

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042618\
 Data File : VX001143.D
 Acq On : 26 Apr 2018 22:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 27 07:20:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198689	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	161952	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
35) Dibromofluoromethane	5.51	113	129004	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	8.72	98	479463	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.14	95	189676	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	116984	49.630	ug/l	97
3) Chloromethane	1.32	50	118202	47.884	ug/l	100
4) Vinyl Chloride	1.40	62	129098	49.291	ug/l	100
5) Bromomethane	1.64	94	87041	54.542	ug/l	100
6) Chloroethane	1.72	64	82339	49.948	ug/l	99
7) Trichlorofluoromethane	1.93	101	210876	49.855	ug/l	100
8) Diethyl Ether	2.19	74	79403	48.823	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	114206	49.004	ug/l	99
10) Methyl Iodide	2.51	142	115222	47.908	ug/l	99
11) Tert butyl alcohol	3.09	59	168639	245.455	ug/l	99
12) 1,1-Dichloroethene	2.37	96	110948	48.814	ug/l	99
13) Acrolein	2.30	56	61044	235.028	ug/l	99
14) Allyl chloride	2.73	41	209659	50.567	ug/l	100
15) Acrylonitrile	3.16	53	352787	240.458	ug/l	100
16) Acetone	2.45	43	325021	226.857	ug/l	98
17) Carbon Disulfide	2.57	76	290868	50.156	ug/l	99
18) Methyl Acetate	2.79	43	178572	49.809	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	413269	49.394	ug/l	98
20) Methylene Chloride	2.86	84	126890	47.554	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	121123	48.209	ug/l	99
22) Diisopropyl ether	3.88	45	413593	49.855	ug/l	98
23) Vinyl Acetate	3.84	43	1813117	257.624	ug/l	100
24) 1,1-Dichloroethane	3.70	63	211473	48.502	ug/l	99
25) 2-Butanone	4.72	43	509530	237.685	ug/l	99
26) 2,2-Dichloropropane	4.59	77	159620	46.510	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	135772	49.355	ug/l	99
28) Bromochloromethane	5.03	49	101881	52.114	ug/l	99
29) Tetrahydrofuran	5.18	42	328666	238.455	ug/l	100
30) Chloroform	5.23	83	234246	50.521	ug/l	98
31) Cyclohexane	5.58	56	187358	50.578	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	205235	51.277	ug/l	99
36) 1,1-Dichloropropene	5.81	75	166994	49.288	ug/l	99
37) Ethyl Acetate	4.88	43	199945	49.279	ug/l	99
38) Carbon Tetrachloride	5.79	117	179695	51.723	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	190789	50.880	ug/l	97
40) Benzene	6.15	78	503223	51.343	ug/l	99
41) Methacrylonitrile	5.07	41	113061	49.591	ug/l	99
42) 1,2-Dichloroethane	6.21	62	200106	50.666	ug/l	99
43) Isopropyl Acetate	6.48	43	327333	51.369	ug/l	100
44) Trichloroethene	7.22	130	146271	50.095	ug/l	100
45) 1,2-Dichloropropane	7.52	63	131558	51.034	ug/l	100
46) Dibromomethane	7.67	93	92262	51.685	ug/l	99
47) Bromodichloromethane	7.91	83	172840	53.290	ug/l	98
48) Methyl methacrylate	7.79	41	174609	51.551	ug/l	99
49) 1,4-Dioxane	7.77	88	67240	991.563	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1067462	255.023	ug/l	99
52) Toluene	8.79	92	328836	51.306	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	202069	53.592	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	192388	47.191	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	136099	50.190	ug/l	99
56) Ethyl methacrylate	9.19	69	211485	52.638	ug/l	100
57) 1,3-Dichloropropane	9.38	76	223749	51.005	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	489353	257.640	ug/l	99
59) 2-Hexanone	9.51	43	827392	252.283	ug/l	100
60) Dibromochloromethane	9.59	129	150077	47.555	ug/l	100
61) 1,2-Dibromoethane	9.68	107	149310	52.557	ug/l	100
64) Tetrachloroethene	9.34	164	154307	48.993	ug/l	98
65) Chlorobenzene	10.15	112	386474	49.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	143016	53.471	ug/l	99
67) Ethyl Benzene	10.26	91	639985	50.953	ug/l	100
68) m/p-Xylenes	10.37	106	506237	101.949	ug/l	100
69) o-Xylene	10.71	106	248509	51.598	ug/l	100
70) Styrene	10.72	104	416044	51.906	ug/l	100
71) Bromoform	10.87	173	125604	45.174	ug/l #	99
73) Isopropylbenzene	11.02	105	654478	50.538	ug/l	100
74) N-amyl acetate	6.48	43	327333	50.161	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	214251	49.863	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	201596m	49.828	ug/l	
77) Bromobenzene	11.26	156	192917	50.235	ug/l	100
78) n-propylbenzene	11.37	91	741781	51.368	ug/l	100
79) 2-Chlorotoluene	11.43	91	450203	50.293	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	564455	51.480	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	54862	43.824	ug/l	100
82) 4-Chlorotoluene	11.52	91	538921	50.651	ug/l	100
83) tert-Butylbenzene	11.77	119	566185	51.744	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	583861	51.807	ug/l	99
85) sec-Butylbenzene	11.95	105	661362	51.741	ug/l	100
86) p-Isopropyltoluene	12.07	119	608209	51.151	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	341784	49.574	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	354775	49.389	ug/l	99
89) n-Butylbenzene	12.40	91	525532	51.066	ug/l	100
90) Hexachloroethane	12.60	117	91313	47.751	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	350323	50.274	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49141	51.823	ug/l	98

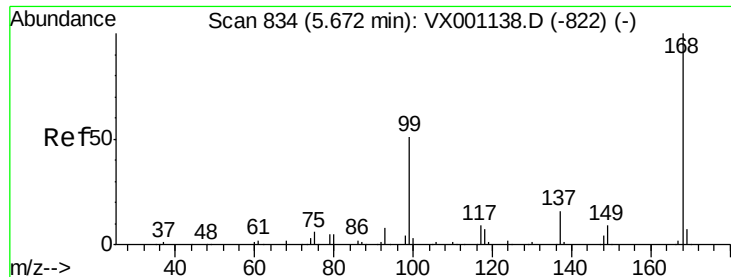
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	269118	49.265	ug/l	100
94) Hexachlorobutadiene	13.79	225	125284	48.790	ug/l	100
95) Naphthalene	13.84	128	784219	51.525	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	269716	49.616	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

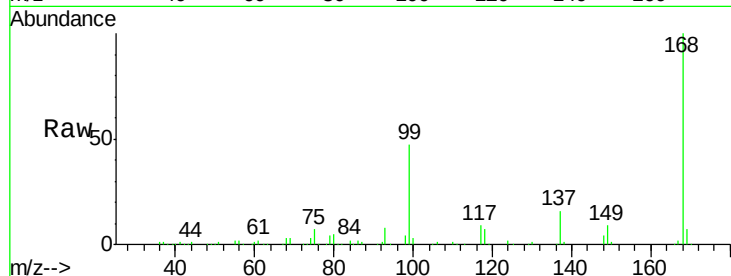
ClientSampleId :

Tot Ion:168 Resp: 224757

Ion Ratio Lower Upper

168 100

99 47.0 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

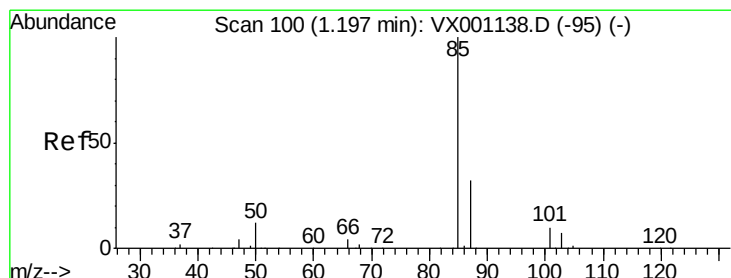
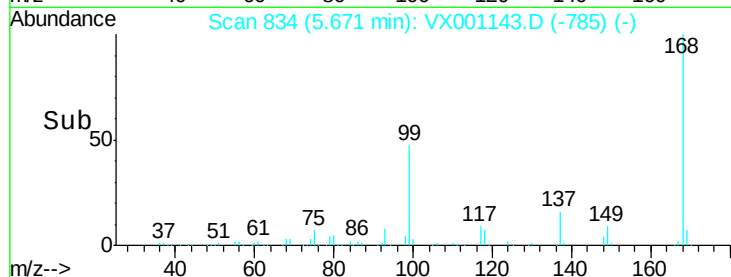
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.630 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001143.D

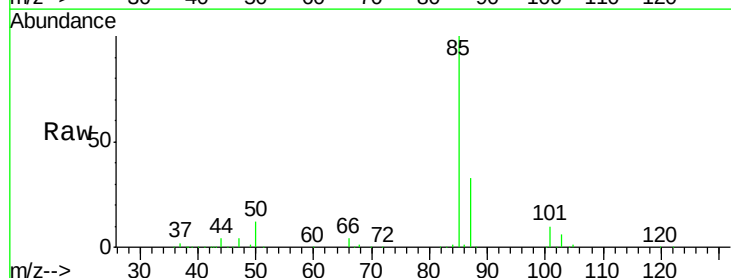
Acq: 26 Apr 2018 22:11

Tgt Ion: 85 Resp: 116984

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

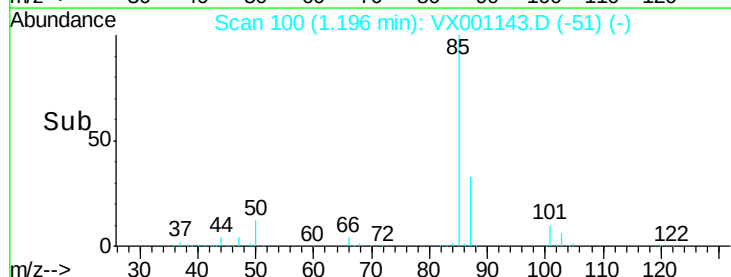
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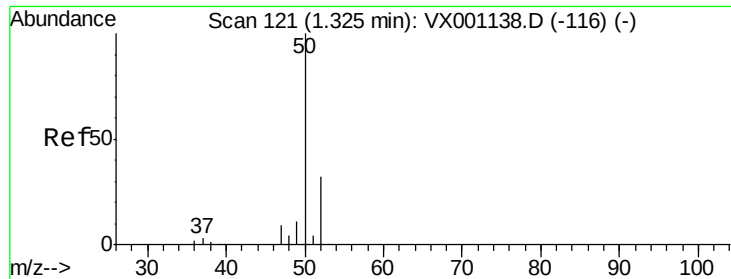
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0

1.10 1.15 1.20 1.25 1.30

Time-->

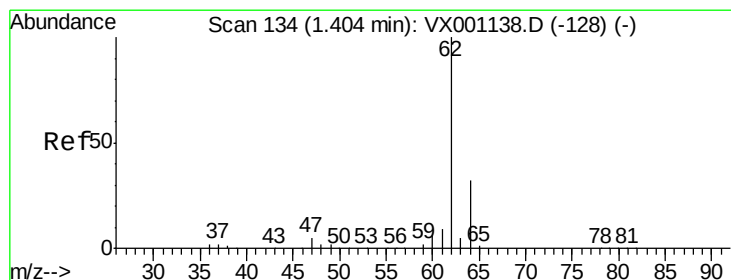
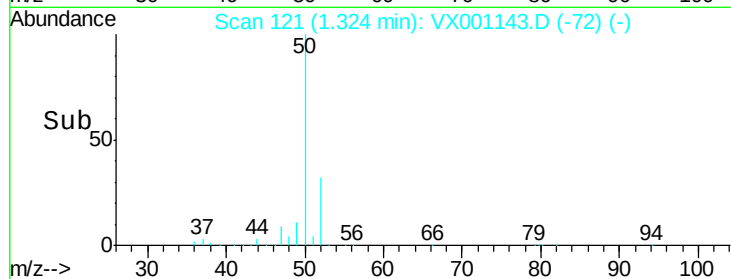
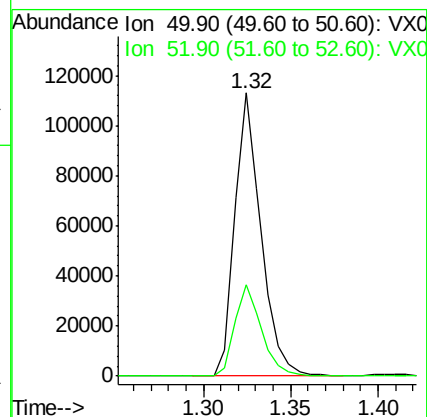
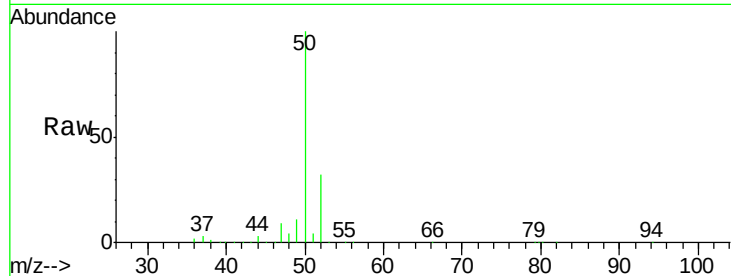




#3
Chloromethane
Concen: 47.884 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

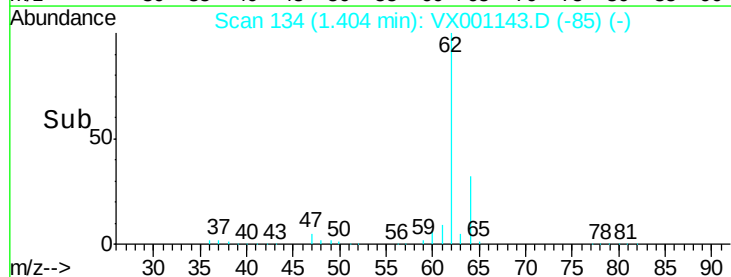
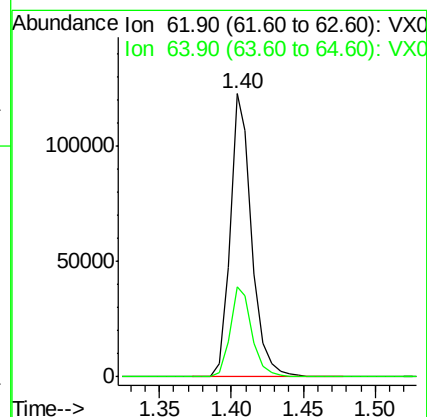
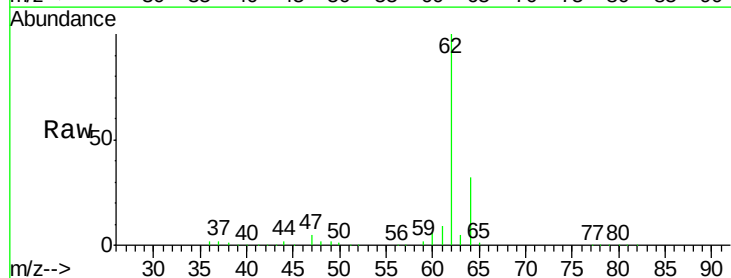
Instrument :
MSVOA_X
ClientSampleId :

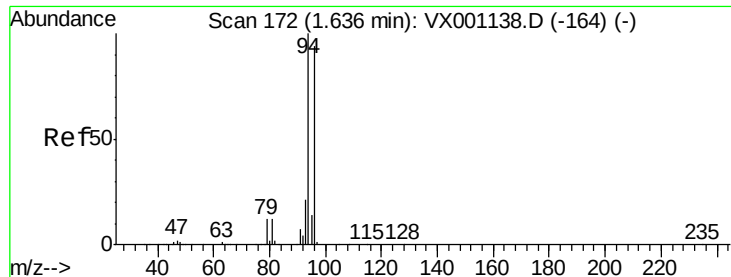
Tot Ion: 50 Resp: 118202
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9



#4
Vinyl Chloride
Concen: 49.291 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 62 Resp: 129098
Ion Ratio Lower Upper
62 100
64 31.8 25.6 38.4





#5

Bromomethane

Concen: 54.542 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

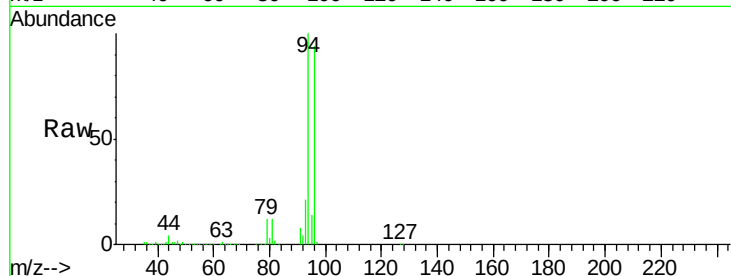
ClientSampleId :

Tot Ion: 94 Resp: 87041

Ion Ratio Lower Upper

94 100

96 94.3 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

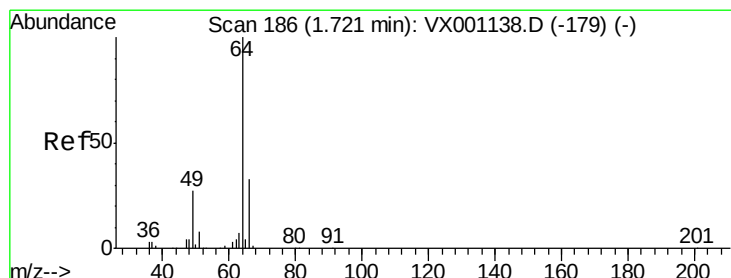
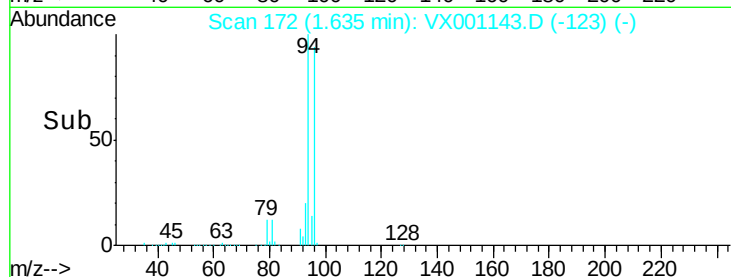
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 49.948 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001143.D

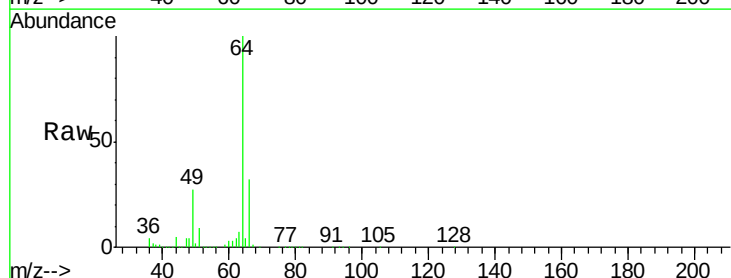
Acq: 26 Apr 2018 22:11

Tgt Ion: 64 Resp: 82339

Ion Ratio Lower Upper

64 100

66 32.1 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

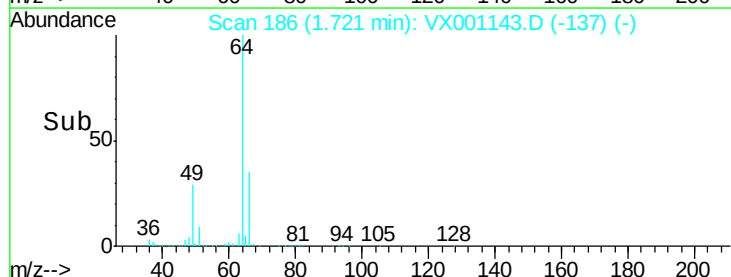
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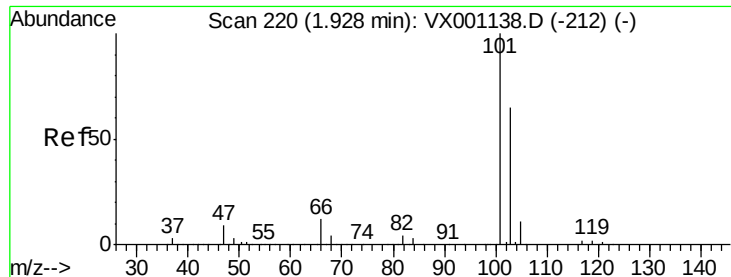
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20000

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Time-->



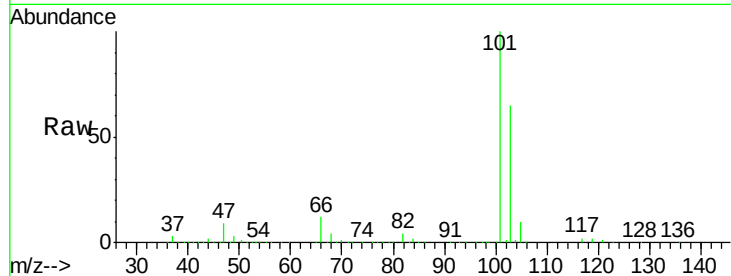


#7

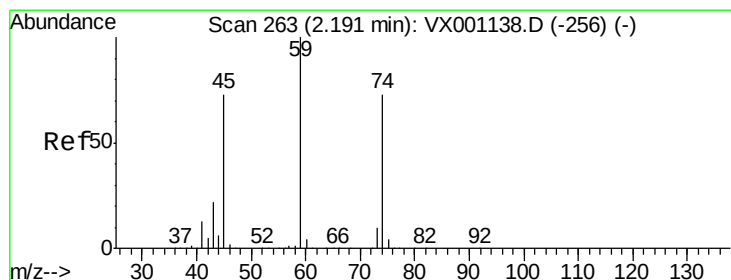
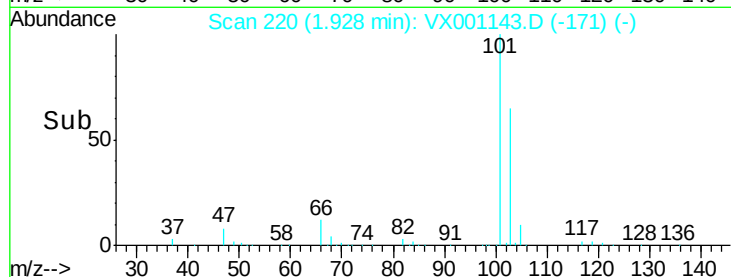
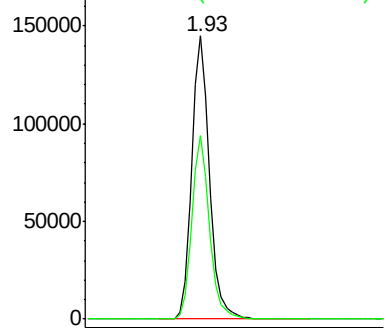
Trichlorofluoromethane
Concen: 49.855 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 210876
Ion Ratio Lower Upper
101 100
103 64.8 51.9 77.9



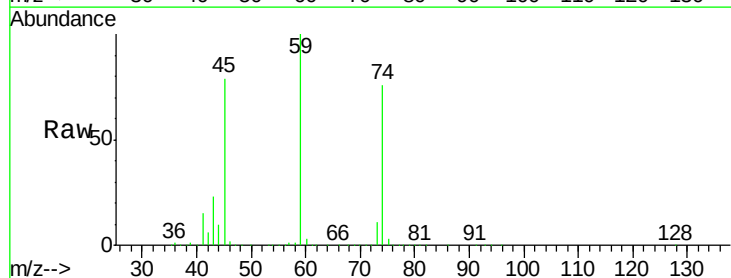
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



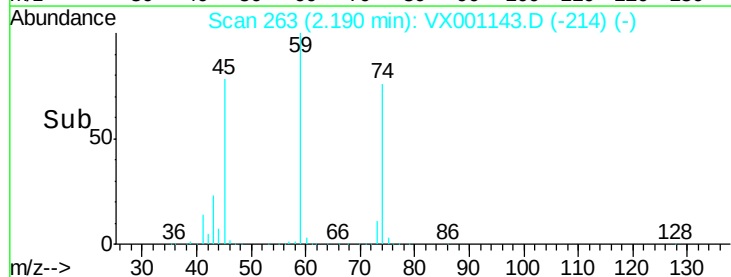
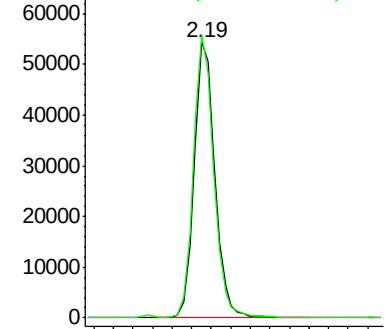
#8

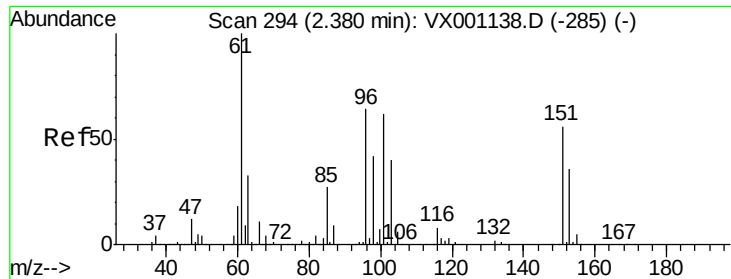
Diethyl Ether
Concen: 48.823 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 74 Resp: 79403
Ion Ratio Lower Upper
74 100
45 99.7 49.5 148.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.004 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

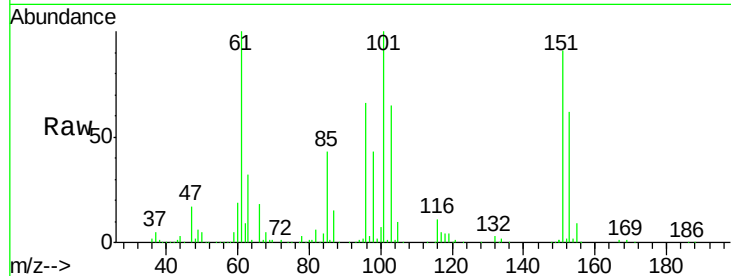
Tot Ion:101 Resp: 114206

Ion Ratio Lower Upper

101 100

85 44.1 35.4 53.0

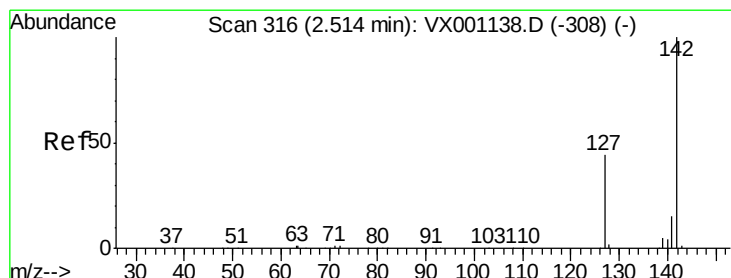
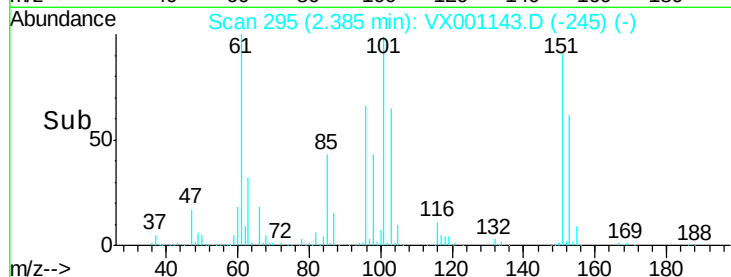
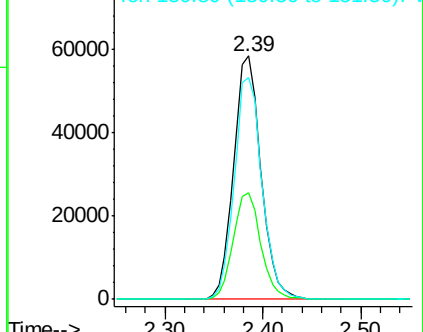
151 92.1 74.2 111.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.908 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

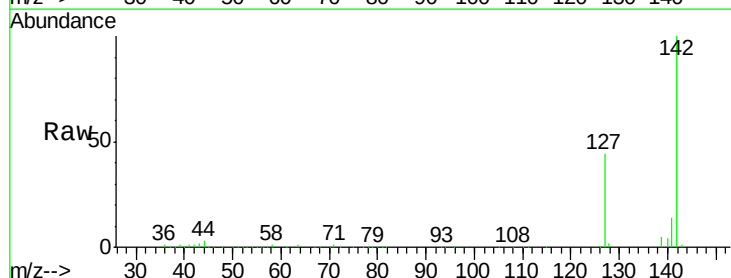
Tgt Ion:142 Resp: 115222

Ion Ratio Lower Upper

142 100

127 43.7 34.7 52.1

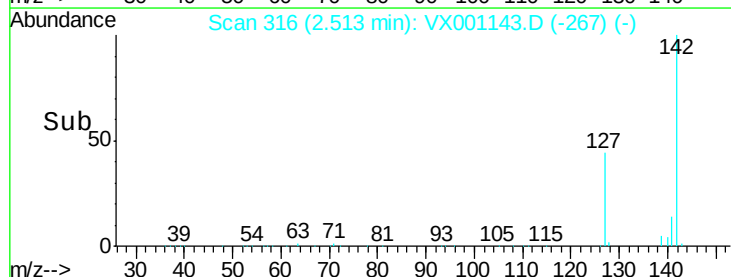
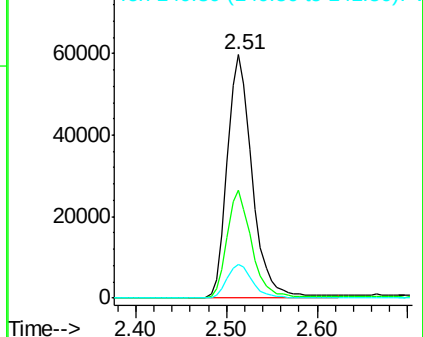
141 14.1 11.6 17.4

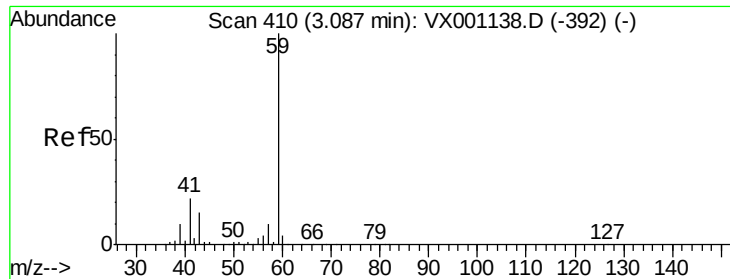


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

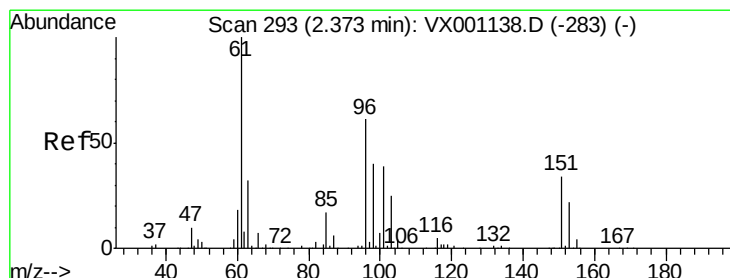
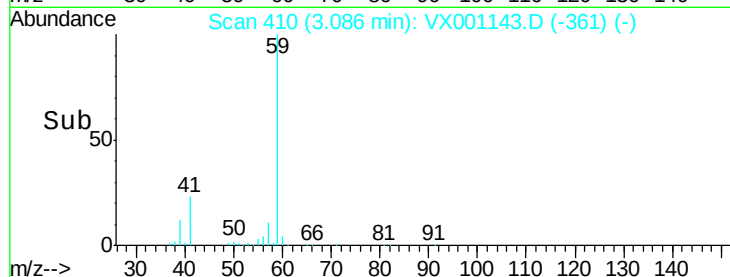
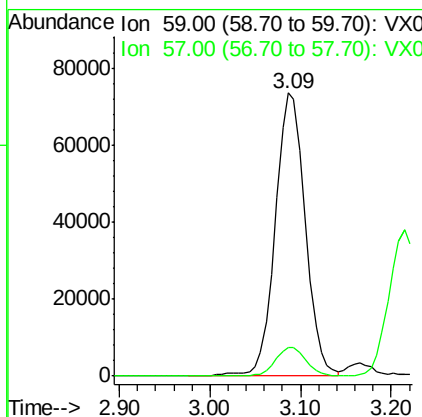
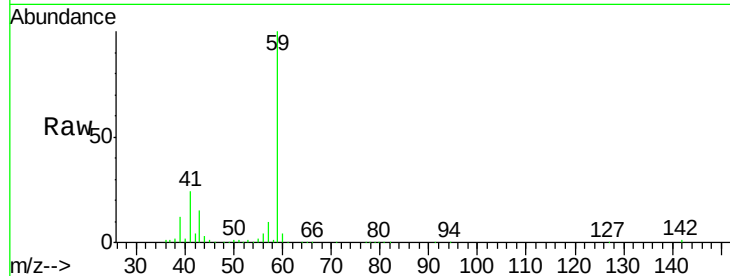




