

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001845.D
 Acq On : 19 May 2018 00:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 19 02:30:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	186580	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174712	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	5.51	113	156539	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	8.72	98	584311	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
62) 4-Bromofluorobenzene	11.14	95	175555	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	128939	46.29	ug/l	98
3) Chloromethane	1.32	50	155012	51.51	ug/l	99
4) Vinyl Chloride	1.40	62	162633	49.99	ug/l	99
5) Bromomethane	1.64	94	64480	46.90	ug/l	98
6) Chloroethane	1.72	64	106031	51.74	ug/l	98
7) Trichlorofluoromethane	1.92	101	229115	48.47	ug/l	100
8) Diethyl Ether	2.19	74	98721	50.73	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	139116	48.88	ug/l	99
10) Methyl Iodide	2.51	142	188311	71.92	ug/l	98
11) Tert butyl alcohol	3.09	59	182223	275.86	ug/l	100
12) 1,1-Dichloroethene	2.37	96	130957	47.73	ug/l	98
13) Acrolein	2.30	56	91651	195.63	ug/l	97
14) Allyl chloride	2.73	41	257186	50.71	ug/l	95
15) Acrylonitrile	3.15	53	441434	266.06	ug/l	99
16) Acetone	2.45	43	368607	252.24	ug/l	98
17) Carbon Disulfide	2.57	76	307395	42.95	ug/l	99
18) Methyl Acetate	2.78	43	246521	57.70	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	473887	51.25	ug/l	98
20) Methylene Chloride	2.86	84	155788	49.80	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	142784	47.24	ug/l	98
22) Diisopropyl ether	3.88	45	519288	53.38	ug/l	99
23) Vinyl Acetate	3.83	43	1710282	244.00	ug/l	100
24) 1,1-Dichloroethane	3.70	63	271958	50.97	ug/l	100
25) 2-Butanone	4.71	43	630741	281.92	ug/l	98
26) 2,2-Dichloropropane	4.59	77	167510	39.00	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	177445	51.59	ug/l	98
28) Bromochloromethane	5.03	49	142531	60.14	ug/l	98
29) Tetrahydrofuran	5.17	42	410646	281.58	ug/l	99
30) Chloroform	5.22	83	292035	52.11	ug/l	100
31) Cyclohexane	5.57	56	243706	52.11	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	250886	51.81	ug/l	99
36) 1,1-Dichloropropene	5.80	75	205504	48.91	ug/l	99
37) Ethyl Acetate	4.87	43	236573	54.02	ug/l	99
38) Carbon Tetrachloride	5.79	117	222575	50.56	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	249009	50.72	ug/l	98
40) Benzene	6.15	78	658550	53.19	ug/l	99
41) Methacrylonitrile	5.07	41	136852	54.04	ug/l	98
42) 1,2-Dichloroethane	6.20	62	218968	48.90	ug/l	98
43) Isopropyl Acetate	6.48	43	362292	52.86	ug/l	99
44) Trichloroethene	7.22	130	198169	51.57	ug/l	97
45) 1,2-Dichloropropane	7.52	63	167630	55.18	ug/l	98
46) Dibromomethane	7.67	93	110207	51.66	ug/l	98
47) Bromodichloromethane	7.90	83	214184	54.11	ug/l	98
48) Methyl methacrylate	7.79	41	195845	54.29	ug/l	96
49) 1,4-Dioxane	7.76	88	88442	1273.28	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1253702	288.65	ug/l	98
52) Toluene	8.79	92	428992	53.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	246311	52.89	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	219030	53.35	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	146091	48.04	ug/l	98
56) Ethyl methacrylate	9.19	69	209075	48.48	ug/l	98
57) 1,3-Dichloropropane	9.38	76	241203	47.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	619461	279.26	ug/l	99
59) 2-Hexanone	9.51	43	791745	254.65	ug/l	99
60) Dibromochloromethane	9.59	129	159509	51.23	ug/l	99
61) 1,2-Dibromoethane	9.68	107	153523	48.23	ug/l	99
64) Tetrachloroethene	9.34	164	192344	51.75	ug/l	97
65) Chlorobenzene	10.14	112	403766	51.42	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	155141	55.93	ug/l	99
67) Ethyl Benzene	10.26	91	664104	52.92	ug/l	99
68) m/p-Xylenes	10.37	106	525251	106.07	ug/l	99
69) o-Xylene	10.71	106	258225	54.45	ug/l	99
70) Styrene	10.72	104	432449	55.29	ug/l	99
71) Bromoform	10.87	173	130354	50.47	ug/l	# 100
73) Isopropylbenzene	11.02	105	693168	56.41	ug/l	100
74) N-amyl acetate	6.48	43	362292	61.50	ug/l	# 98
75) 1,1,2,2-Tetrachloroethane	11.27	83	204853	55.58	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	236169	66.57	ug/l	89
77) Bromobenzene	11.26	156	198575	55.00	ug/l	98
78) n-propylbenzene	11.37	91	759043	54.83	ug/l	99
79) 2-Chlorotoluene	11.43	91	452446	54.65	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	571995	56.74	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	53897	45.58	ug/l	99
82) 4-Chlorotoluene	11.52	91	521423	53.46	ug/l	100
83) tert-Butylbenzene	11.77	119	568178	56.64	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	592582	56.77	ug/l	100
85) sec-Butylbenzene	11.95	105	691342	55.83	ug/l	100
86) p-Isopropyltoluene	12.07	119	631769	55.14	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	350638	52.51	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	349390	50.60	ug/l	99
89) n-Butylbenzene	12.39	91	494352	49.88	ug/l	100
90) Hexachloroethane	12.60	117	102879	57.81	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	360610	54.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47295	60.12	ug/l	99

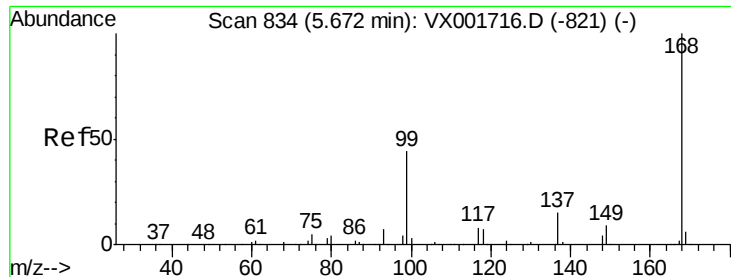
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QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	268470	50.62	ug/l	99
94) Hexachlorobutadiene	13.79	225	145664	51.16	ug/l	100
95) Naphthalene	13.84	128	773342	56.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	281085	52.64	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

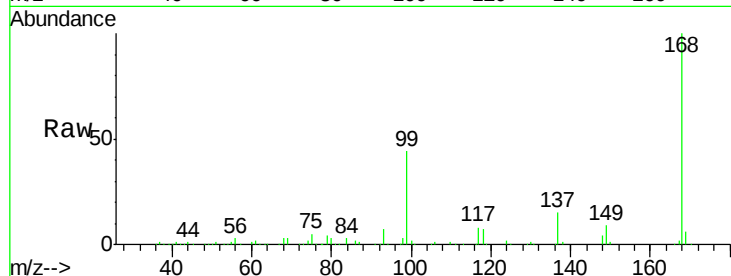
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 277582

Ion Ratio Lower Upper

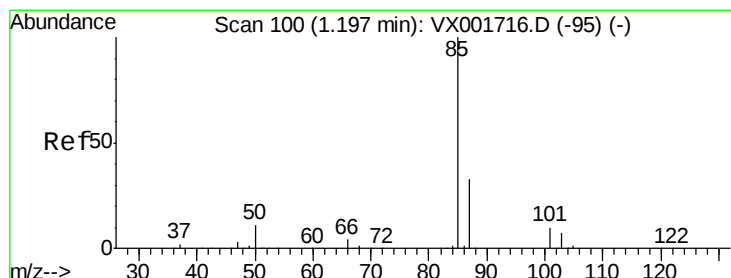
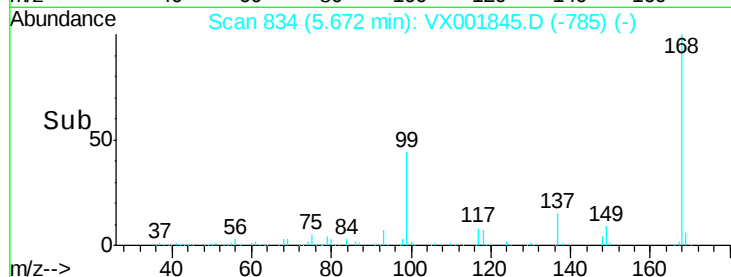
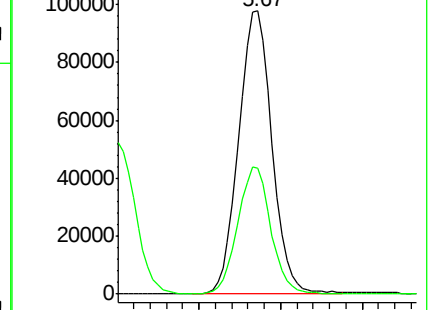
168 100

99 44.4 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.29 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001845.D

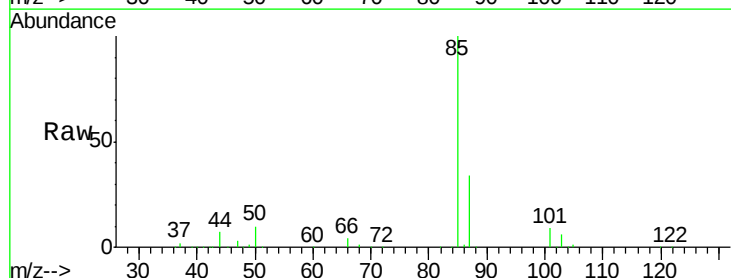
Acq: 19 May 2018 00:14

Tgt Ion: 85 Resp: 128939

Ion Ratio Lower Upper

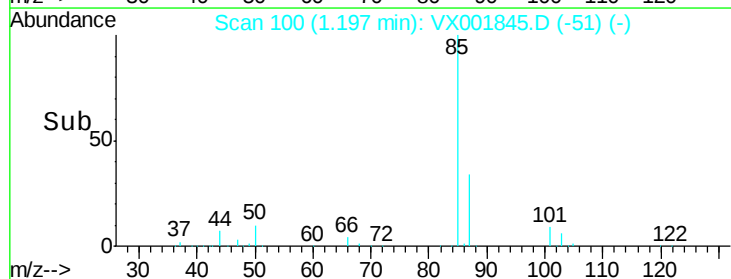
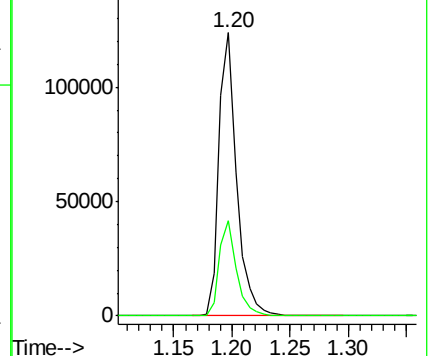
85 100

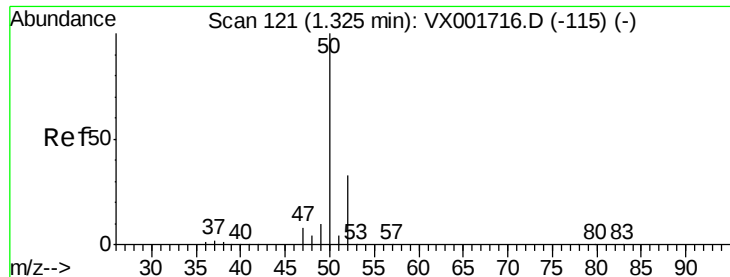
87 33.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

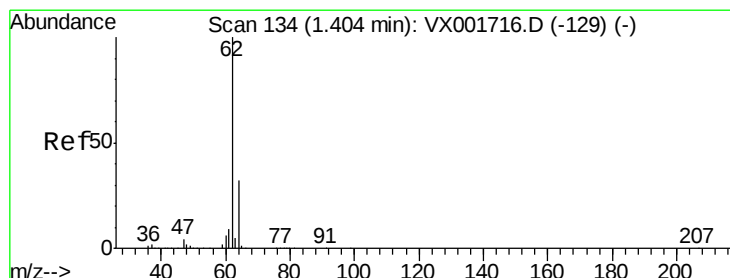
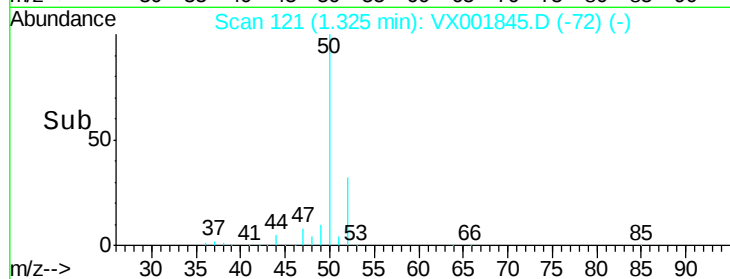
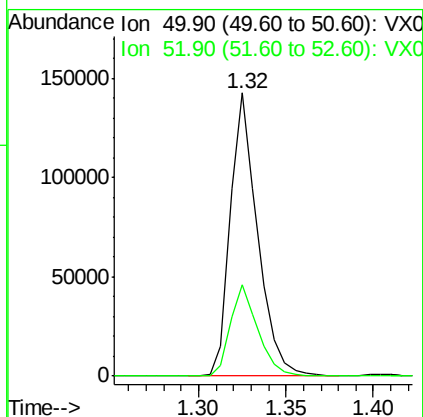
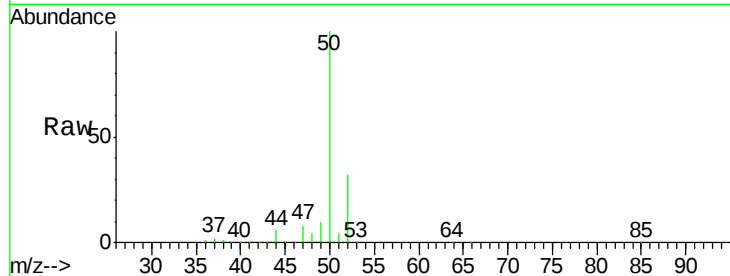




#3
Chloromethane
Concen: 51.51 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

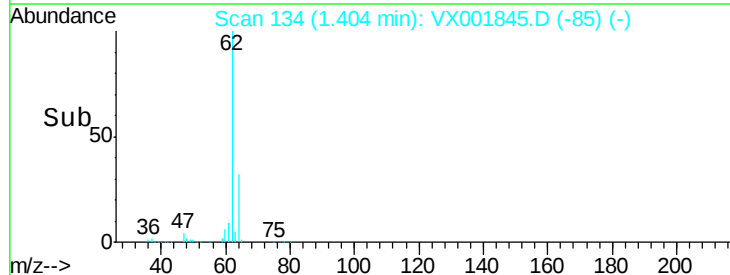
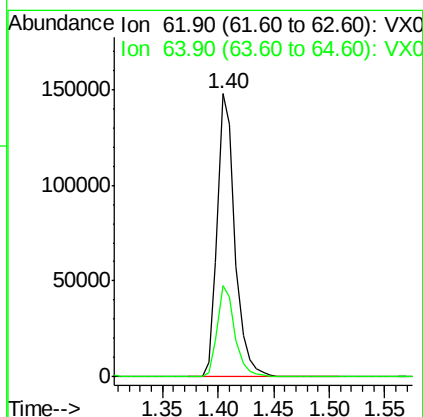
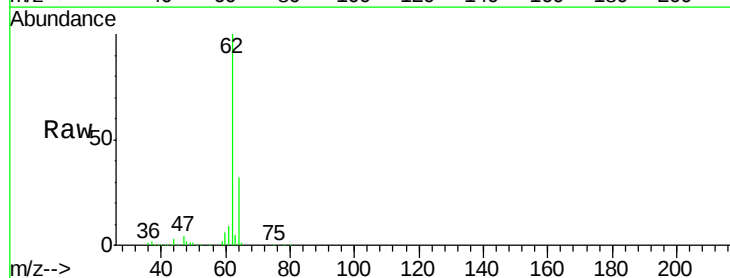
Instrument :
MSVOA_X
ClientSampleId :

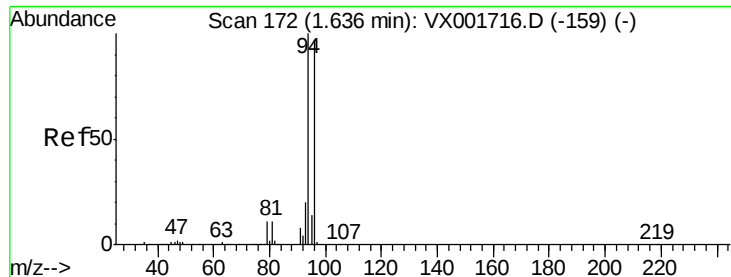
Tot Ion: 50 Resp: 155012
Ion Ratio Lower Upper
50 100
52 32.2 26.3 39.5



#4
Vinyl Chloride
Concen: 49.99 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Tgt Ion: 62 Resp: 162633
Ion Ratio Lower Upper
62 100
64 32.4 25.6 38.4





#5

Bromomethane

Concen: 46.90 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

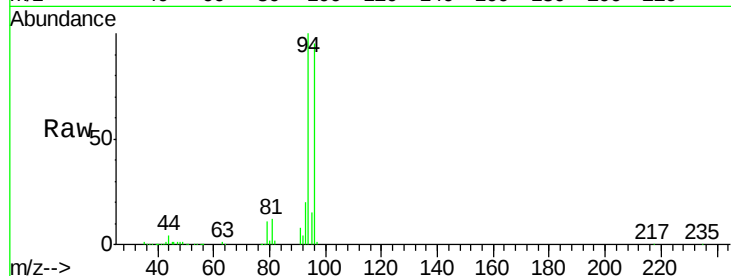
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 64480

