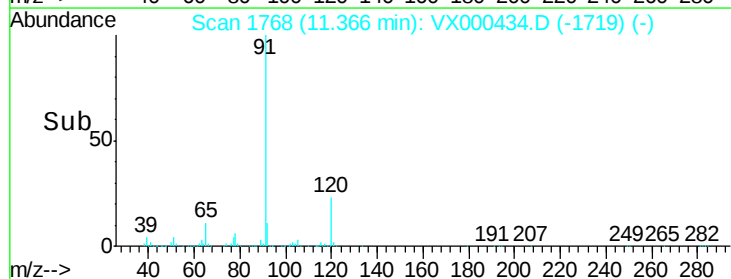
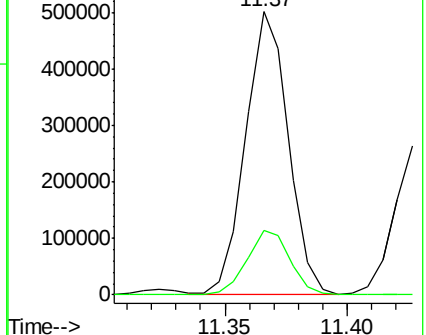
91 100

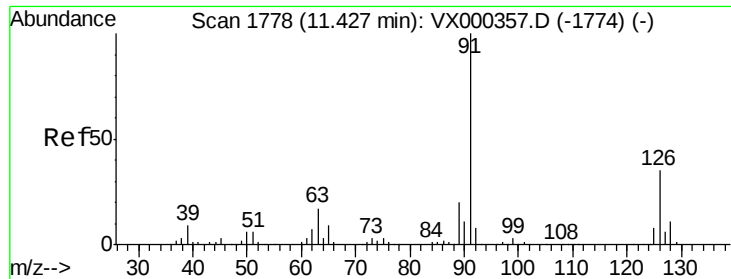
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.455 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

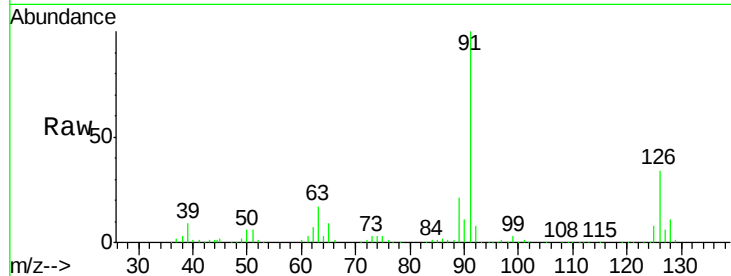
ClientSampled :

Tot Ion: 91 Resp: 340612

Ion Ratio Lower Upper

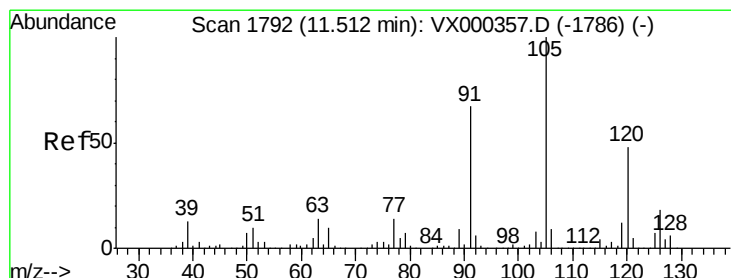
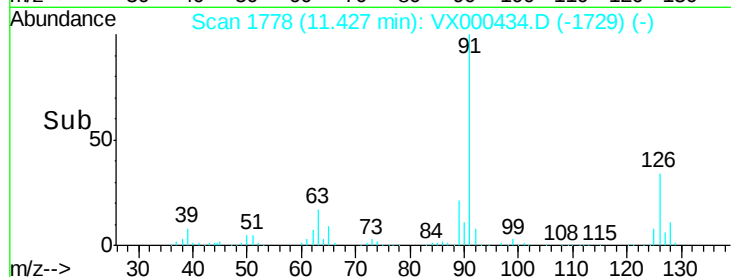
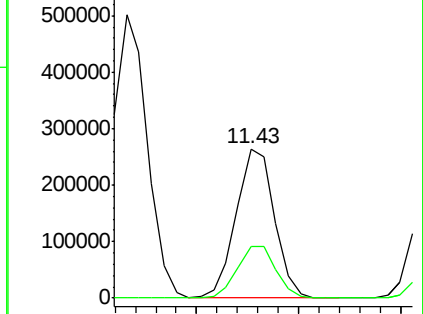
91 100

126 35.6 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX000434.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000434.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.388 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000434.D

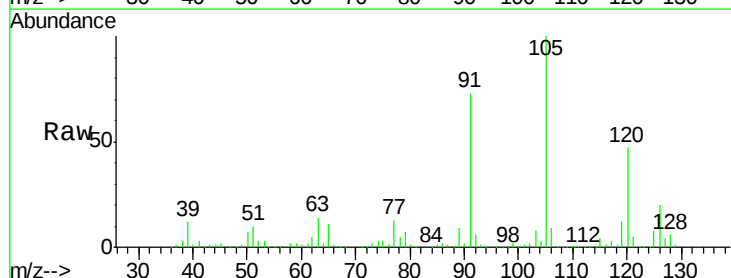
Acq: 26 Mar 2018 11:07

Tgt Ion: 105 Resp: 450229

Ion Ratio Lower Upper

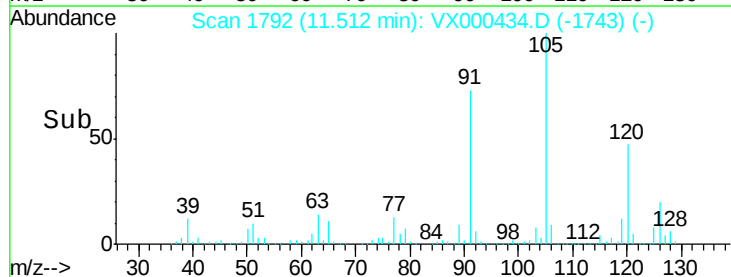
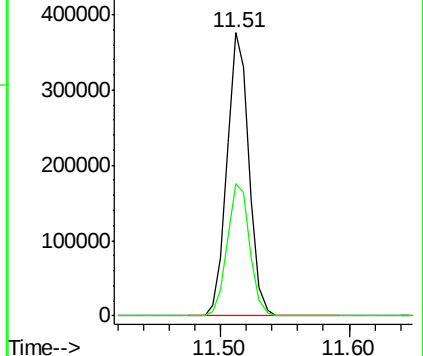
105 100