#11
Tert butyl alcohol
Concen: 245.455 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

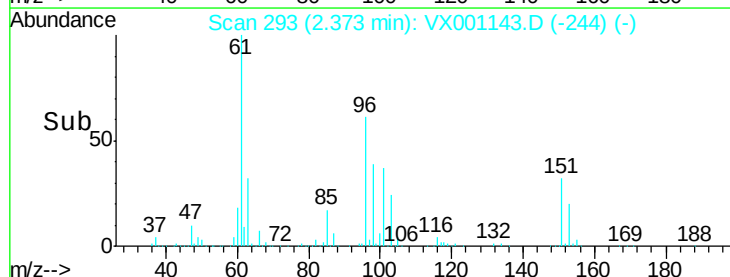
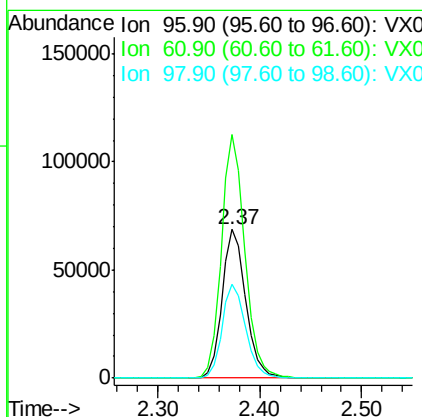
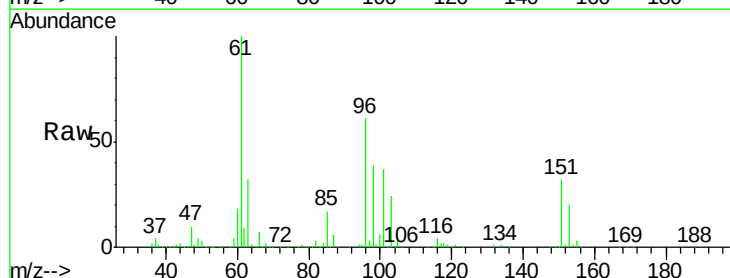
Instrument :
MSVOA_X
ClientSampleId :

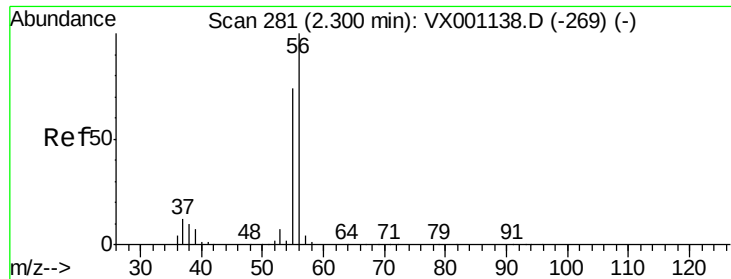
Tot Ion: 59 Resp: 168639
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.814 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 96 Resp: 110948
Ion Ratio Lower Upper
96 100
61 163.8 130.2 195.4
98 63.5 51.5 77.3

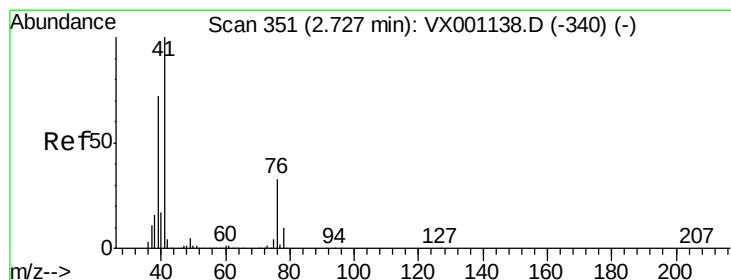
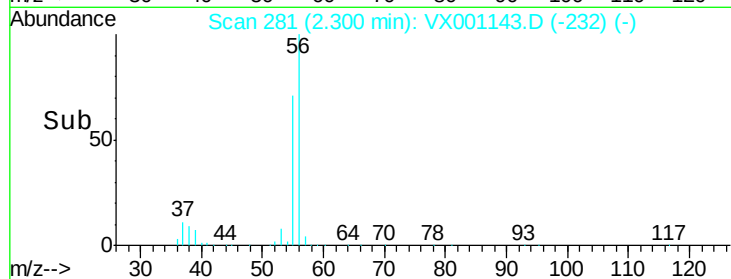
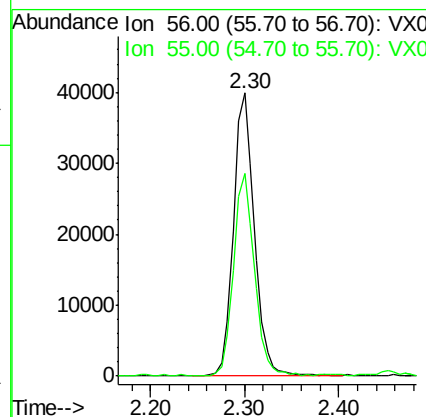
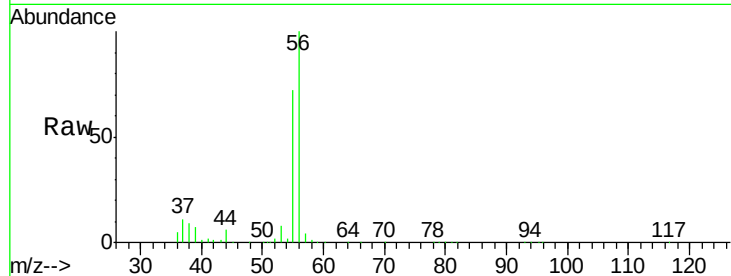




#13
Acrolein
Concen: 235.028 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

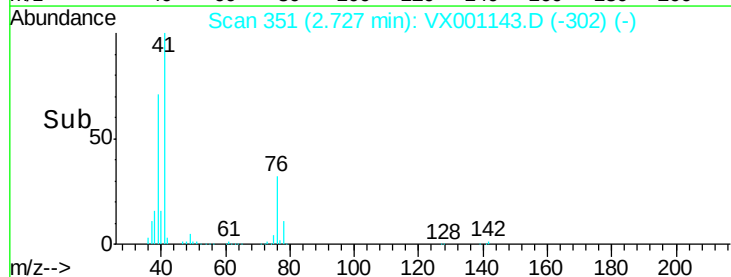
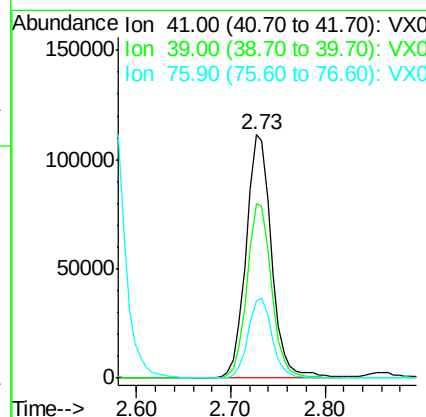
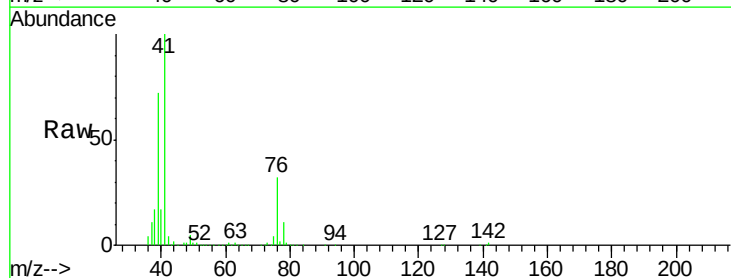
Instrument :
MSVOA_X
ClientSampleId :

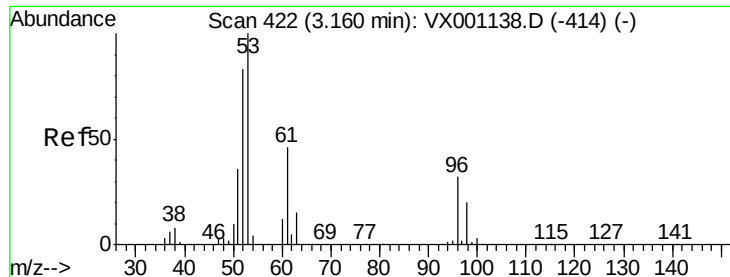
Tot Ion: 56 Resp: 61044
Ion Ratio Lower Upper
56 100
55 72.0 57.2 85.8



#14
Allyl chloride
Concen: 50.567 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 41 Resp: 209659
Ion Ratio Lower Upper
41 100
39 69.3 55.6 83.4
76 31.1 24.8 37.2





#15

Acrylonitrile

Concen: 240.458 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

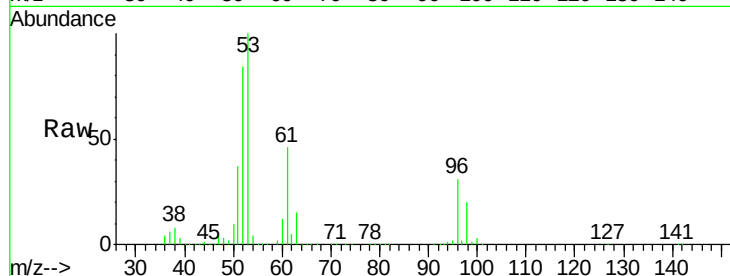
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 352787

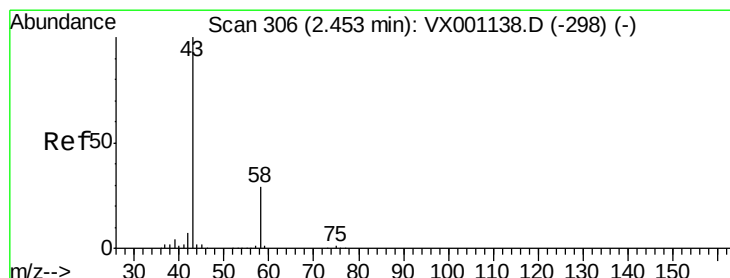
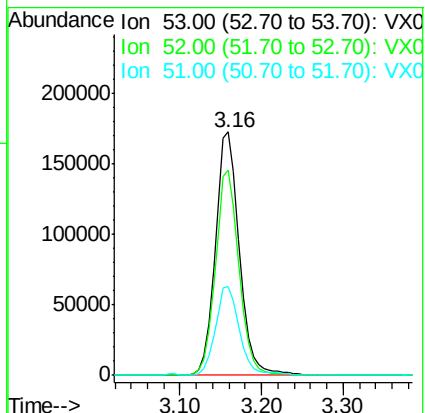
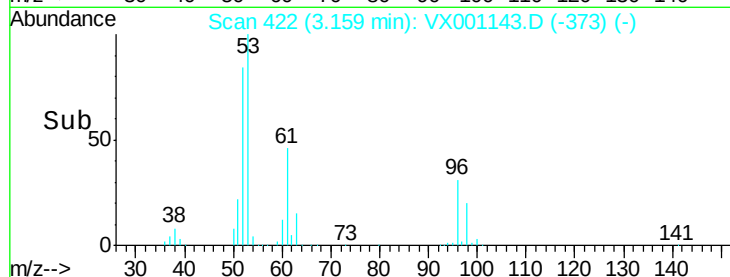
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.5	99.7
51	36.9	29.5	44.3



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: 226.857 ug/l

RT: 2.45 min Scan# 306

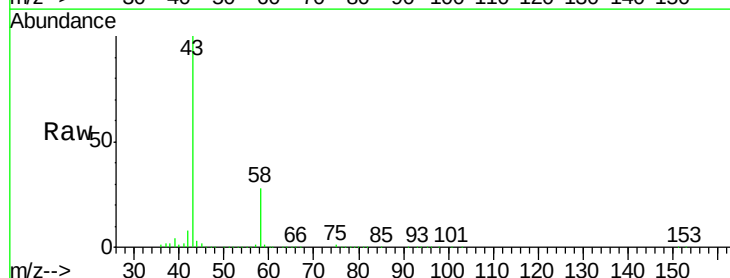
Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

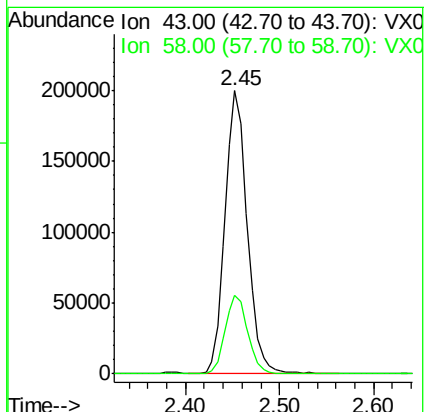
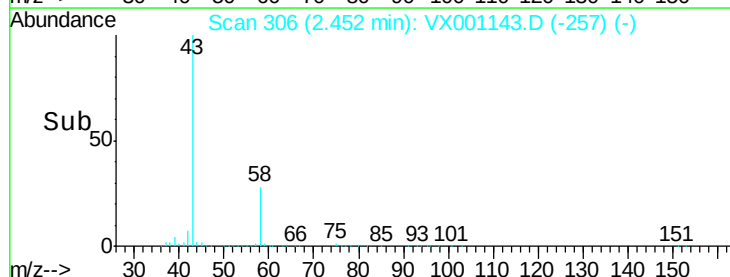
Tgt Ion: 43 Resp: 325021

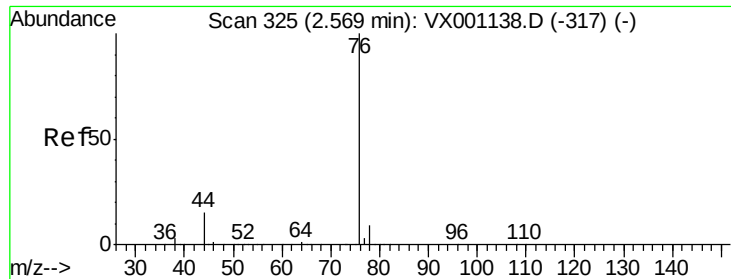
Ion	Ratio	Lower	Upper
43	100		
58	27.7	23.0	34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

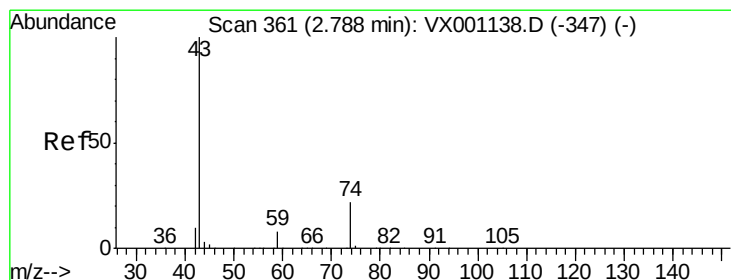
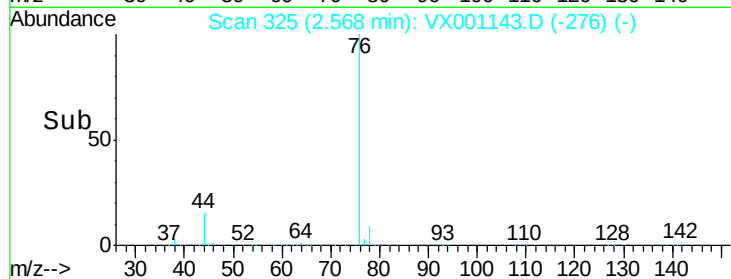
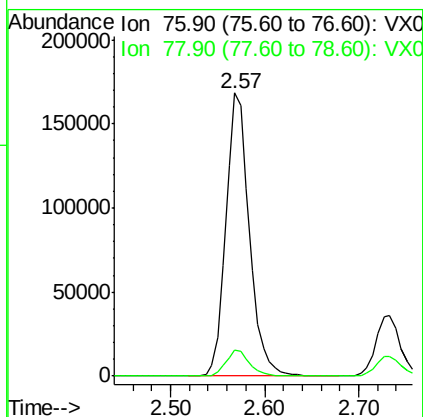
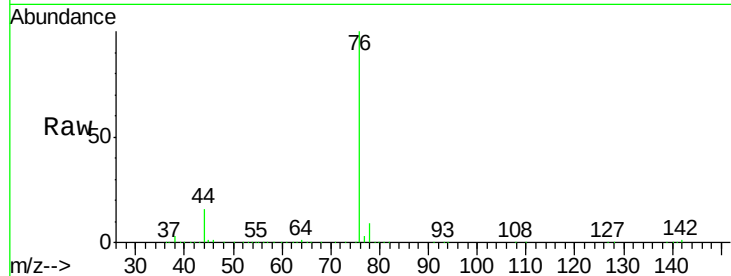




#17
Carbon Disulfide
Concen: 50.156 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

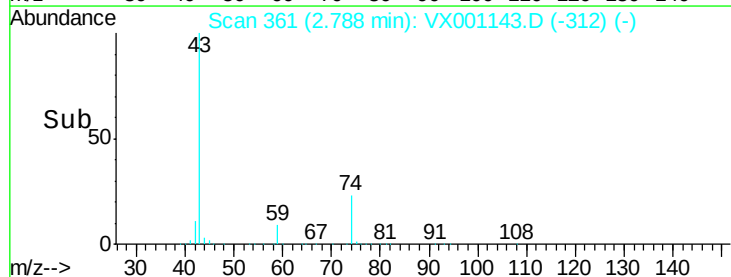
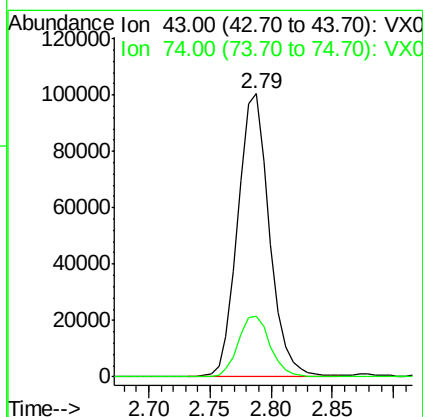
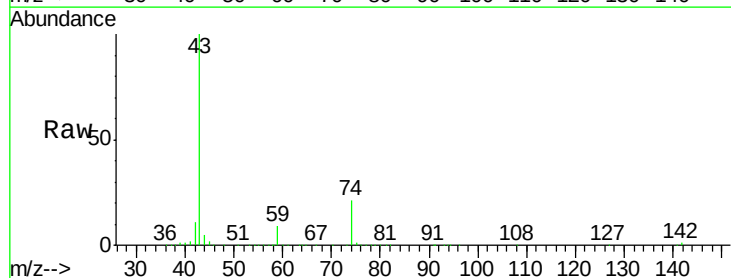
Instrument :
MSVOA_X
ClientSampleId :

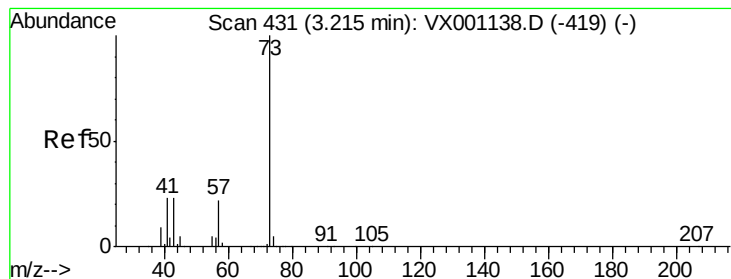
Tot Ion: 76 Resp: 290868
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 49.809 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 43 Resp: 178572
Ion Ratio Lower Upper
43 100
74 21.5 18.1 27.1



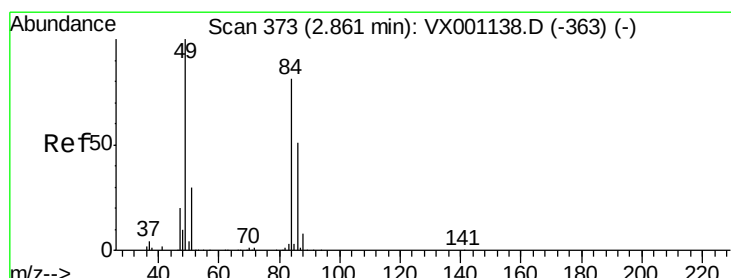
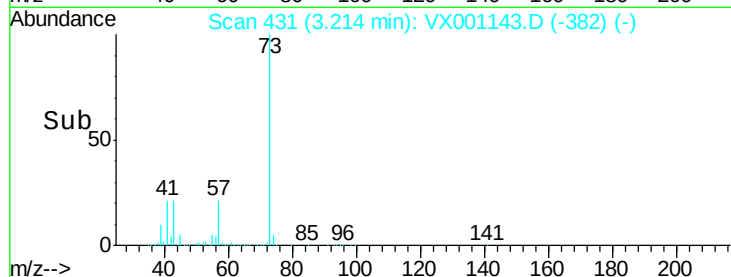
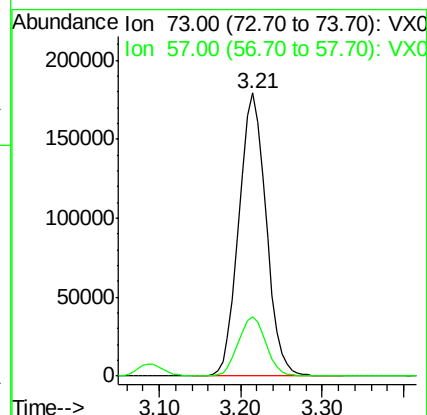
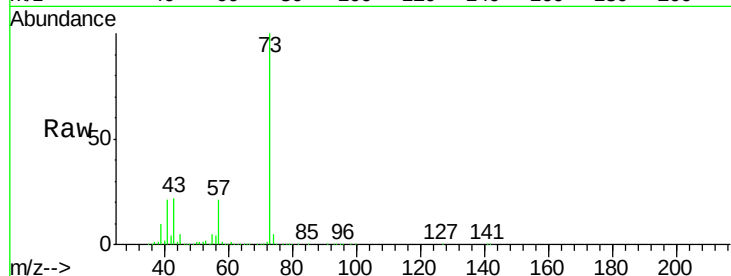


#19

Methyl tert-butyl Ether
 Concen: 49.394 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Instrument :
 MSVOA_X
 ClientSampled :

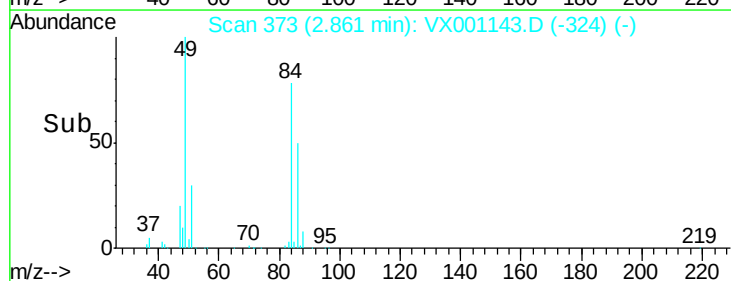
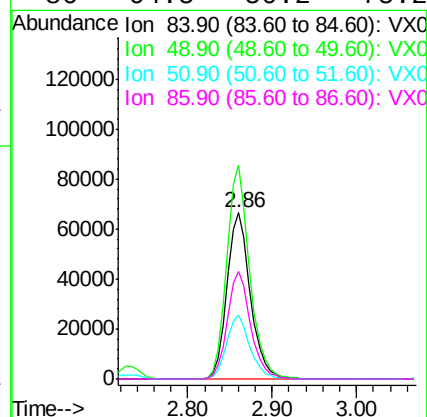
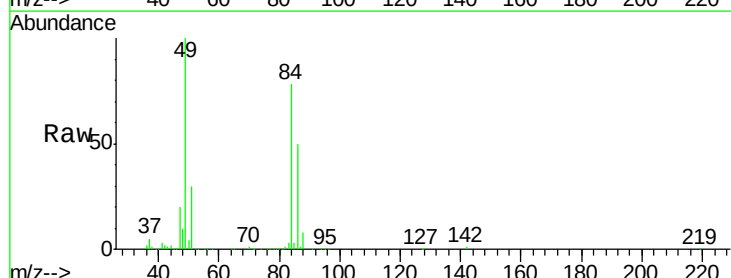
Tot Ion: 73 Resp: 413269
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.7 26.5

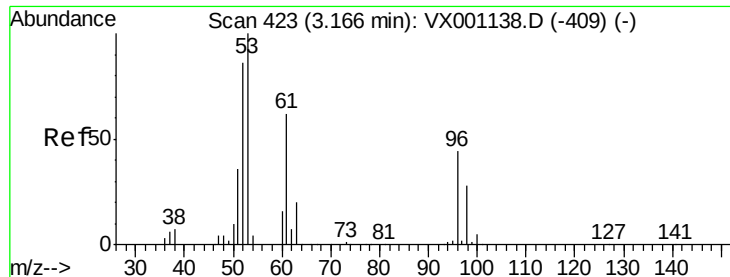


#20

Methylene Chloride
 Concen: 47.554 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion: 84 Resp: 126890
 Ion Ratio Lower Upper
 84 100
 49 128.8 99.2 148.8
 51 38.9 29.5 44.3
 86 64.5 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 48.209 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :
MSVOA_X
ClientSampleId :

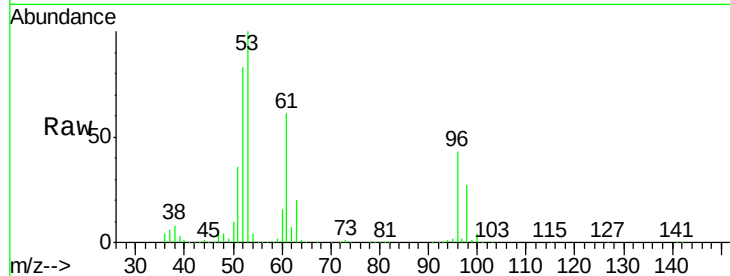
Tot Ion: 96 Resp: 121123

Ion Ratio Lower Upper

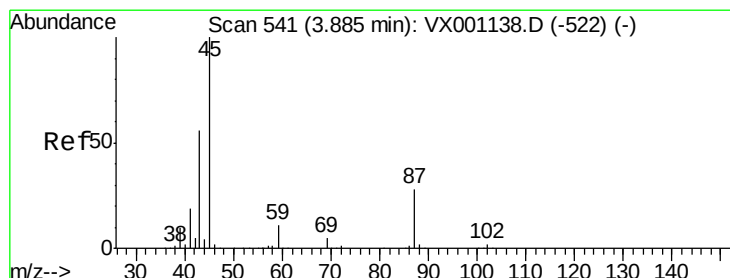
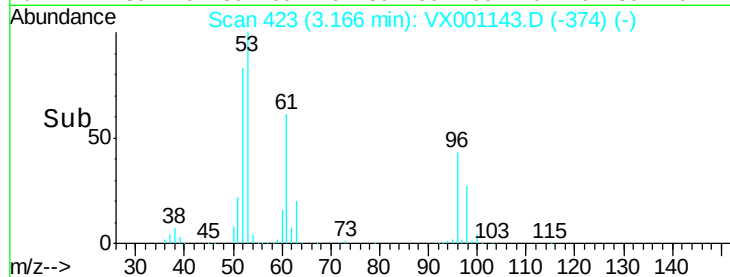
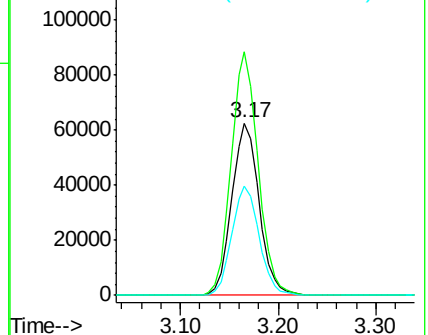
96 100

61 141.1 111.9 167.9

98 63.4 51.1 76.7



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



#22

Diisopropyl ether

Concen: 49.855 ug/l

RT: 3.88 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Tgt Ion: 45 Resp: 413593

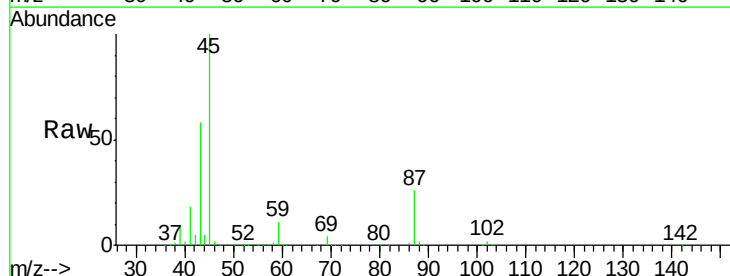
Ion Ratio Lower Upper

45 100

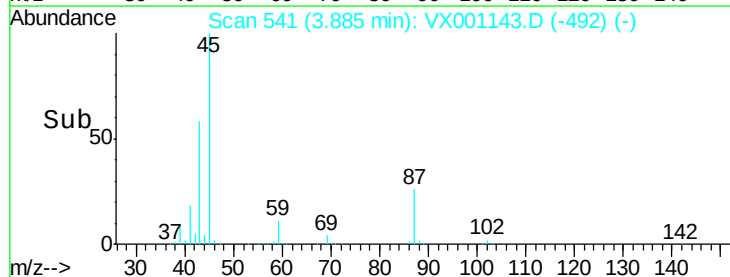
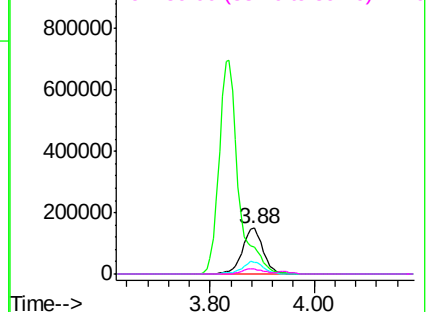
43 57.6 45.0 67.4

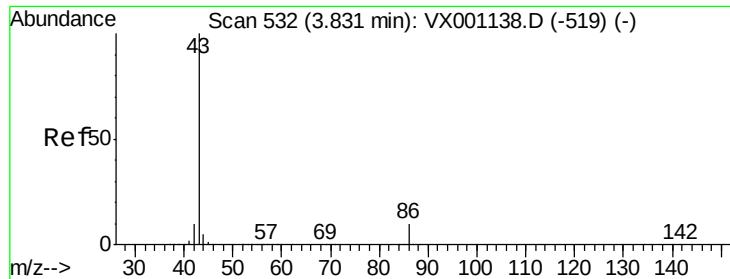
87 26.1 22.8 34.2

59 11.3 9.0 13.6



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

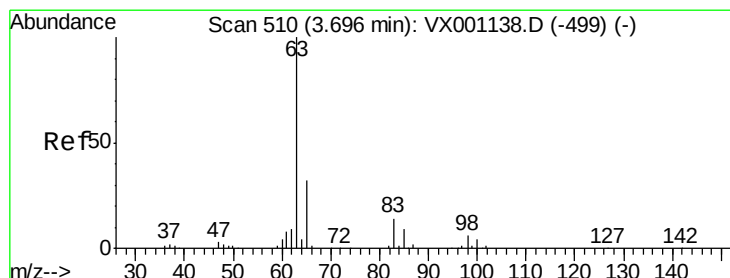
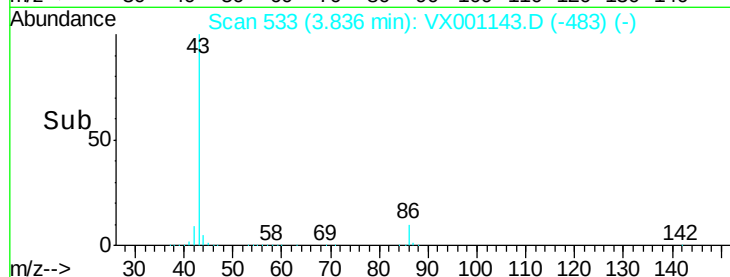
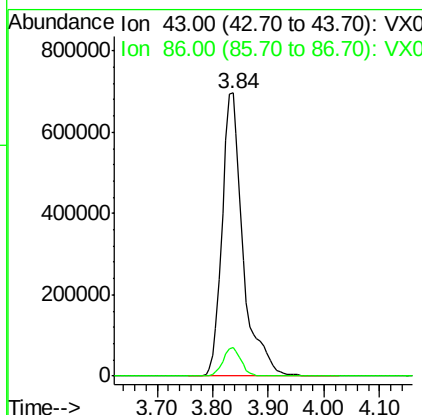
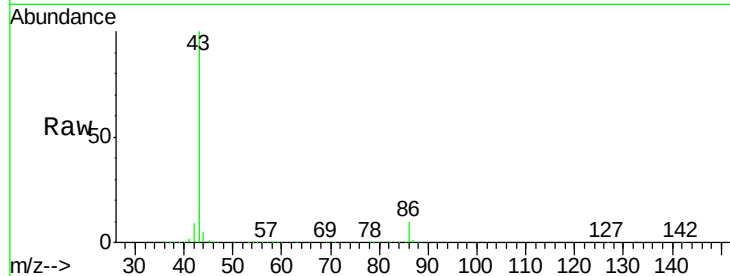