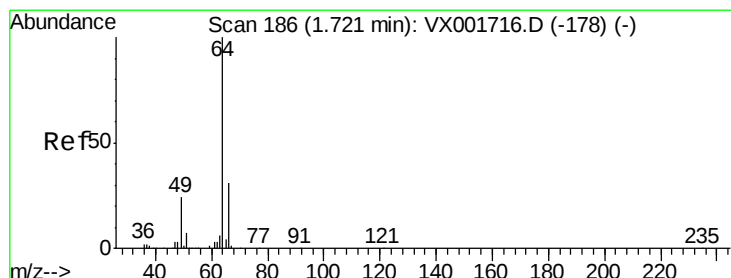
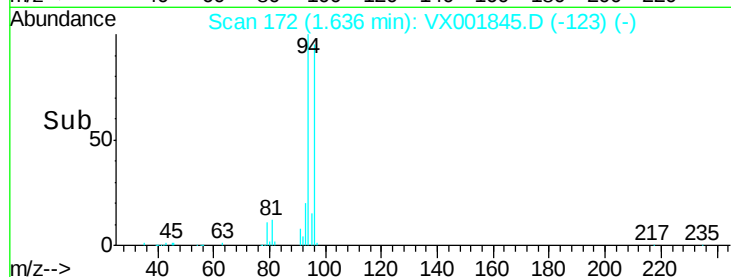
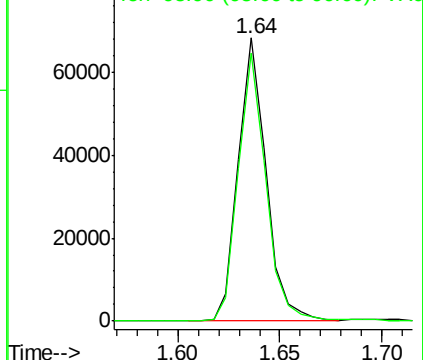
Ion Ratio Lower Upper

94 100

96 94.6 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.74 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX001845.D

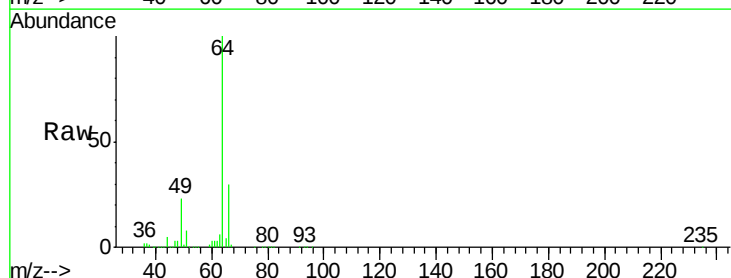
Acq: 19 May 2018 00:14

Tgt Ion: 64 Resp: 106031

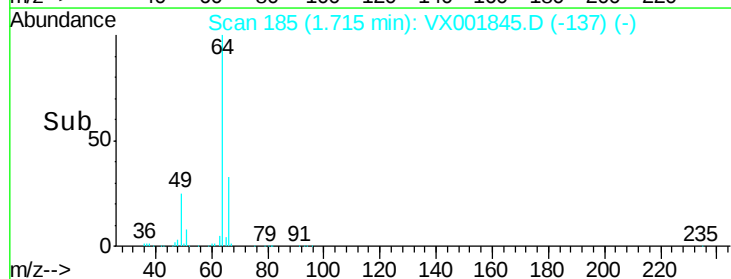
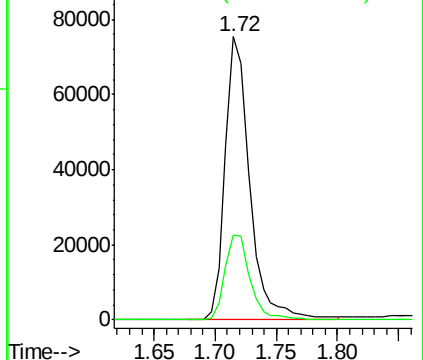
Ion Ratio Lower Upper

64 100

66 30.2 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



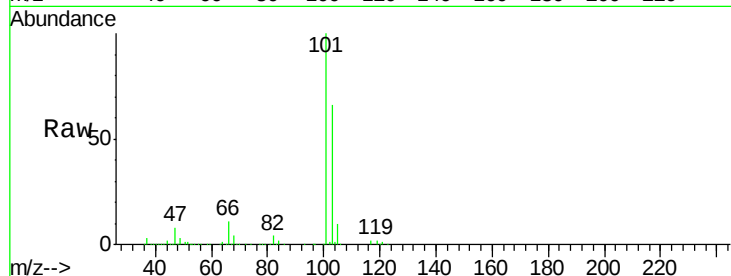


#7

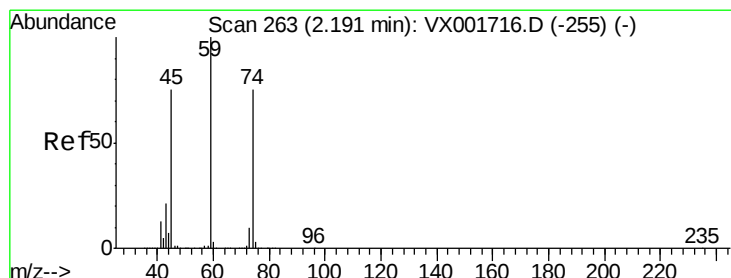
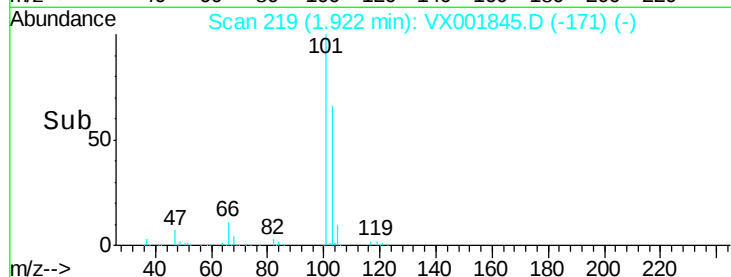
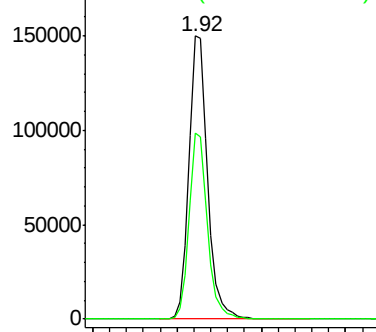
Trichlorofluoromethane
Concen: 48.47 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 229115
Ion Ratio Lower Upper
101 100
103 65.9 52.6 78.8



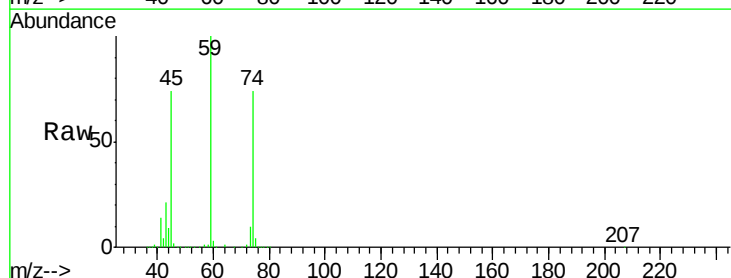
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



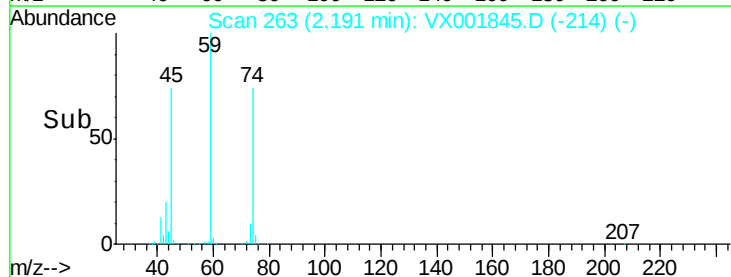
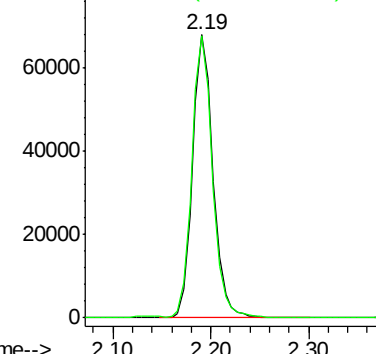
#8

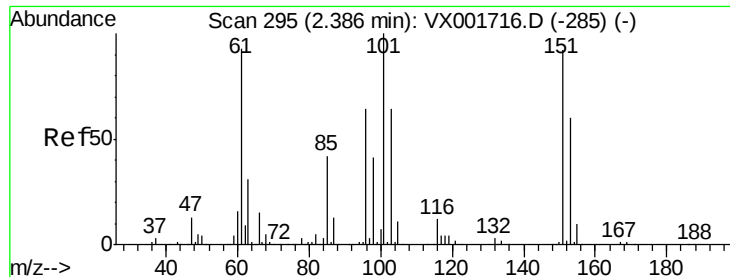
Diethyl Ether
Concen: 50.73 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Tgt Ion: 74 Resp: 98721
Ion Ratio Lower Upper
74 100
45 99.0 50.0 149.8



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: 48.88 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

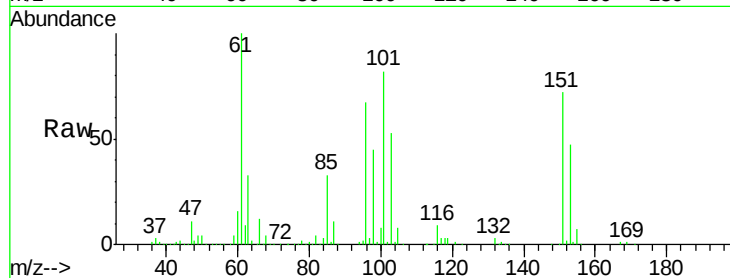
Tot Ion:101 Resp: 139116

Ion Ratio Lower Upper

101 100

85 41.2 33.7 50.5

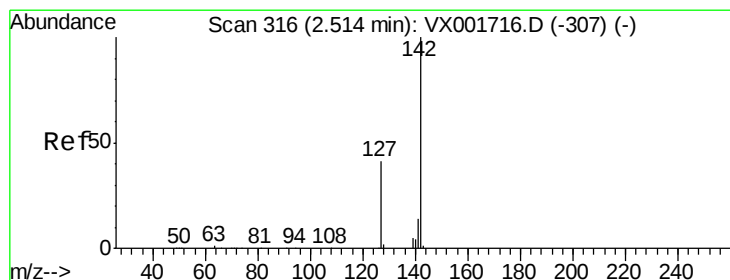
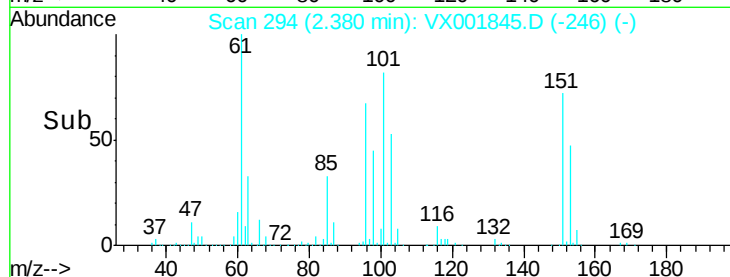
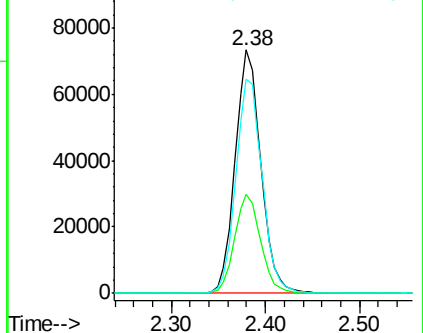
151 90.4 73.0 109.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 71.92 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

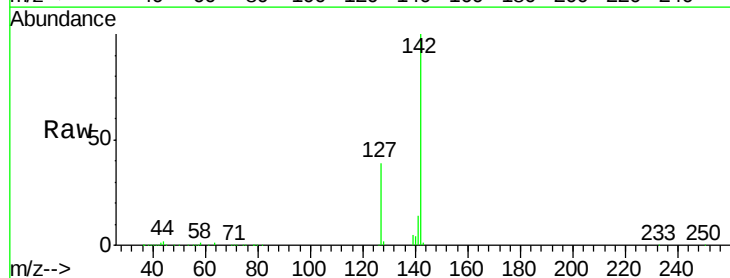
Tgt Ion:142 Resp: 188311

Ion Ratio Lower Upper

142 100

127 39.4 32.5 48.7

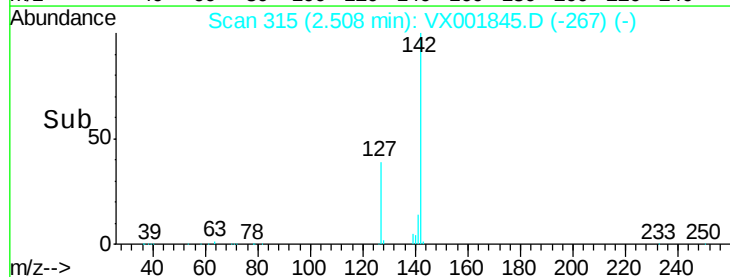
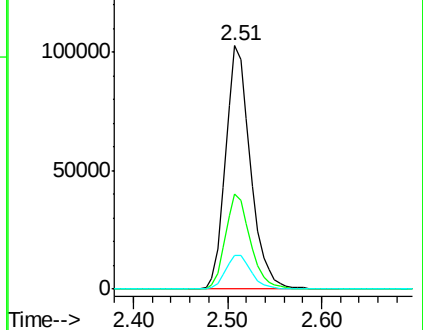
141 14.5 11.4 17.0

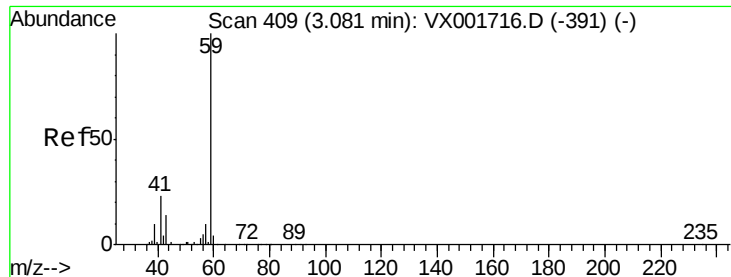


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



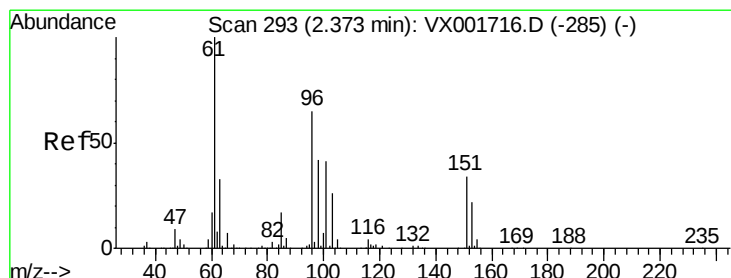
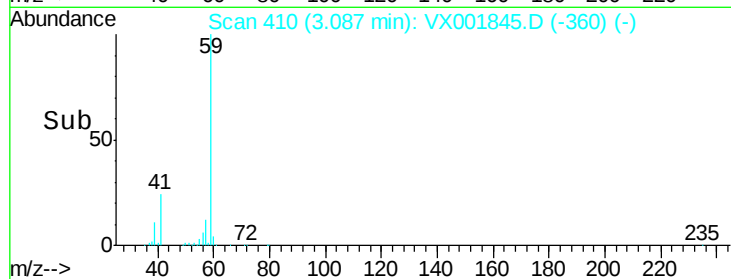
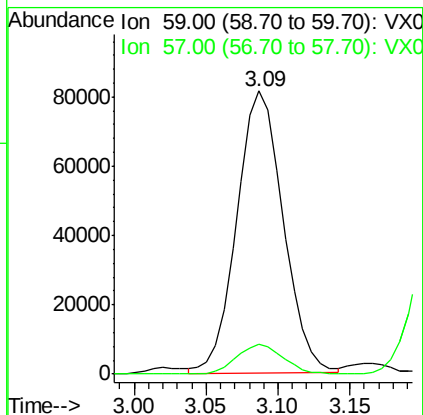
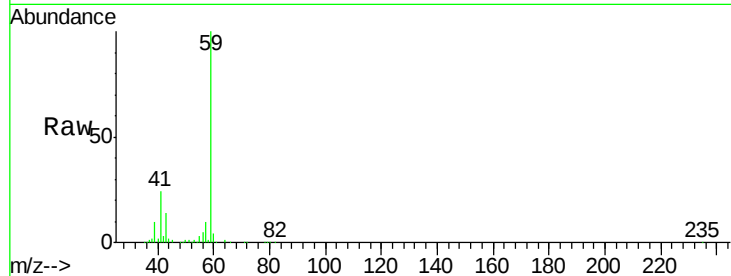


#11

Tert butyl alcohol
Concen: 275.86 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Instrument :
MSVOA_X
ClientSampled :