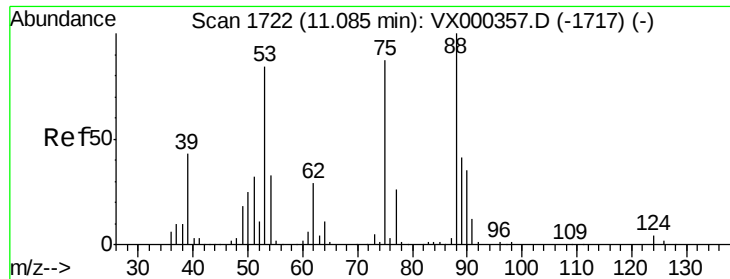
120 48.1 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000434.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX000434.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.894 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampled :

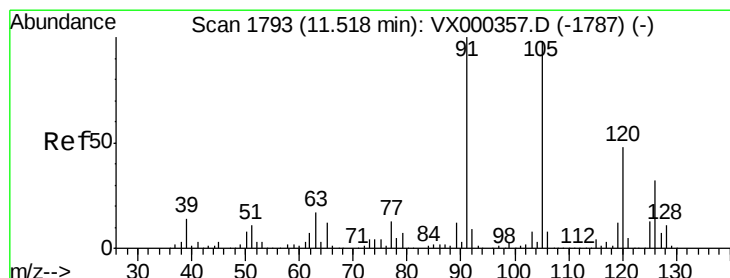
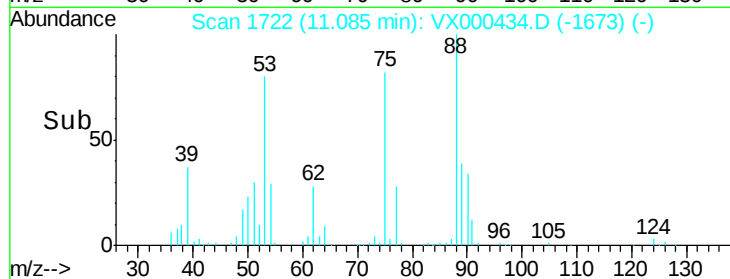
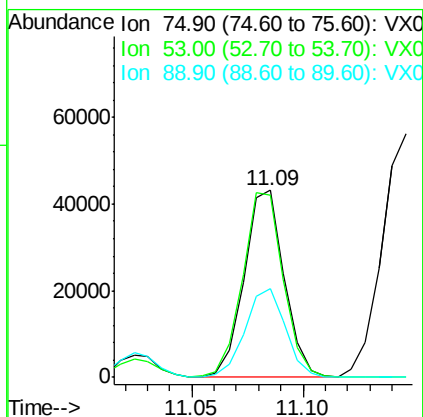
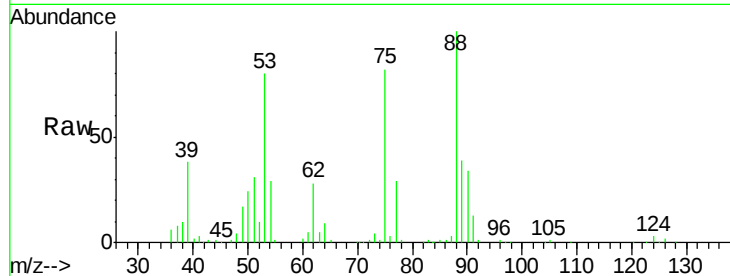
Tot Ion: 75 Resp: 54174

Ion Ratio Lower Upper

75 100

53 100.8 80.7 121.1

89 47.9 39.4 59.0



#82

4-Chlorotoluene

Concen: 49.733 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000434.D

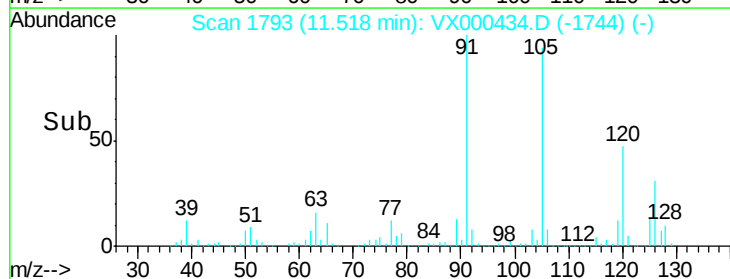
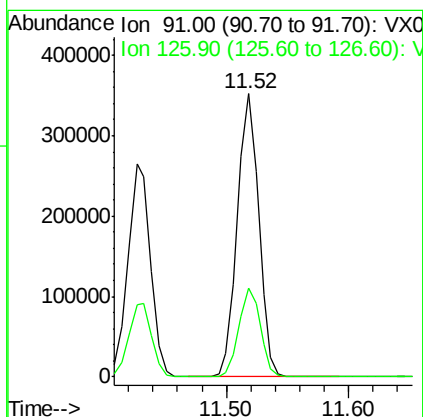
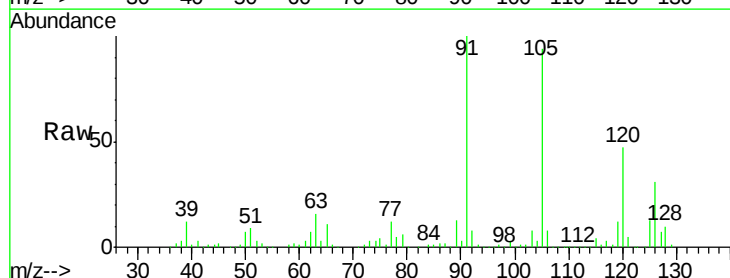
Acq: 26 Mar 2018 11:07