#23
 Vinyl Acetate
 Concen: 257.624 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

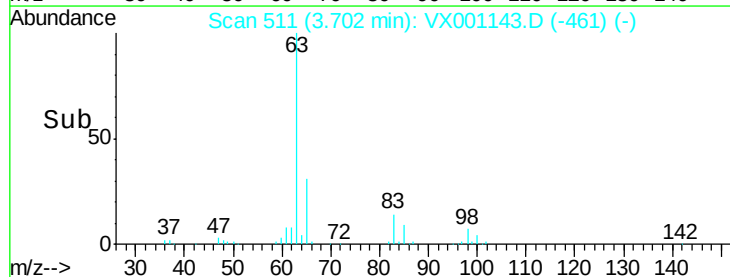
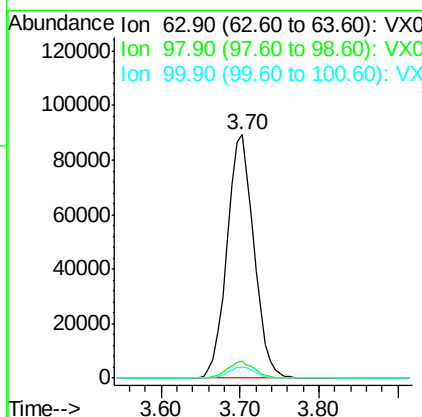
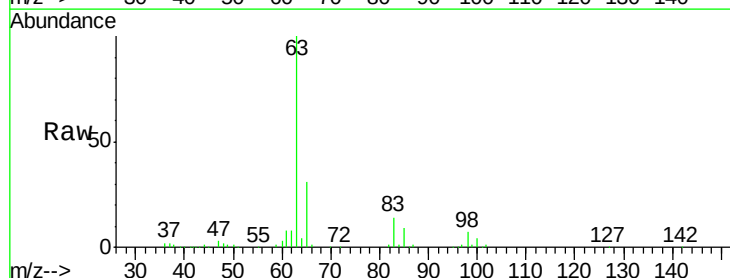
Instrument :
 MSVOA_X
 ClientSampleId :

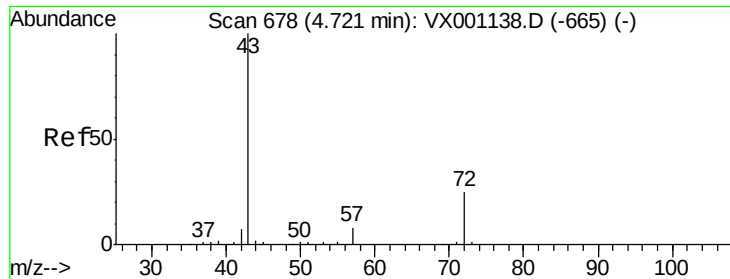
Tot Ion: 43 Resp: 1813117
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 48.502 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion: 63 Resp: 211473
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 237.685 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

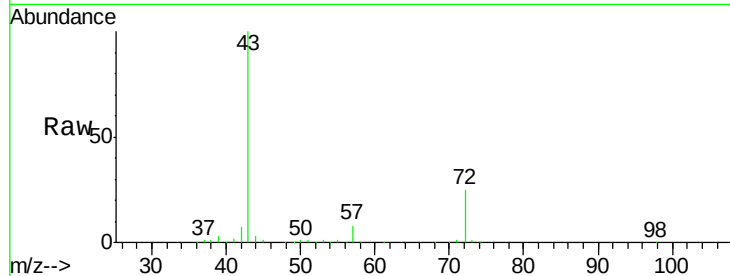
ClientSampleId :

Tot Ion: 43 Resp: 509530

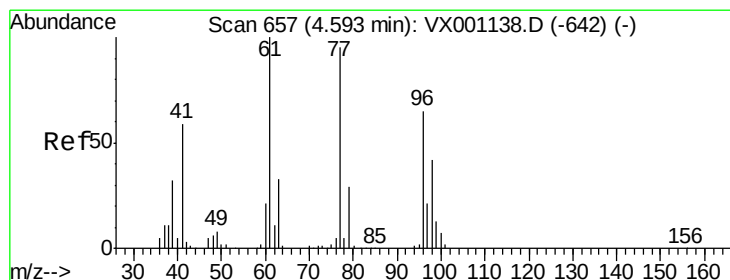
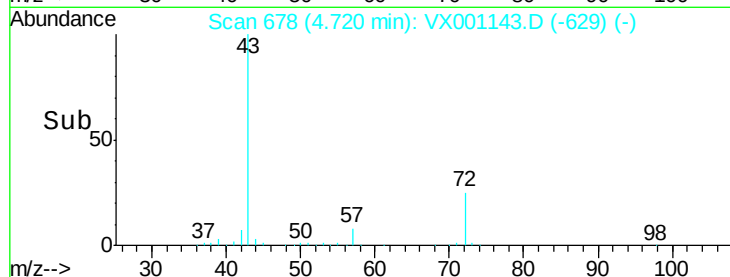
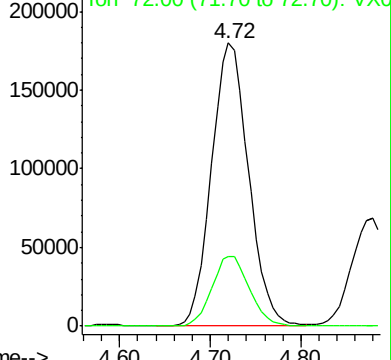
Ion Ratio Lower Upper

43 100

72 24.7 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX001143.D (-629) (-)



#26

2,2-Dichloropropane

Concen: 46.510 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001143.D

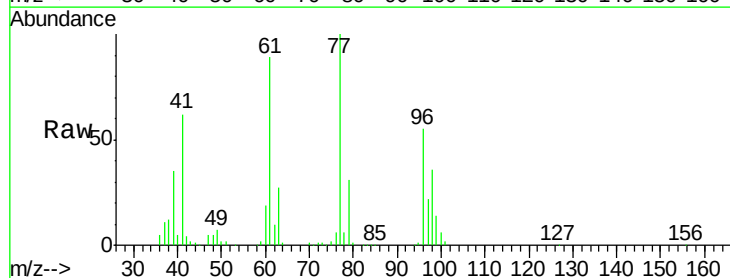
Acq: 26 Apr 2018 22:11

Tgt Ion: 77 Resp: 159620

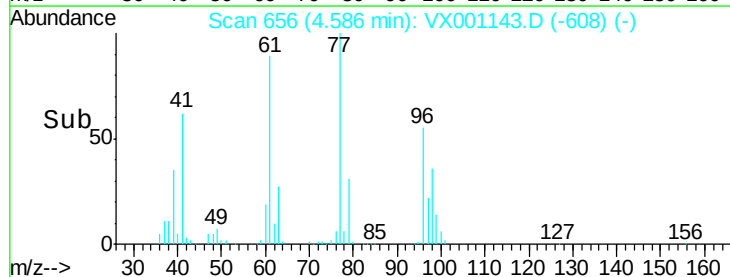
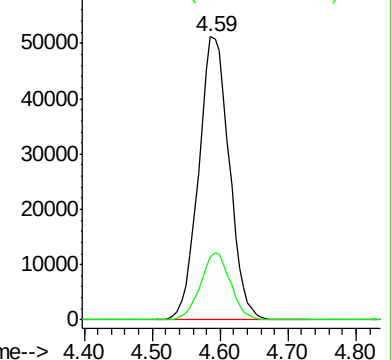
Ion Ratio Lower Upper

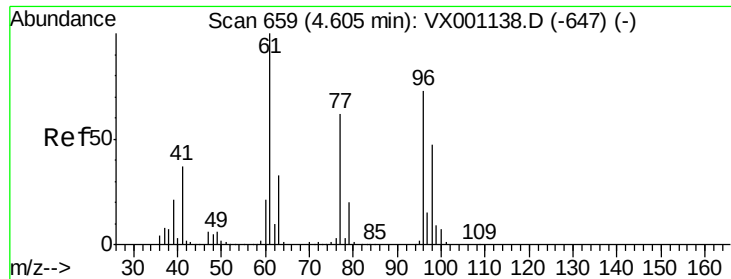
77 100

97 23.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX001143.D (-608) (-)



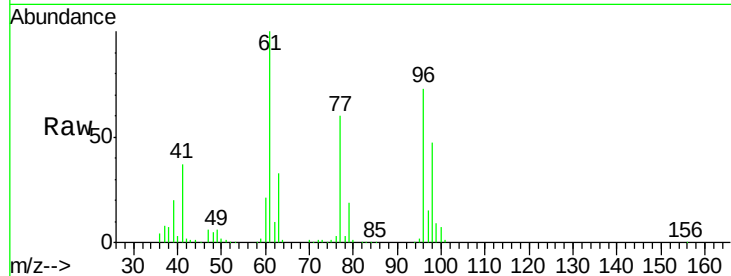


#27

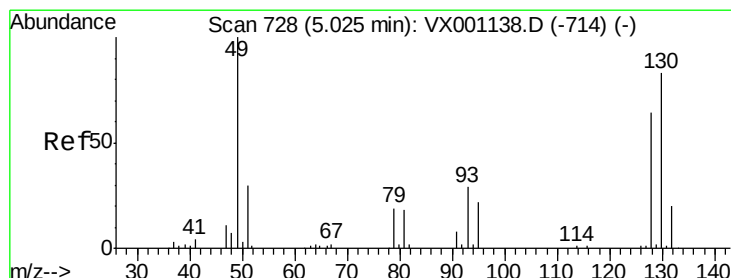
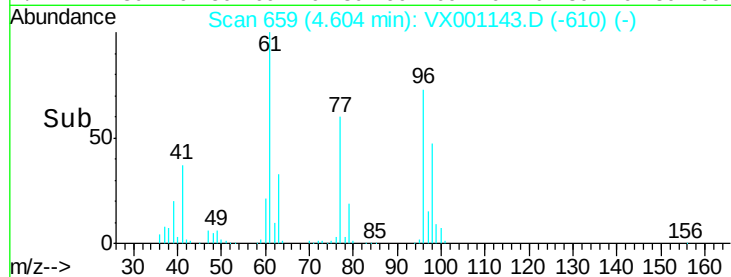
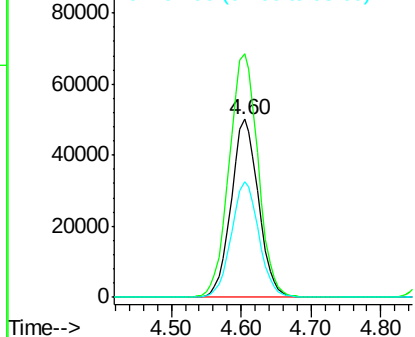
cis-1,2-Dichloroethene
 Concen: 49.355 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 135772
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 289.0
 98 65.4 0.0 128.2



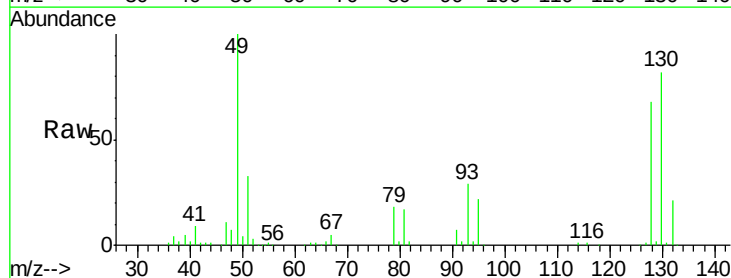
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



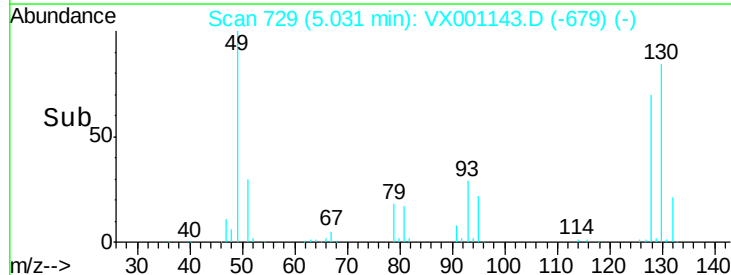
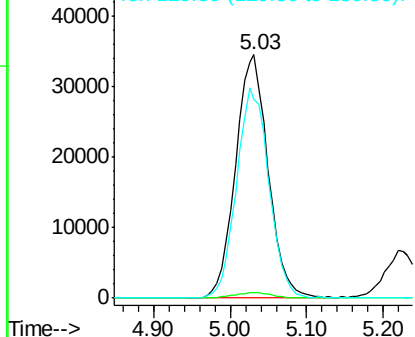
#28

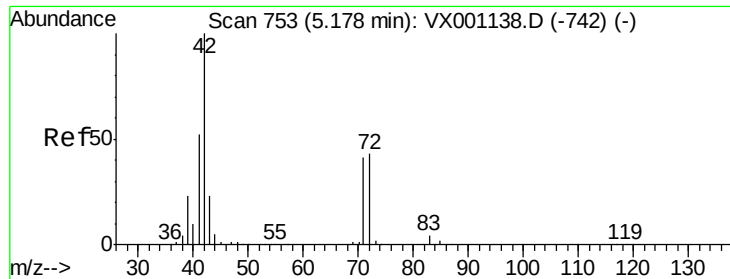
Bromochloromethane
 Concen: 52.114 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion: 49 Resp: 101881
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 85.7 68.2 102.2



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: 238.455 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

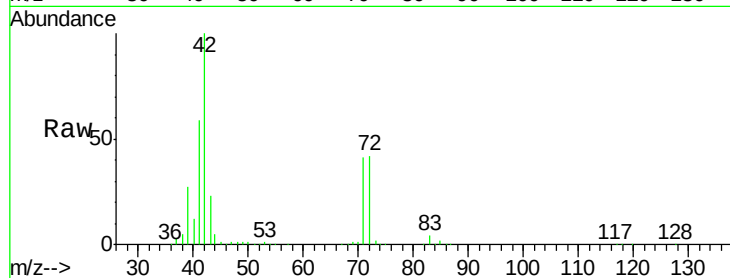
Tot Ion: 42 Resp: 328666

Ion Ratio Lower Upper

42 100

72 43.1 34.4 51.6

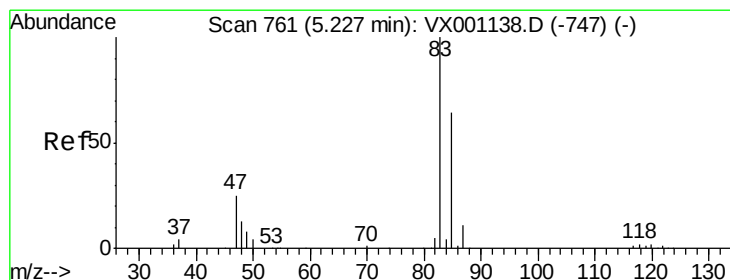
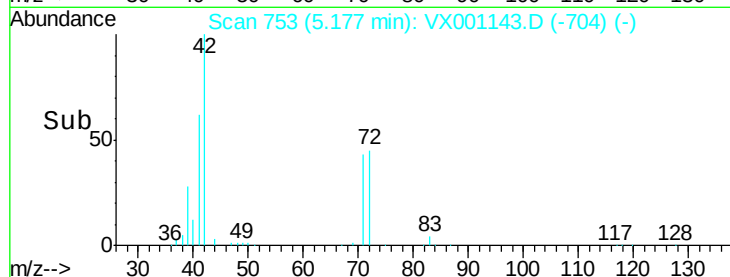
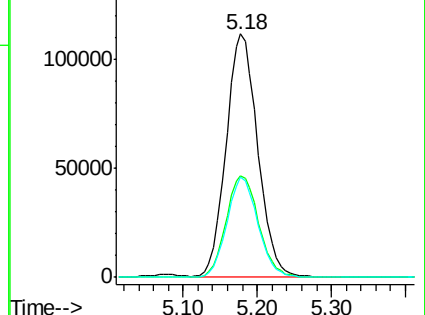
71 40.6 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.521 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX001143.D

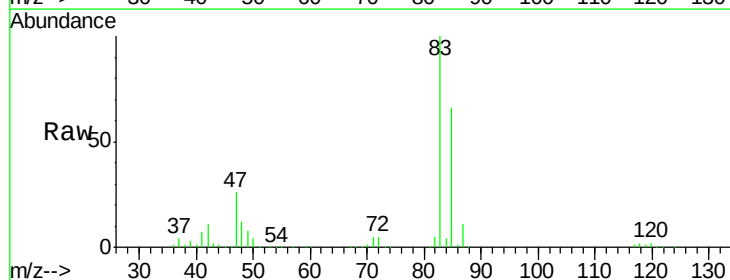
Acq: 26 Apr 2018 22:11

Tgt Ion: 83 Resp: 234246

Ion Ratio Lower Upper

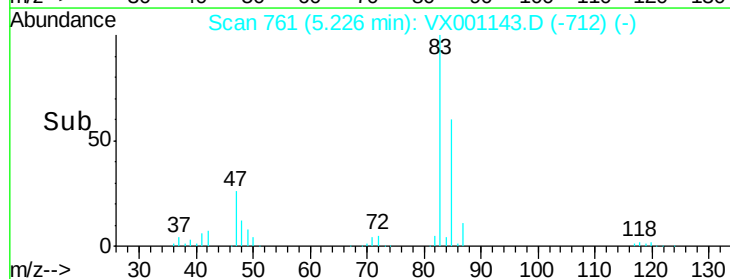
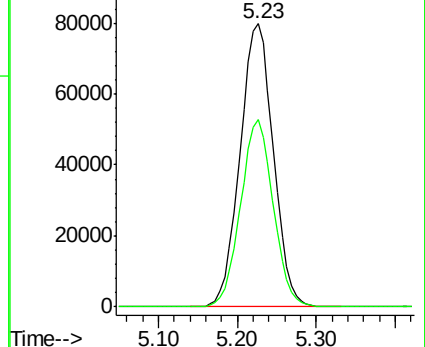
83 100

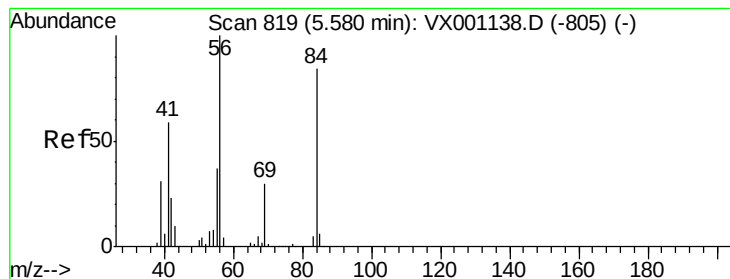
85 66.0 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.578 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :
MSVOA_X
ClientSampled :

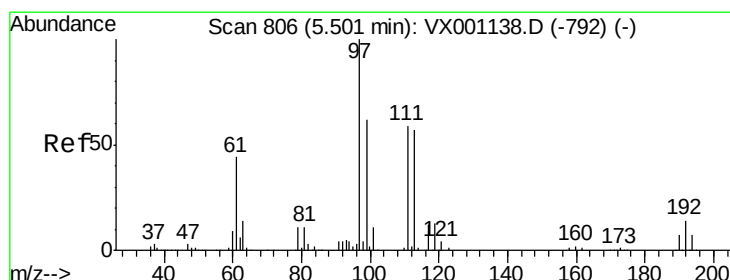
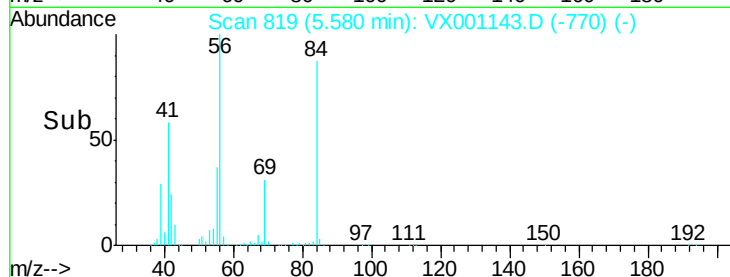
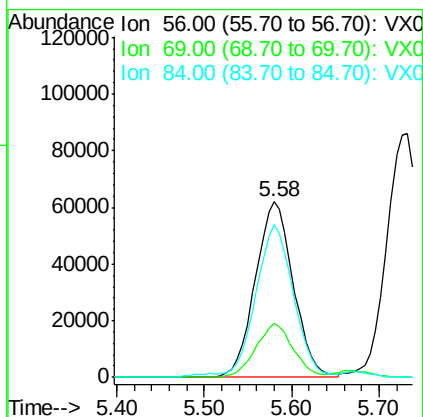
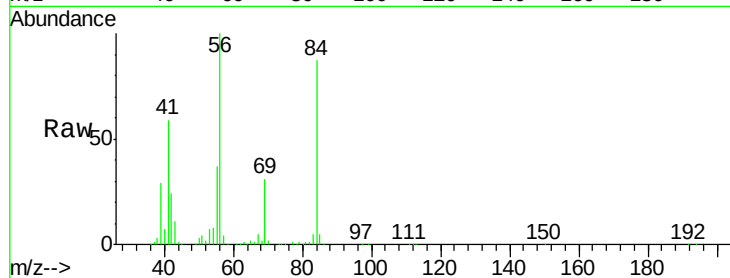
Tot Ion: 56 Resp: 187358

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 85.6 67.5 101.3



#32

1,1,1-Trichloroethane

Concen: 51.277 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

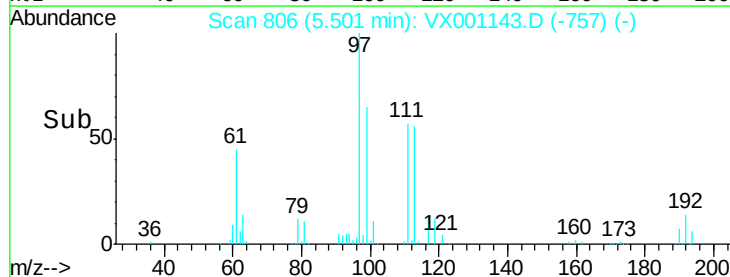
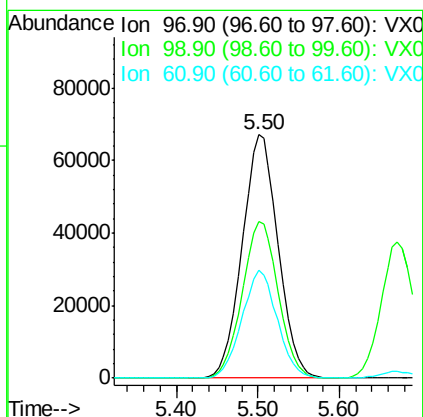
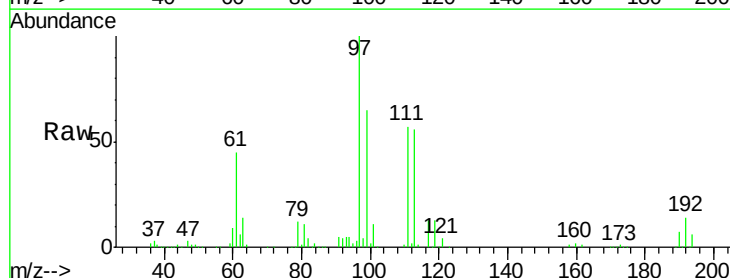
Tgt Ion: 97 Resp: 205235

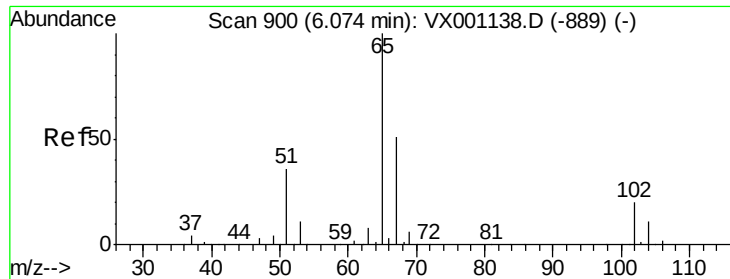
Ion Ratio Lower Upper

97 100

99 64.6 50.9 76.3

61 43.9 35.0 52.6

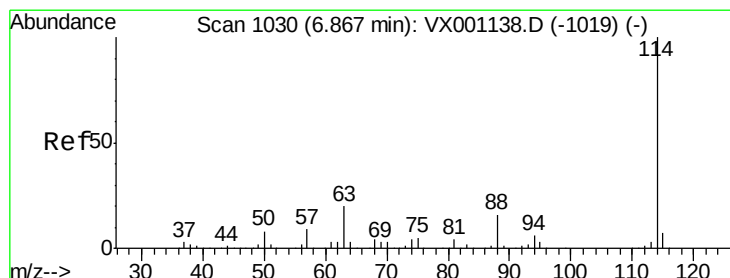
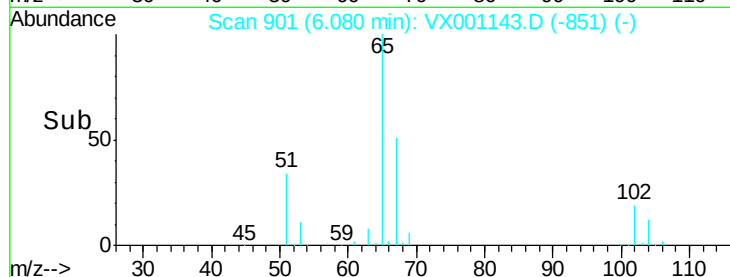
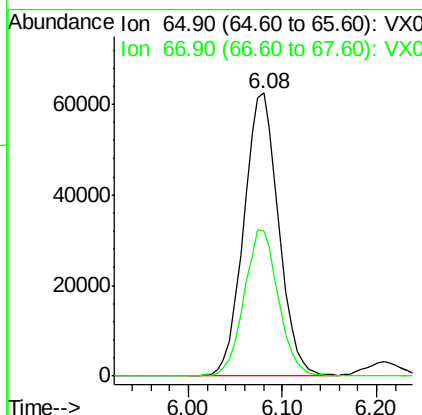
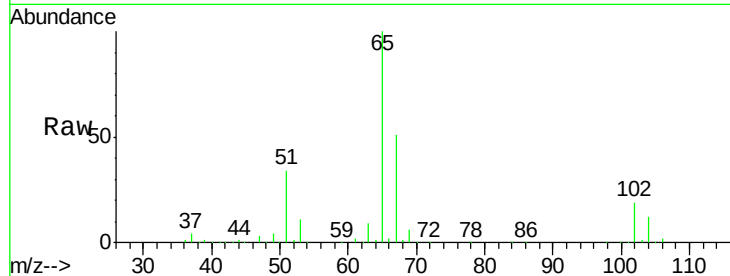




#33
 1,2-Dichloroethane-d4
 Concen: 46.485 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

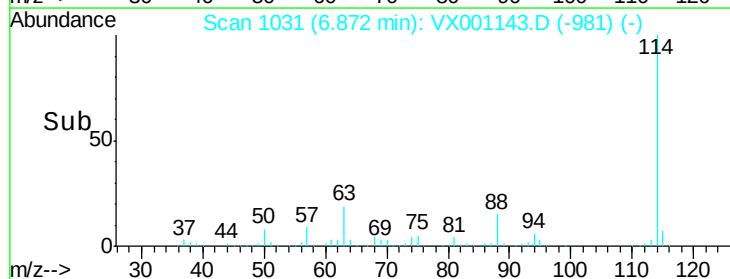
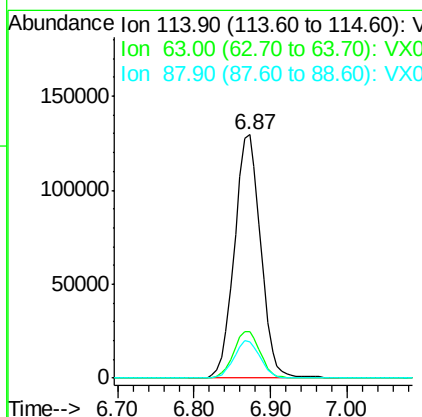
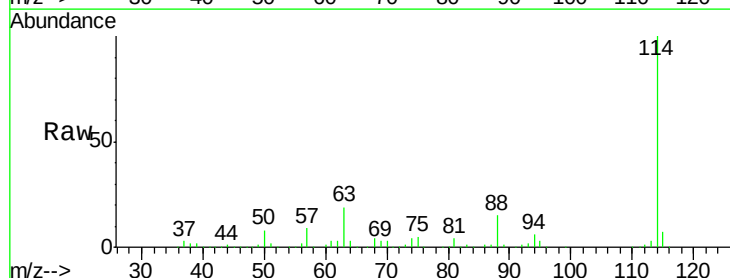
Instrument :
 MSVOA_X
 ClientSampleId :

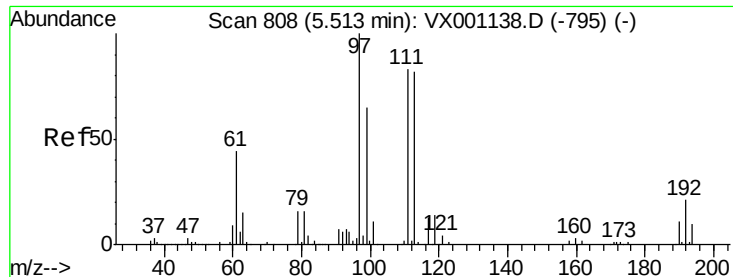
Tot Ion: 65 Resp: 161952
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion: 114 Resp: 307461
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.4
 88 14.9 0.0 31.8

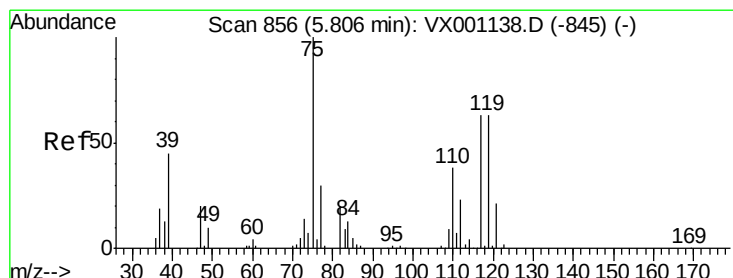
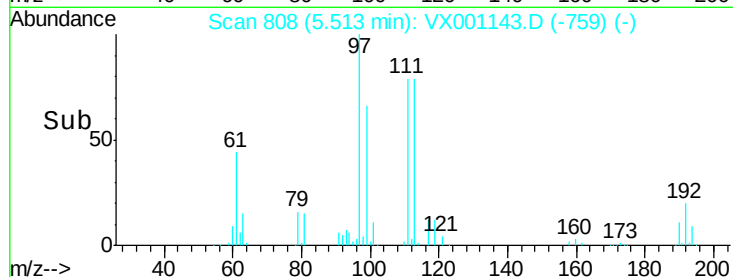
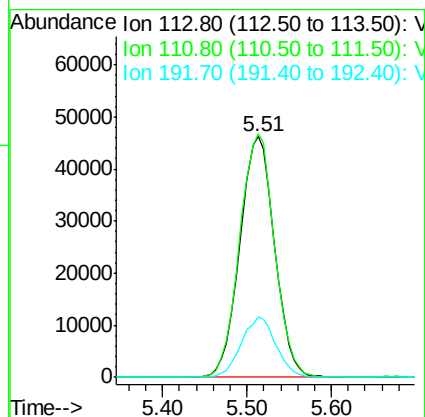
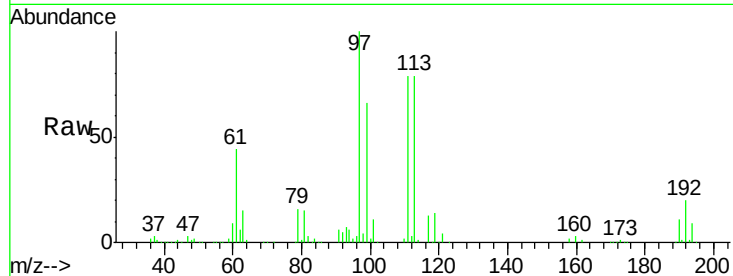