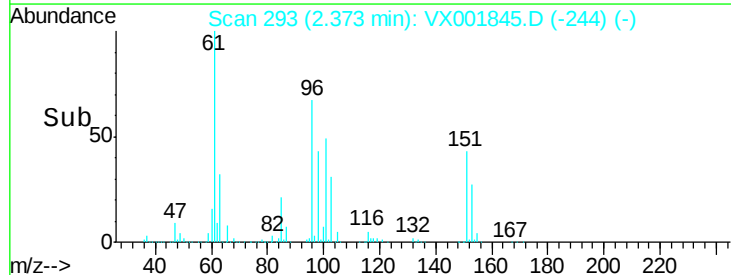
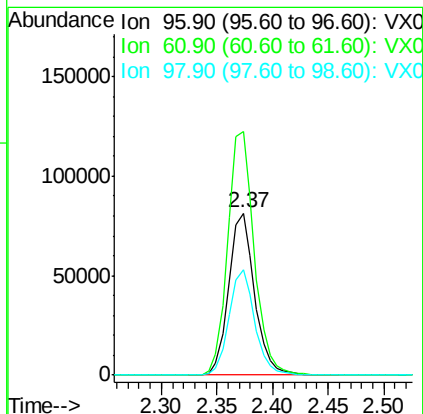
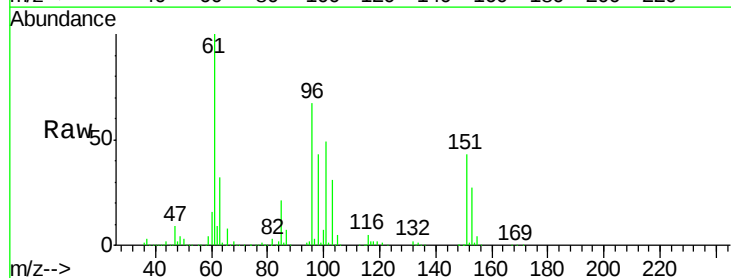
Tot Ion: 59 Resp: 182223
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

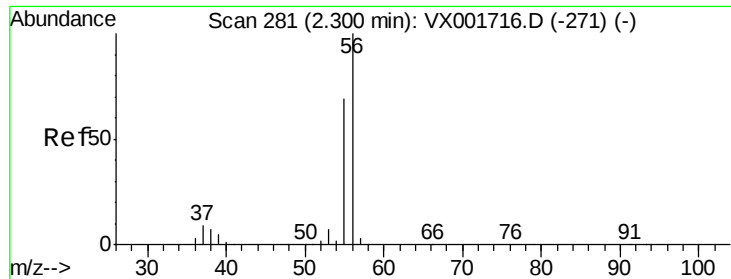


#12

1,1-Dichloroethene
Concen: 47.73 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Tgt Ion: 96 Resp: 130957
Ion Ratio Lower Upper
96 100
61 150.4 122.2 183.2
98 64.8 51.4 77.0





#13

Acrolein

Concen: 195.63 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

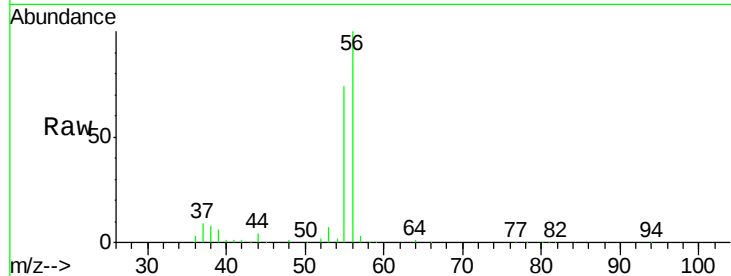
ClientSampleId :

Tot Ion: 56 Resp: 91651

Ion Ratio Lower Upper

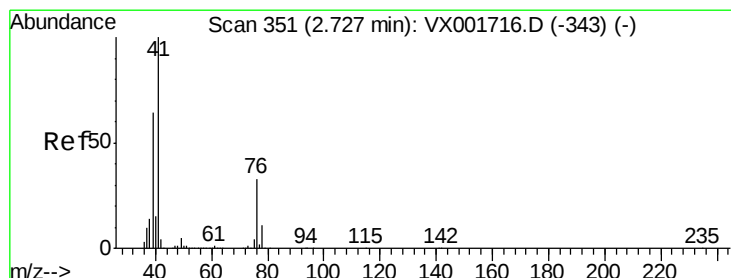
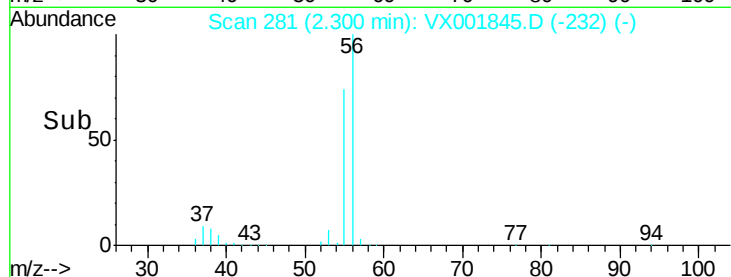
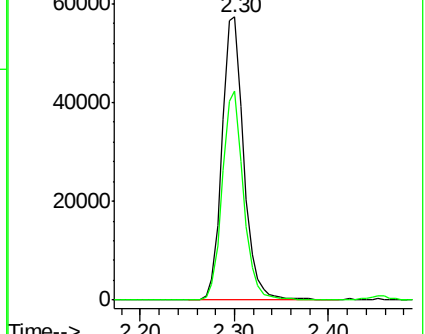
56 100

55 72.4 56.2 84.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.71 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

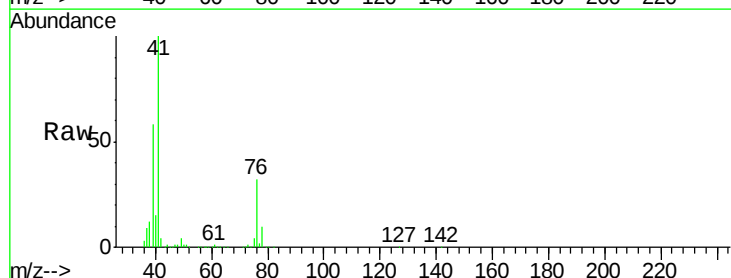
Tgt Ion: 41 Resp: 257186

Ion Ratio Lower Upper

41 100

39 57.8 49.8 74.6

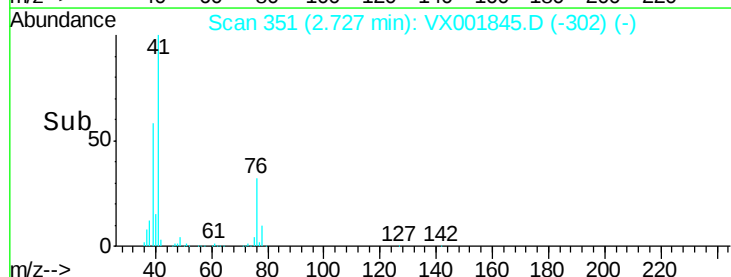
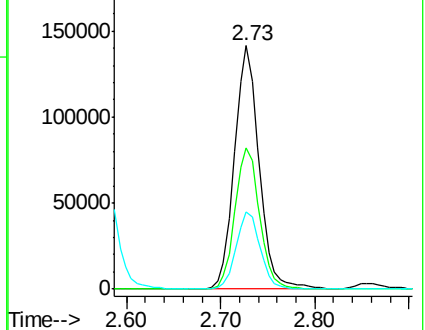
76 31.1 25.8 38.8

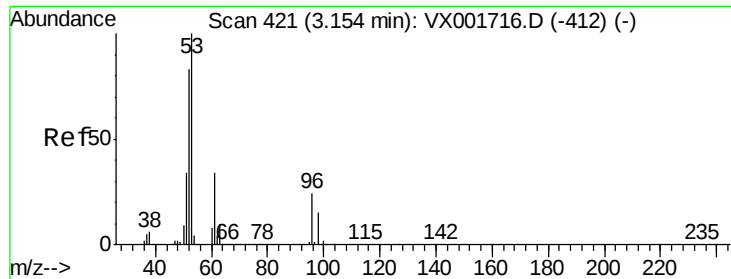


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 266.06 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :
MSVOA_X
ClientSampleId :

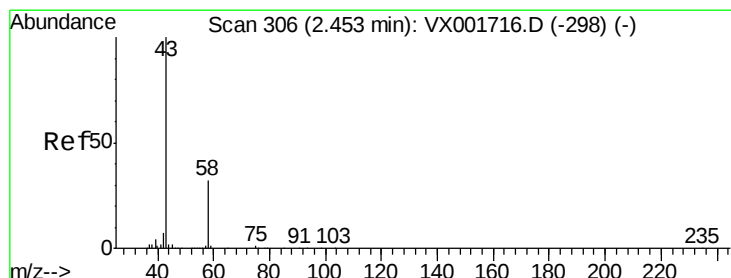
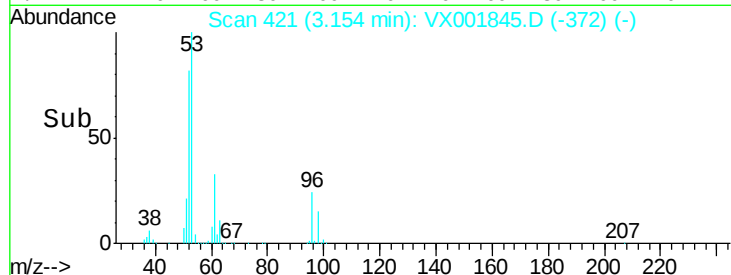
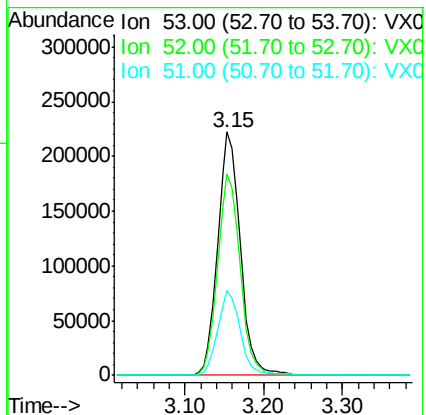
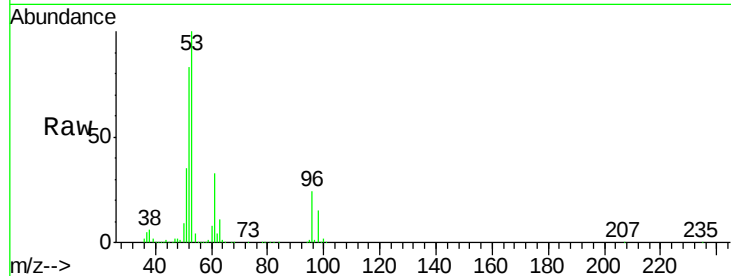
Tot Ion: 53 Resp: 441434

Ion Ratio Lower Upper

53 100

52 82.9 65.6 98.4

51 35.1 28.1 42.1



#16

Acetone

Concen: 252.24 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001845.D

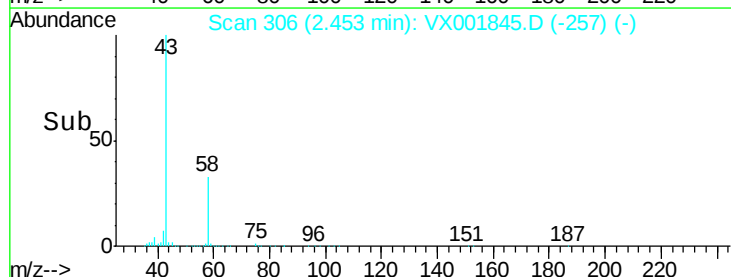
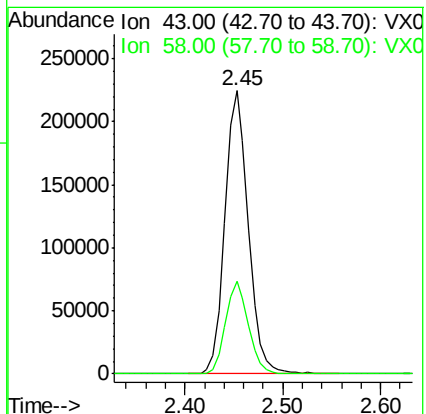
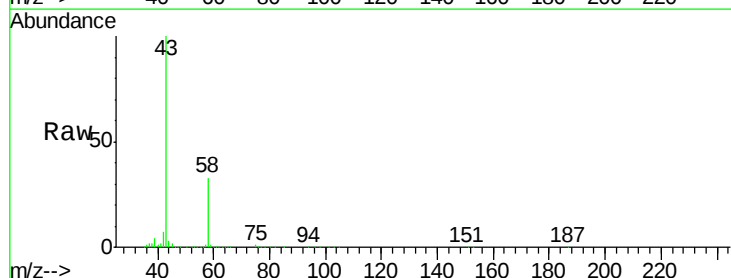
Acq: 19 May 2018 00:14

Tgt Ion: 43 Resp: 368607

Ion Ratio Lower Upper

43 100

58 32.5 25.3 37.9

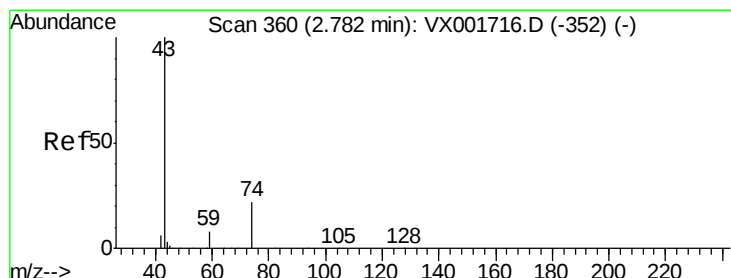
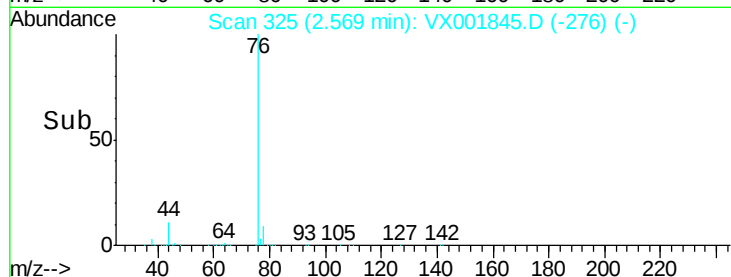
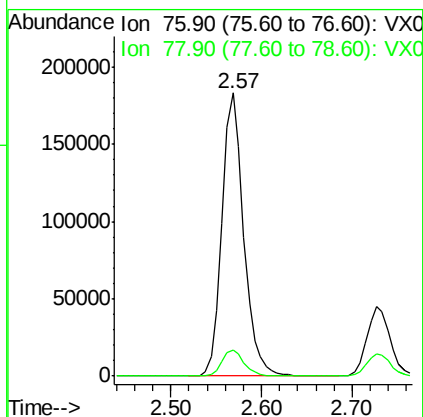
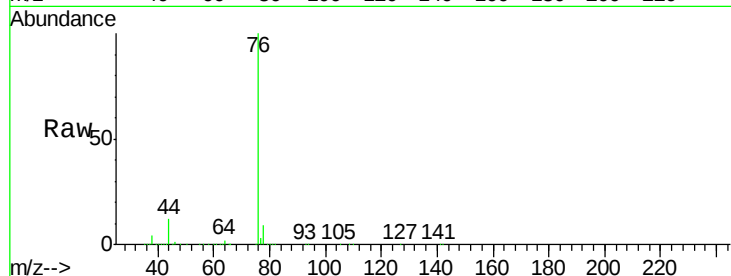




#17
Carbon Disulfide
Concen: 42.95 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

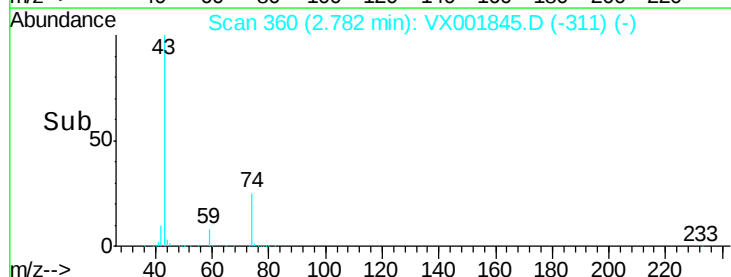
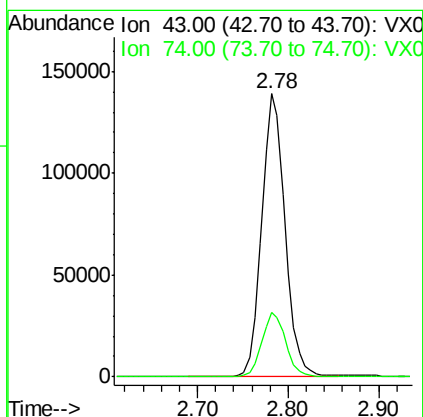
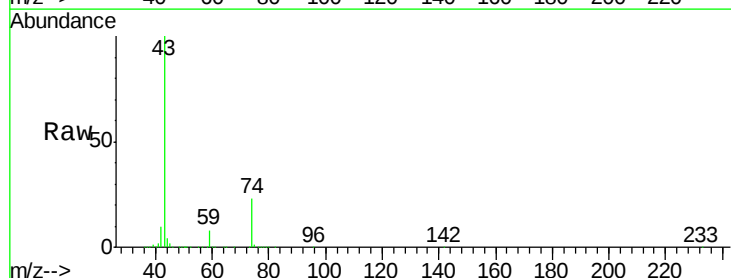
Instrument :
MSVOA_X
ClientSampleId :