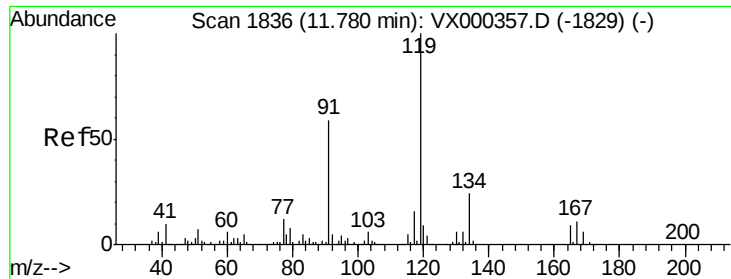
Tgt Ion: 91 Resp: 426212

Ion Ratio Lower Upper

91 100

126 31.3 15.4 46.1

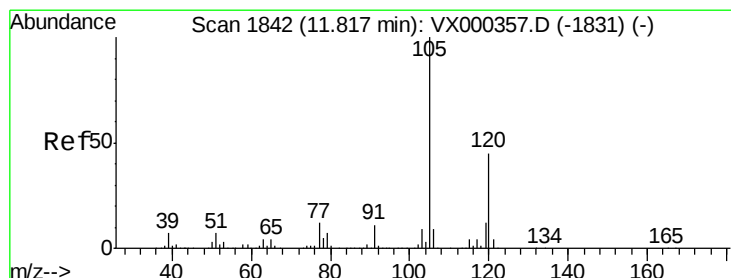
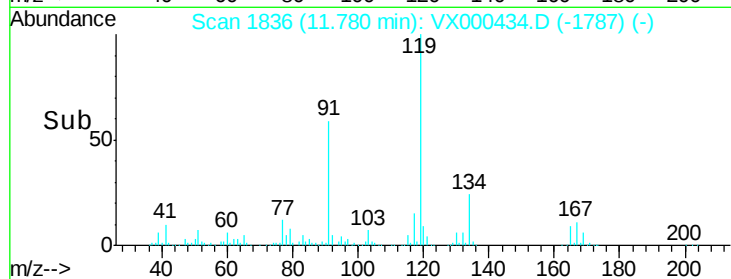
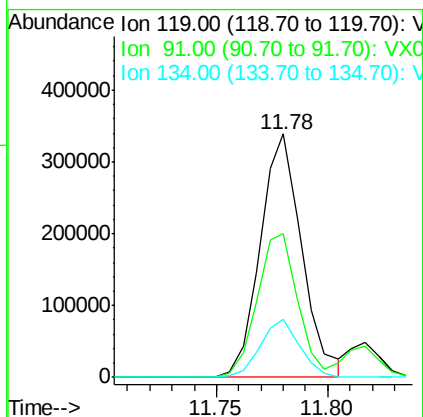
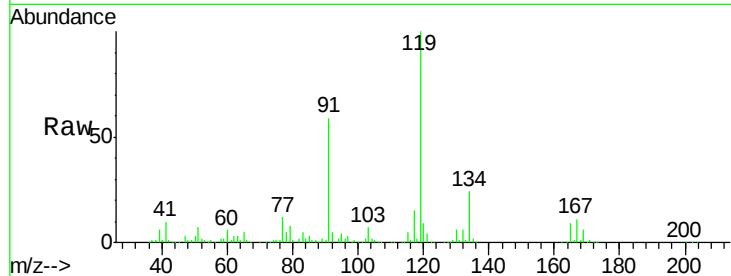




#83
tert-Butylbenzene
Concen: 49.774 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

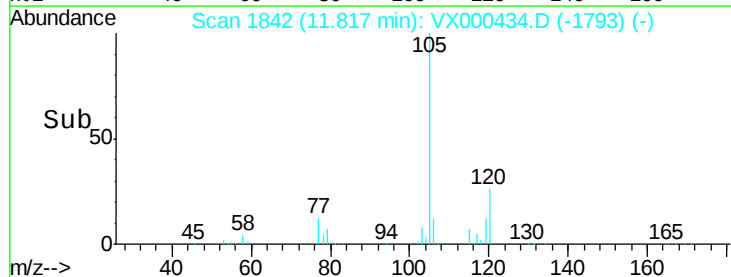
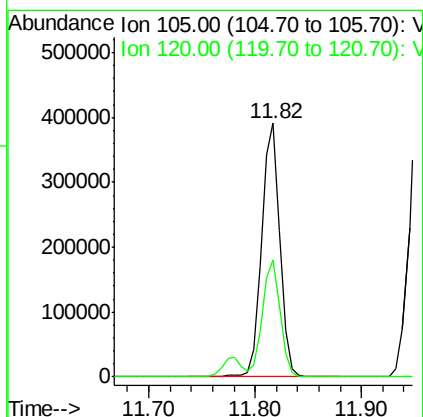
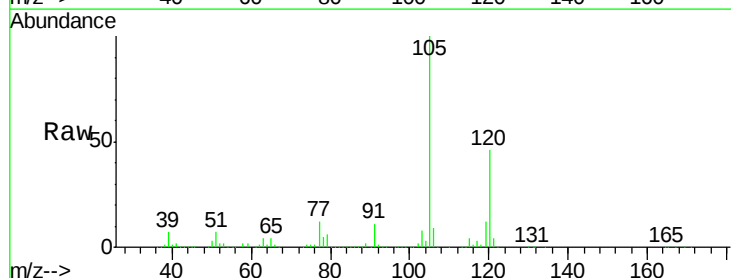
Instrument :
MSVOA_X
ClientSampled :

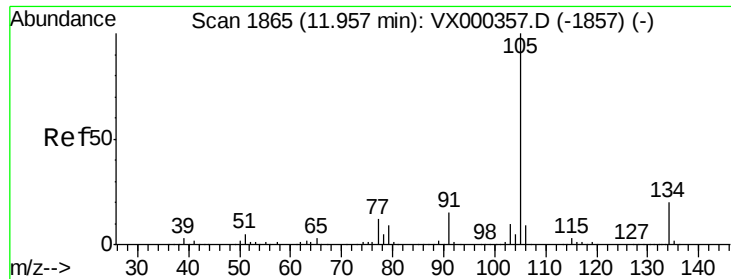
Tot Ion:119 Resp: 439811
Ion Ratio Lower Upper
119 100
91 57.5 28.8 86.4
134 22.5 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 50.763 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion:105 Resp: 466295
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.3