#35
 Dibromofluoromethane
 Concen: 50.692 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

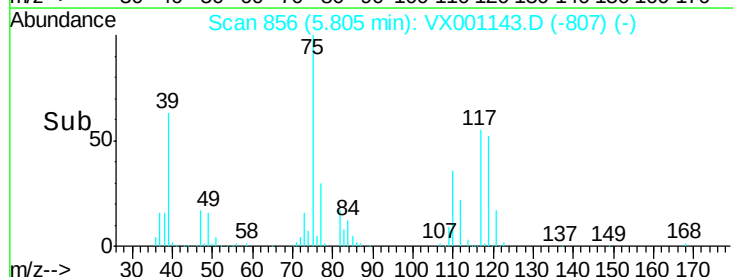
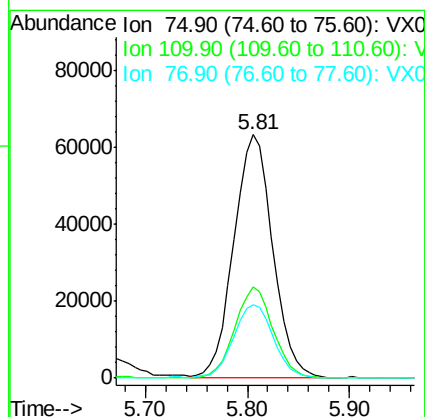
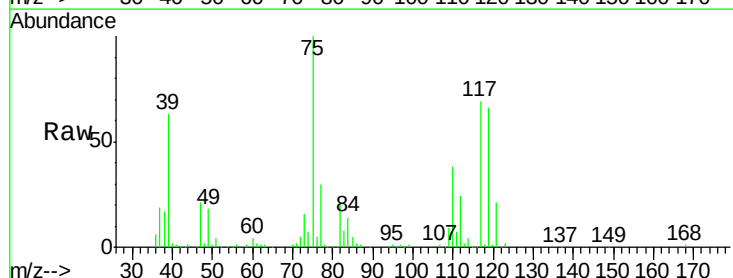
Instrument :
 MSVOA_X
 ClientSampleId :

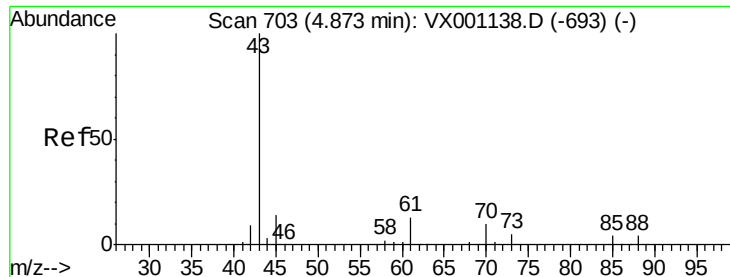
Tot Ion:113 Resp: 129004
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 25.0 20.6 30.8



#36
 1,1-Dichloropropene
 Concen: 49.288 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion: 75 Resp: 166994
 Ion Ratio Lower Upper
 75 100
 110 37.1 19.0 57.0
 77 31.2 24.8 37.2

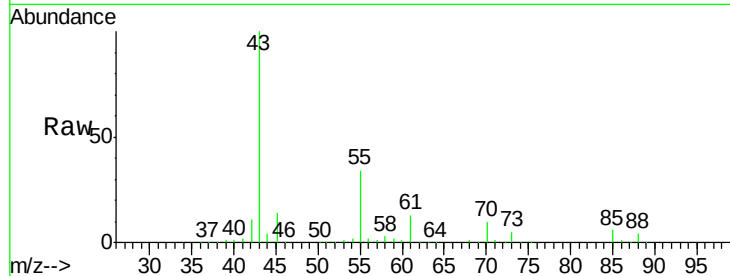




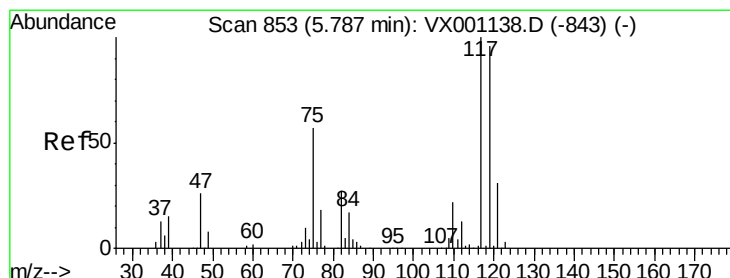
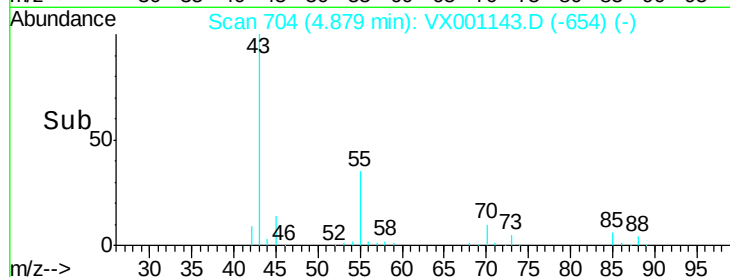
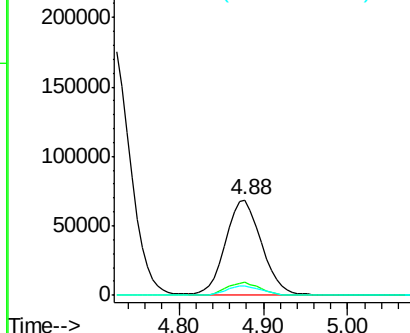
#37
Ethyl Acetate
Concen: 49.279 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Instrument :
MSVOA_X
ClientSampleID :

Tot Ion: 43 Resp: 199945
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.6
70 10.1 8.2 12.2

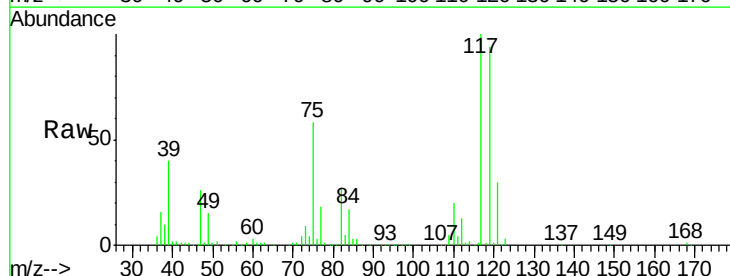


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

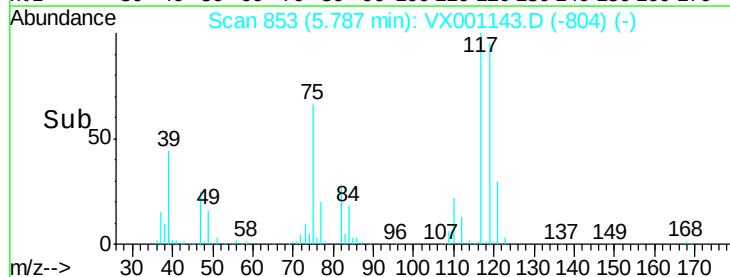
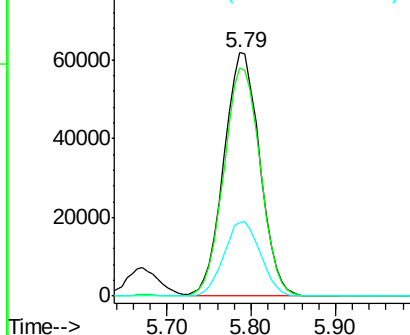


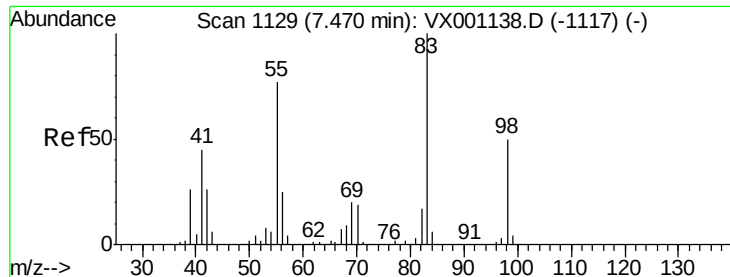
#38
Carbon Tetrachloride
Concen: 51.723 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 117 Resp: 179695
Ion Ratio Lower Upper
117 100
119 94.0 76.5 114.7
121 30.2 24.6 37.0



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

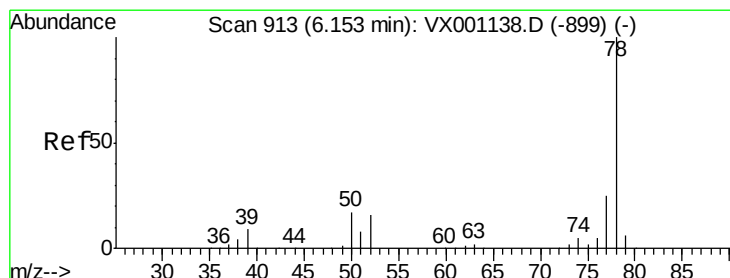
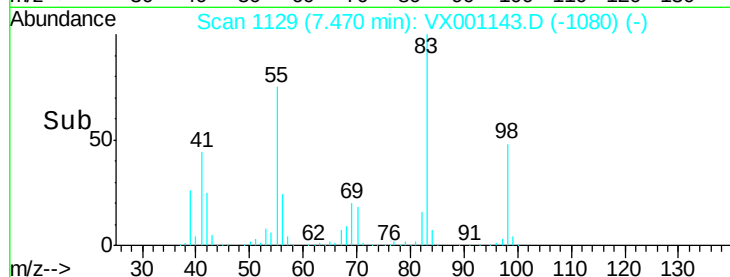
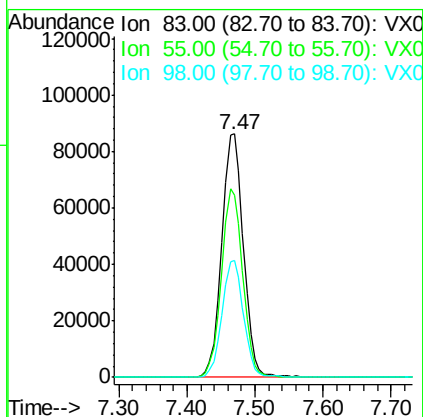
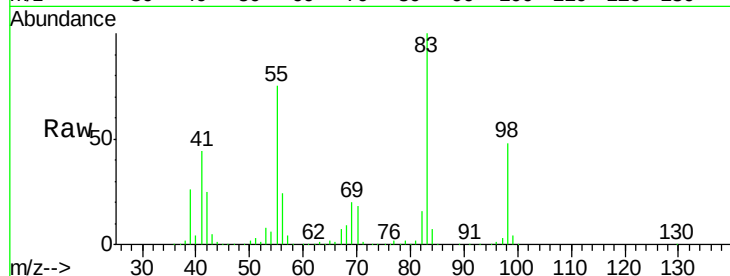




#39
Methylvlcyclohexane
Concen: 50.880 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

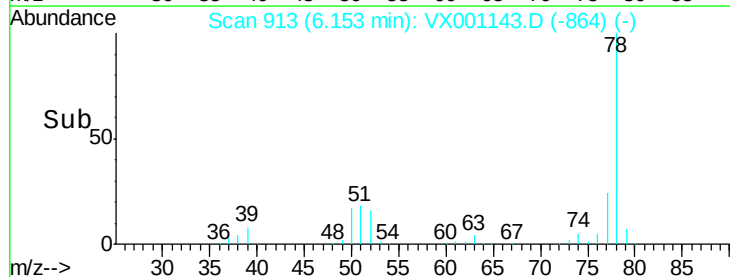
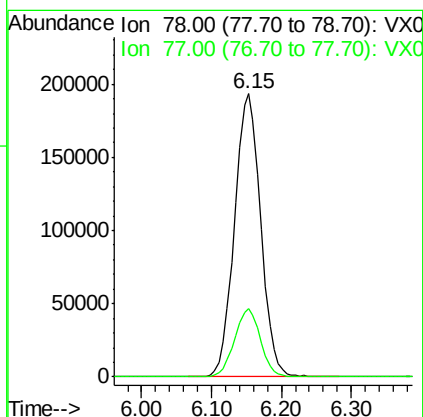
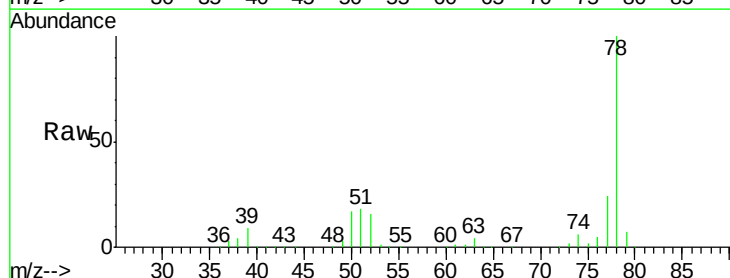
Instrument :
MSVOA_X
ClientSampled :

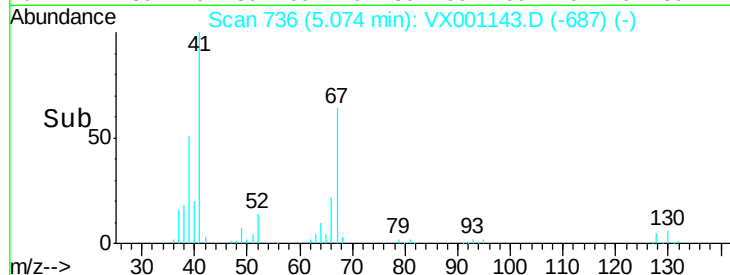
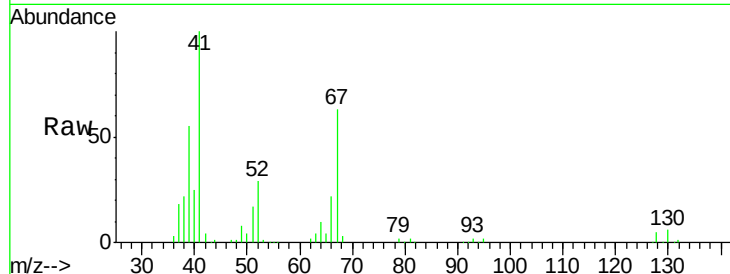
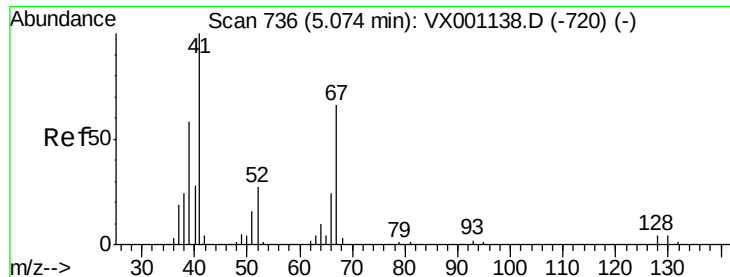
Tot Ion: 83 Resp: 190789
Ion Ratio Lower Upper
83 100
55 75.1 61.8 92.6
98 47.9 40.0 60.0



#40
Benzene
Concen: 51.343 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

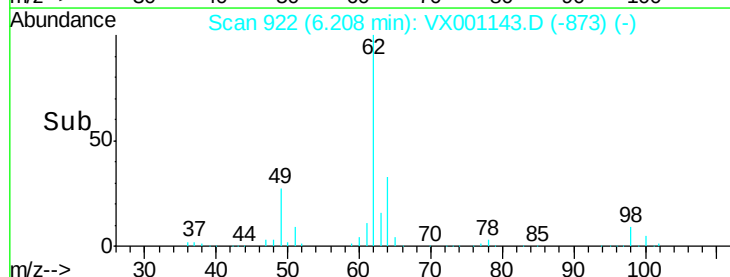
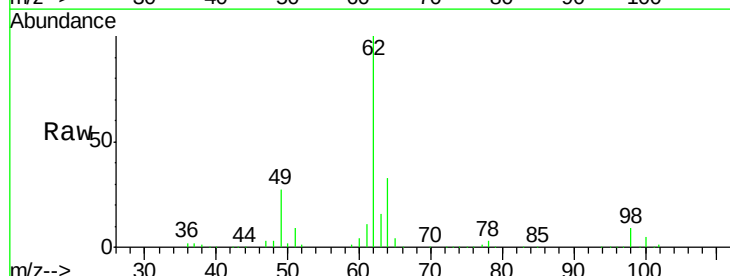
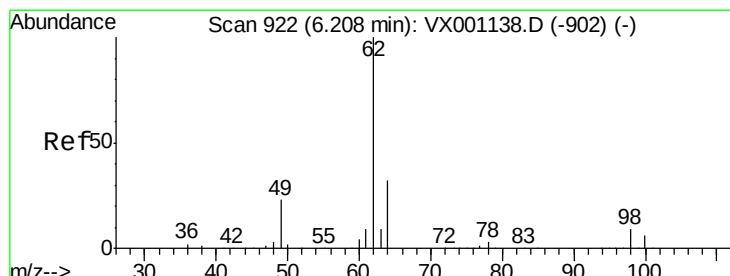
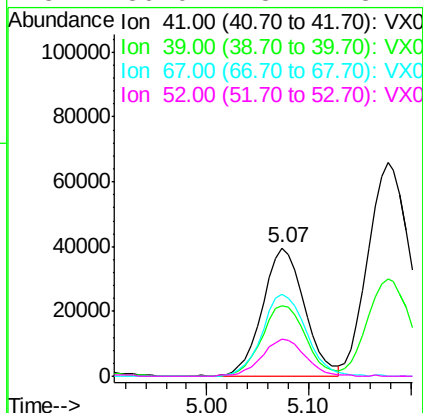
Tgt Ion: 78 Resp: 503223
Ion Ratio Lower Upper
78 100
77 24.1 19.7 29.5





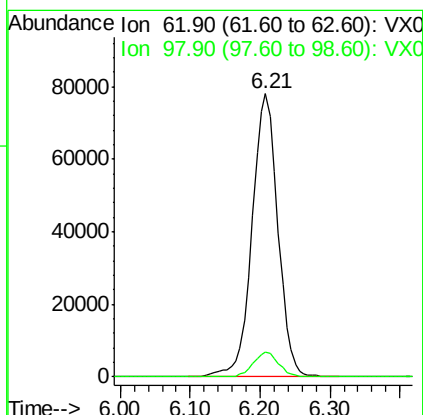
#41
Methacrylonitrile
Concen: 49.591 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

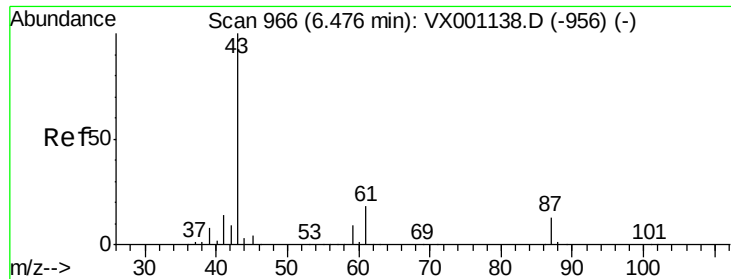
Tot Ion:	41	Resp:	113061
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.9	68.9
67	66.6	53.2	79.8
52	30.0	23.1	34.7



#42
1,2-Dichloroethane
Concen: 50.666 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion:	62	Resp:	200106
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0





#43

Isopropyl Acetate

Concen: 51.369 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

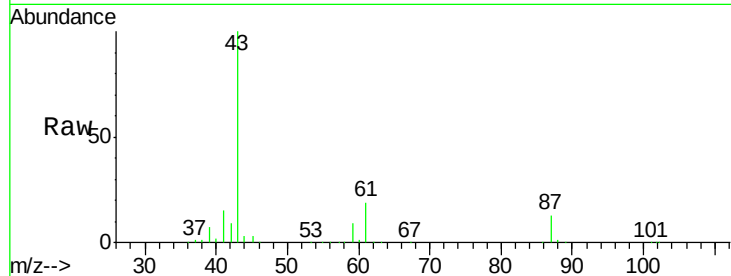
Tot Ion: 43 Resp: 327333

Ion Ratio Lower Upper

43 100

61 18.7 15.0 22.6

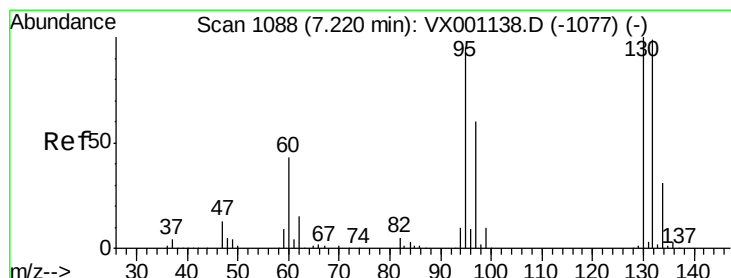
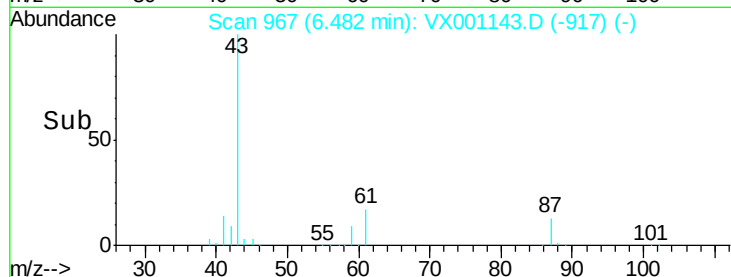
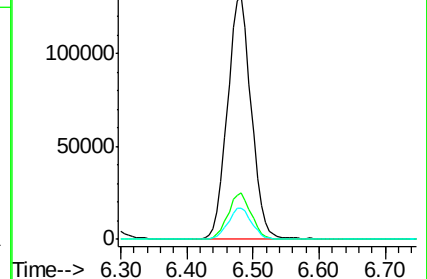
87 12.9 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX001138.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VX001138.D (-956) (-)

Ion 87.00 (86.70 to 87.70): VX001138.D (-956) (-)



#44

Trichloroethene

Concen: 50.095 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001143.D

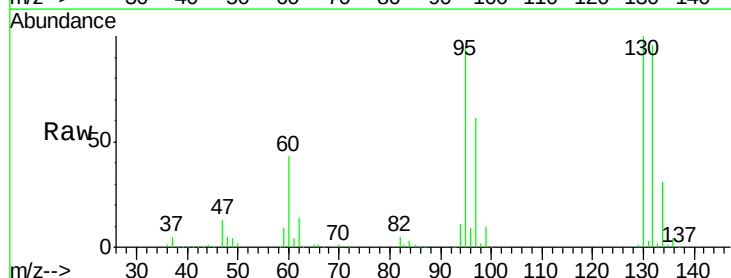
Acq: 26 Apr 2018 22:11

Tgt Ion:130 Resp: 146271

Ion Ratio Lower Upper

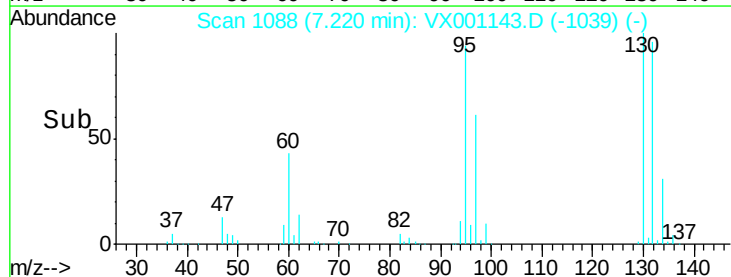
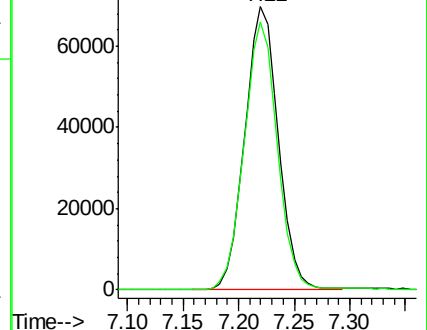
130 100

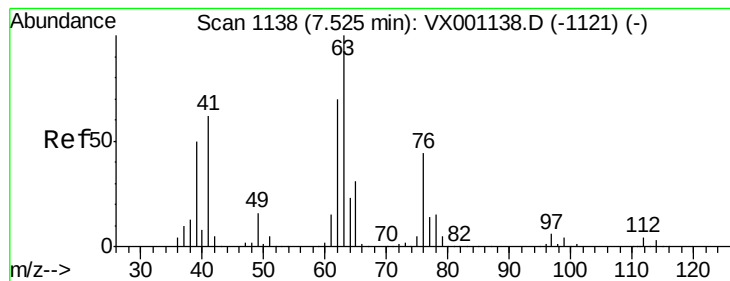
95 94.6 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): VX001138.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX001138.D (-1077) (-)





#45

1,2-Dichloropropane

Concen: 51.034 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

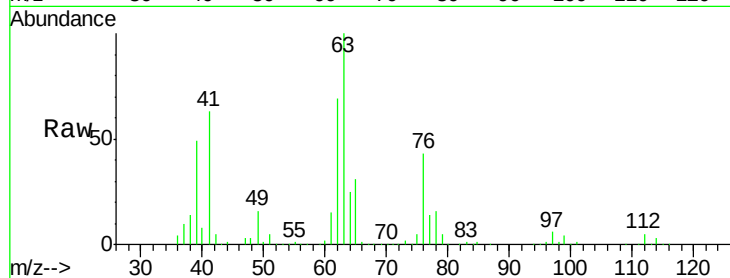
ClientSampleId :

Tot Ion: 63 Resp: 131558

Ion Ratio Lower Upper

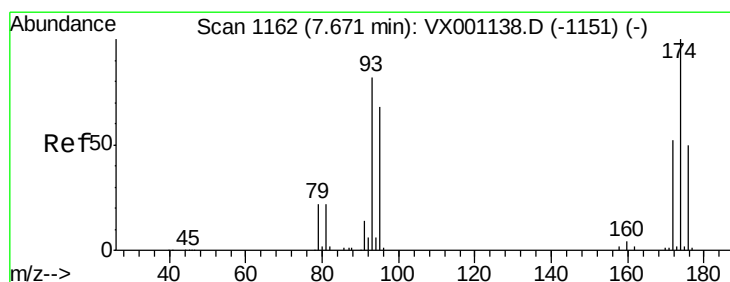
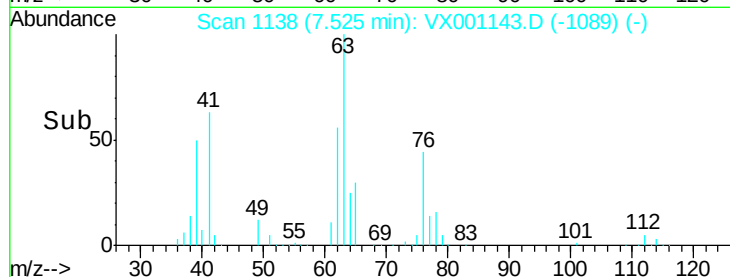
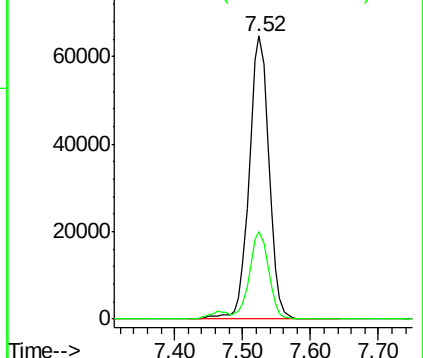
63 100

65 30.9 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.685 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

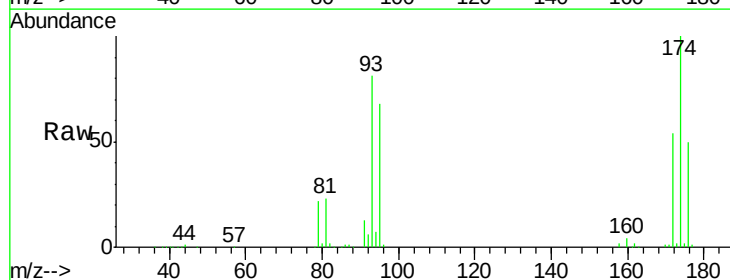
Tgt Ion: 93 Resp: 92262

Ion Ratio Lower Upper

93 100

95 82.1 66.4 99.6

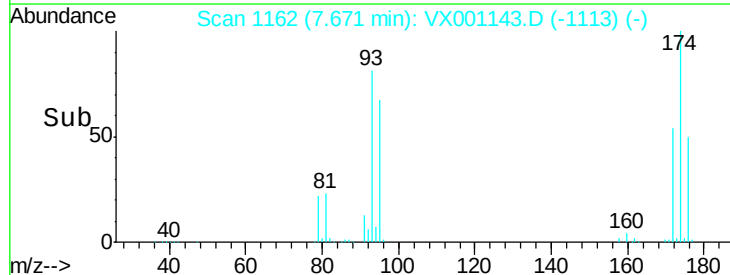
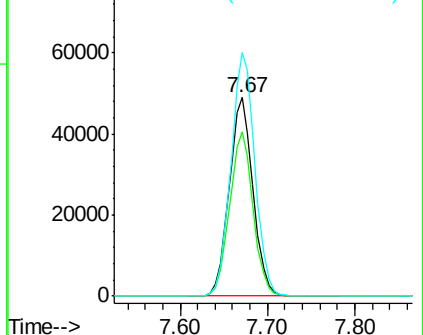
174 124.0 99.6 149.4

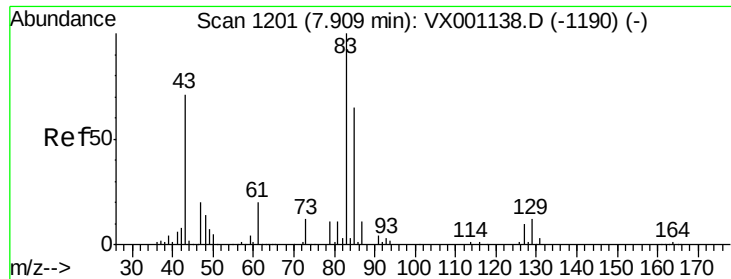


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.290 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

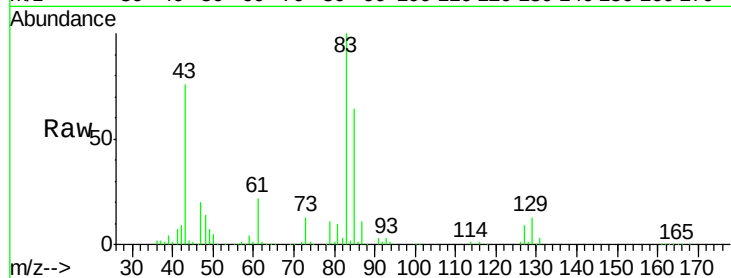
Tot Ion: 83 Resp: 172840

Ion Ratio Lower Upper

83 100

85 63.6 51.9 77.9

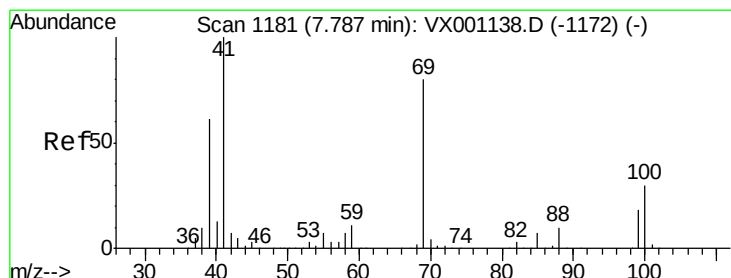
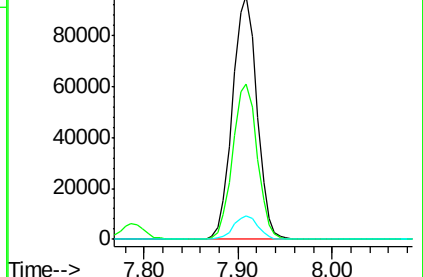
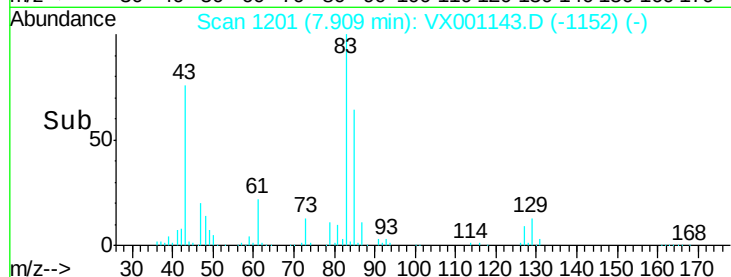
127 9.4 7.7 11.5