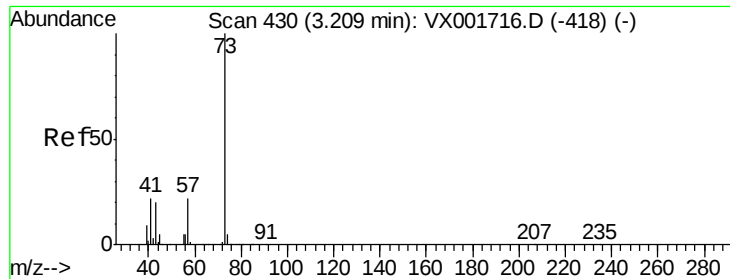
Tot Ion: 76 Resp: 307395
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 57.70 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Tgt Ion: 43 Resp: 246521
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.2

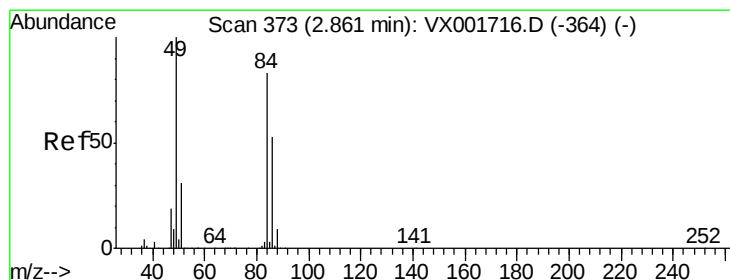
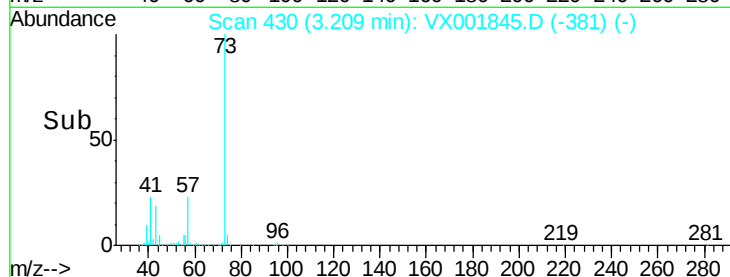
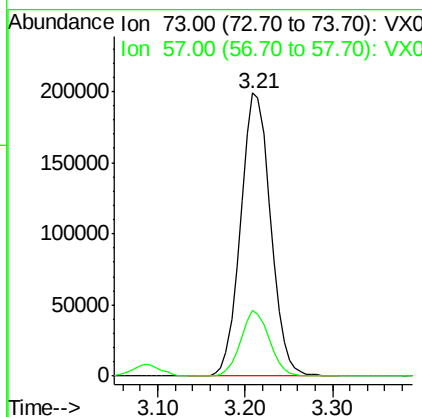
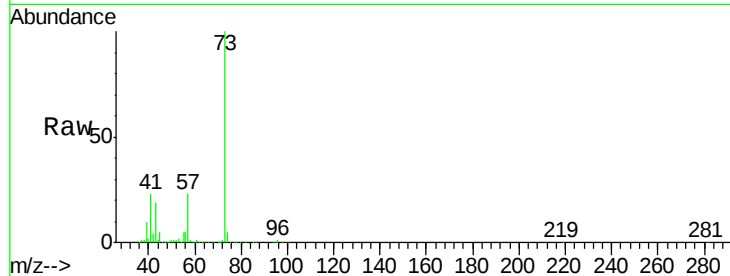




#19
Methvl tert-butvl Ether
Concen: 51.25 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

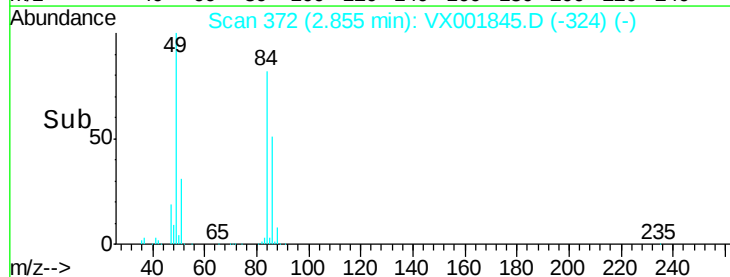
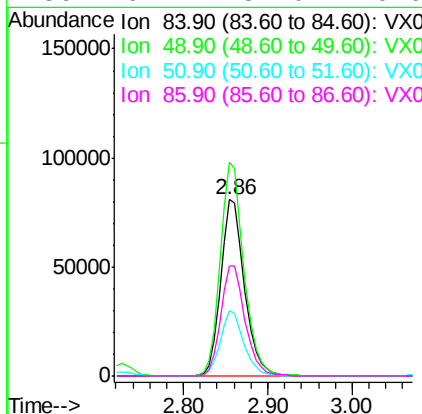
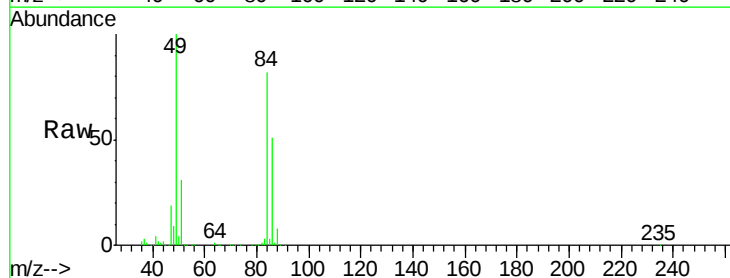
Instrument :
MSVOA_X
ClientSampleId :

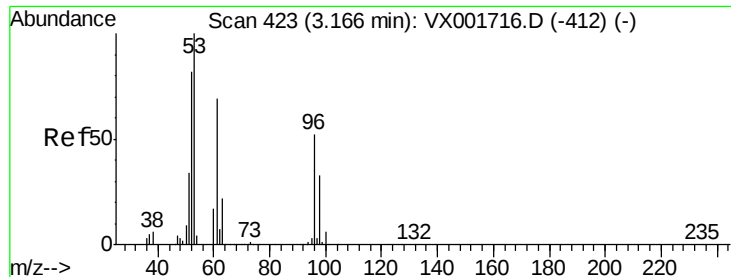
Tot Ion: 73 Resp: 473887
Ion Ratio Lower Upper
73 100
57 23.0 17.5 26.3



#20
Methylene Chloride
Concen: 49.80 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Tgt Ion: 84 Resp: 155788
Ion Ratio Lower Upper
84 100
49 121.2 96.3 144.5
51 37.3 29.8 44.6
86 62.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 47.24 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :
MSVOA_X
ClientSampleId :

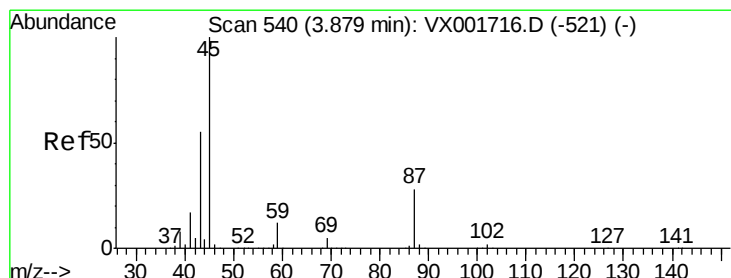
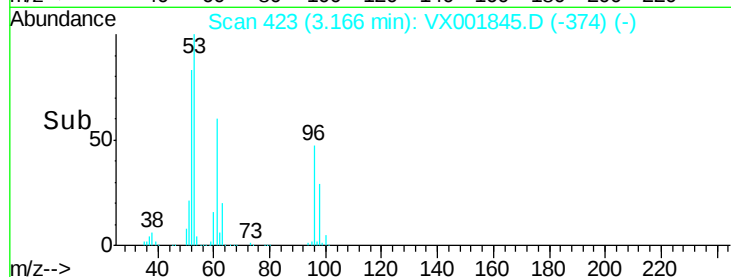
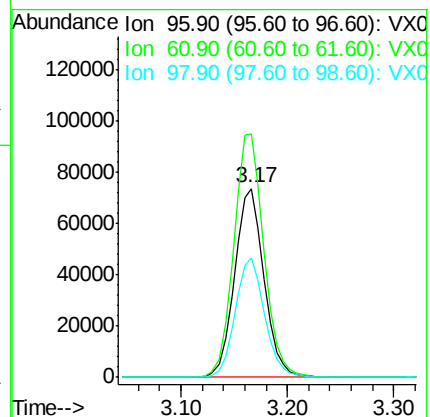
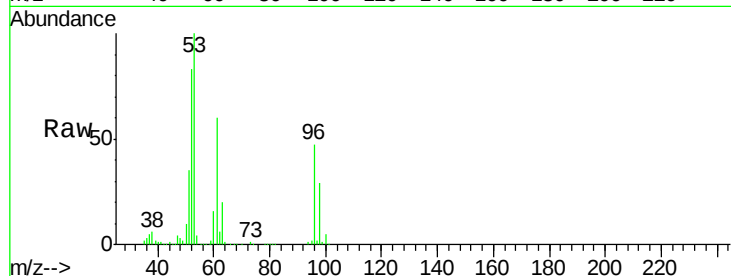
Tot Ion: 96 Resp: 142784

Ion Ratio Lower Upper

96 100

61 128.5 105.8 158.8

98 62.9 50.2 75.4



#22

Diisopropyl ether

Concen: 53.38 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Tgt Ion: 45 Resp: 519288

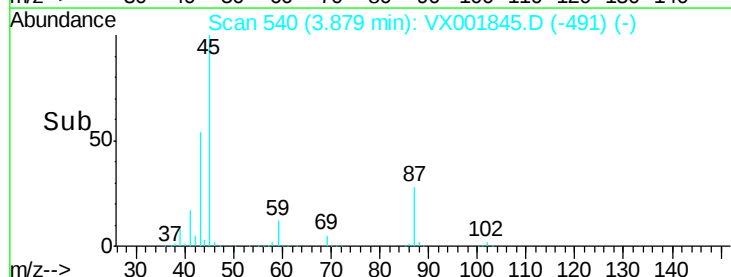
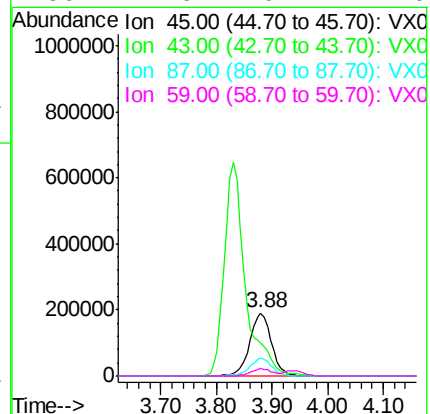
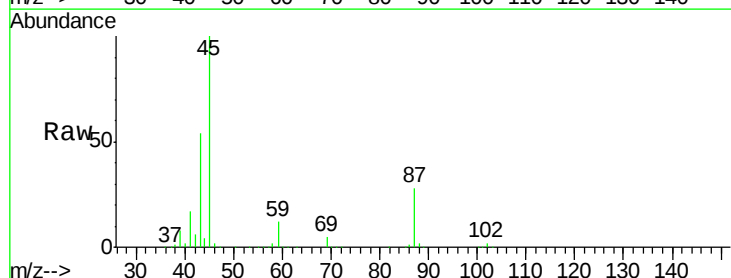
Ion Ratio Lower Upper

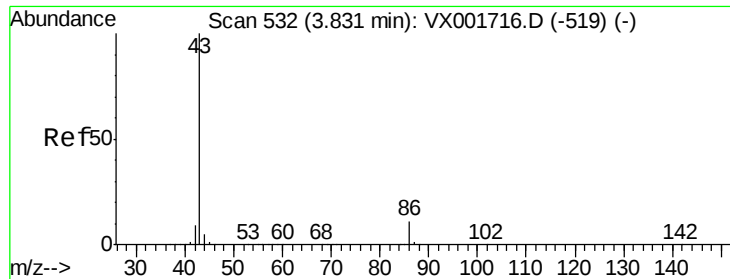
45 100

43 53.8 44.3 66.5

87 28.4 22.6 33.8

59 11.6 9.4 14.0





#23

Vinyl Acetate

Concen: 244.00 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

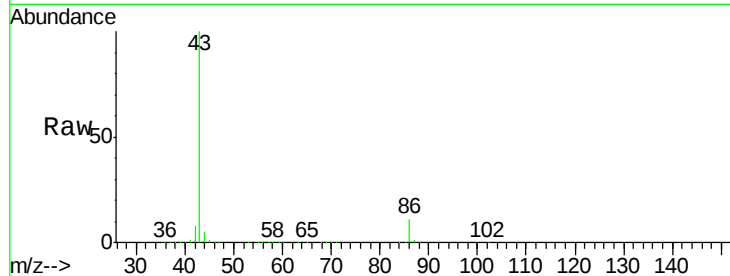
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1710282

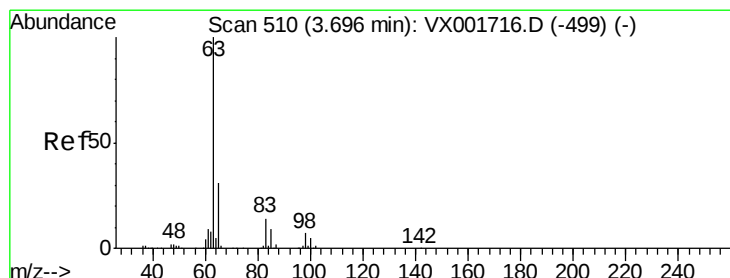
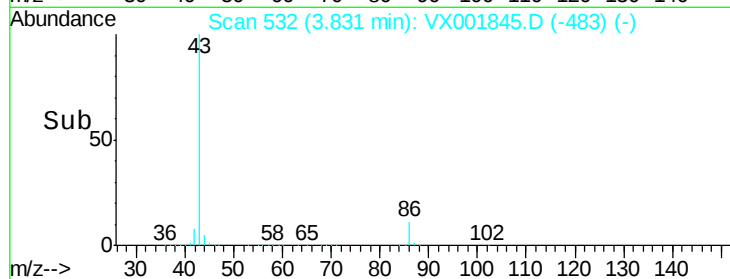
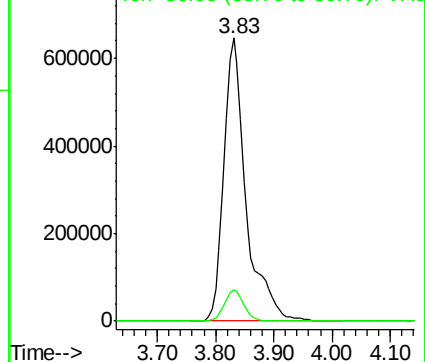
Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.97 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

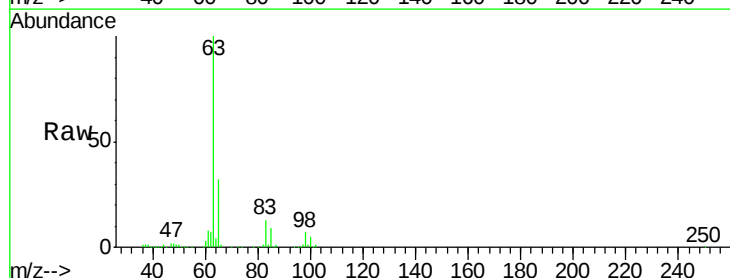
Tgt Ion: 63 Resp: 271958

Ion Ratio Lower Upper

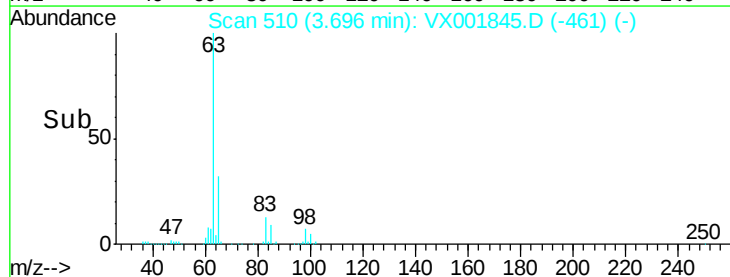
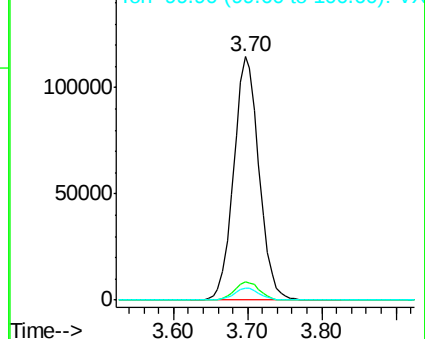
63 100

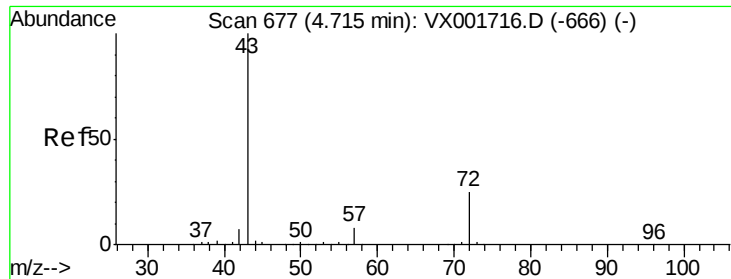
98 7.3 3.7 11.1

100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 281.92 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