#85

sec-Butylbenzene

Concen: 51.495 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

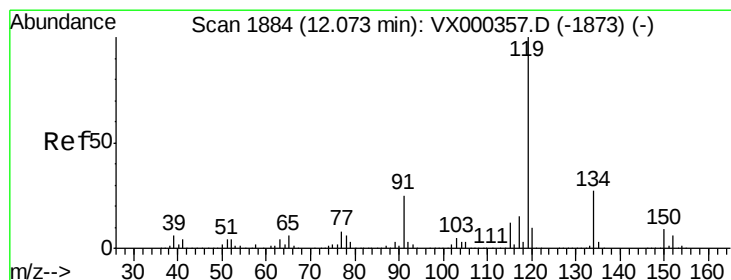
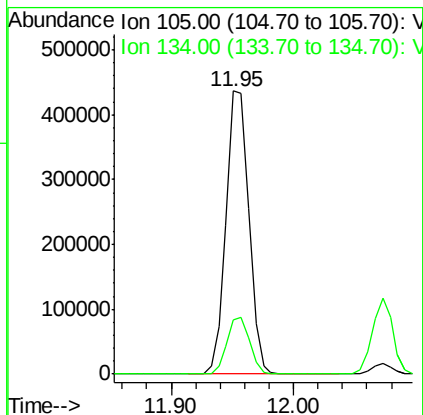
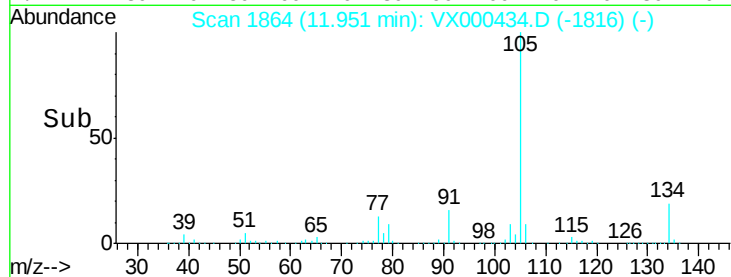
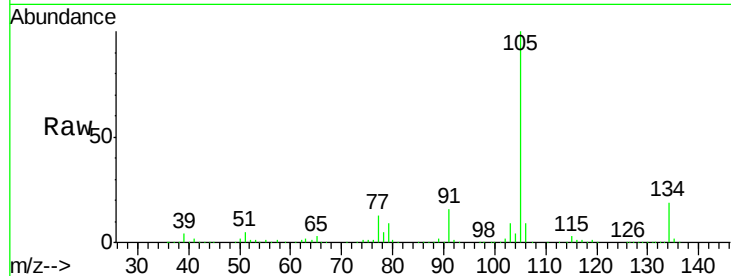
ClientSampleId :

Tot Ion:105 Resp: 563019

Ion Ratio Lower Upper

105 100

134 20.0 10.3 30.8



#86

p-Isopropyltoluene

Concen: 52.640 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

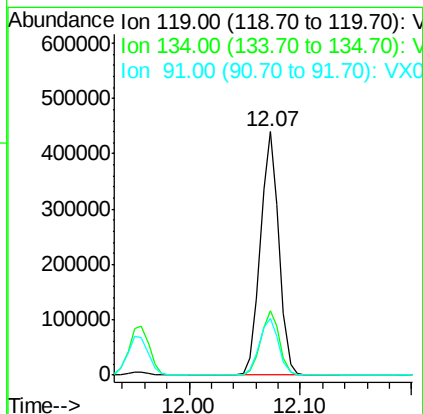
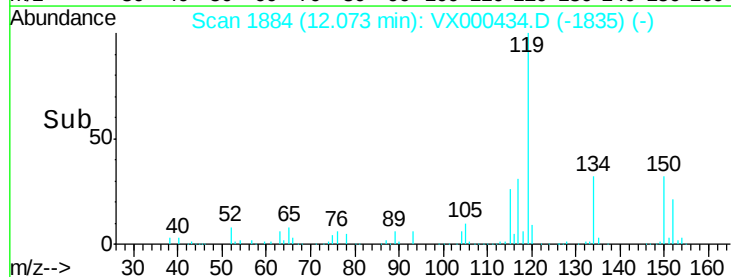
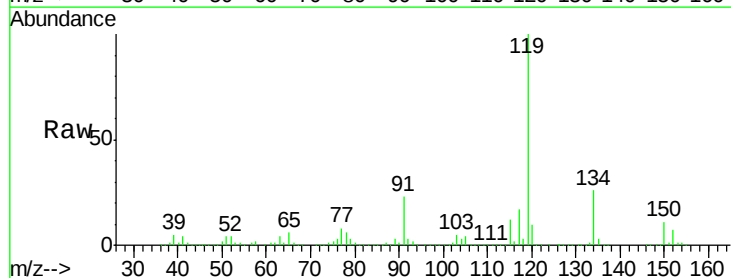
Tgt Ion:119 Resp: 511138

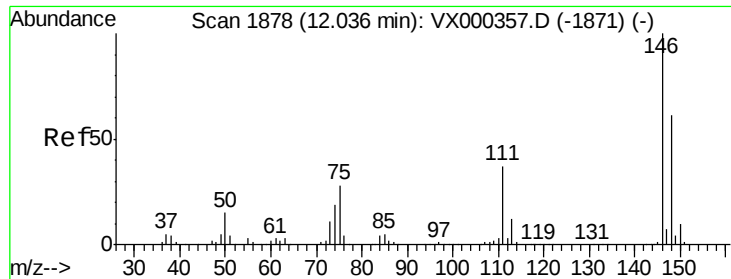
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 24.1 12.0 36.1