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: 51.551 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

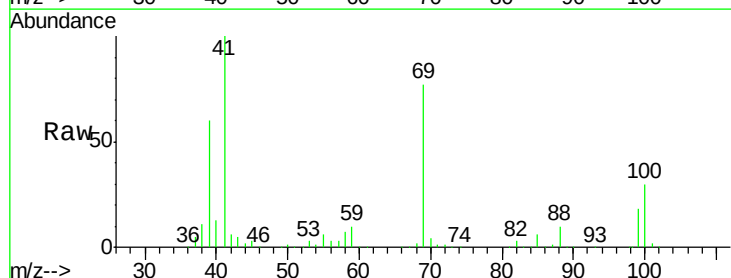
Tgt Ion: 41 Resp: 174609

Ion Ratio Lower Upper

41 100

69 76.7 62.4 93.6

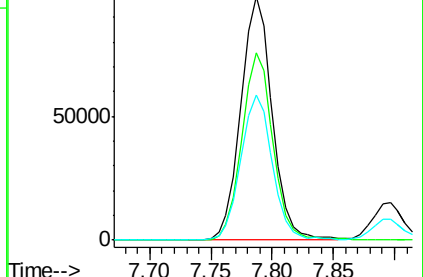
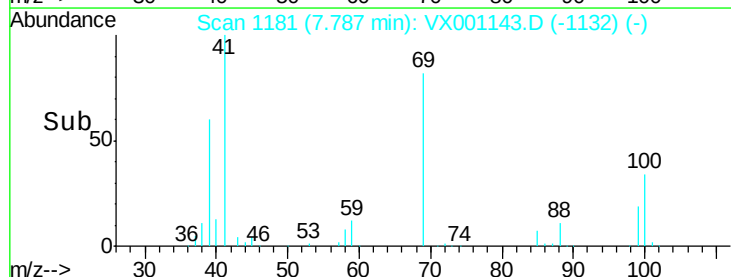
39 60.1 48.7 73.1

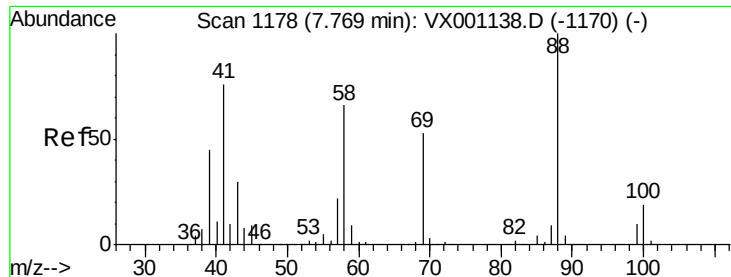


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

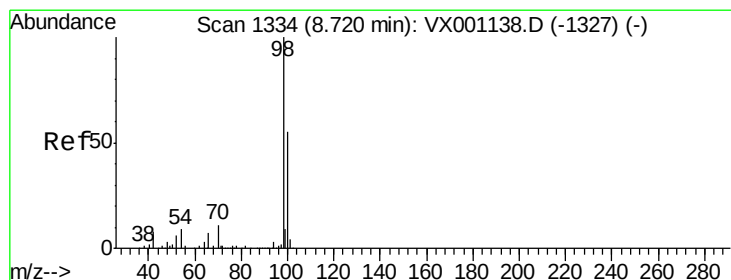
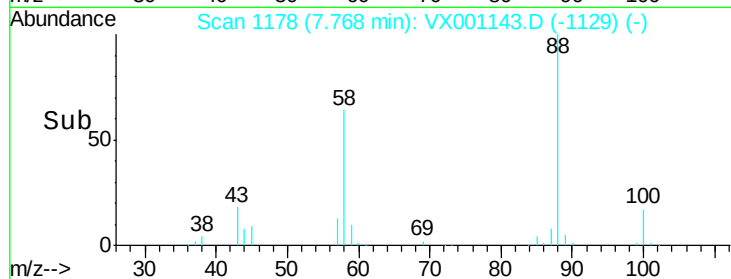
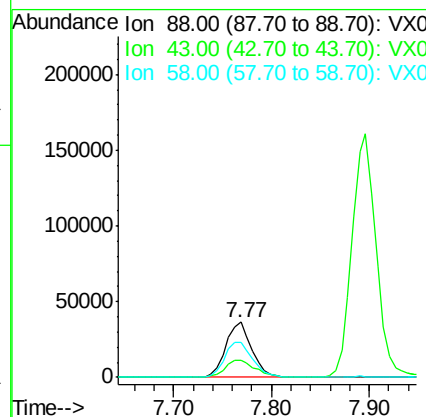
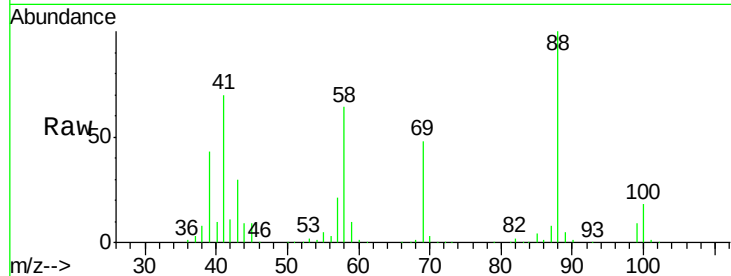




#49
1,4-Dioxane
Concen: 991.563 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

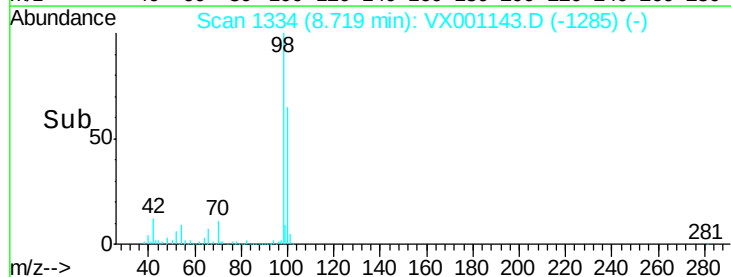
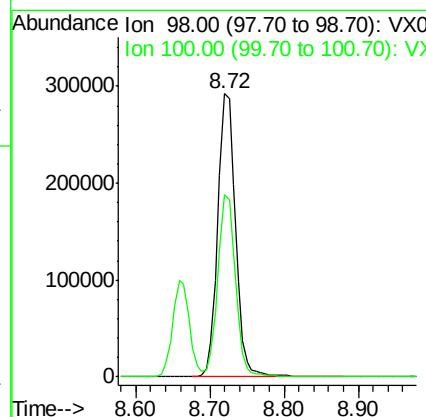
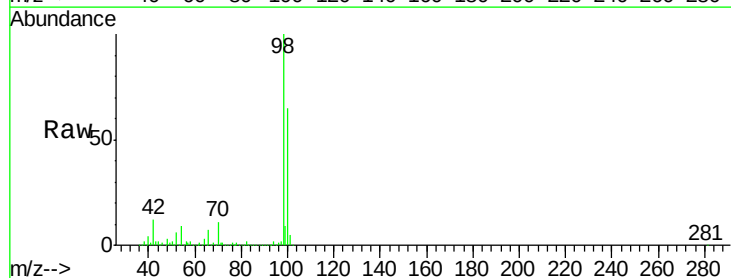
Instrument :
MSVOA_X
ClientSampled :

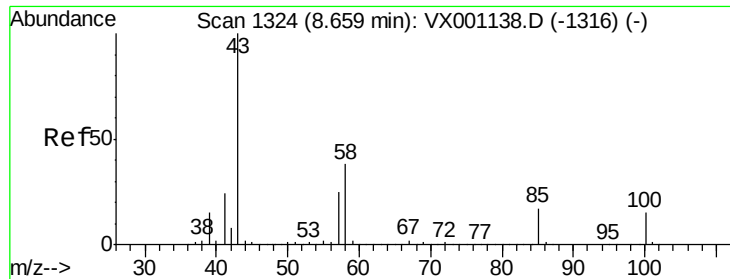
Tot Ion: 88 Resp: 67240
Ion Ratio Lower Upper
88 100
43 35.6 27.3 40.9
58 69.4 54.2 81.4



#50
Toluene-d8
Concen: 49.924 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 98 Resp: 479463
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 255.023 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

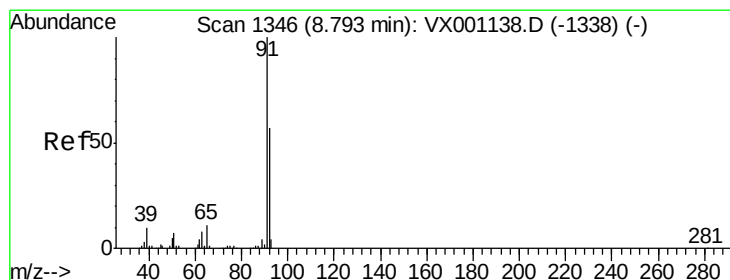
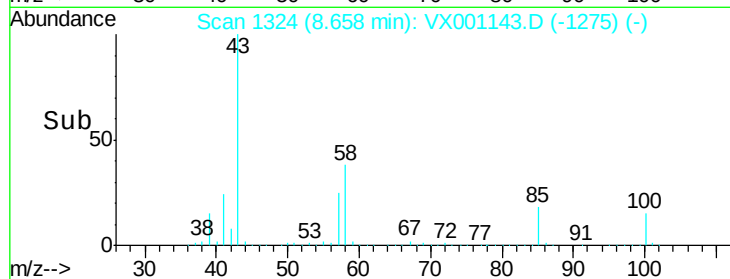
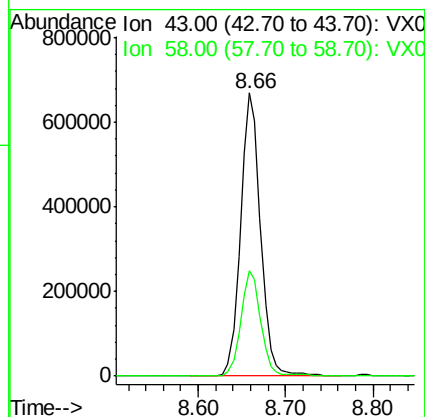
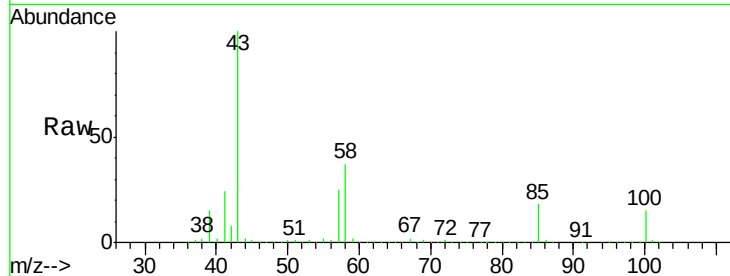
ClientSampleId :

Tot Ion: 43 Resp: 1067462

Ion Ratio Lower Upper

43 100

58 36.9 30.2 45.2



#52

Toluene

Concen: 51.306 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001143.D

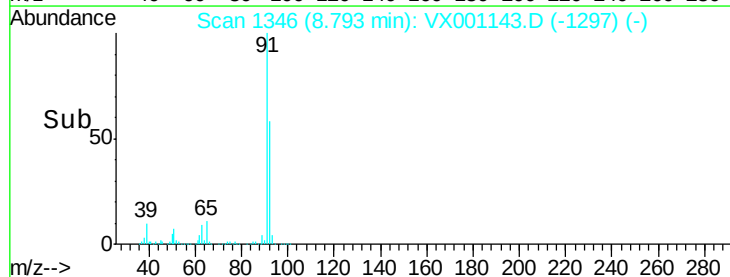
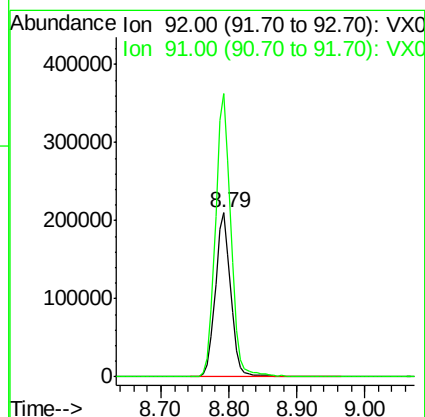
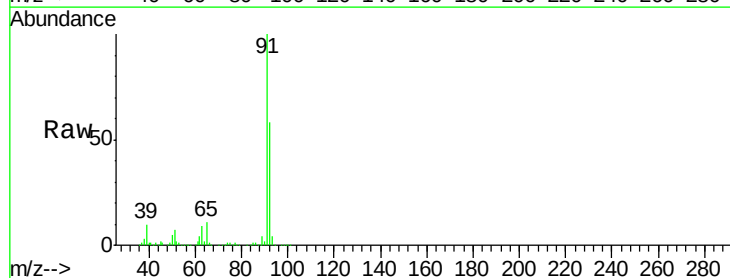
Acq: 26 Apr 2018 22:11

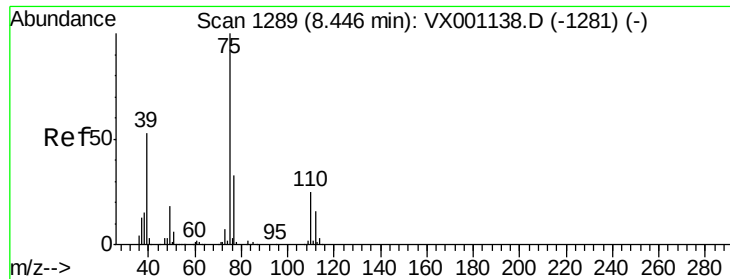
Tgt Ion: 92 Resp: 328836

Ion Ratio Lower Upper

92 100

91 174.3 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 53.592 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

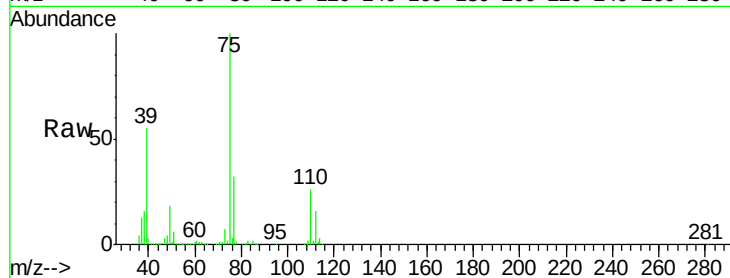
ClientSampled :

Tot Ion: 75 Resp: 202069

Ion Ratio Lower Upper

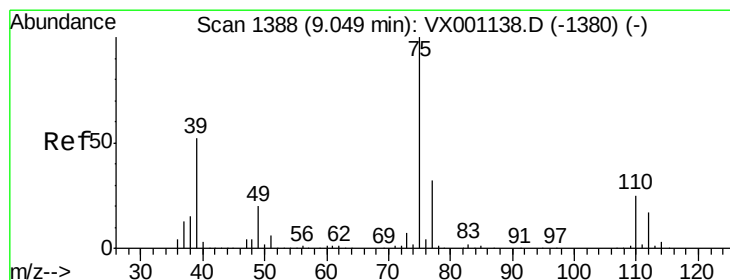
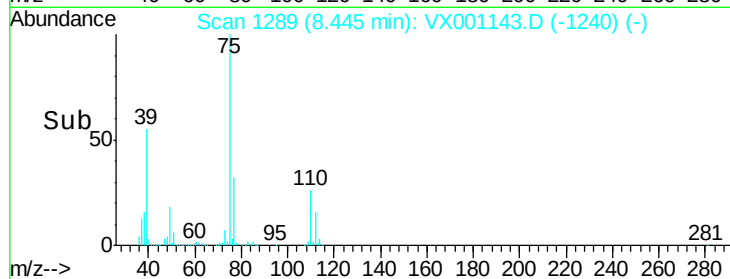
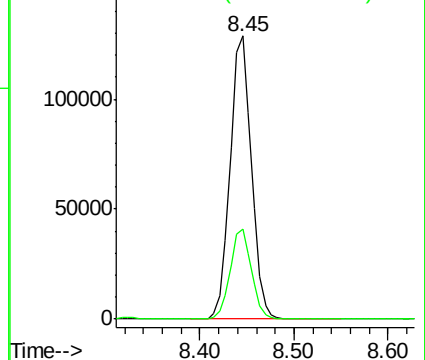
75 100

77 31.8 26.2 39.4



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: 47.191 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

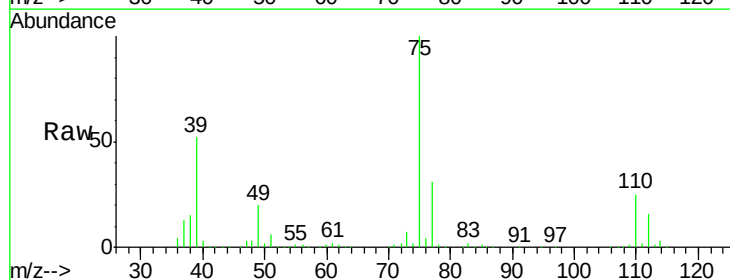
Tgt Ion: 75 Resp: 192388

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

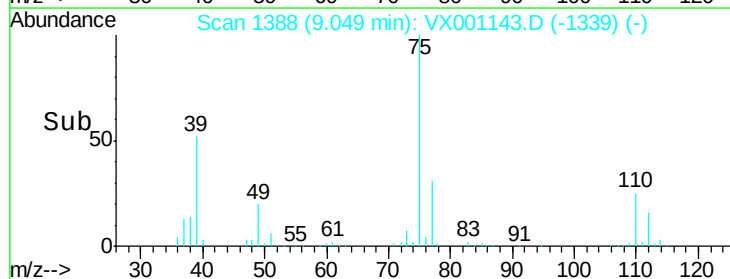
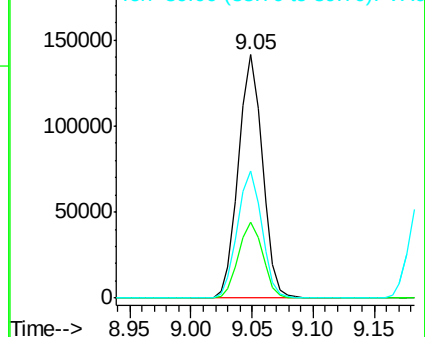
39 52.1 42.0 63.0

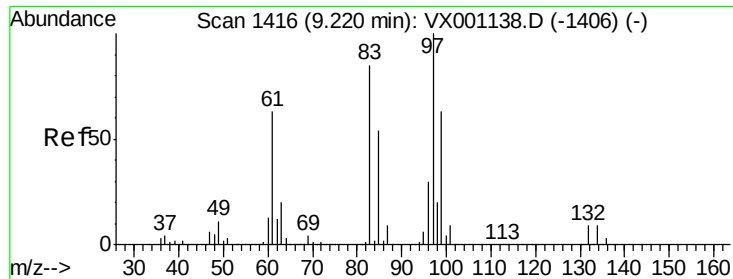


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



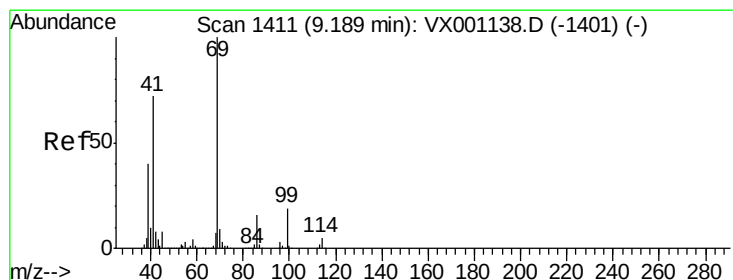
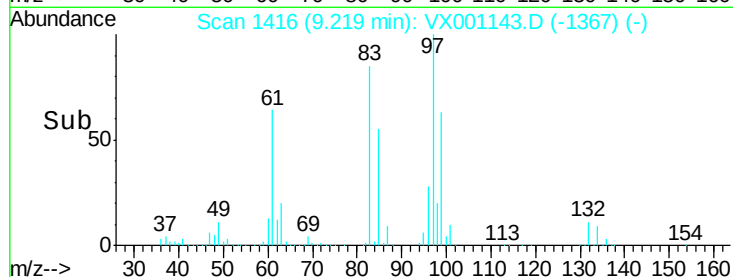
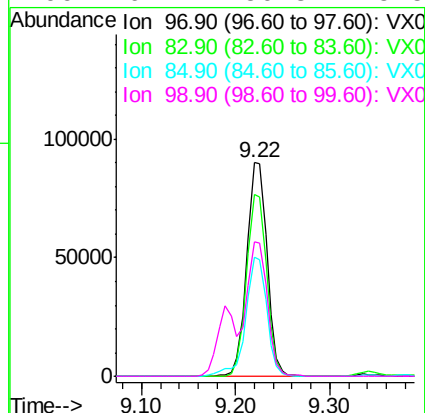
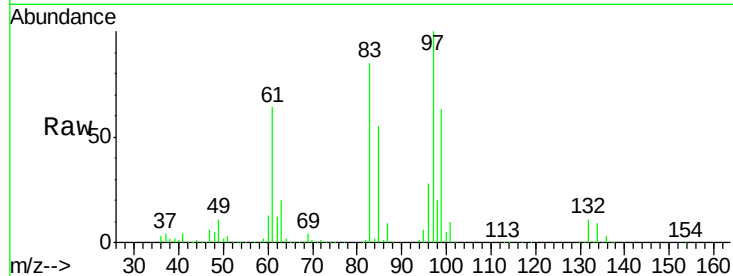


#55
 1,1,2-Trichloroethane
 Concen: 50.190 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 136099

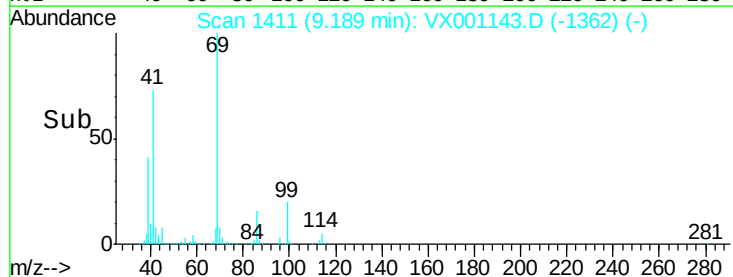
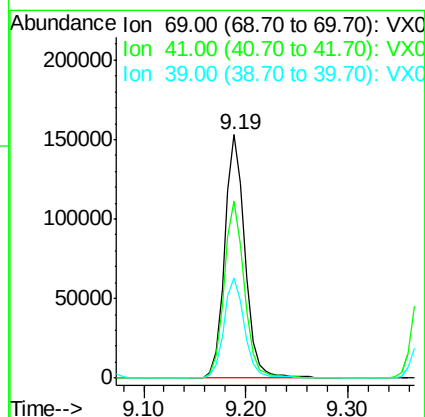
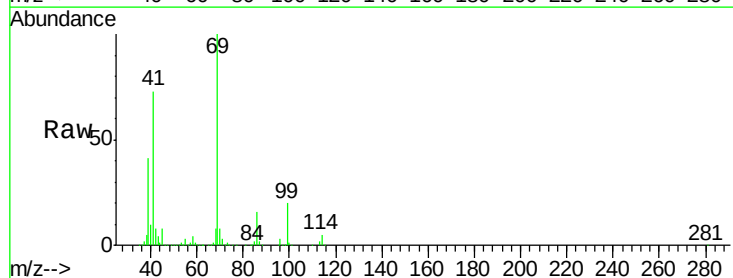
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.0	102.0
85	55.5	42.9	64.3
99	62.7	50.3	75.5

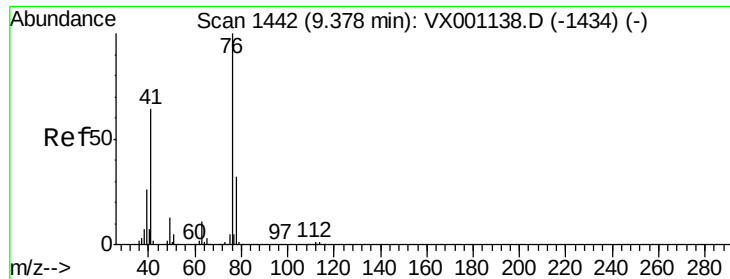


#56
 Ethyl methacrylate
 Concen: 52.638 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion: 69 Resp: 211485

Ion	Ratio	Lower	Upper
69	100		
41	72.5	57.7	86.5
39	41.6	33.3	49.9

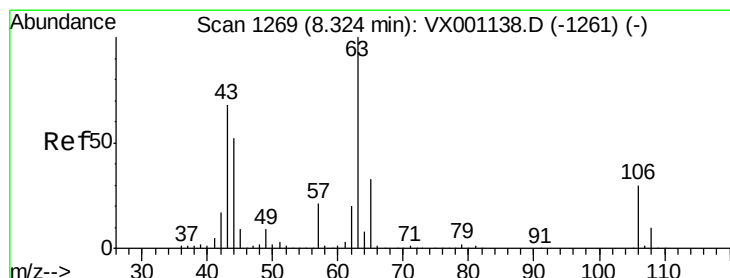
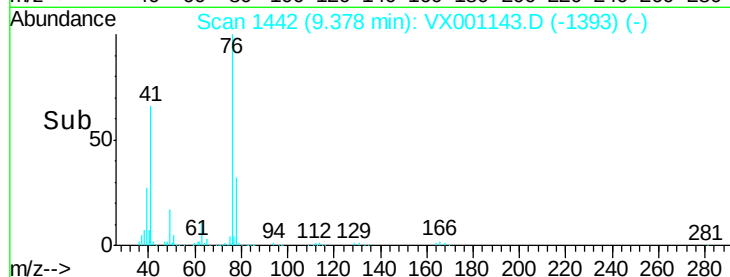
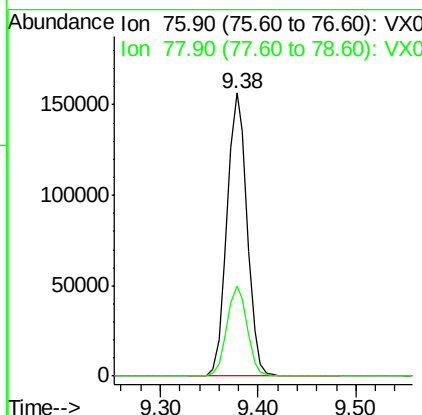
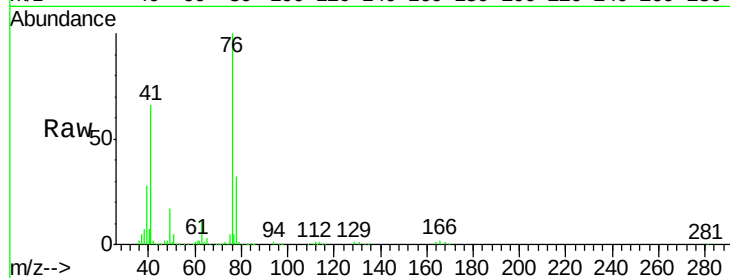




#57
 1,3-Dichloropropane
 Concen: 51.005 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

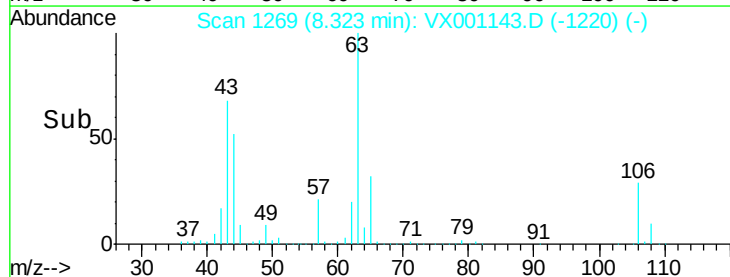
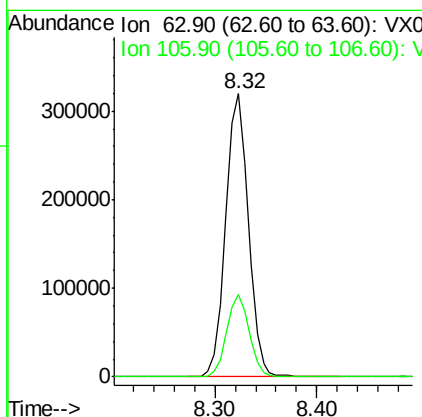
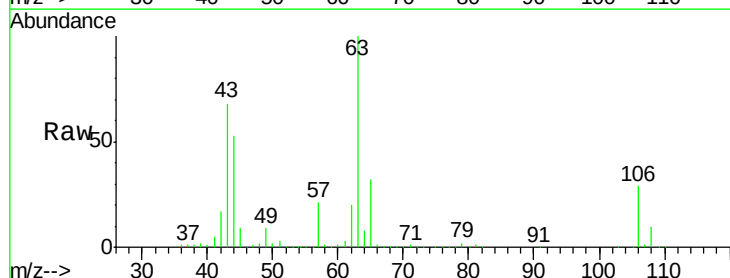
Instrument :
 MSVOA_X
 ClientSampleId :

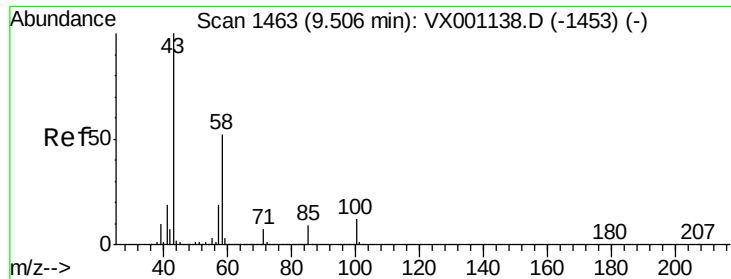
Tot Ion: 76 Resp: 223749
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.640 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion: 63 Resp: 489353
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.7 35.5

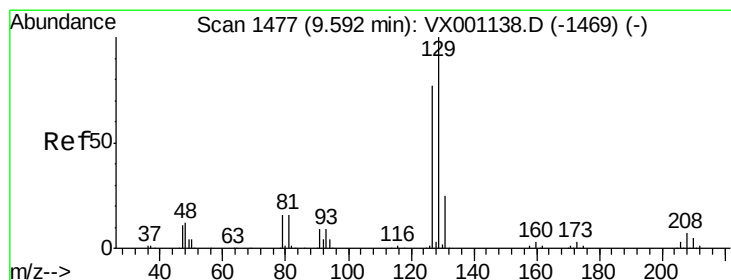
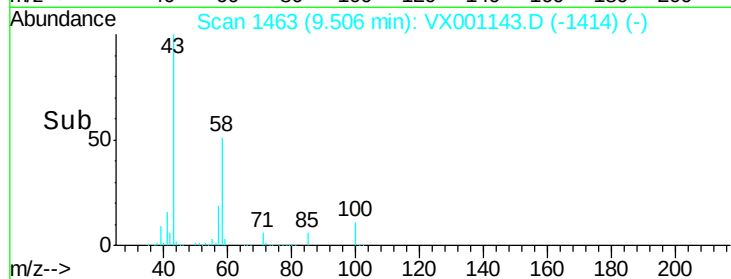
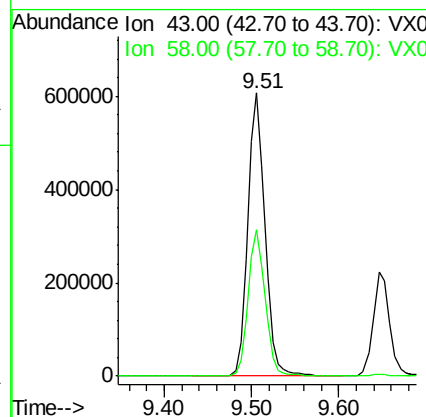
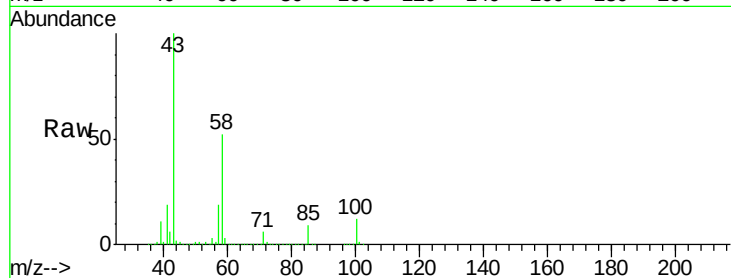