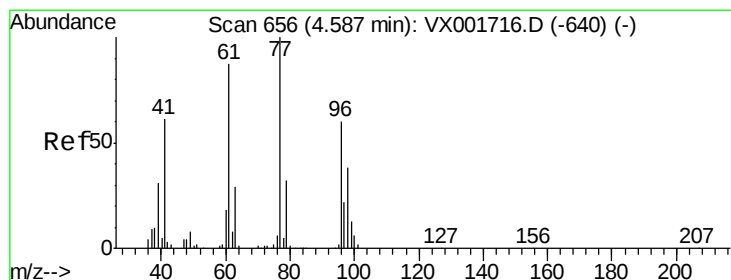
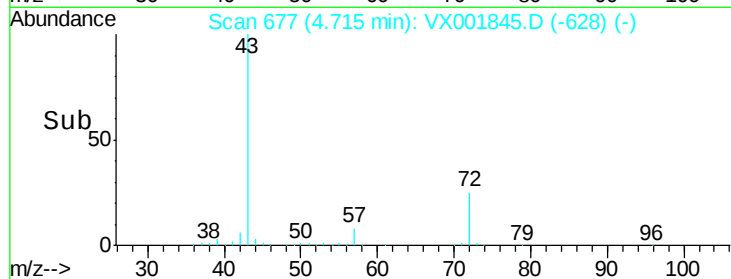
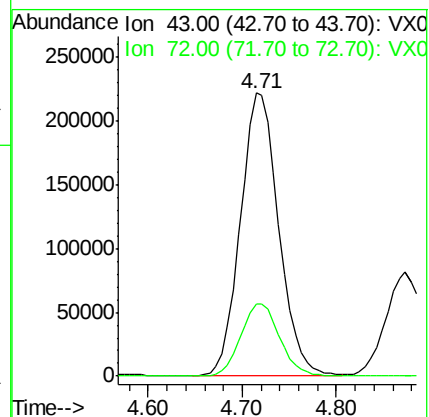
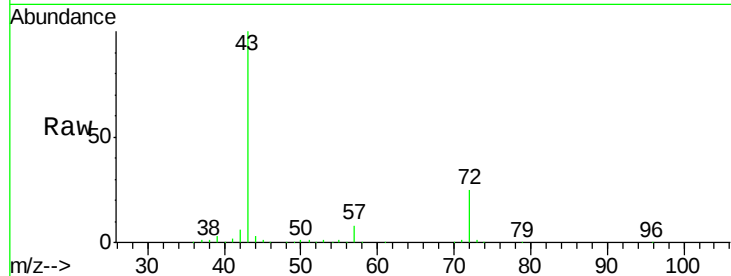
ClientSampled :

Tot Ion: 43 Resp: 630741

Ion Ratio Lower Upper

43 100

72 25.5 19.8 29.6



#26

2,2-Dichloropropane

Concen: 39.00 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001845.D

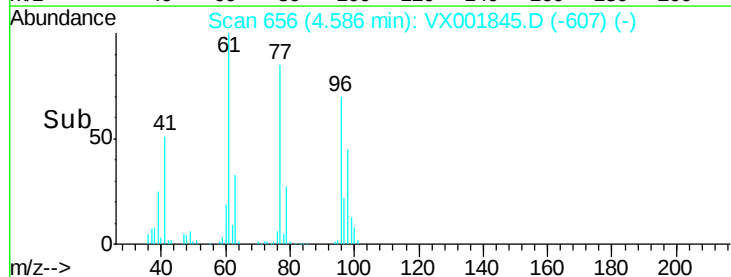
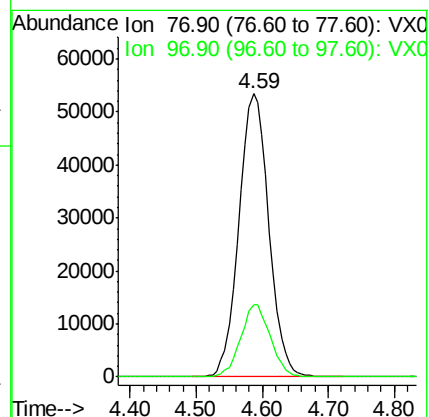
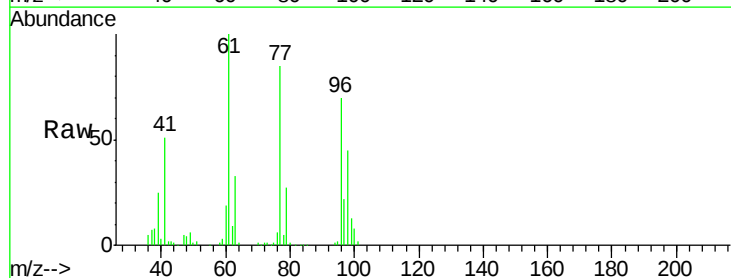
Acq: 19 May 2018 00:14

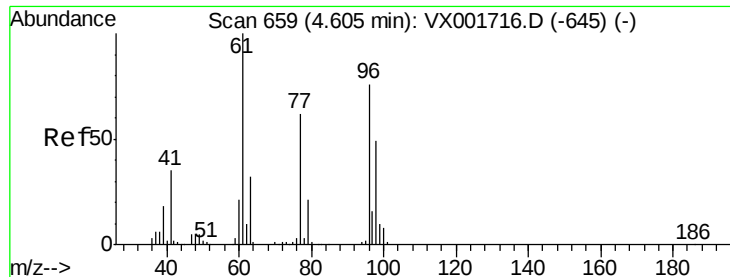
Tgt Ion: 77 Resp: 167510

Ion Ratio Lower Upper

77 100

97 25.2 11.6 34.8



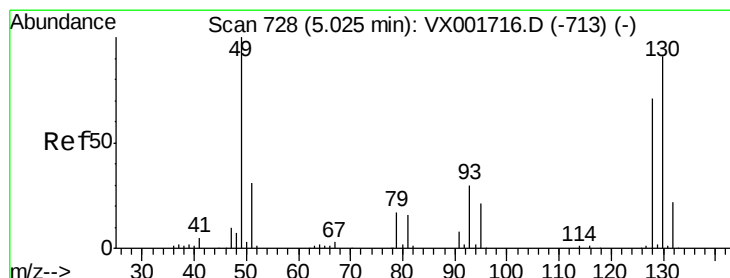
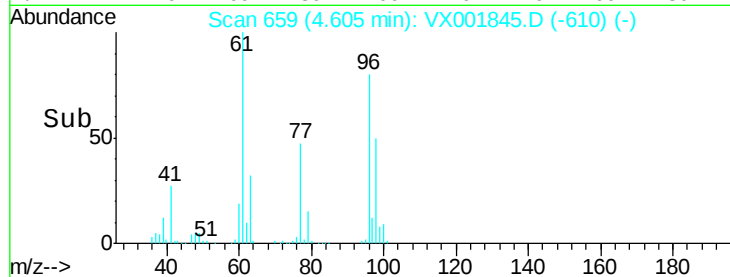
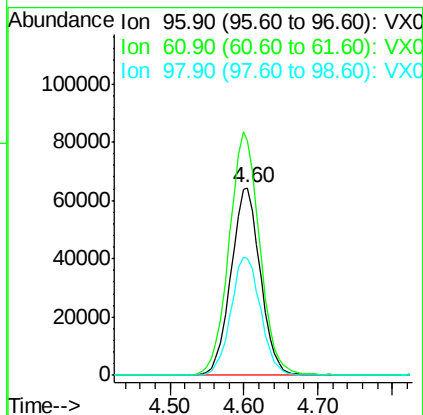
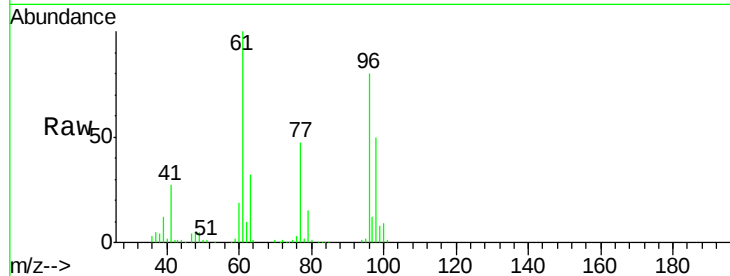


#27

cis-1,2-Dichloroethene
 Concen: 51.59 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

Instrument :
 MSVOA_X
 ClientSampleId :

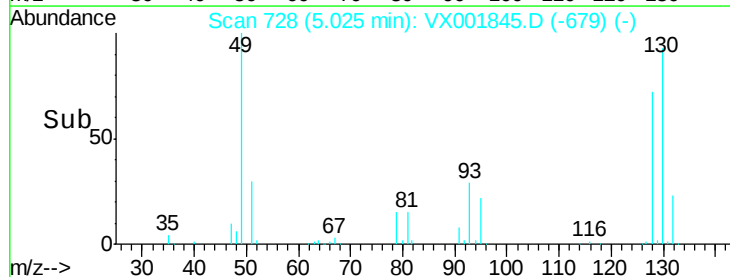
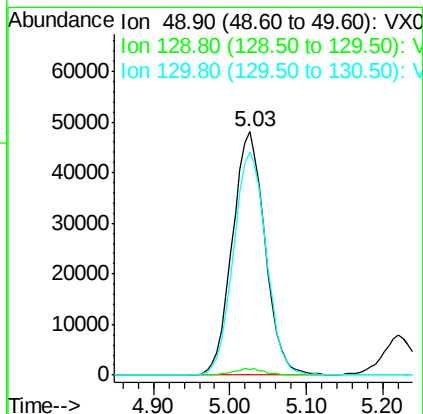
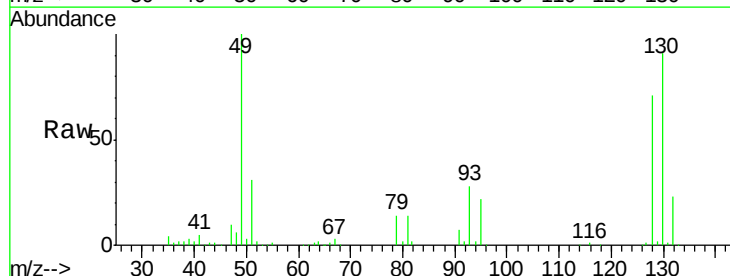
Tot Ion: 96 Resp: 177445
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 280.4
 98 64.3 0.0 128.4

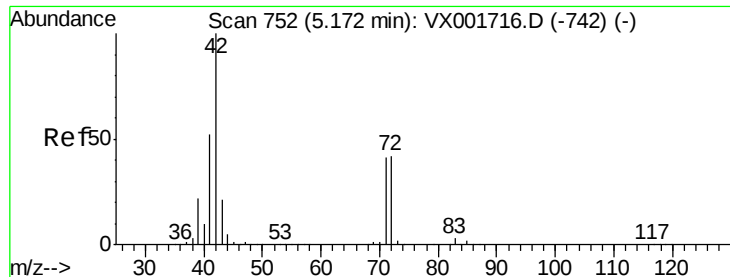


#28

Bromochloromethane
 Concen: 60.14 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

Tgt Ion: 49 Resp: 142531
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 91.8 71.8 107.6

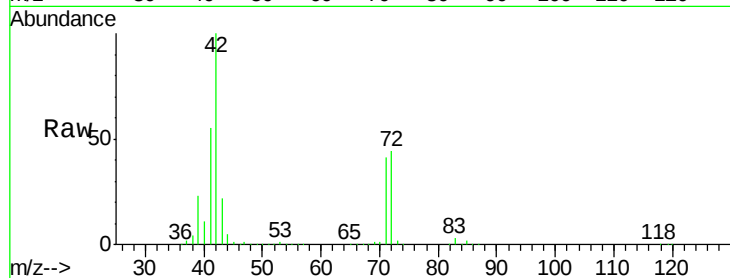




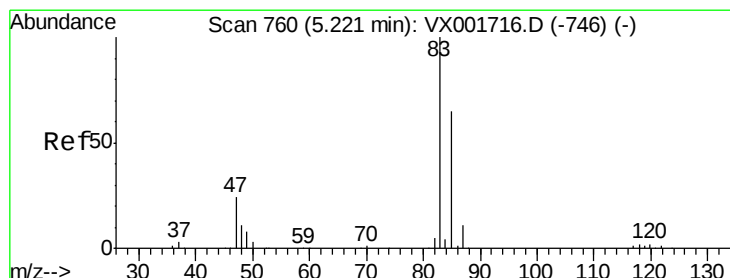
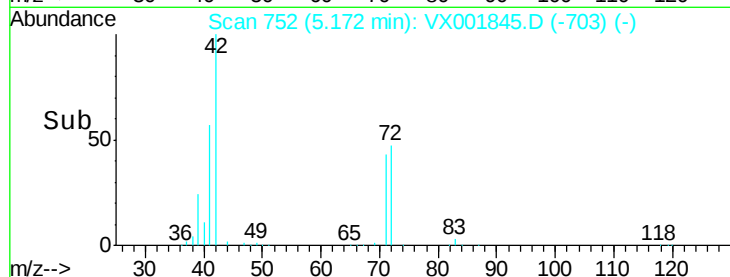
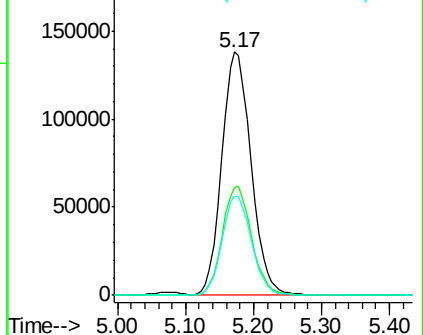
#29
Tetrahydrofuran
Concen: 281.58 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 42 Resp: 410646
Ion Ratio Lower Upper
42 100
72 44.9 35.4 53.2
71 41.3 33.2 49.8

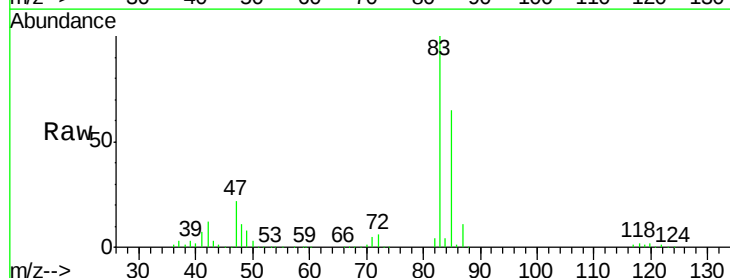


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

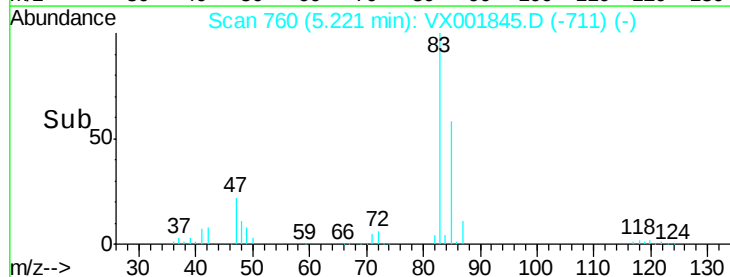
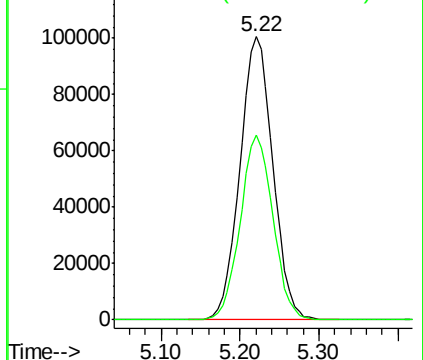


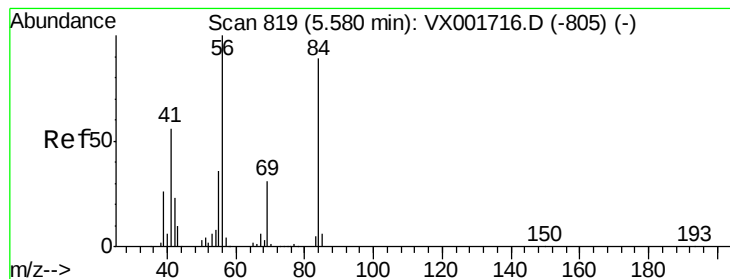
#30
Chloroform
Concen: 52.11 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Tgt Ion: 83 Resp: 292035
Ion Ratio Lower Upper
83 100
85 65.1 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 52.11 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

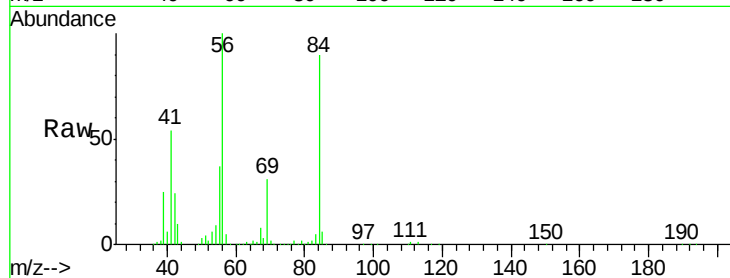
Tot Ion: 56 Resp: 243706

Ion Ratio Lower Upper

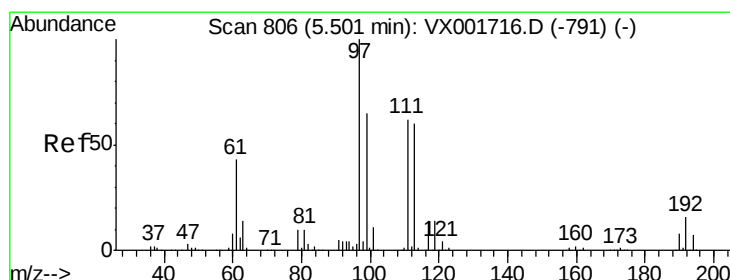
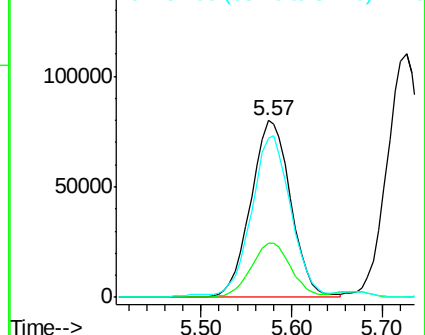
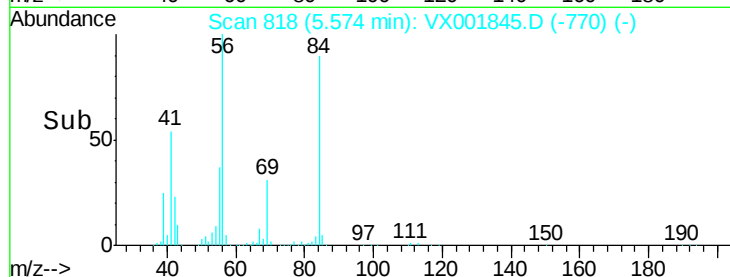
56 100