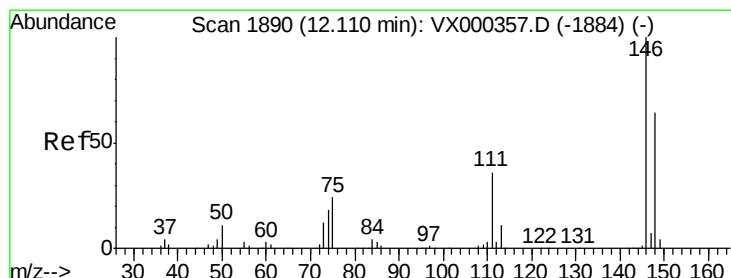
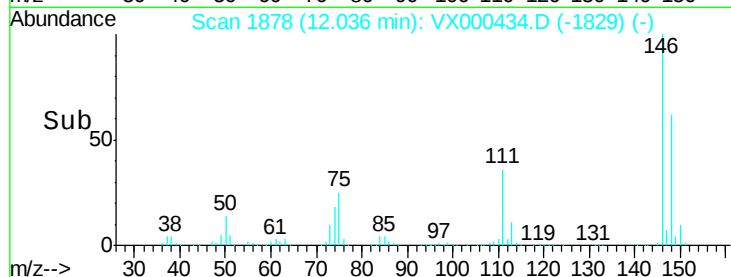
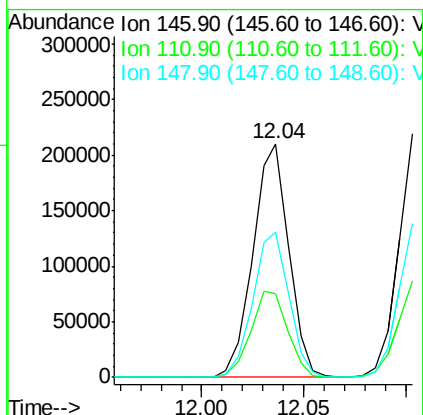
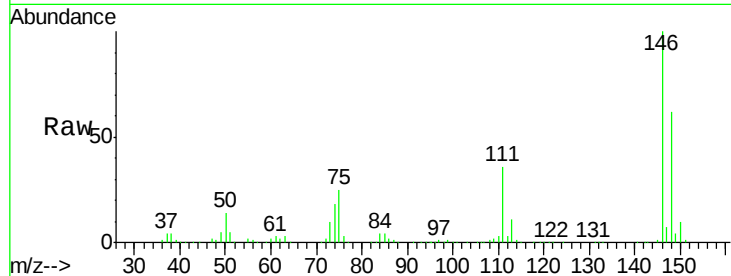




#87
 1,3-Dichlorobenzene
 Concen: 48.918 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

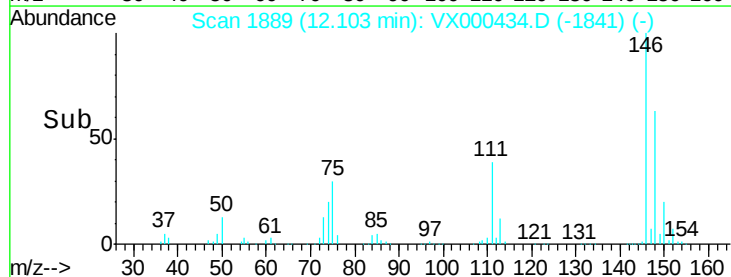
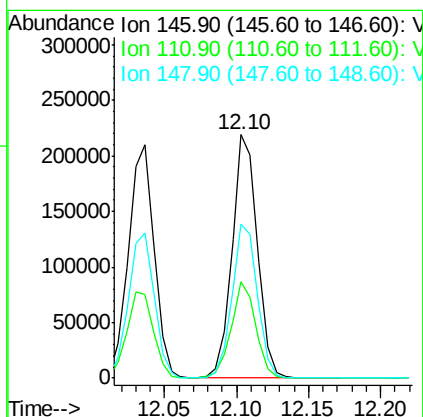
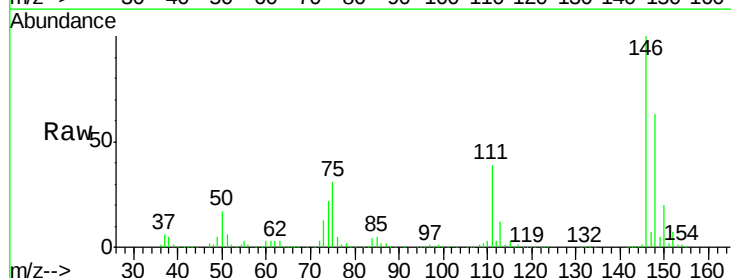
Instrument :
 MSVOA_X
 ClientSampled :

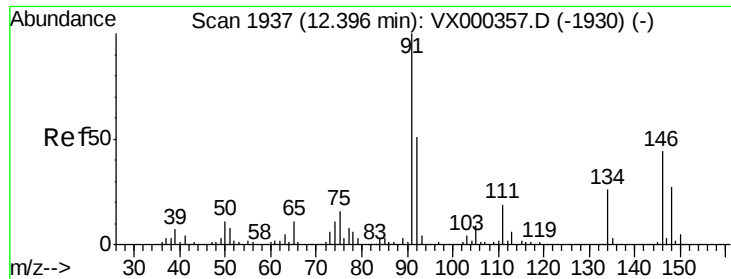
Tot Ion:146 Resp: 256744
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.5 58.5
 148 62.8 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 48.747 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion:146 Resp: 268611
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.9 56.9
 148 63.8 31.0 93.0

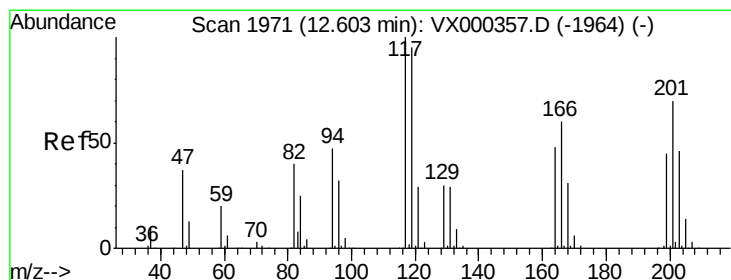
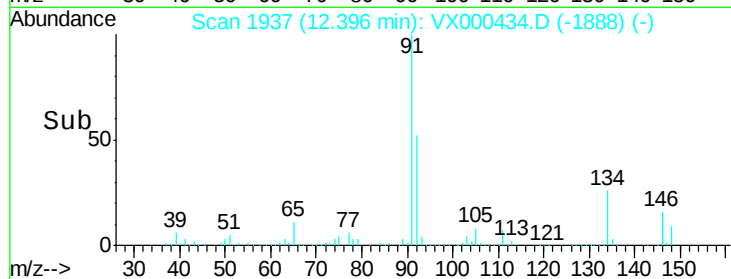
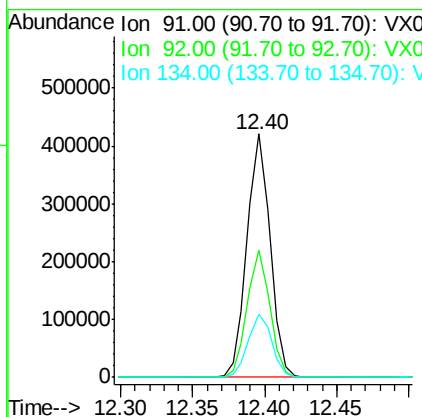
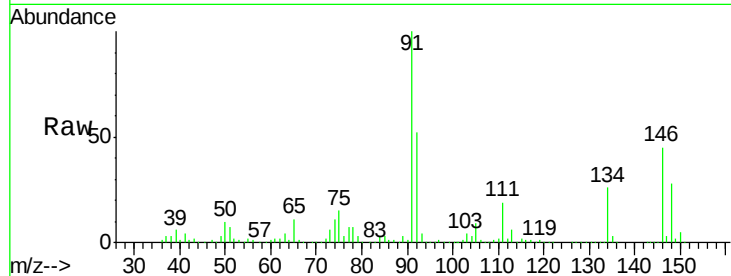