#59
2-Hexanone
Concen: 252.283 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

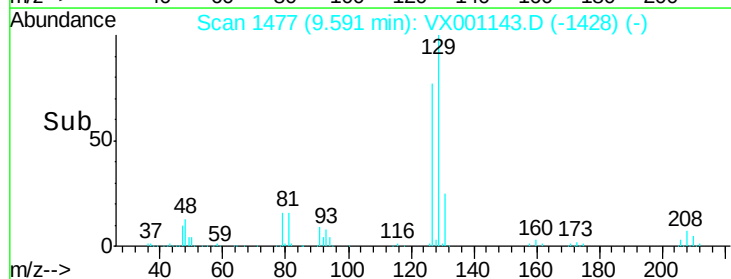
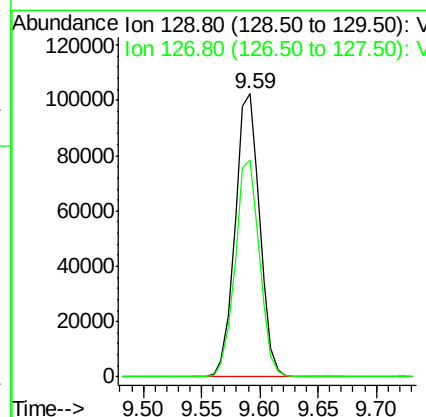
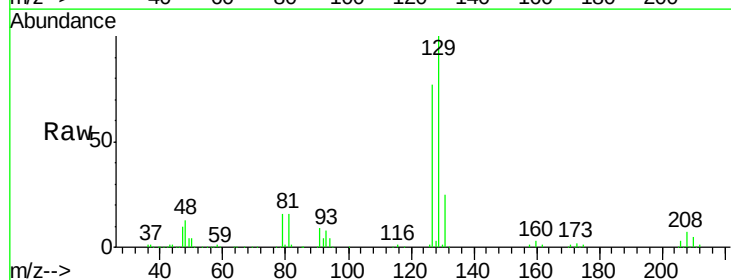
Instrument :
MSVOA_X
ClientSampleId :

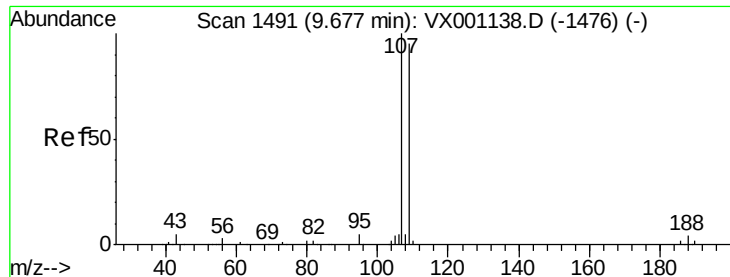
Tot Ion: 43 Resp: 827392
Ion Ratio Lower Upper
43 100
58 51.4 25.8 77.4



#60
Dibromochloromethane
Concen: 47.555 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion:129 Resp: 150077
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.557 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

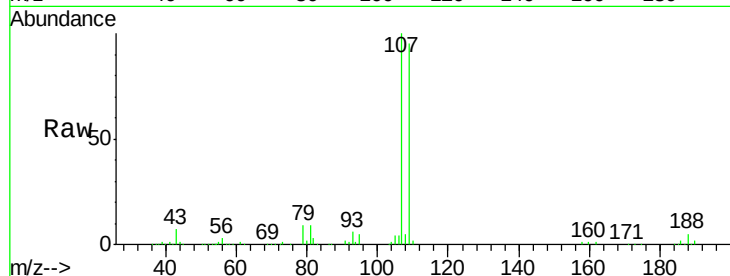
ClientSampled :

Tot Ion:107 Resp: 149310

Ion Ratio Lower Upper

107 100

109 94.3 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

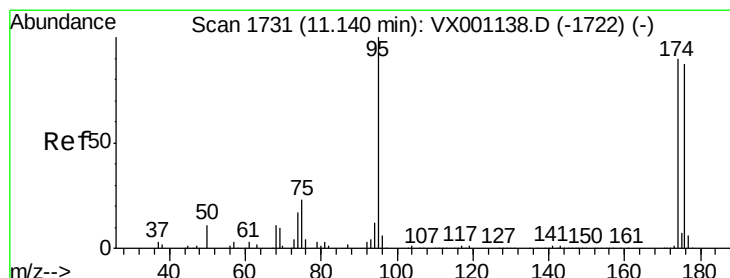
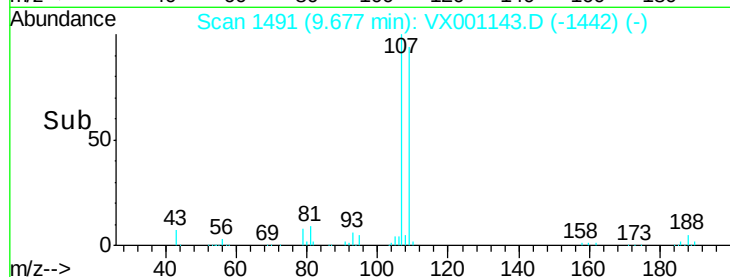
40000

20000

0

9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 50.557 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

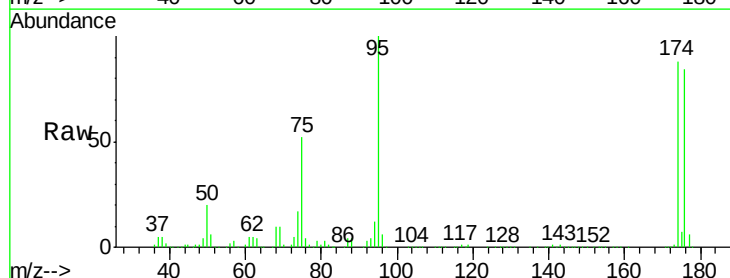
Tgt Ion: 95 Resp: 189676

Ion Ratio Lower Upper

95 100

174 97.5 0.0 194.4

176 94.0 0.0 190.2



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

200000

150000

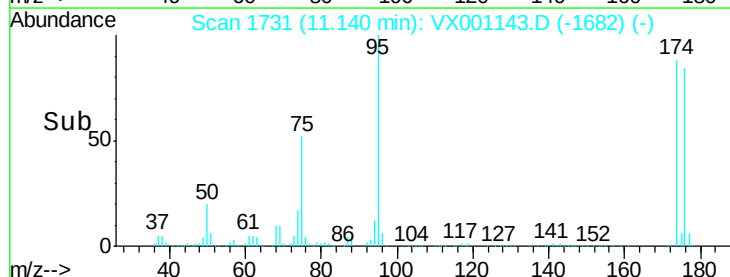
100000

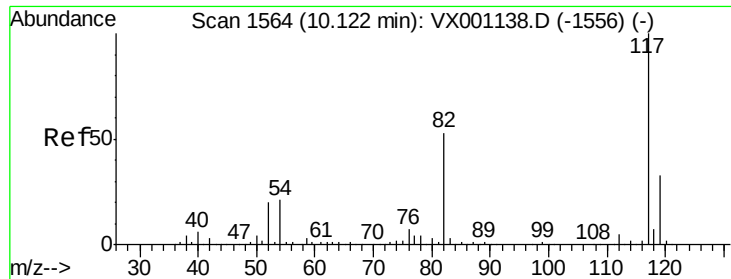
50000

0

11.10 11.20

Time-->

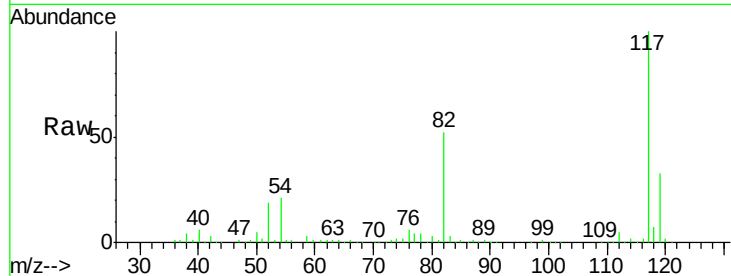




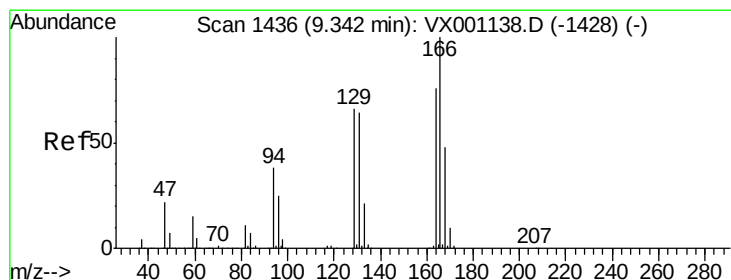
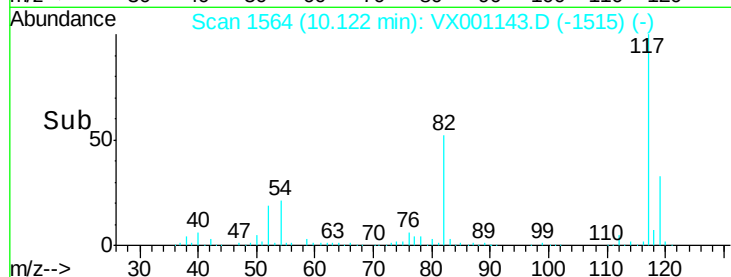
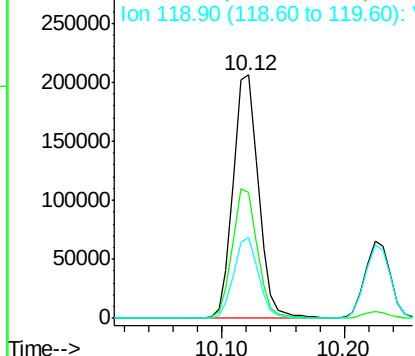
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 295063
Ion Ratio Lower Upper
117 100
82 51.6 42.1 63.1
119 33.5 26.1 39.1

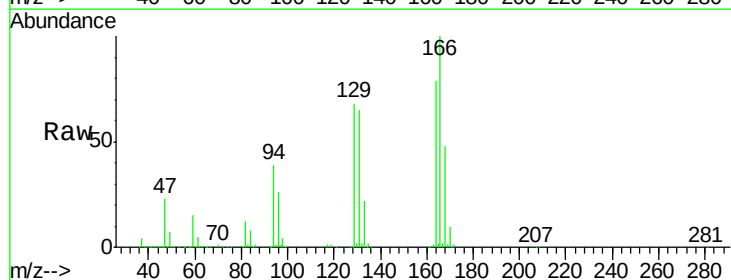


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

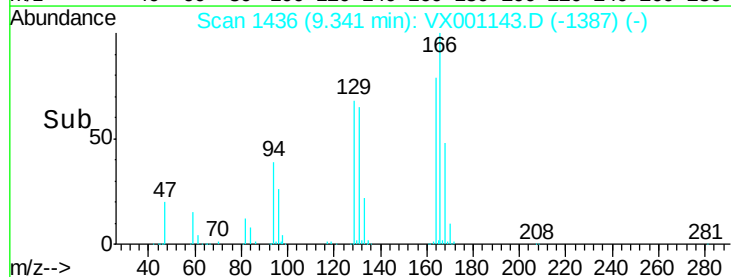
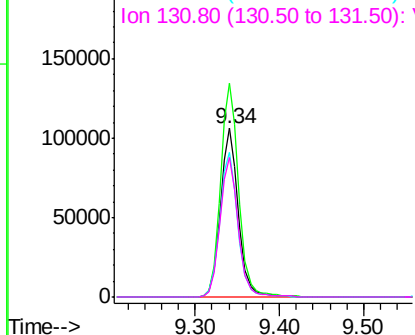


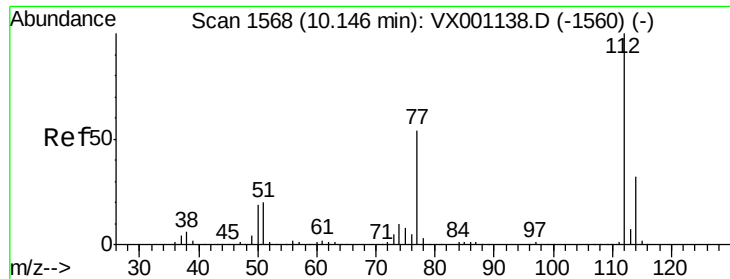
#64
Tetrachloroethene
Concen: 48.993 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion:164 Resp: 154307
Ion Ratio Lower Upper
164 100
166 126.5 105.0 157.6
129 86.1 69.4 104.2
131 82.8 67.3 100.9



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

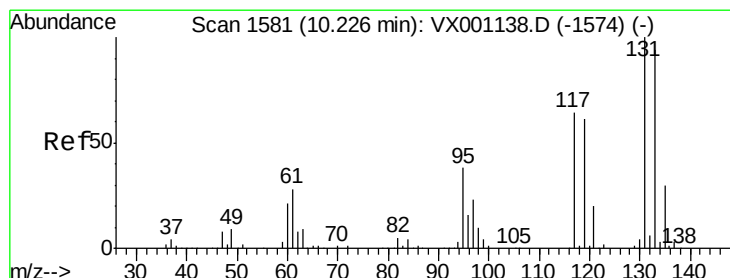
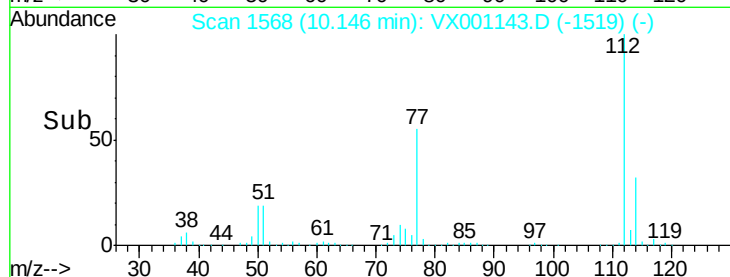
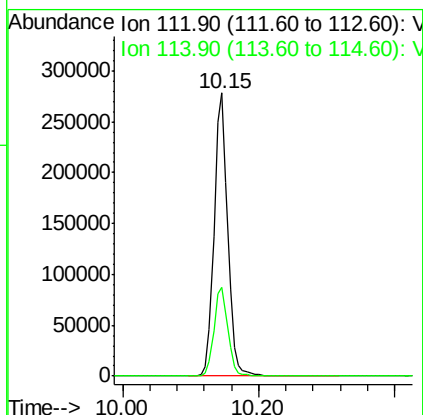
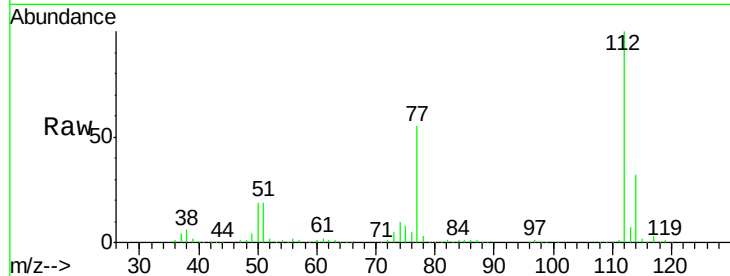




#65
Chlorobenzene
Concen: 49.993 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

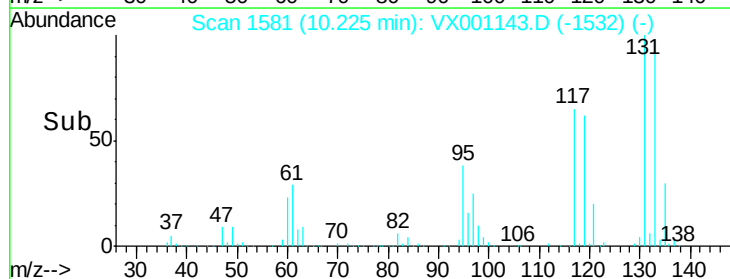
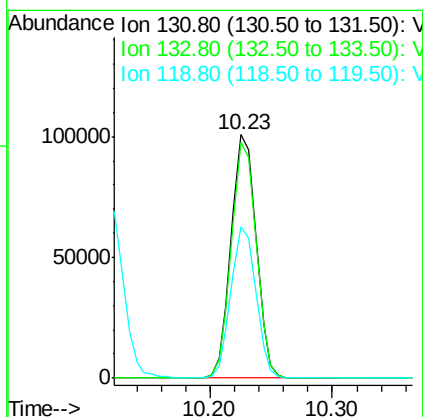
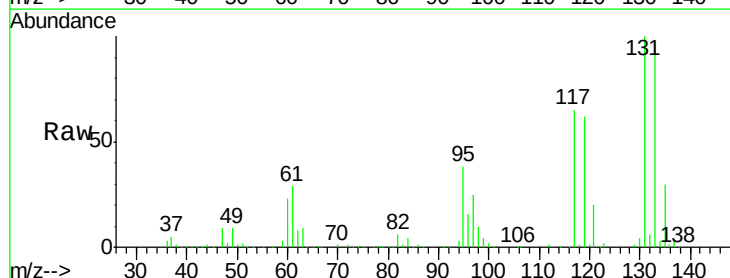
Instrument :
MSVOA_X
ClientSampleId :

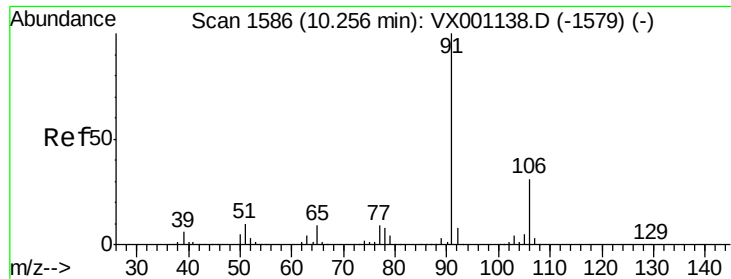
Tot Ion:112 Resp: 386474
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.471 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion:131 Resp: 143016
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.4
119 62.1 31.3 93.8





#67

Ethyl Benzene

Concen: 50.953 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

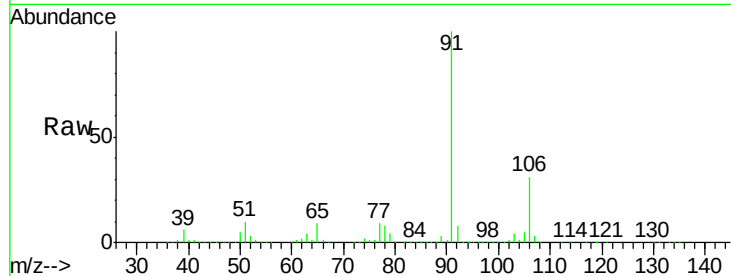
ClientSampled :

Tot Ion: 91 Resp: 639985

Ion Ratio Lower Upper

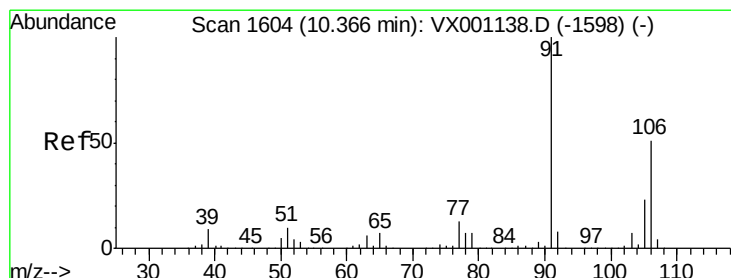
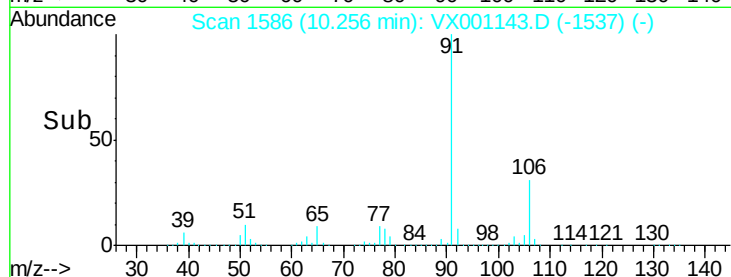
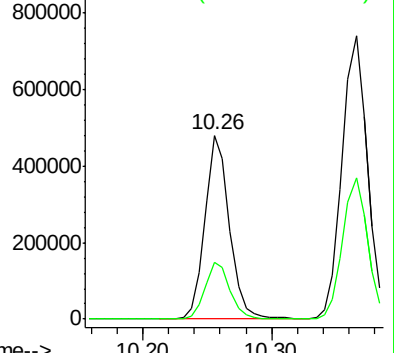
91 100

106 30.9 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.949 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001143.D

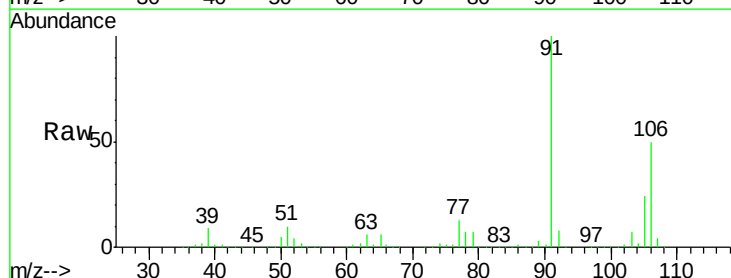
Acq: 26 Apr 2018 22:11

Tgt Ion: 106 Resp: 506237

Ion Ratio Lower Upper

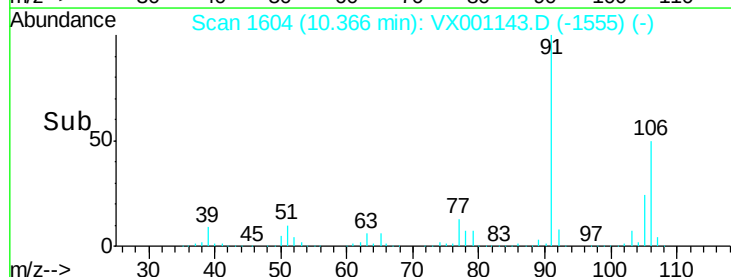
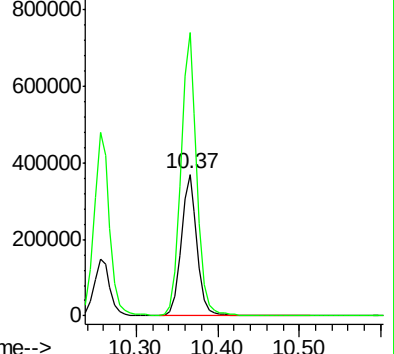
106 100

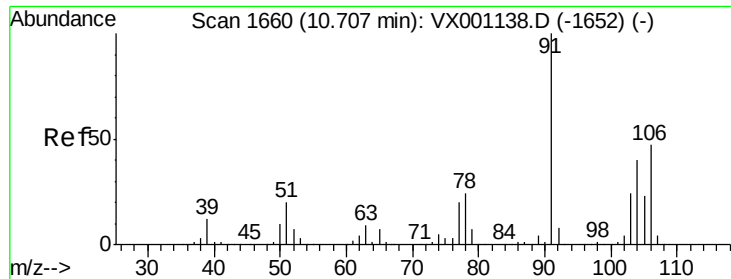
91 201.3 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

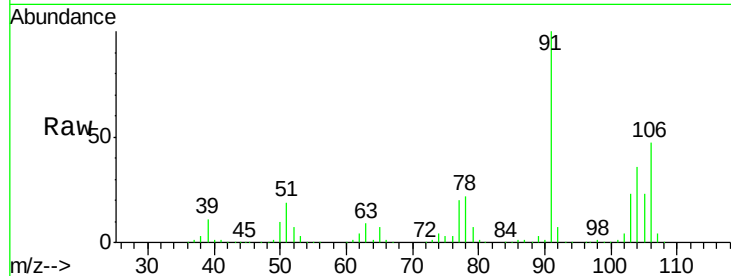




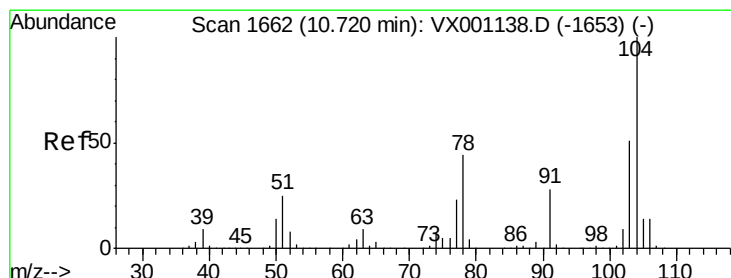
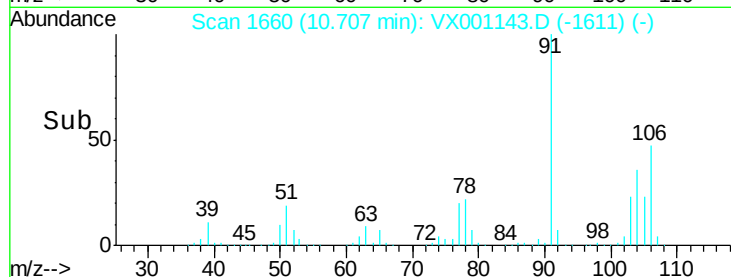
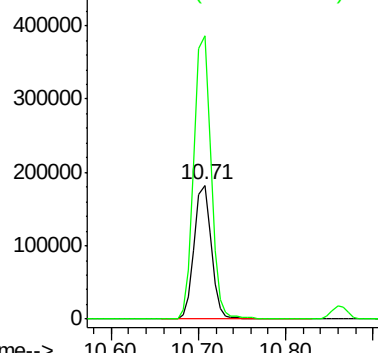
#69
o-Xylene
Concen: 51.598 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 248509
Ion Ratio Lower Upper
106 100
91 211.6 106.2 318.5

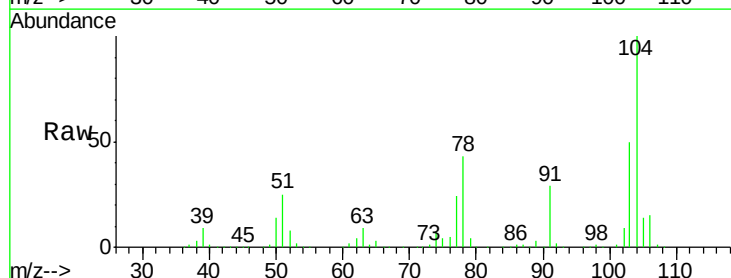


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

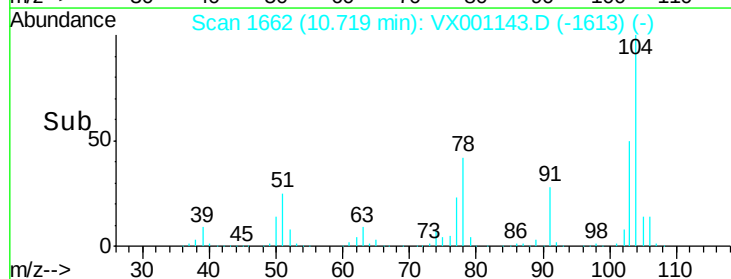
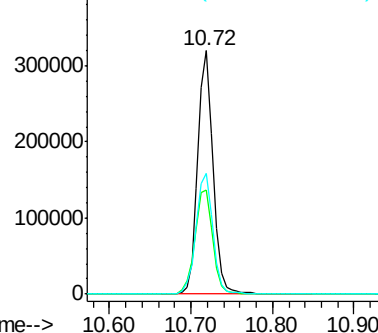


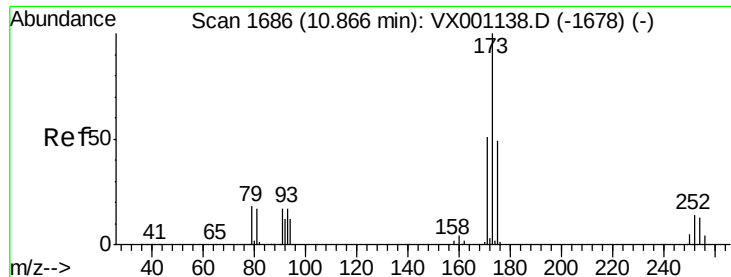
#70
Styrene
Concen: 51.906 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion:104 Resp: 416044
Ion Ratio Lower Upper
104 100
78 50.0 40.3 60.5
103 55.1 44.3 66.5



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: 45.174 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

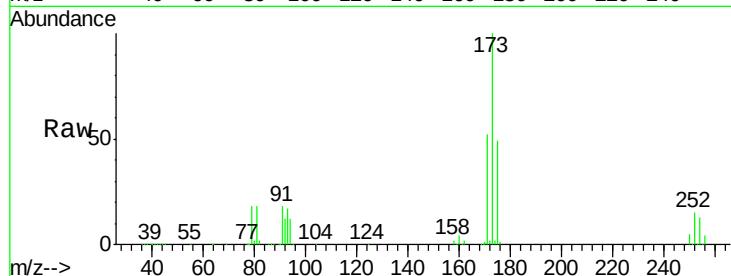
Tot Ion:173 Resp: 125604

Ion Ratio Lower Upper

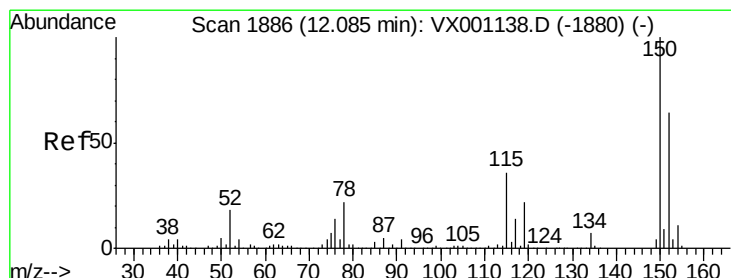
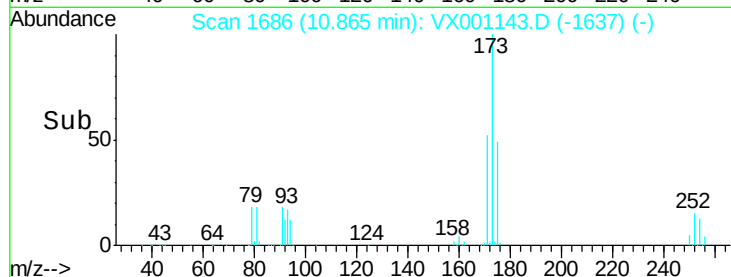
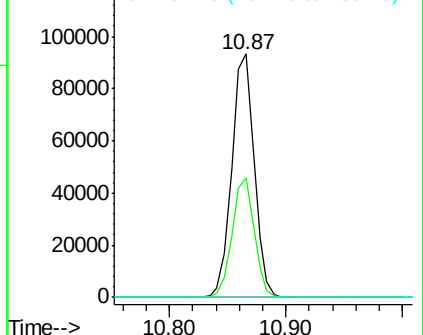
173 100