69 30.7 25.0 37.6

84 88.6 71.0 106.4



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



#32

1,1,1-Trichloroethane

Concen: 51.81 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

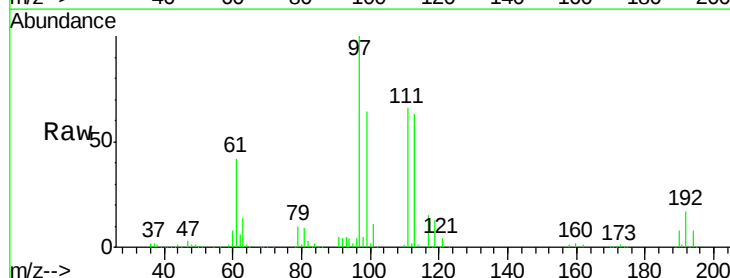
Tgt Ion: 97 Resp: 250886

Ion Ratio Lower Upper

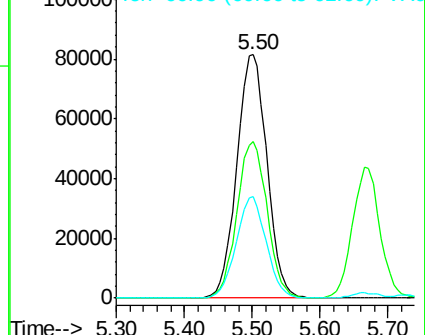
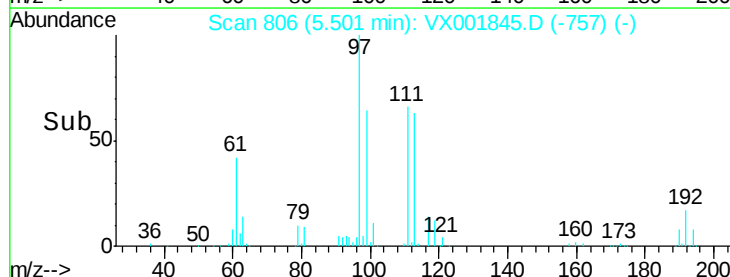
97 100

99 64.2 51.3 76.9

61 41.5 34.0 51.0



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





#33

1,2-Dichloroethane-d4

Concen: 46.96 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

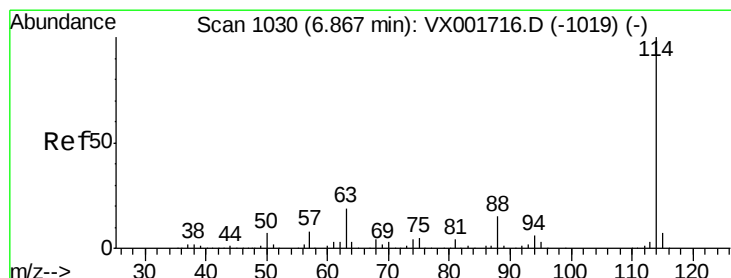
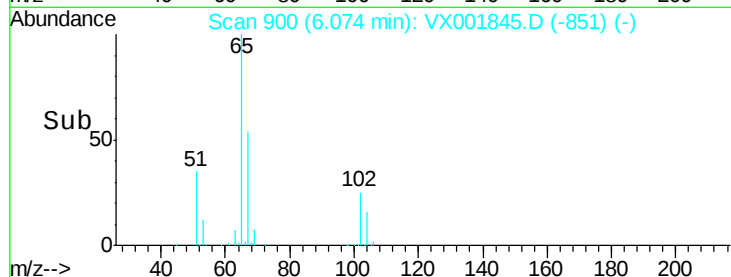
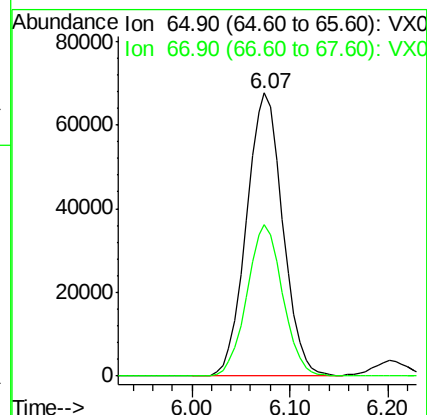
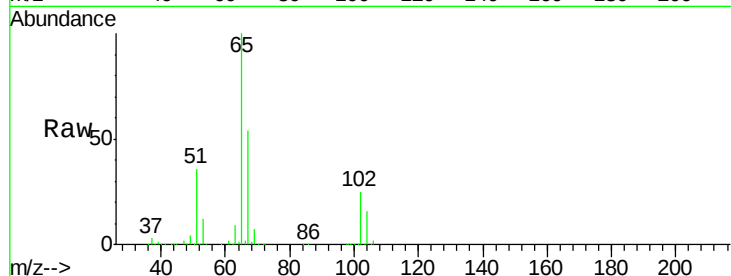
ClientSampleId :

Tot Ion: 65 Resp: 174712

Ion Ratio Lower Upper

65 100

67 52.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

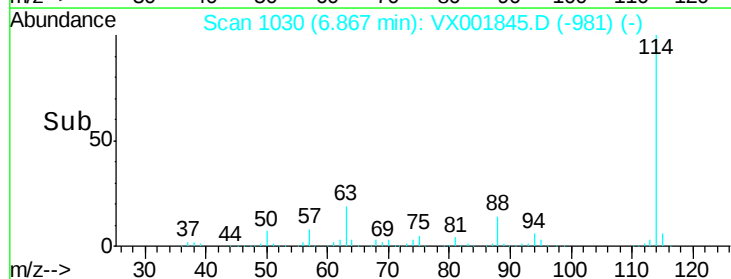
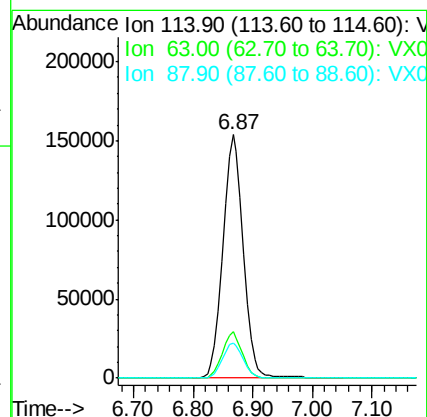
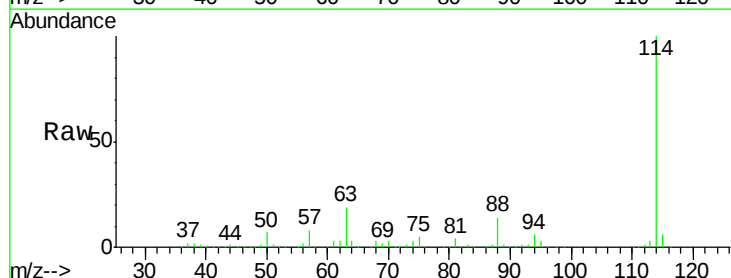
Tgt Ion: 114 Resp: 365017

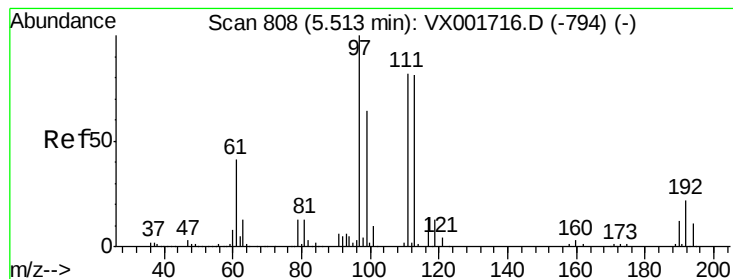
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

88 14.5 0.0 29.8





#35

Dibromofluoromethane

Concen: 50.82 ug/l

RT: 5.51 min Scan# 807

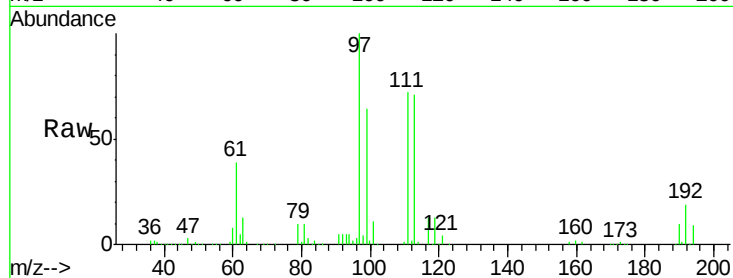
Delta R.T. -0.01 min

Lab File: VX001845.D

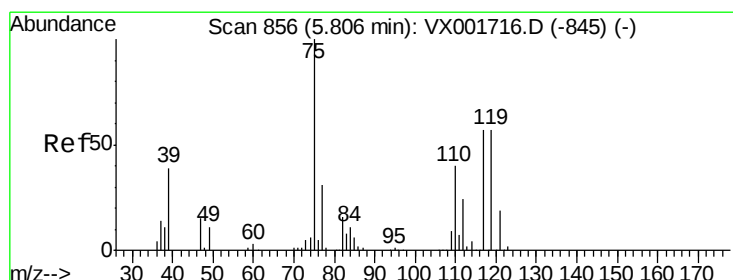
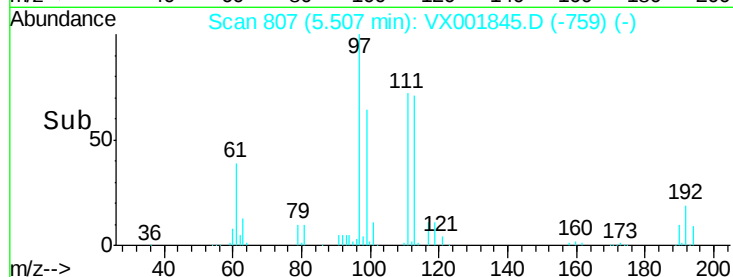
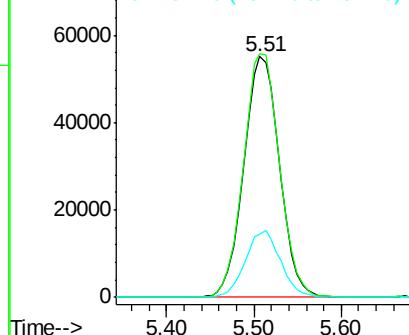
Acq: 19 May 2018 00:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	156539
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	27.3	21.6	32.4



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



#36

1,1-Dichloropropene

Concen: 48.91 ug/l

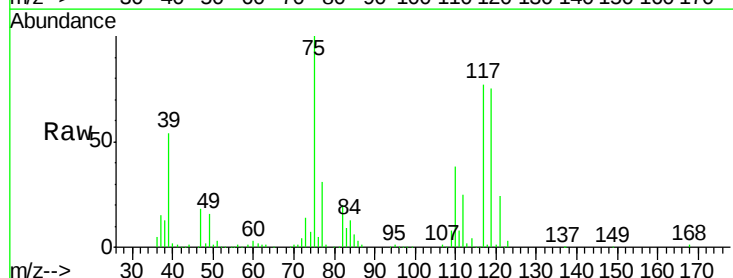
RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

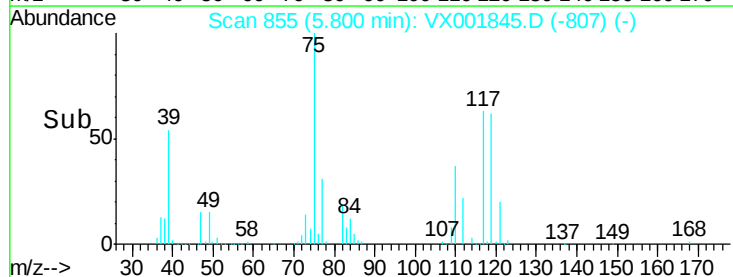
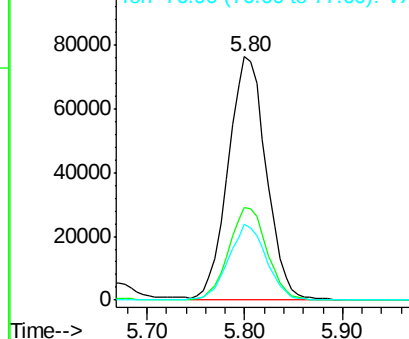
Lab File: VX001845.D

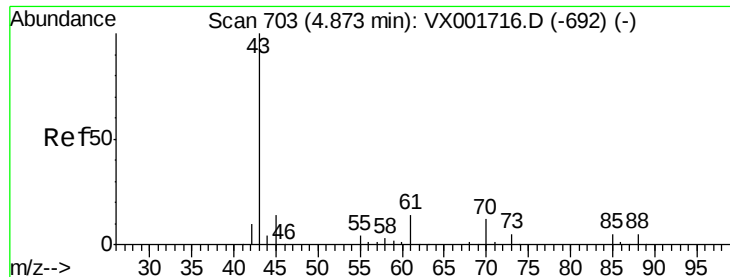
Acq: 19 May 2018 00:14

Tgt Ion:	75	Resp:	205504
Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.1	57.1
77	30.5	24.6	37.0



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





#37

Ethyl Acetate

Concen: 54.02 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

ClientSampled :

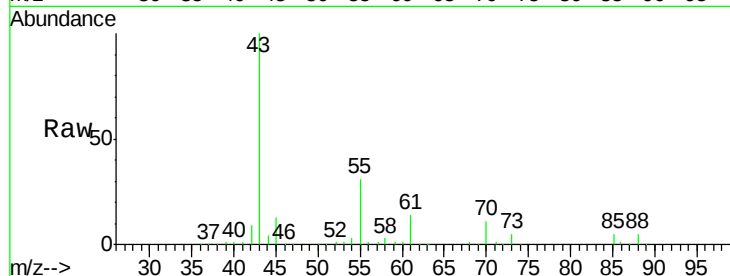
Tot Ion: 43 Resp: 236573

Ion Ratio Lower Upper

43 100

61 14.2 10.9 16.3

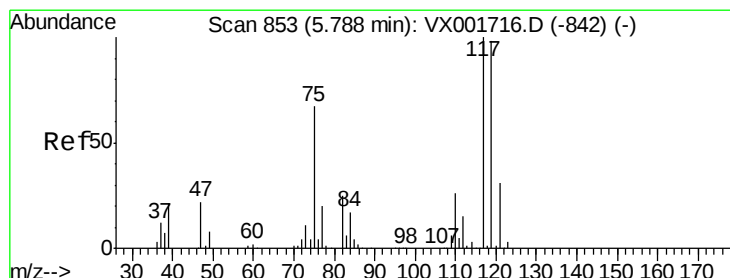
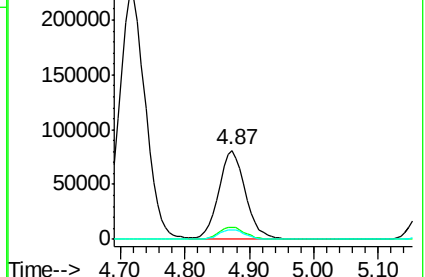
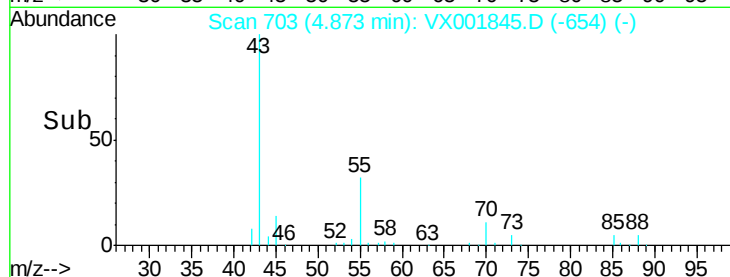
70 10.8 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VX001845.D (-654) (-)

Ion 60.90 (60.60 to 61.60): VX001845.D (-654) (-)

Ion 70.00 (69.70 to 70.70): VX001845.D (-654) (-)



#38

Carbon Tetrachloride

Concen: 50.56 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

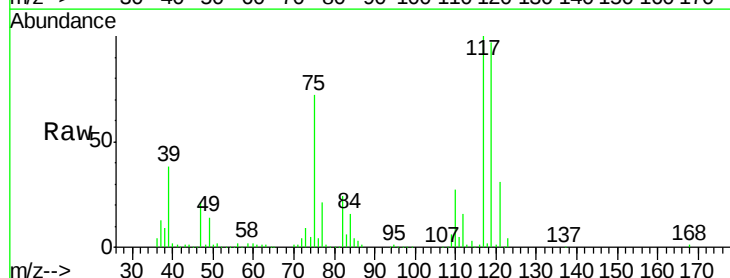
Tgt Ion: 117 Resp: 222575

Ion Ratio Lower Upper

117 100

119 96.7 77.6 116.4

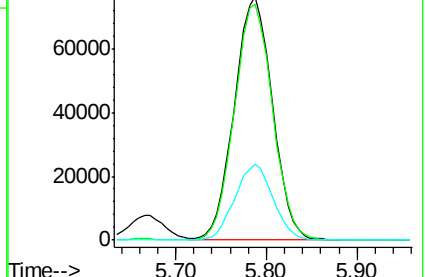
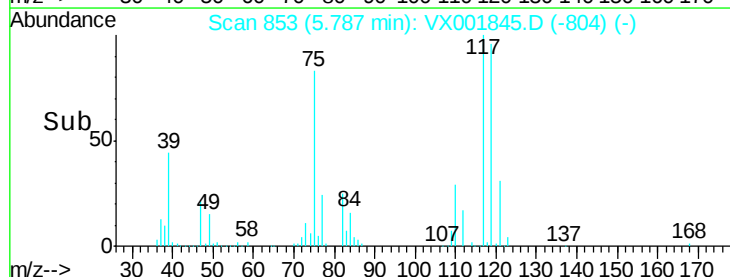
121 31.2 24.6 36.8