#89
n-Butylbenzene
Concen: 51.643 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

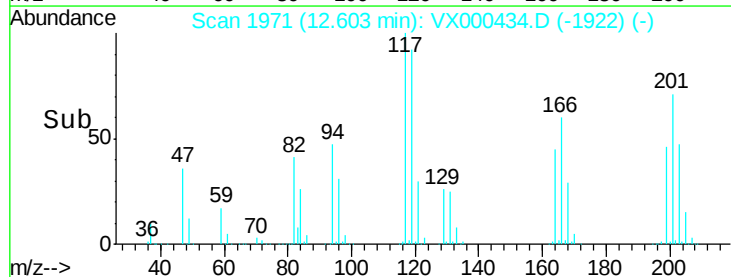
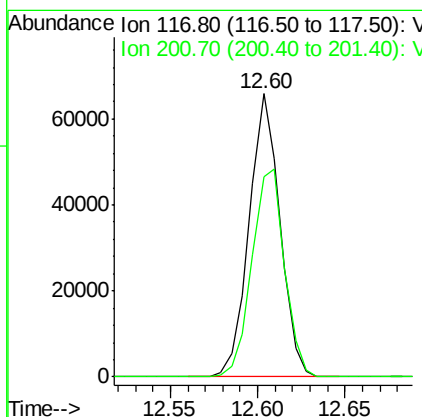
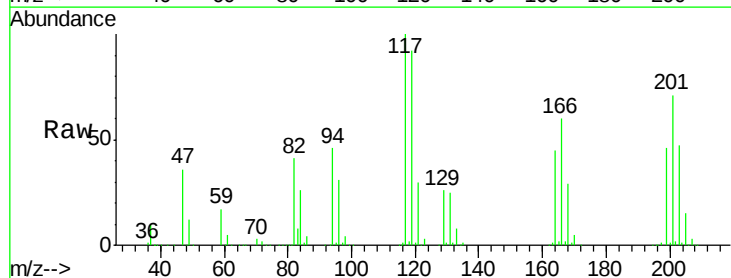
Instrument :
MSVOA_X
ClientSampleId :

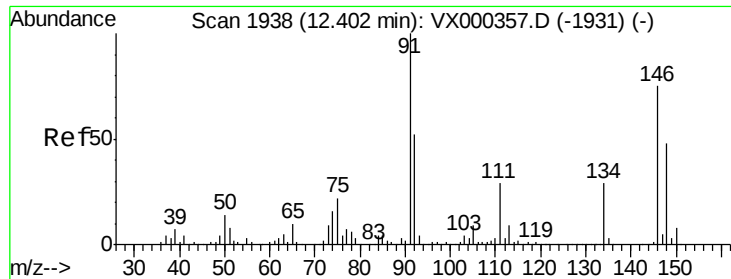
Tot Ion: 91 Resp: 466903
Ion Ratio Lower Upper
91 100
92 51.4 25.9 77.8
134 26.5 13.1 39.3



#90
Hexachloroethane
Concen: 52.788 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion: 117 Resp: 80680
Ion Ratio Lower Upper
117 100
201 77.7 37.9 113.6

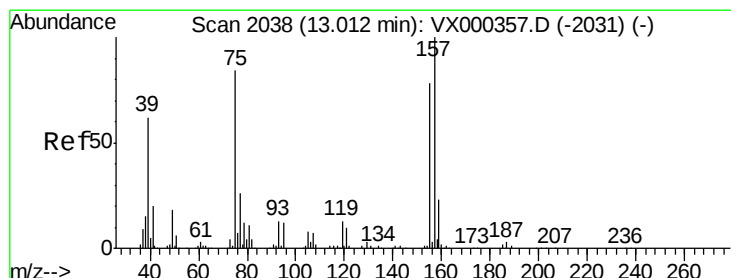
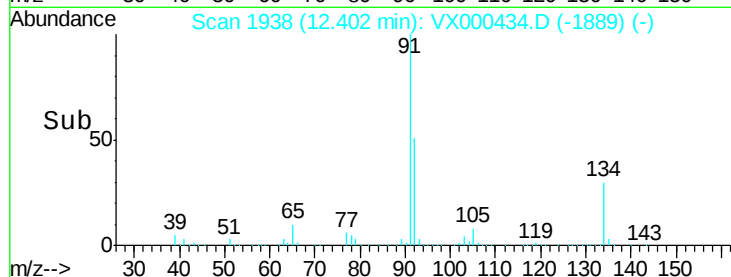
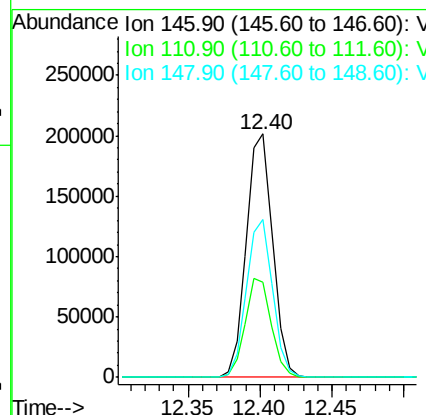
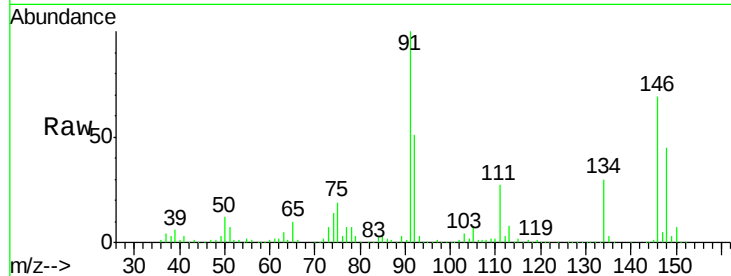