175 48.6 24.6 73.8

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

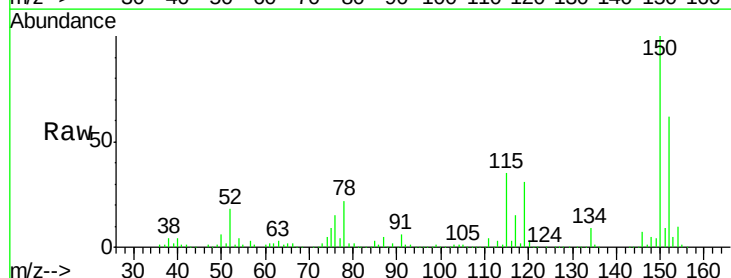
Tgt Ion:152 Resp: 198689

Ion Ratio Lower Upper

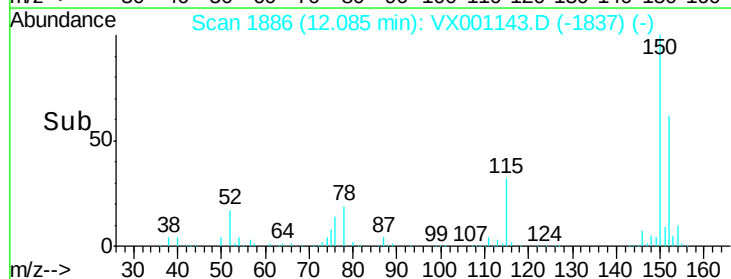
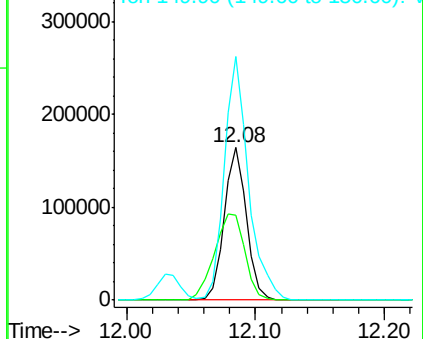
152 100

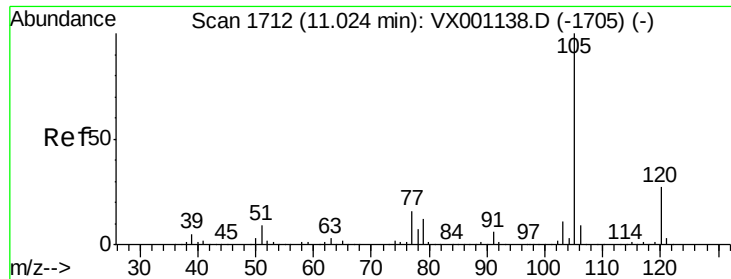
115 77.3 38.0 114.0

150 174.4 0.0 349.6



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

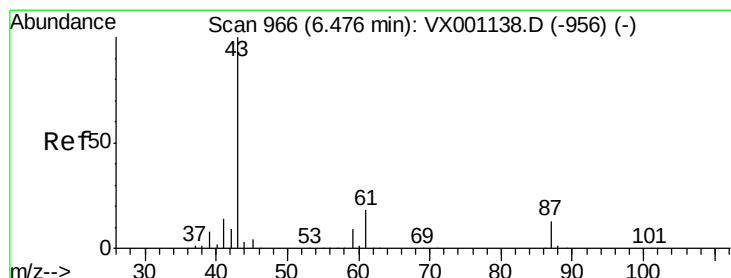
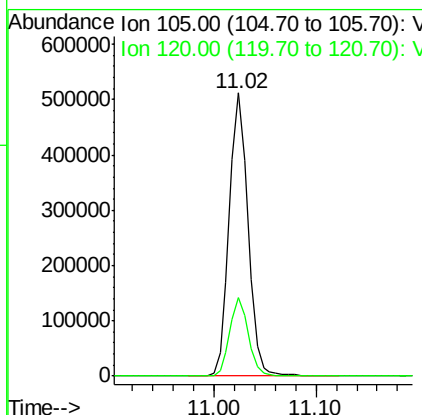
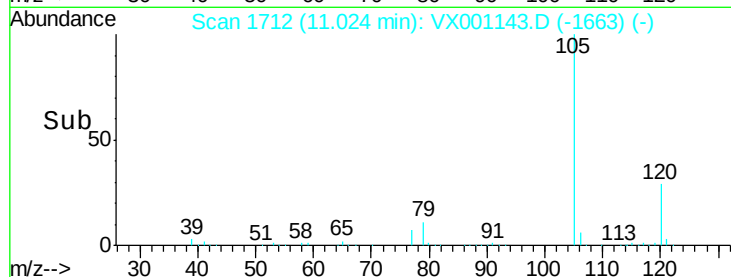
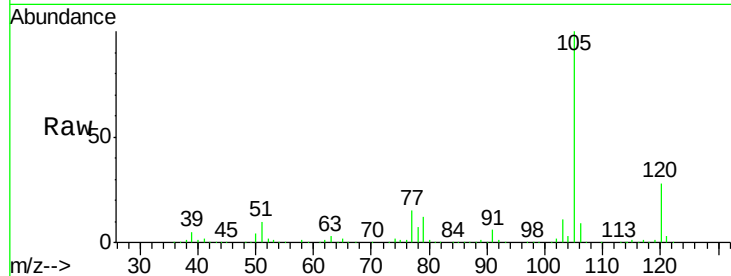




#73
Isopropylbenzene
Concen: 50.538 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

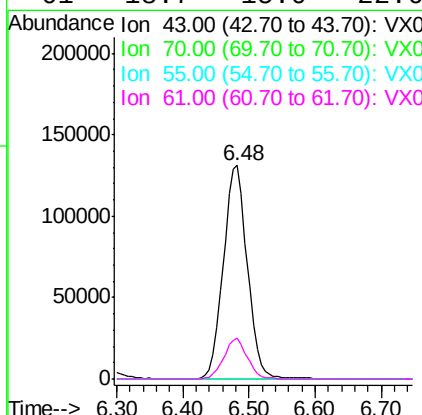
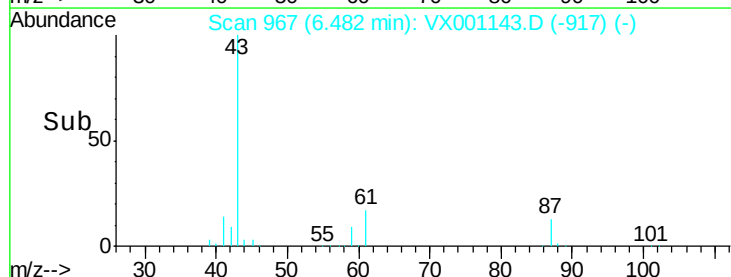
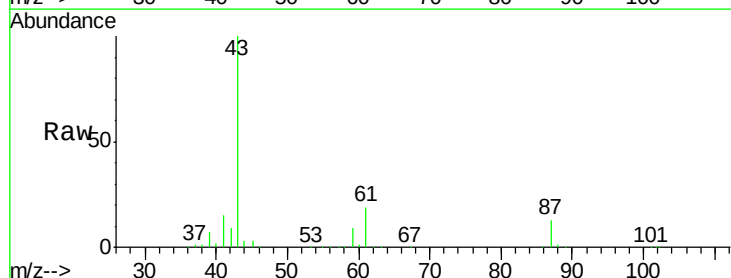
Instrument :
MSVOA_X
ClientSampleId :

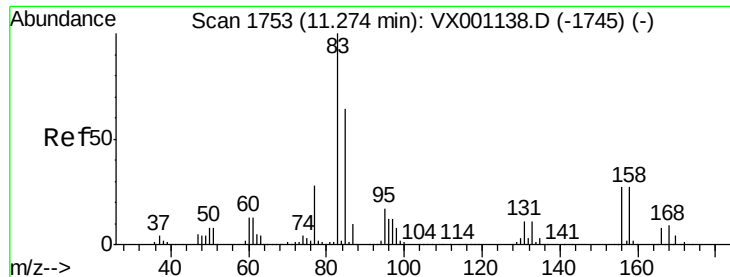
Tot Ion:105 Resp: 654478
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8



#74
N-amyl acetate
Concen: 50.161 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 43 Resp: 327333
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.0 0.0#
61 18.7 15.0 22.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.863 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

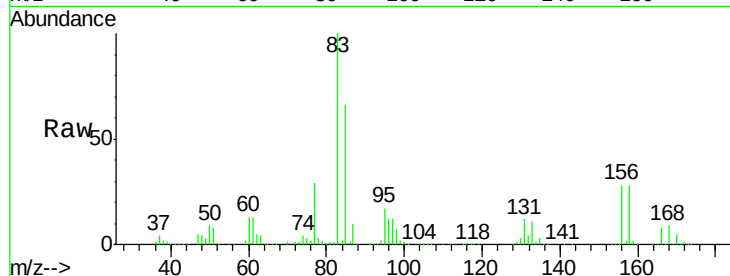
Tot Ion: 83 Resp: 214251

Ion Ratio Lower Upper

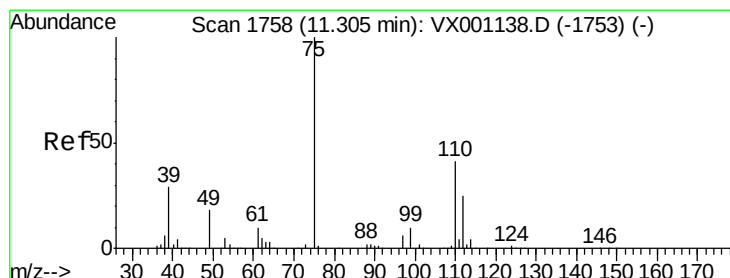
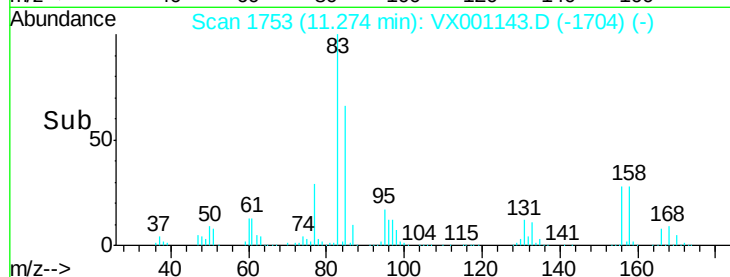
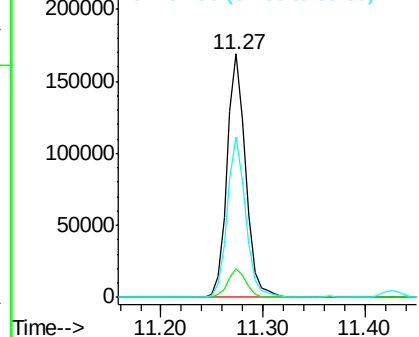
83 100

131 11.6 5.8 17.4

85 65.1 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 49.828 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001143.D

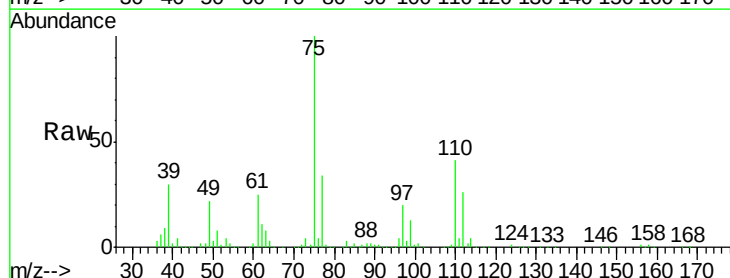
Acq: 26 Apr 2018 22:11

Tgt Ion: 75 Resp: 201596

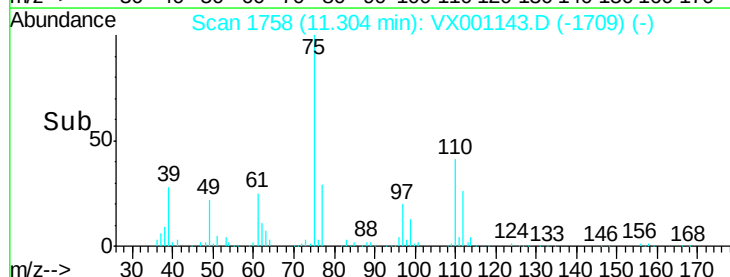
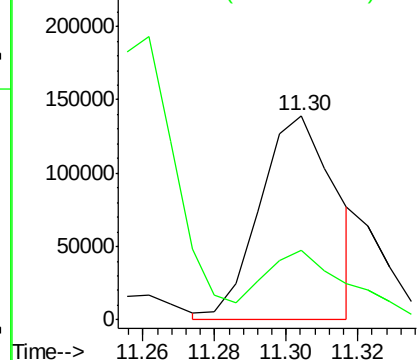
Ion Ratio Lower Upper

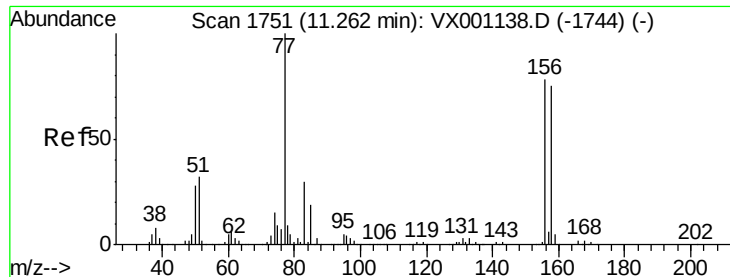
75 100

77 38.2 18.9 56.9



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





#77

Bromobenzene

Concen: 50.235 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampled :

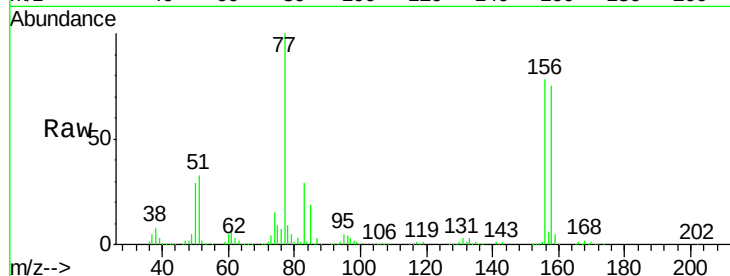
Tot Ion:156 Resp: 192917

Ion Ratio Lower Upper

156 100

77 135.1 67.8 203.2

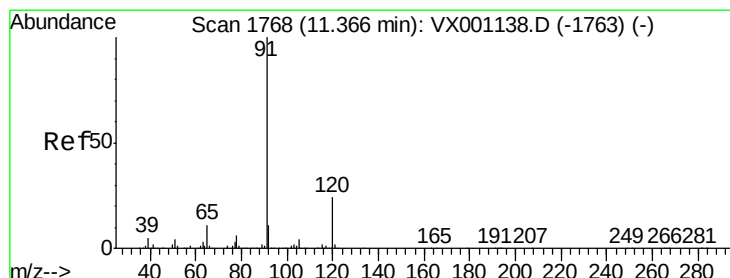
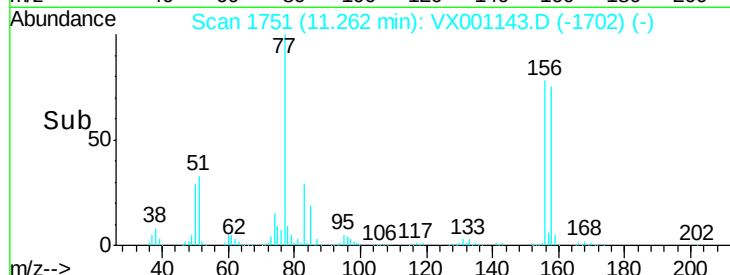
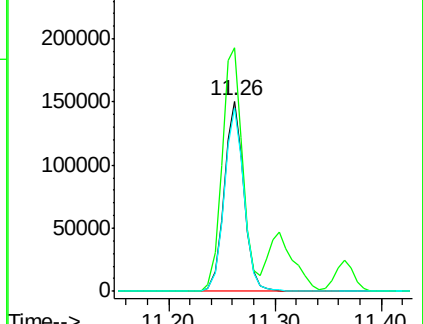
158 97.3 48.9 146.7



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: 51.368 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001143.D

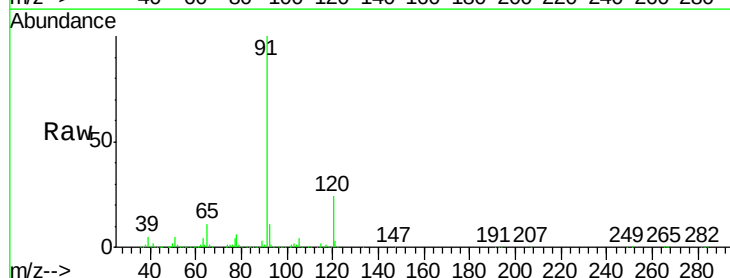
Acq: 26 Apr 2018 22:11

Tgt Ion: 91 Resp: 741781

Ion Ratio Lower Upper

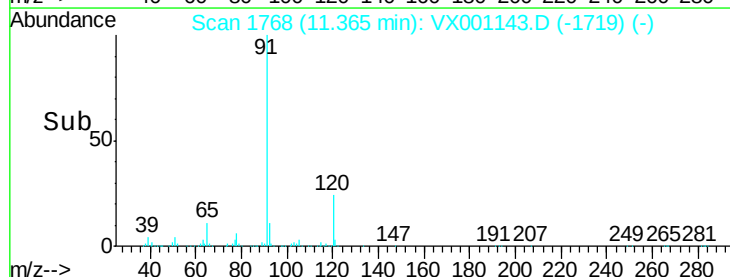
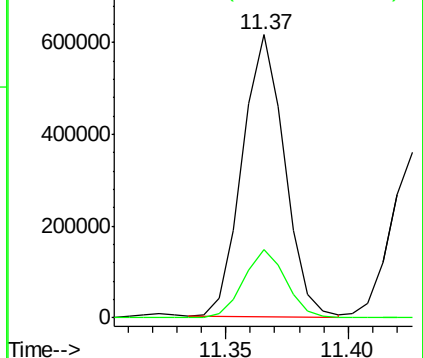
91 100

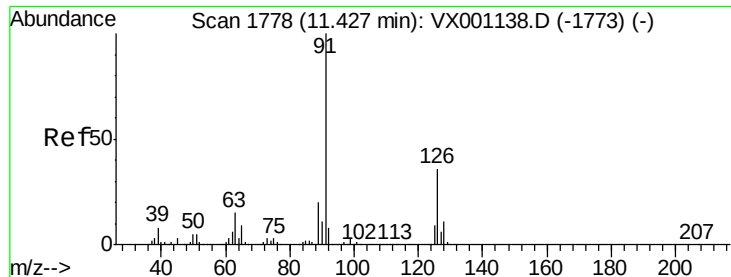
120 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.293 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

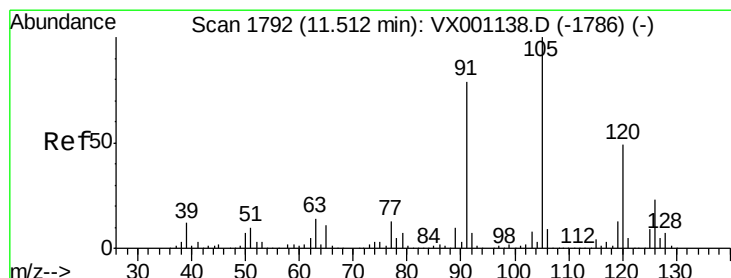
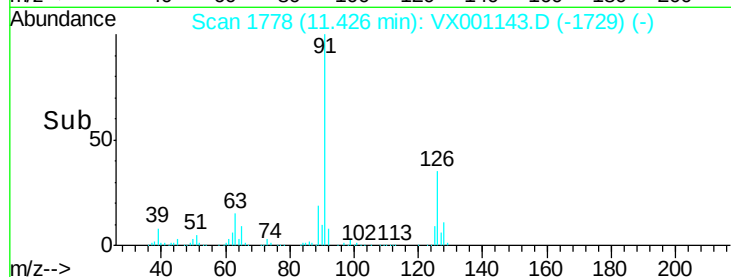
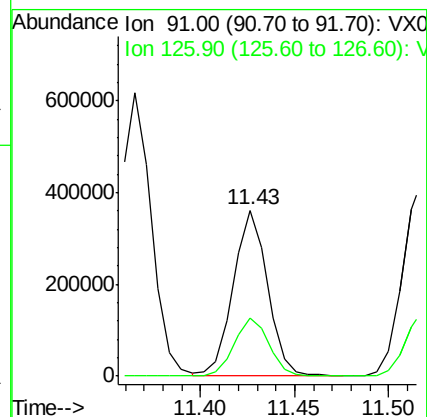
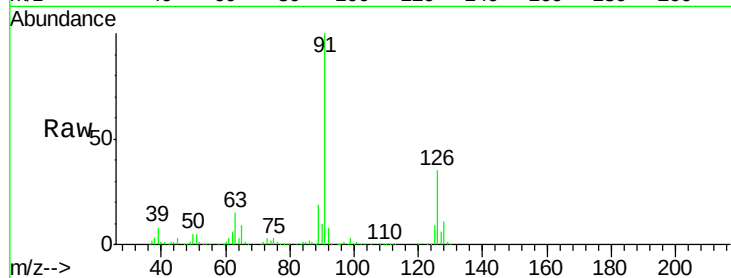
ClientSampleId :

Tot Ion: 91 Resp: 450203

Ion Ratio Lower Upper

91 100

126 36.2 18.2 54.6



#80

1,3,5-Trimethylbenzene

Concen: 51.480 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001143.D

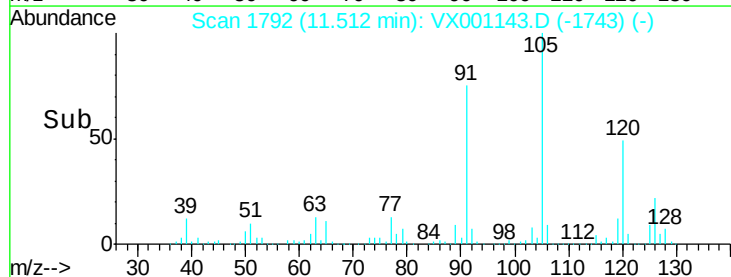
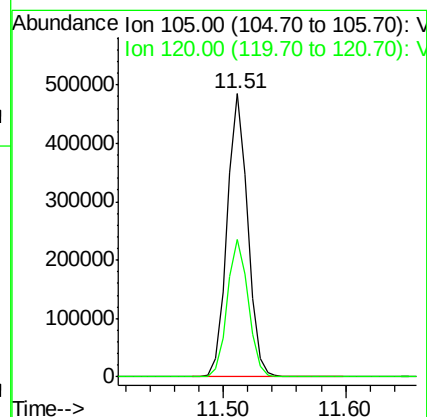
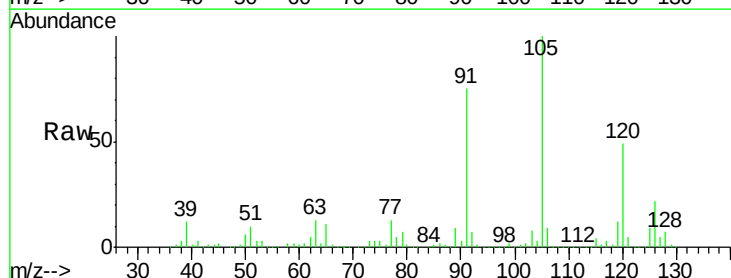
Acq: 26 Apr 2018 22:11

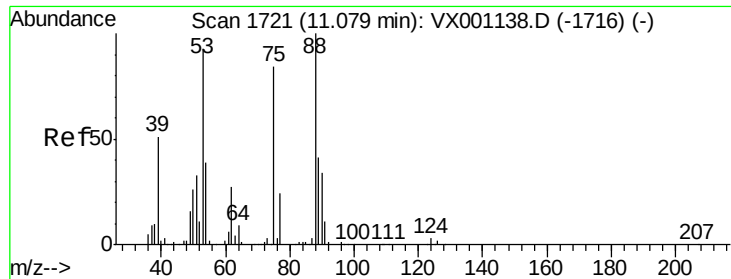
Tgt Ion: 105 Resp: 564455

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0

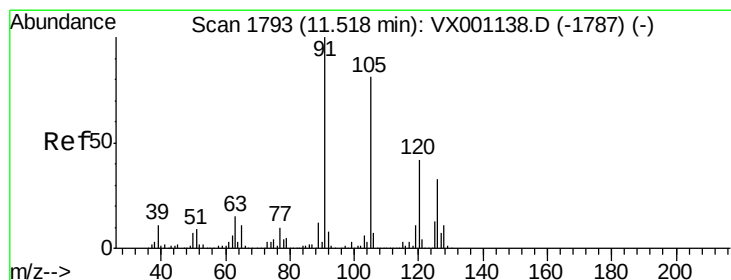
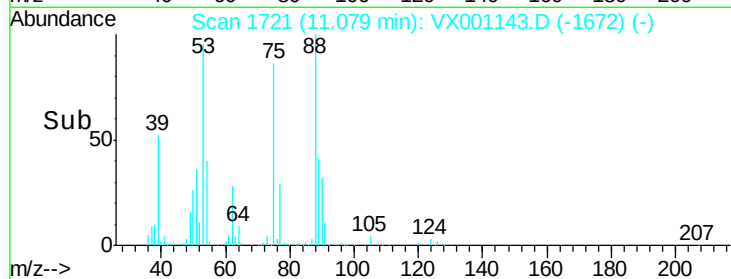
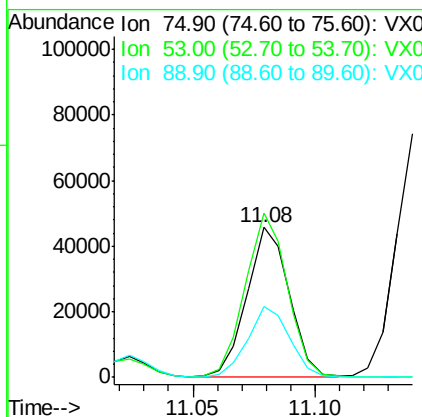
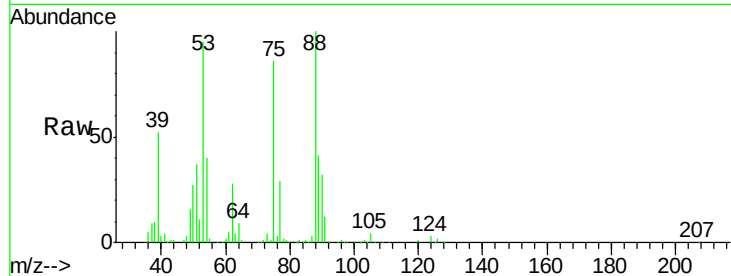




#81
trans-1,4-Dichloro-2-butene
Concen: 43.824 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

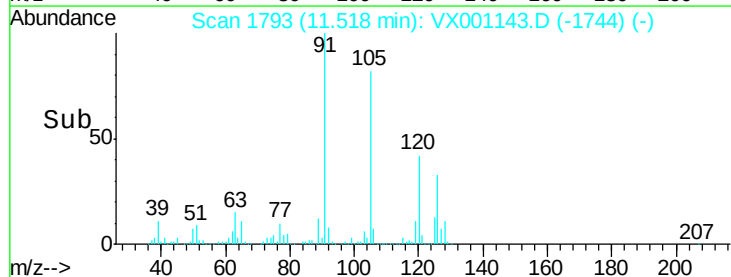
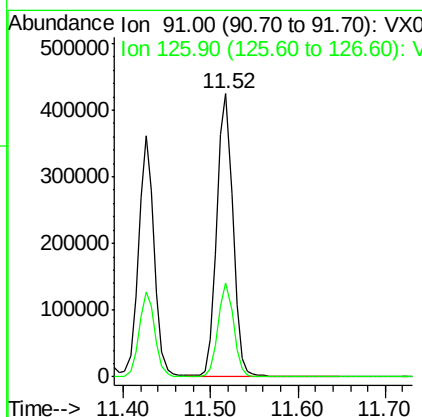
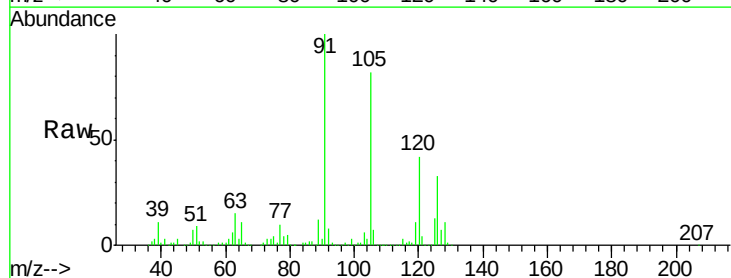
Instrument :
MSVOA_X
ClientSampled :

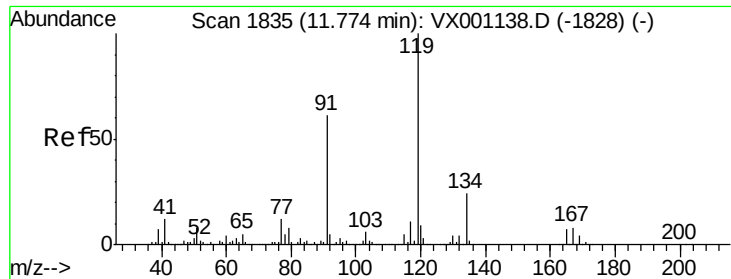
Tot Ion: 75 Resp: 54862
Ion Ratio Lower Upper
75 100
53 109.5 87.9 131.9
89 47.5 37.7 56.5



#82
4-Chlorotoluene
Concen: 50.651 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 91 Resp: 538921
Ion Ratio Lower Upper
91 100
126 31.8 15.8 47.4

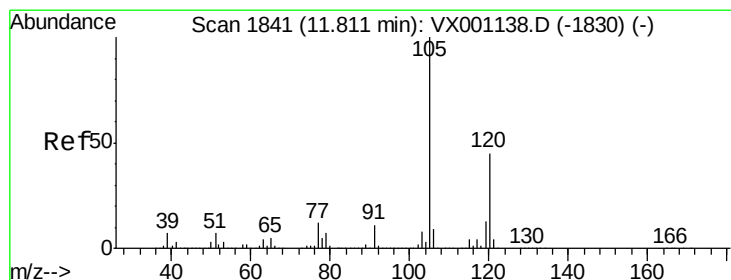
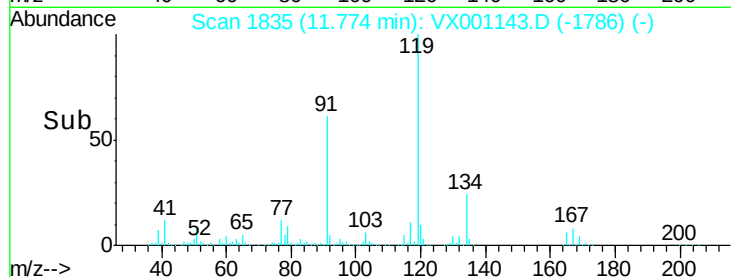
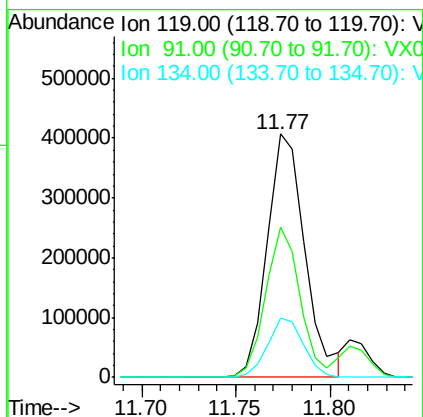
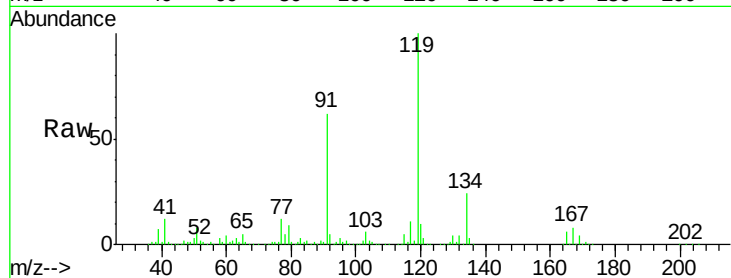




#83
 tert-Butylbenzene
 Concen: 51.744 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