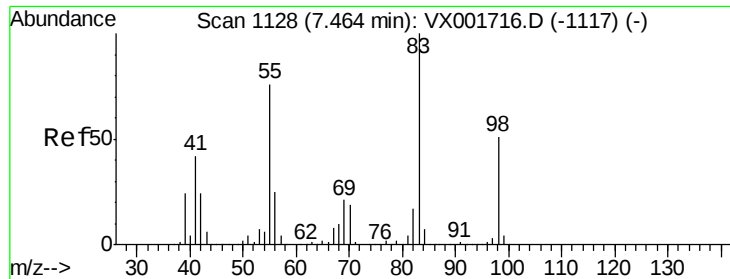


Abundance Ion 116.80 (116.50 to 117.50): VX001845.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX001845.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX001845.D (-804) (-)

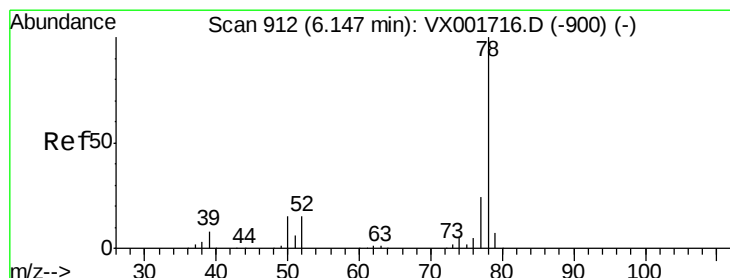
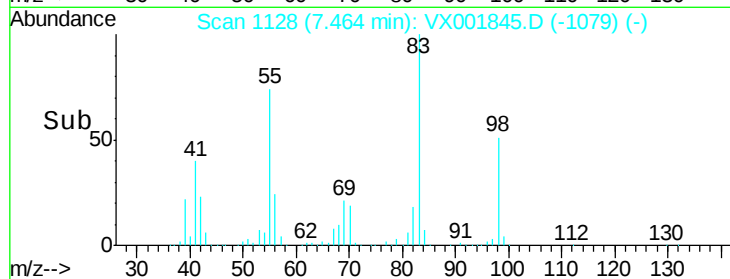
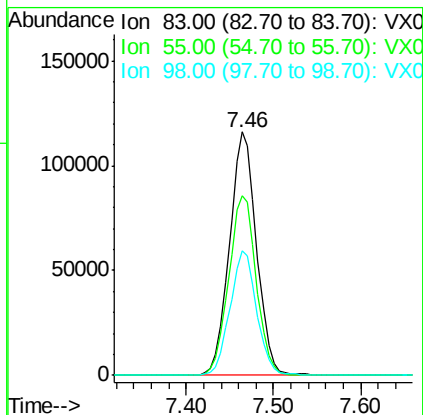
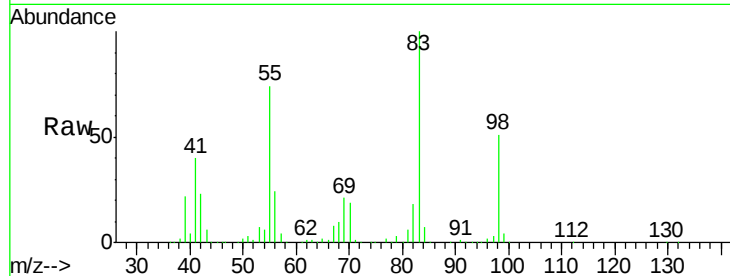




#39
Methvlcvclohexane
Concen: 50.72 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

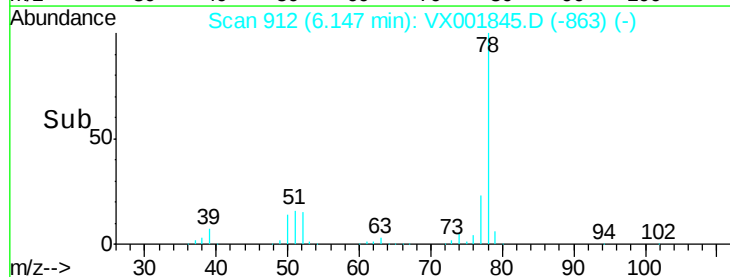
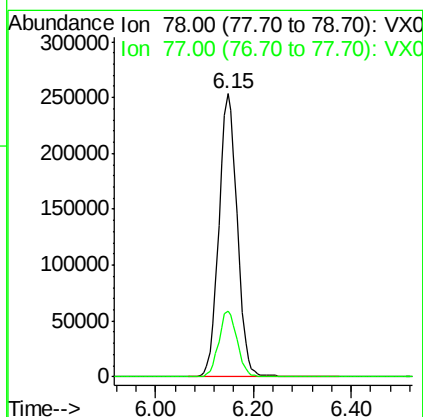
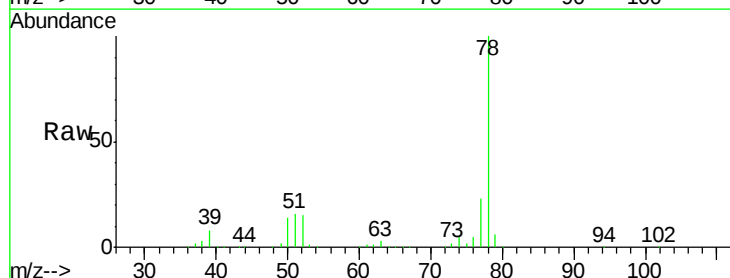
Instrument :
MSVOA_X
ClientSampled :

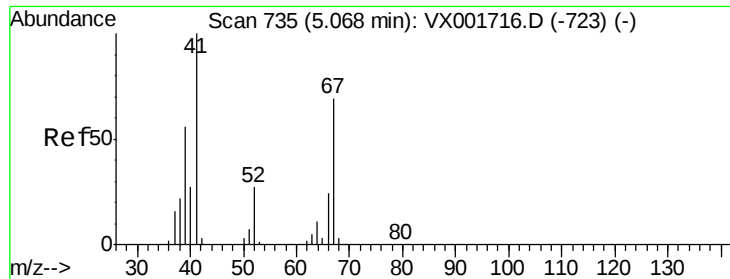
Tot Ion: 83 Resp: 249009
Ion Ratio Lower Upper
83 100
55 74.0 60.6 90.8
98 51.1 40.4 60.6



#40
Benzene
Concen: 53.19 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Tgt Ion: 78 Resp: 658550
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4

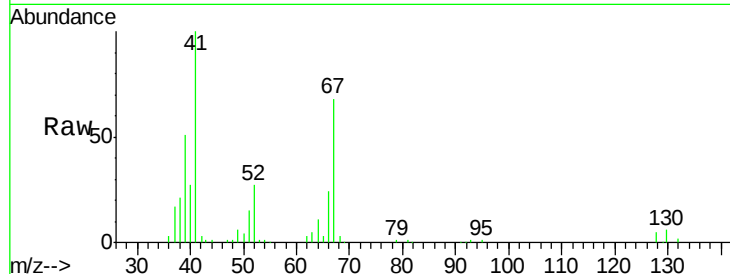




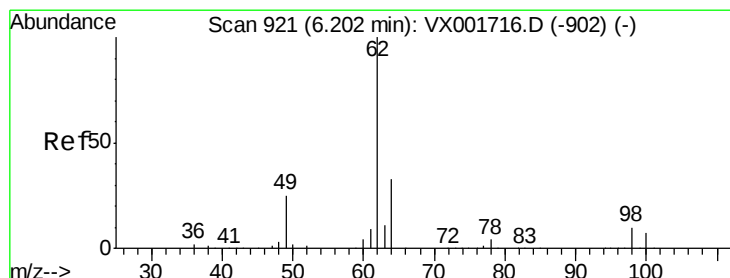
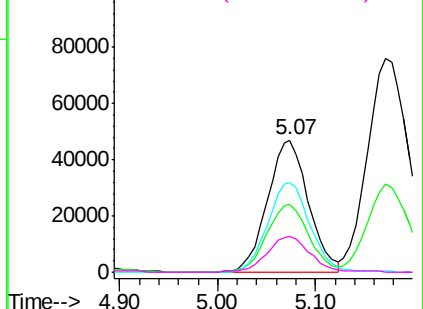
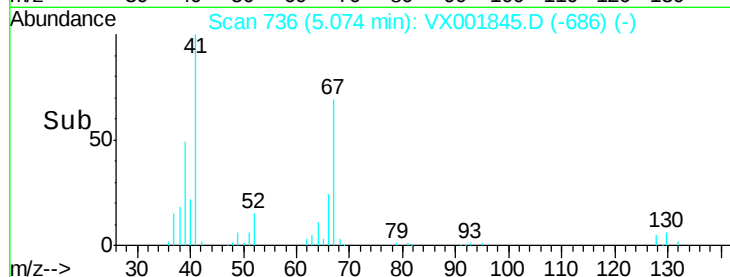
#41
Methacrylonitrile
Concen: 54.04 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	136852
Ion	Ratio	Lower	Upper
41	100		
39	52.3	44.2	66.4
67	70.7	56.0	84.0
52	28.3	22.6	33.8

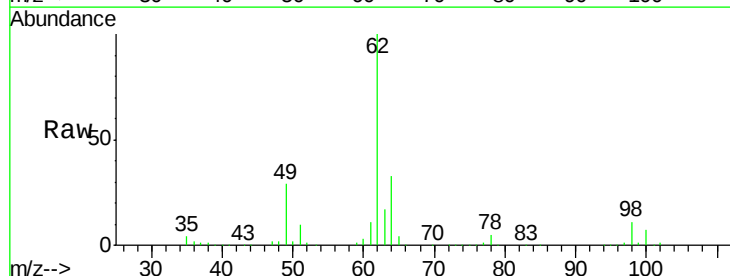


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

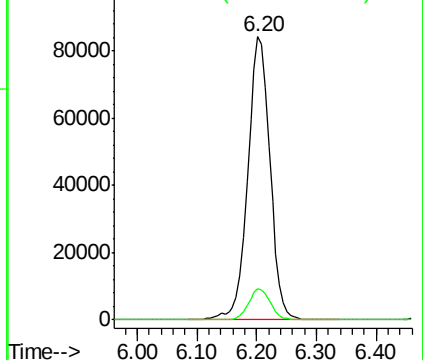
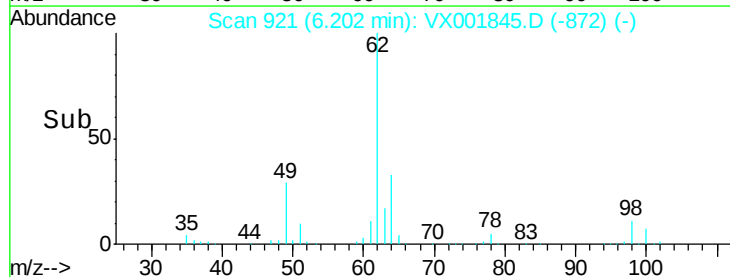


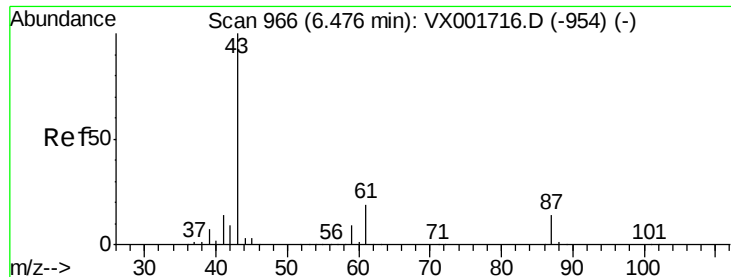
#42
1,2-Dichloroethane
Concen: 48.90 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Tgt Ion:	62	Resp:	218968
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.0



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



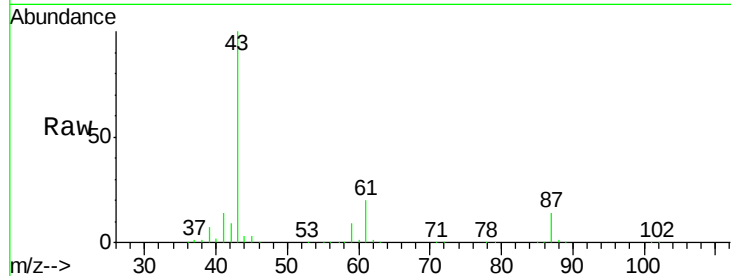


#43

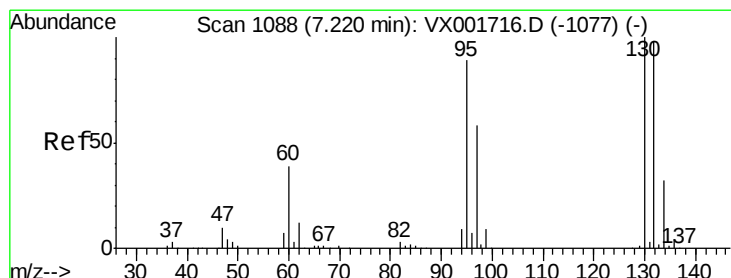
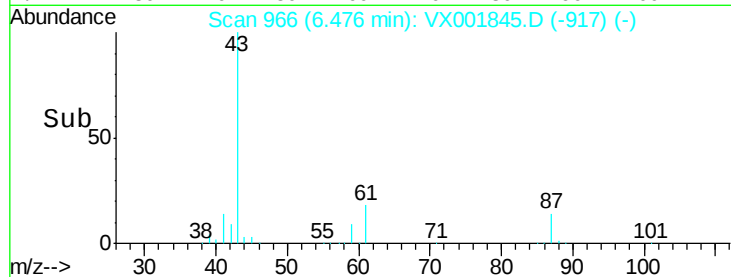
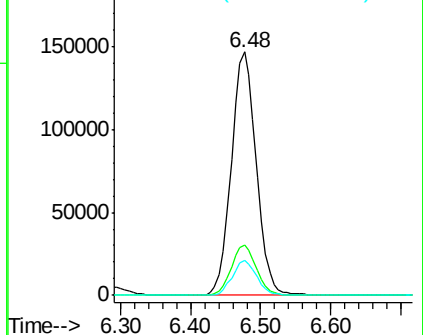
Isopropyl Acetate
 Concen: 52.86 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 362292
 Ion Ratio Lower Upper
 43 100
 61 20.7 15.8 23.8
 87 14.0 11.0 16.4



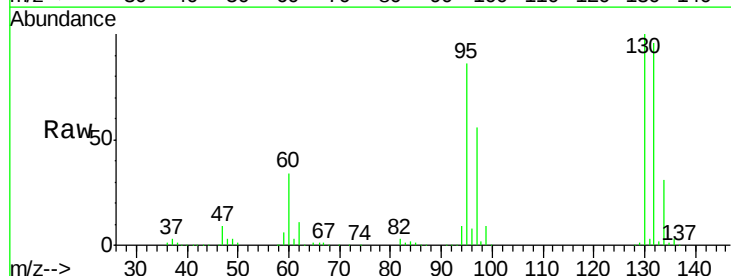
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



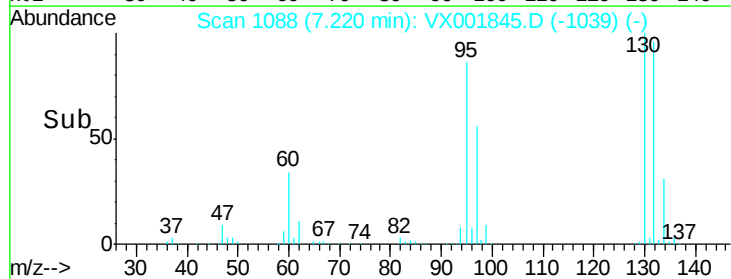
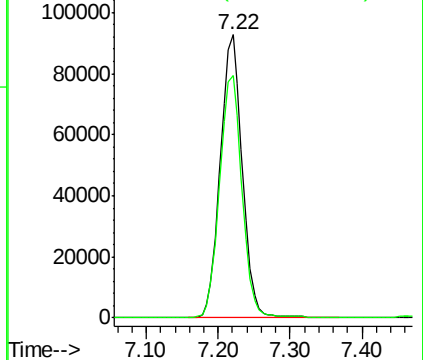
#44

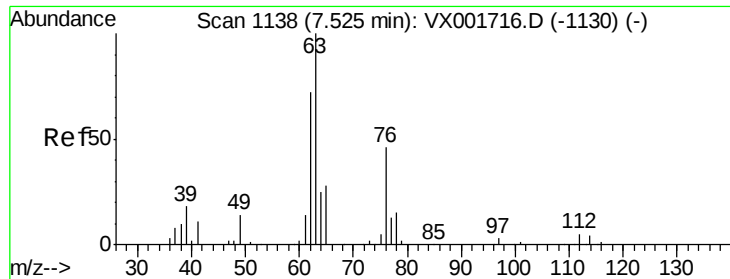
Trichloroethene
 Concen: 51.57 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

Tgt Ion:130 Resp: 198169
 Ion Ratio Lower Upper
 130 100
 95 85.6 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