#91
 1,2-Dichlorobenzene
 Concen: 49.744 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

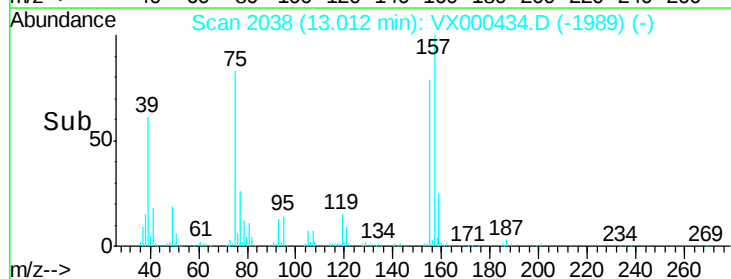
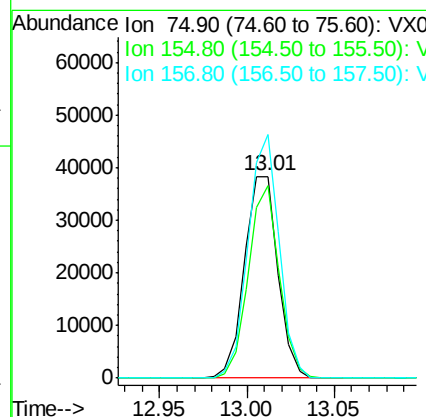
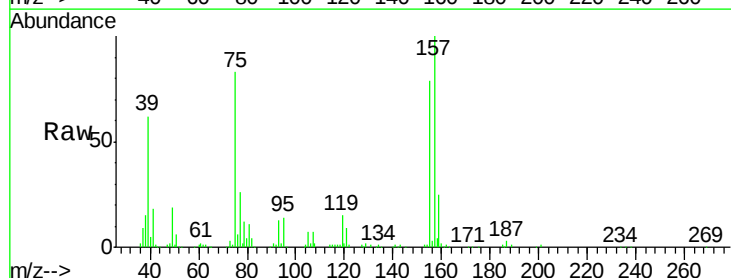
Instrument :
 MSVOA_X
 ClientSampled :

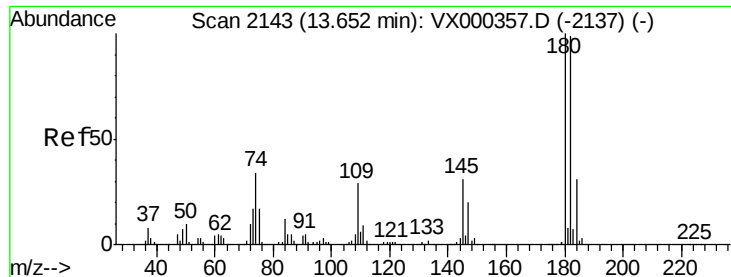
Tot Ion:146 Resp: 255960
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.2
 148 63.9 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.399 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion: 75 Resp: 50775
 Ion Ratio Lower Upper
 75 100
 155 88.5 45.0 134.8
 157 112.0 58.1 174.2

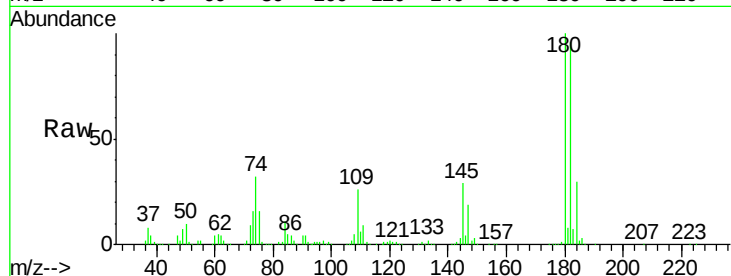




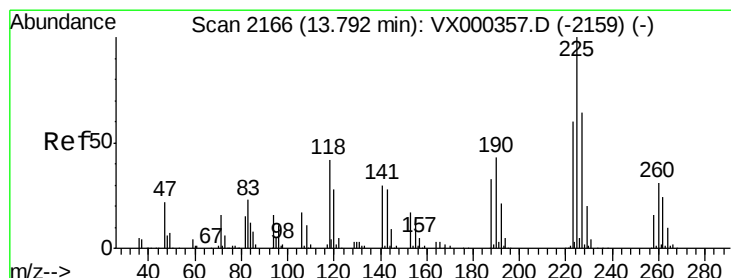
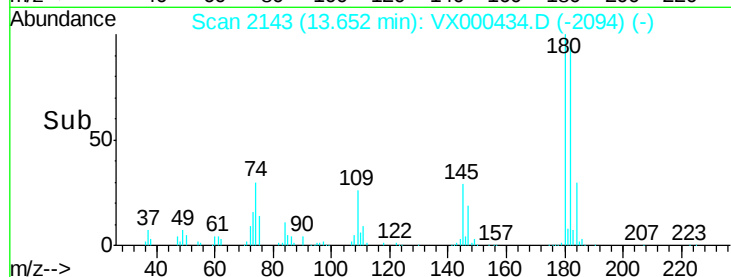
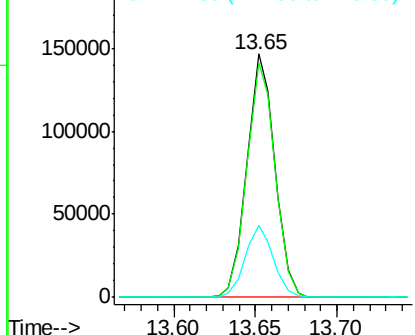
#93
 1,2,4-Trichlorobenzene
 Concen: 47.460 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.6	142.9
145	29.4	15.1	45.3