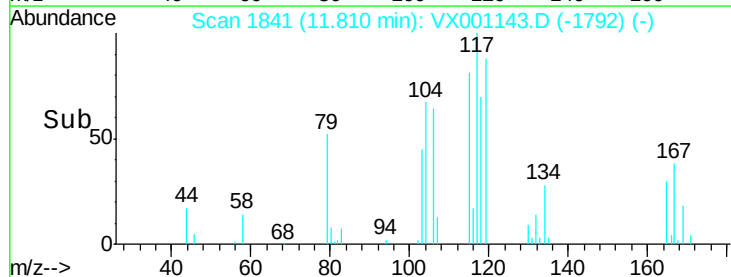
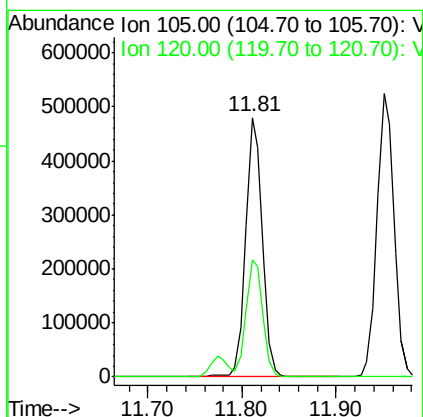
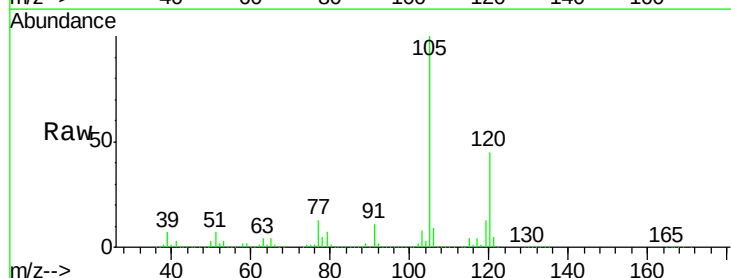
Instrument :
 MSVOA_X
 ClientSampleId :

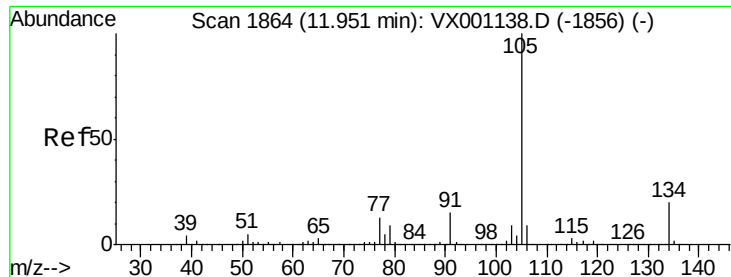
Tot Ion:119 Resp: 566185
 Ion Ratio Lower Upper
 119 100
 91 55.9 27.6 82.8
 134 23.2 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.807 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion:105 Resp: 583861
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 51.741 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

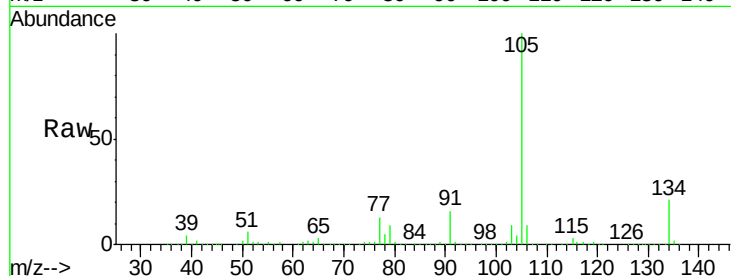
ClientSampled :

Tot Ion:105 Resp: 661362

Ion Ratio Lower Upper

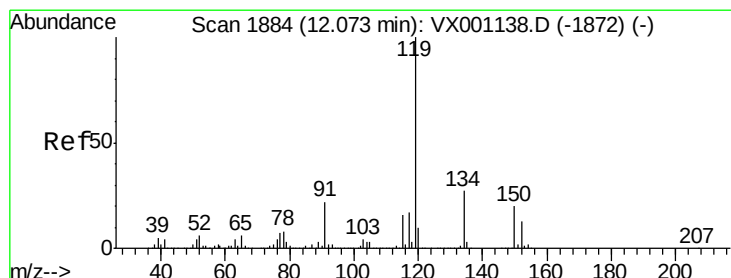
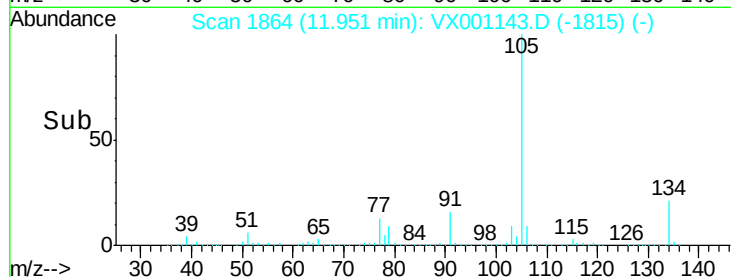
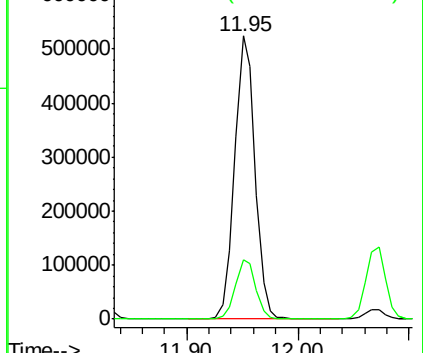
105 100

134 21.2 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.151 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

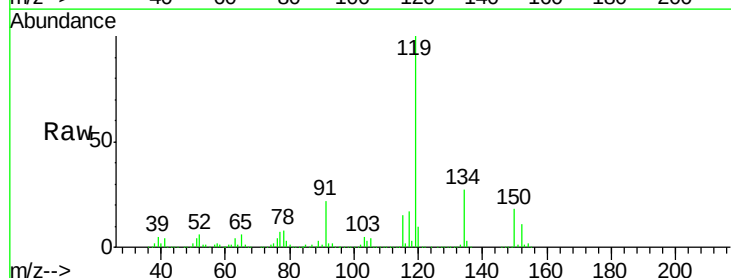
Tgt Ion:119 Resp: 608209

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

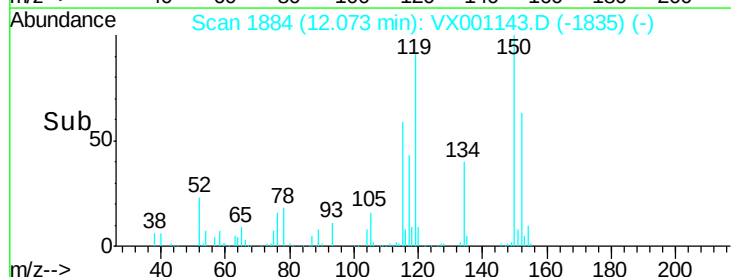
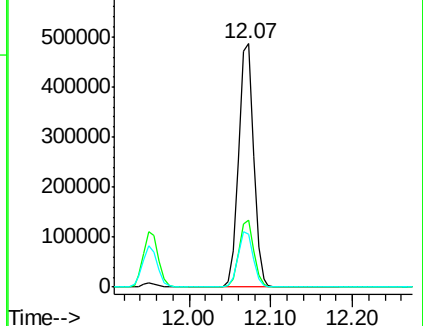
91 22.9 11.6 34.8

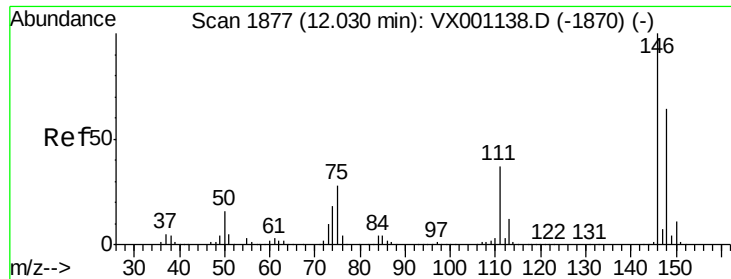


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

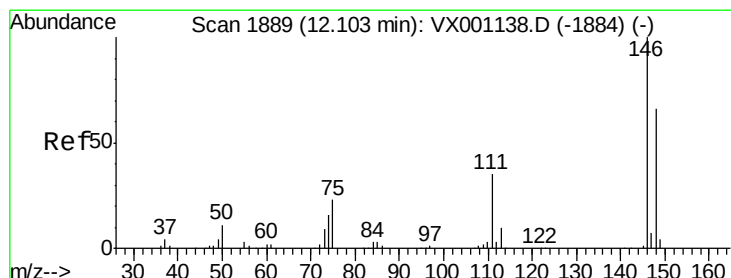
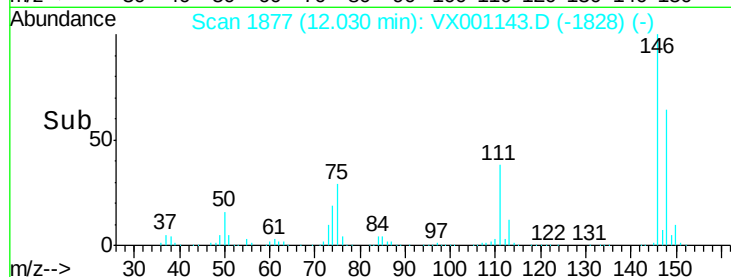
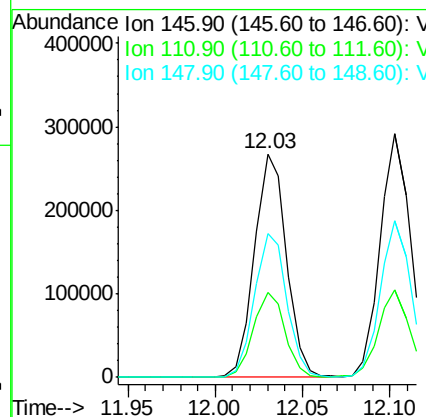
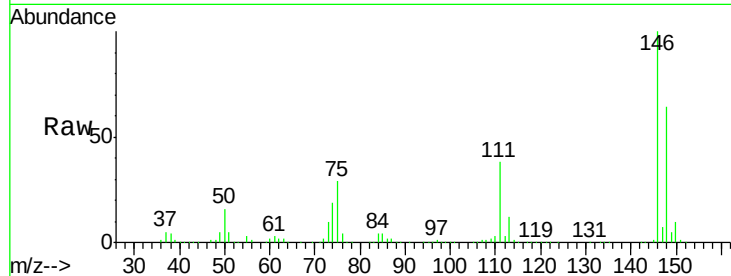




#87
 1,3-Dichlorobenzene
 Concen: 49.574 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

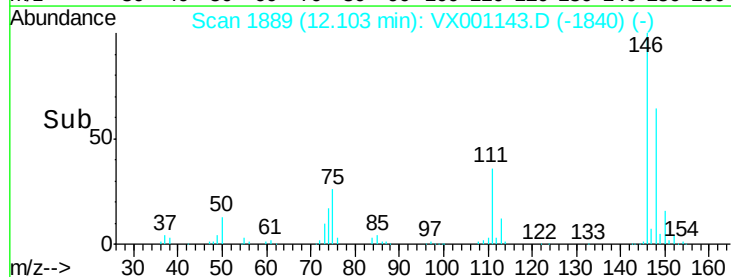
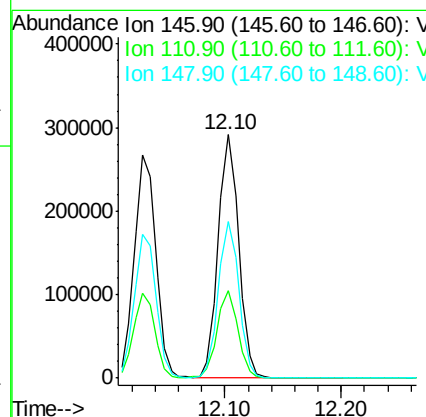
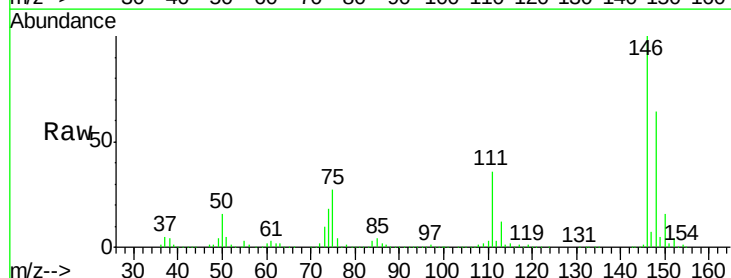
Instrument :
 MSVOA_X
 ClientSampleId :

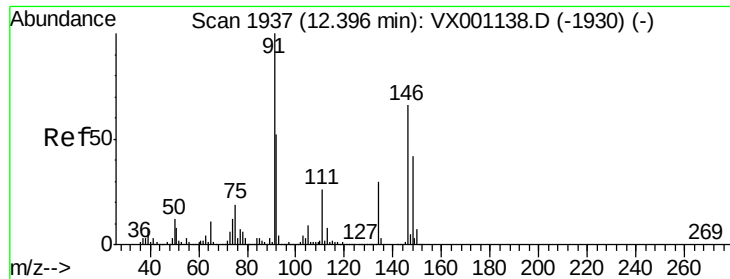
Tot Ion:146 Resp: 341784
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.6 56.0
 148 64.7 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 49.389 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion:146 Resp: 354775
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.0 54.0
 148 64.6 32.5 97.5





#89

n-Butylbenzene

Concen: 51.066 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampled :

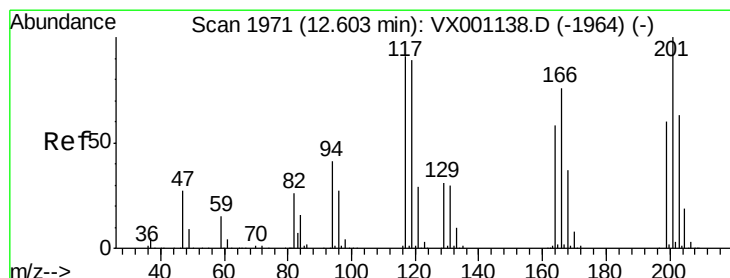
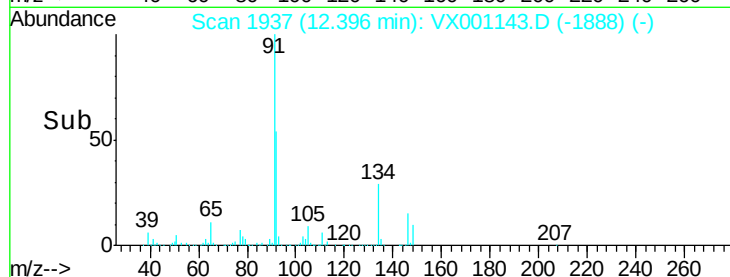
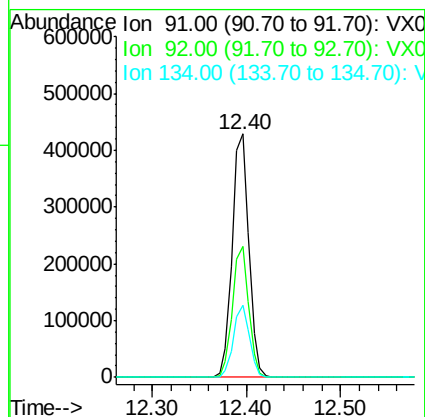
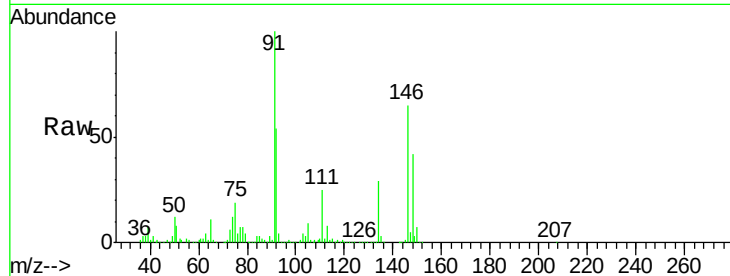
Tot Ion: 91 Resp: 525532

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.6

134 28.4 14.1 42.3



#90

Hexachloroethane

Concen: 47.751 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001143.D

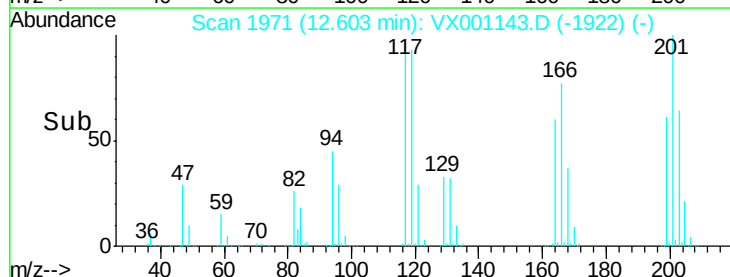
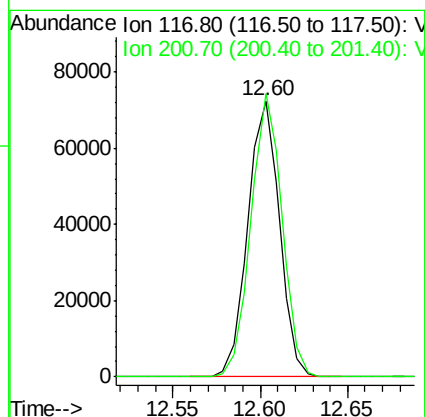
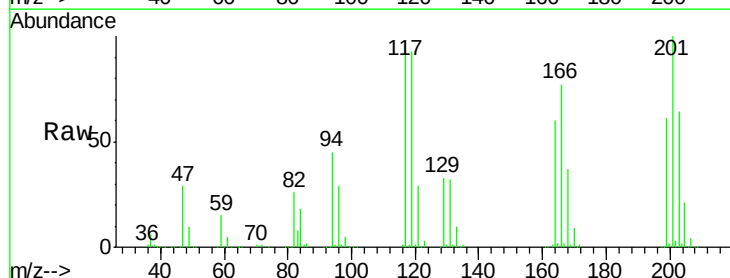
Acq: 26 Apr 2018 22:11

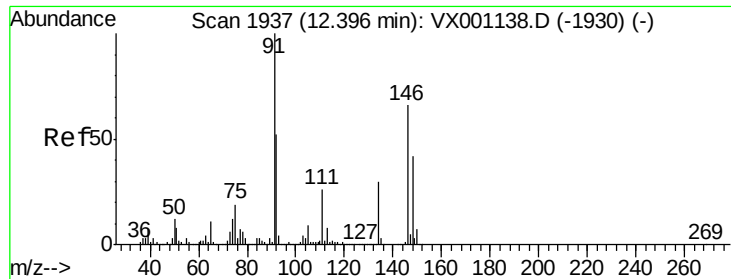
Tgt Ion: 117 Resp: 91313

Ion Ratio Lower Upper

117 100

201 101.4 51.8 155.4

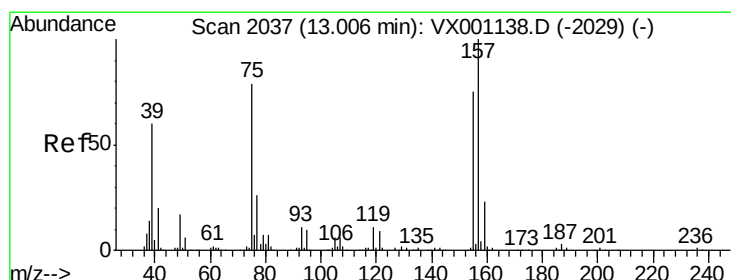
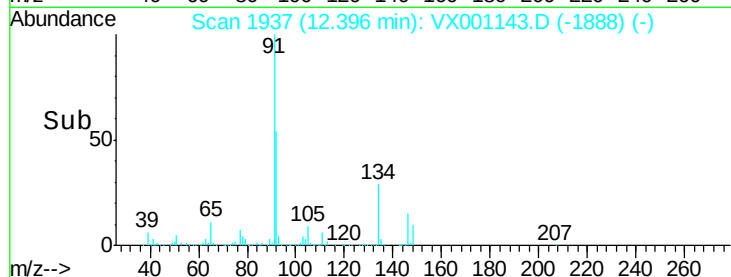
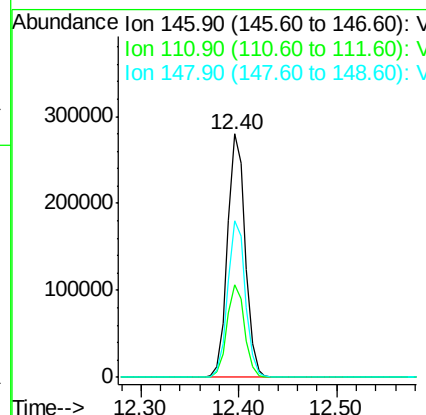
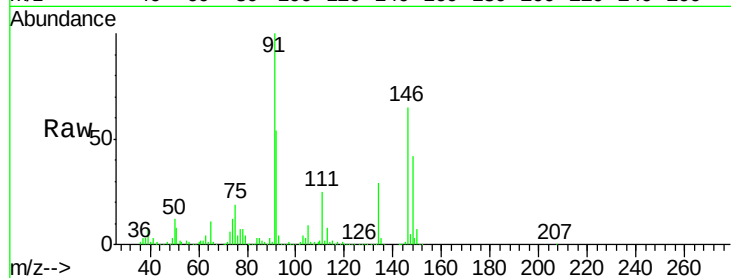




#91
 1,2-Dichlorobenzene
 Concen: 50.274 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

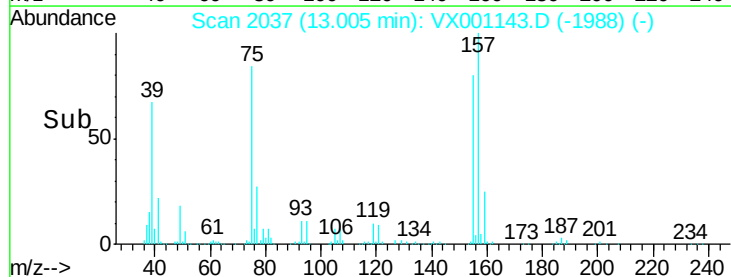
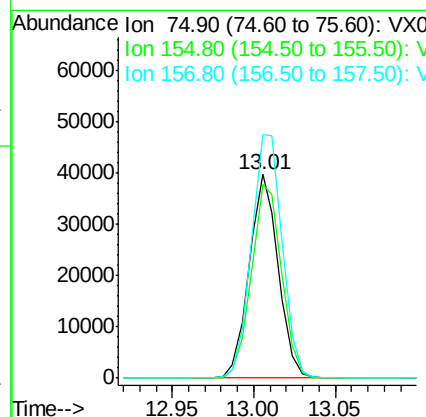
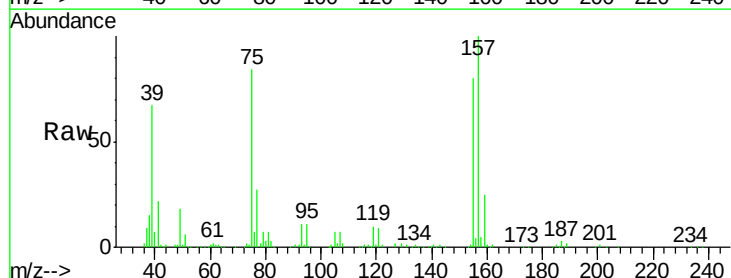
Instrument :
 MSVOA_X
 ClientSampleId :

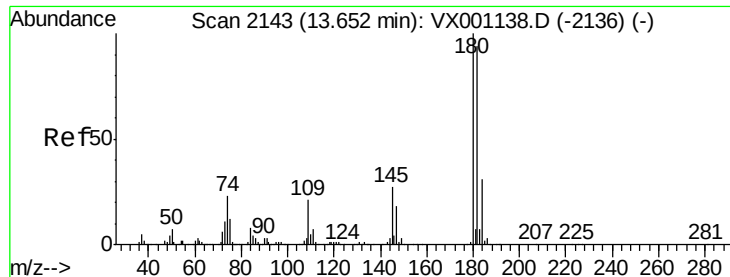
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.3
148	64.3	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.823 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.0	48.4	145.3
157	127.6	62.7	188.1





#93

1,2,4-Trichlorobenzene

Concen: 49.265 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

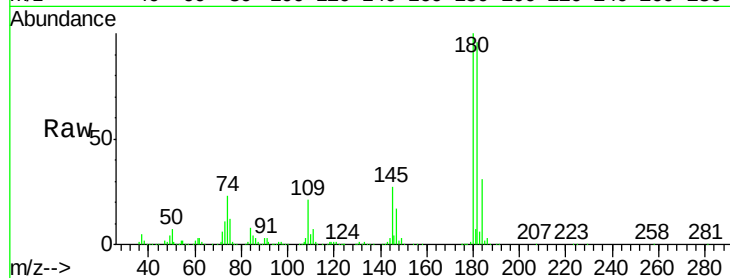
Tot Ion:180 Resp: 269118

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.6

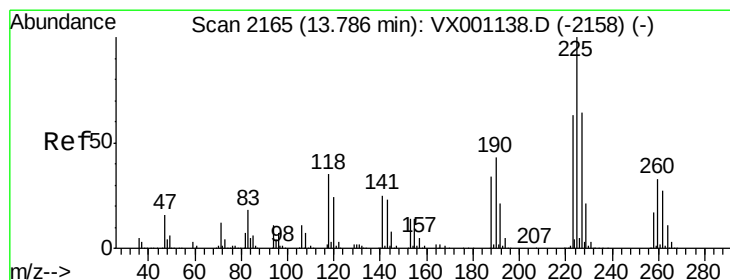
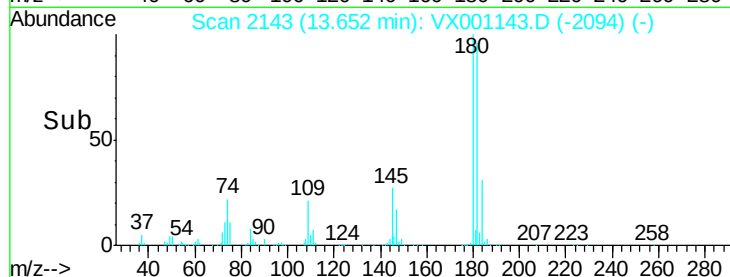
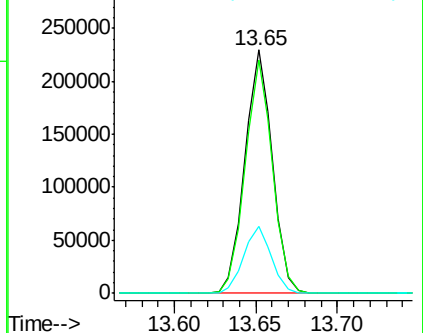
145 27.7 13.8 41.4



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: 48.790 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

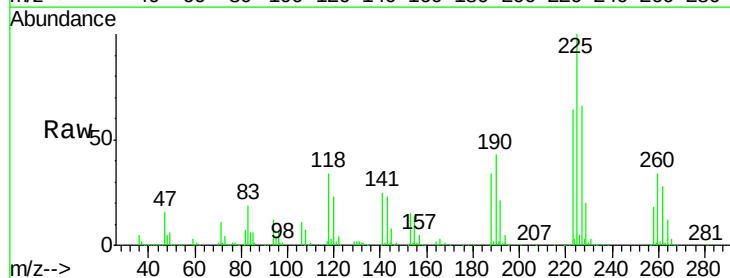
Tgt Ion:225 Resp: 125284

Ion Ratio Lower Upper

225 100

223 62.5 31.3 93.9

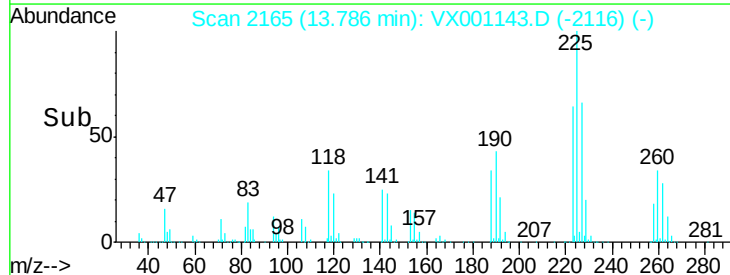
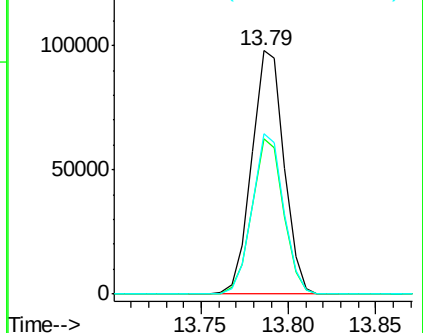
227 64.1 32.2 96.6

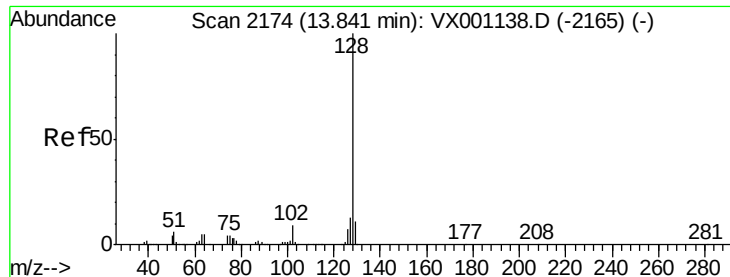


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.525 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampled :

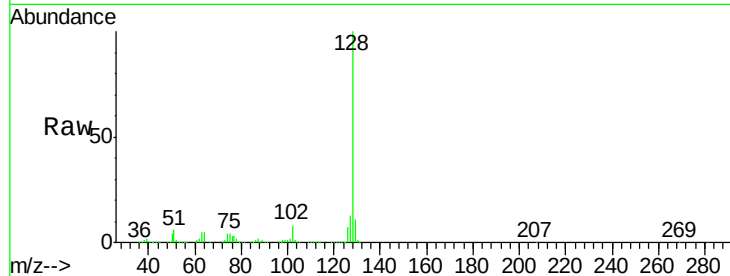
Tot Ion:128 Resp: 784219

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.8 8.8 13.2

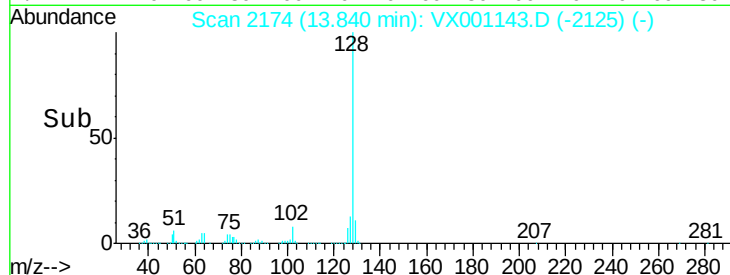


Abundance Ion 128.00 (127.70 to 128.70): V

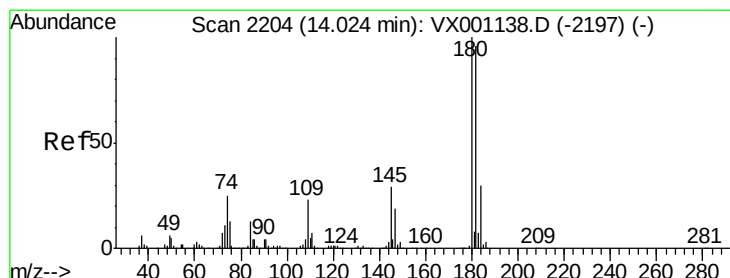
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.84



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 49.616 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

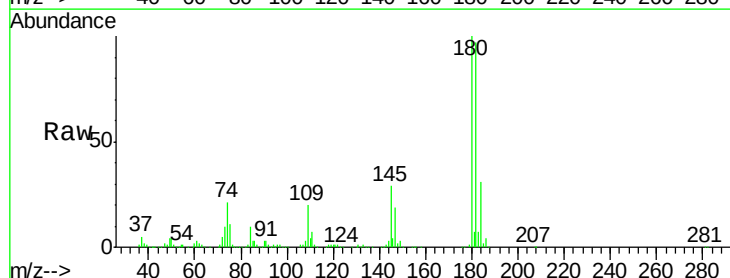
Tgt Ion:180 Resp: 269716

Ion Ratio Lower Upper

180 100

182 96.7 48.2 144.6

145 29.6 14.5 43.5

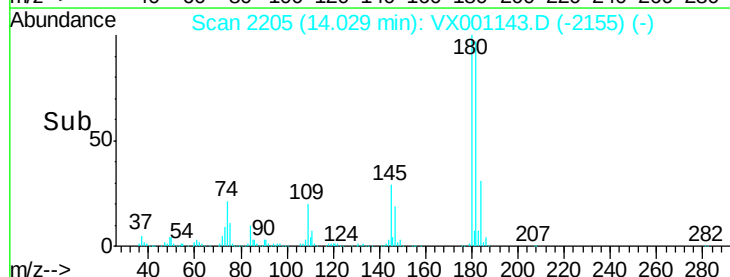


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.03



Time-->