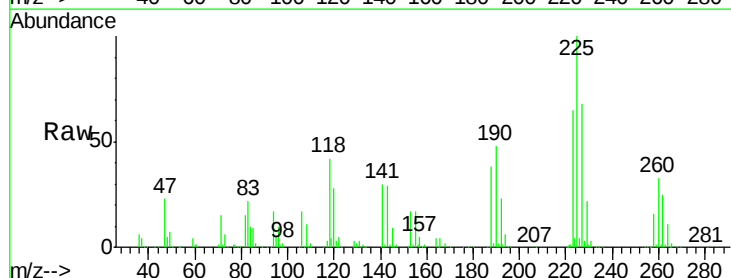


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

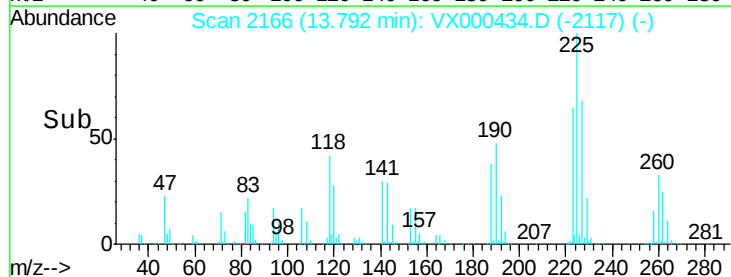
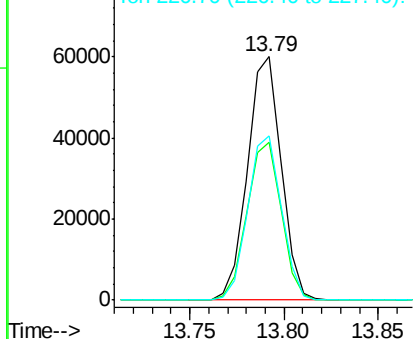


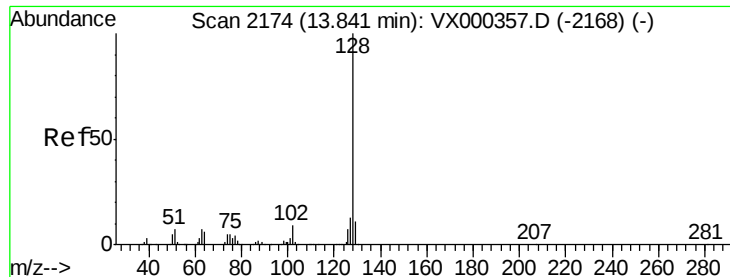
#94
 Hexachlorobutadiene
 Concen: 48.819 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.1	32.0	96.0
227	67.6	32.6	98.0



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





#95

Naphthalene

Concen: 49.176 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

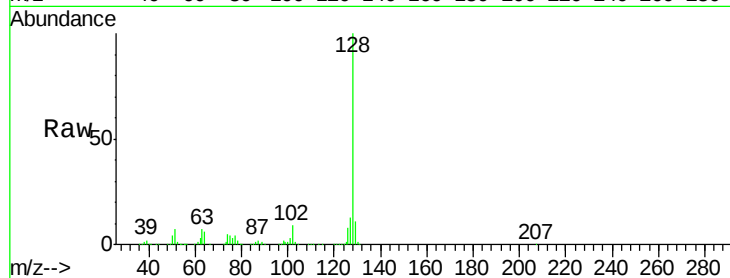
Tot Ion:128 Resp: 631910

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

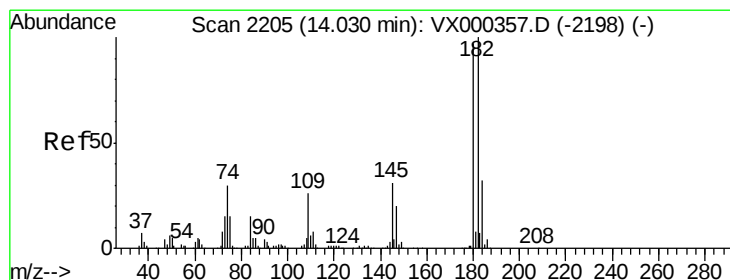
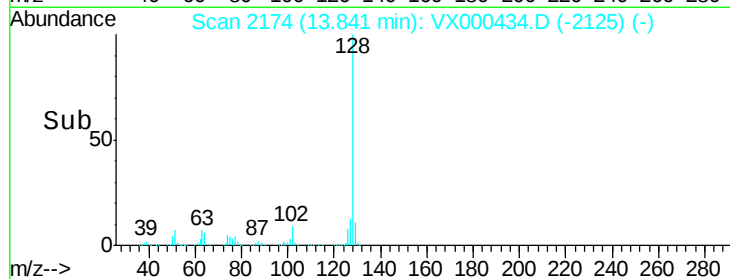
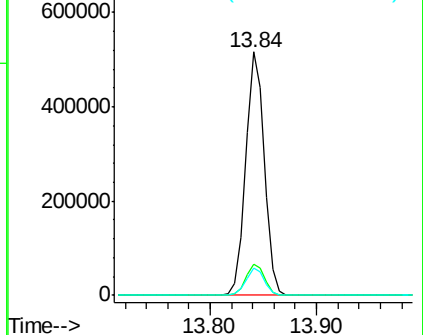
129 11.0 8.9 13.3



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: 49.315 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

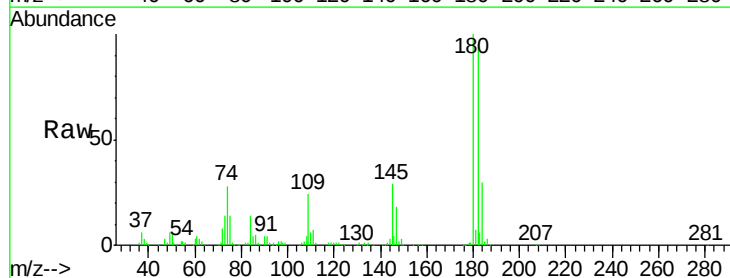
Tgt Ion:180 Resp: 179755

Ion Ratio Lower Upper

180 100

182 94.4 47.4 142.3

145 31.5 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