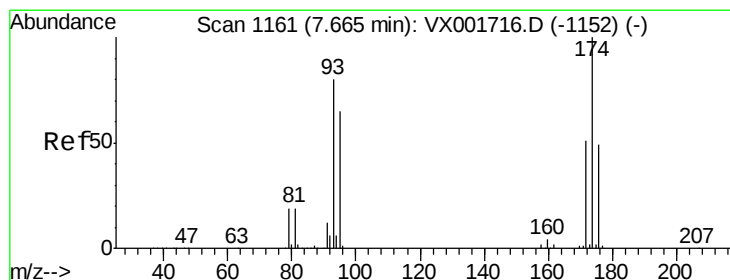
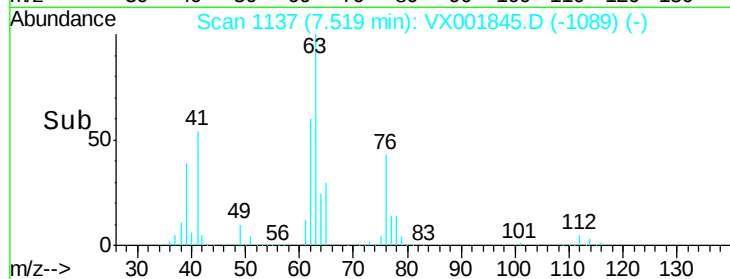
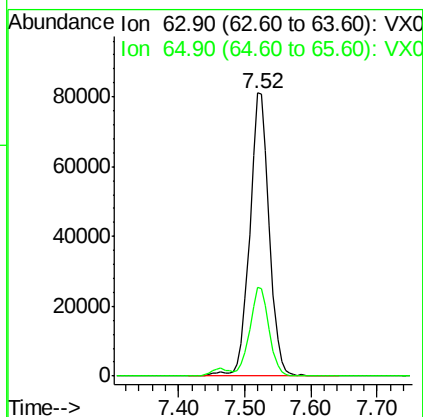
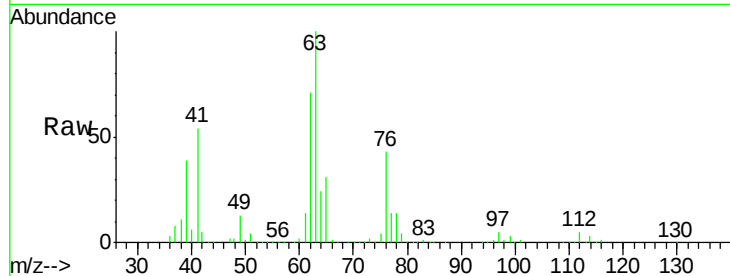




#45
 1,2-Dichloropropane
 Concen: 55.18 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

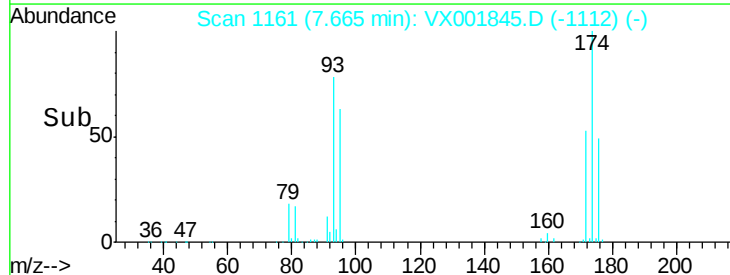
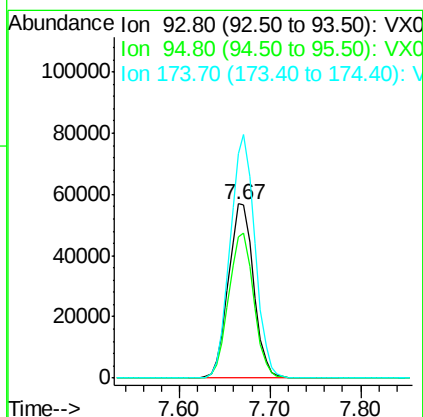
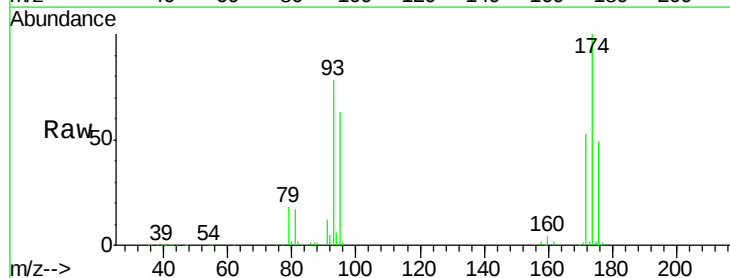
Instrument :
 MSVOA_X
 ClientSampleId :

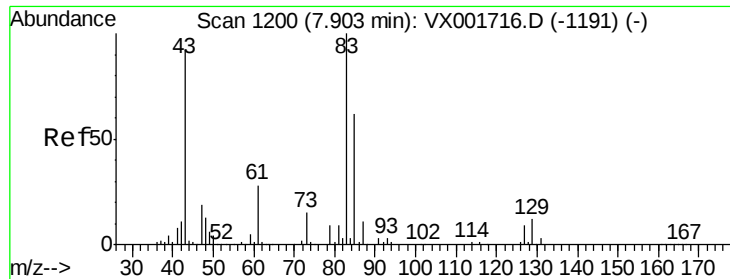
Tot Ion: 63 Resp: 167630
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.2 36.2



#46
 Dibromomethane
 Concen: 51.66 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

Tgt Ion: 93 Resp: 110207
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.9 98.9
 174 136.8 106.2 159.2





#47

Bromodichloromethane

Concen: 54.11 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

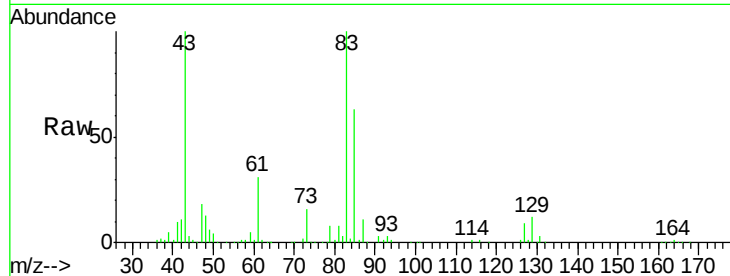
Tot Ion: 83 Resp: 214184

Ion Ratio Lower Upper

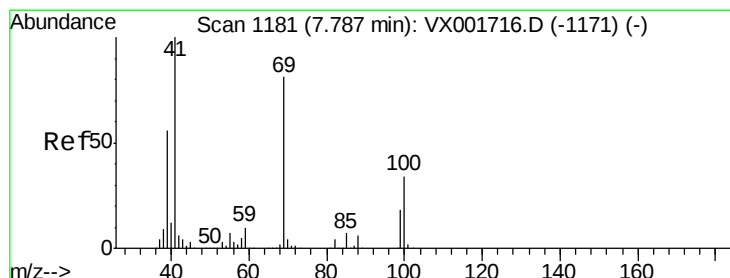
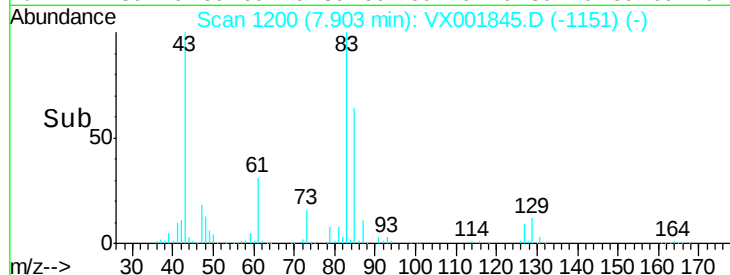
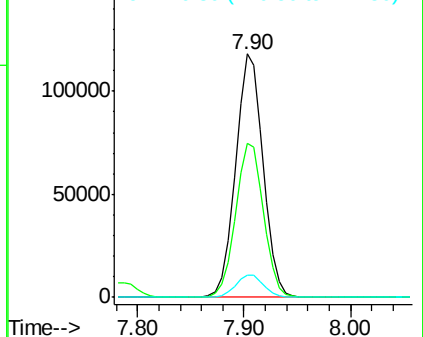
83 100

85 63.5 49.6 74.4

127 9.4 7.5 11.3



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: 54.29 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

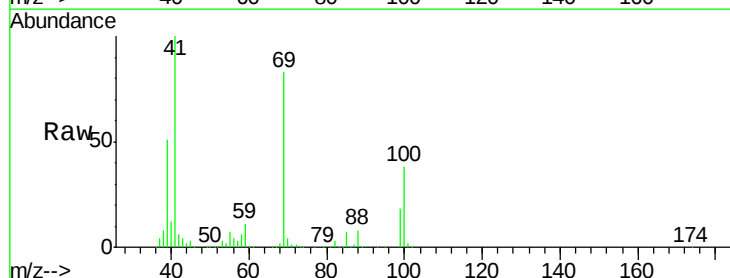
Tgt Ion: 41 Resp: 195845

Ion Ratio Lower Upper

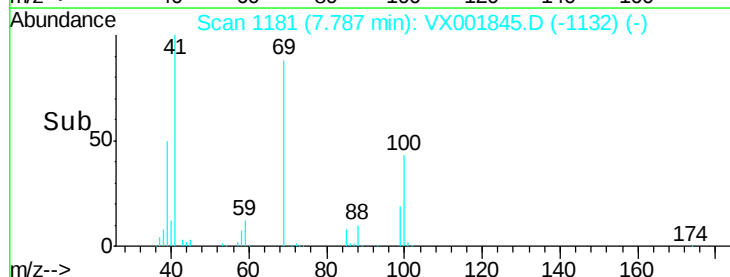
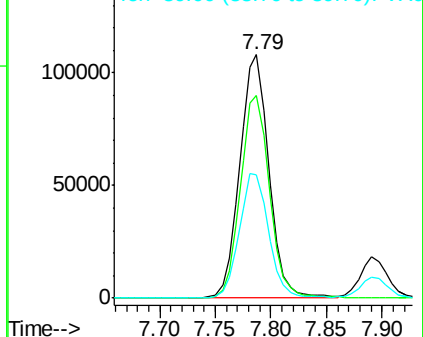
41 100

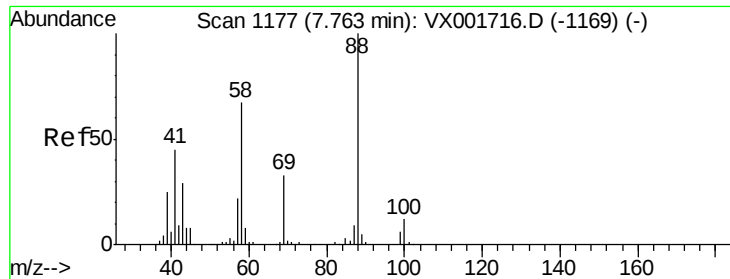
69 84.0 65.2 97.8

39 51.4 44.5 66.7



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

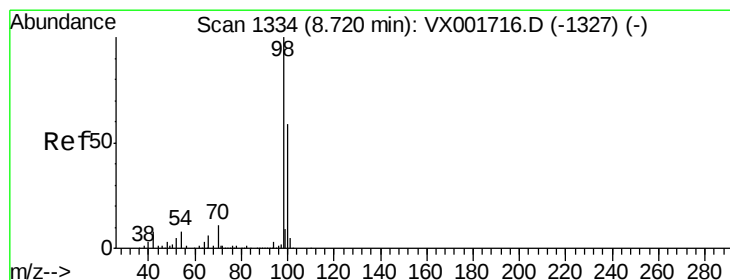
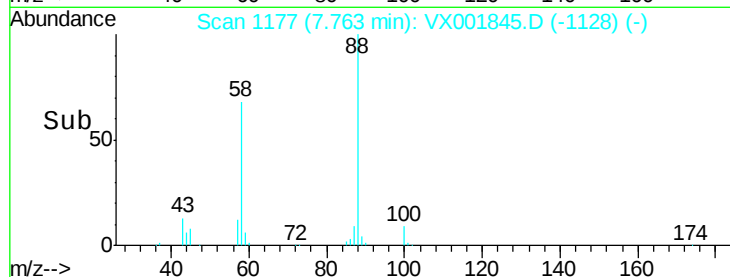
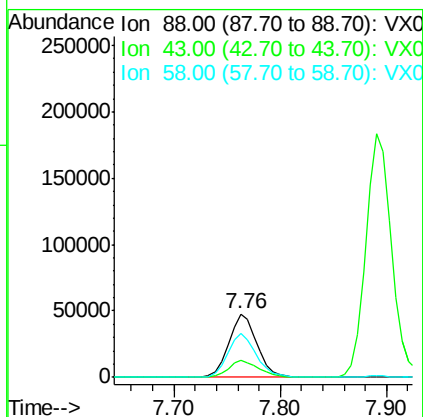
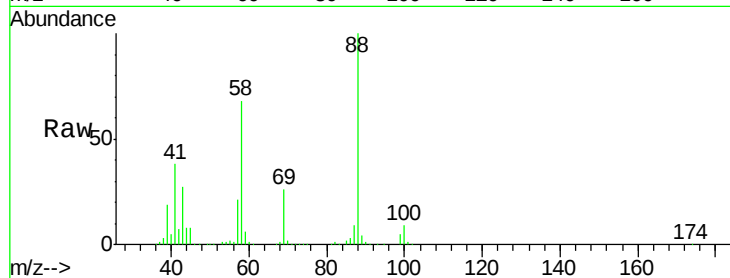




#49
 1,4-Dioxane
 Concen: 1273.28 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

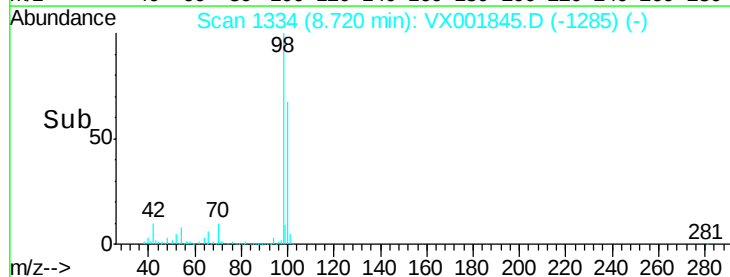
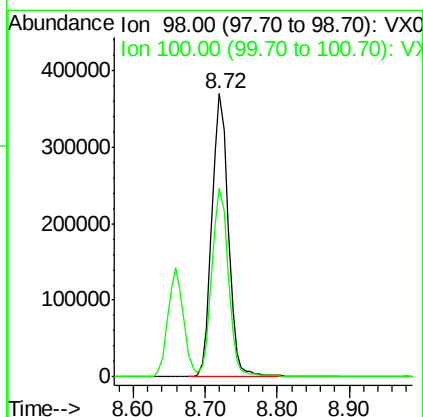
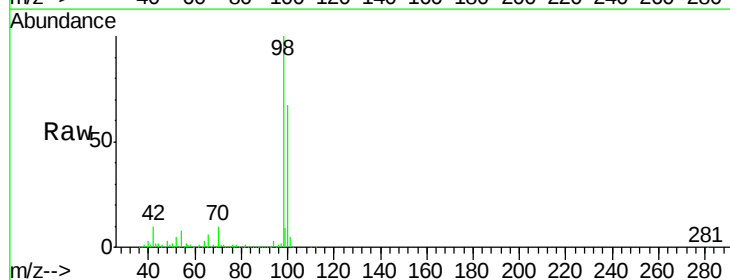
Instrument :
 MSVOA_X
 ClientSampleId :

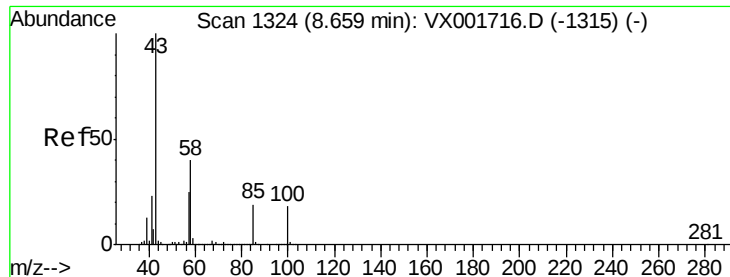
Tot Ion: 88 Resp: 88442
 Ion Ratio Lower Upper
 88 100
 43 30.4 27.3 40.9
 58 69.5 55.9 83.9



#50
 Toluene-d8
 Concen: 52.96 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

Tgt Ion: 98 Resp: 584311
 Ion Ratio Lower Upper
 98 100
 100 67.5 54.0 81.0

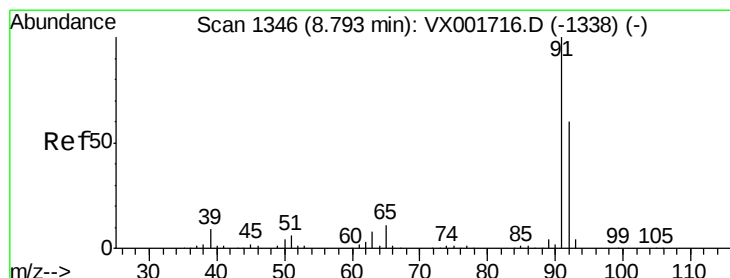
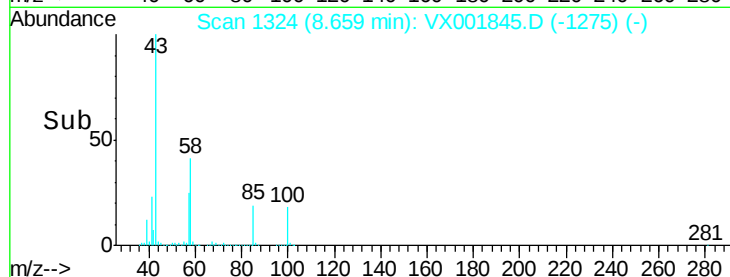
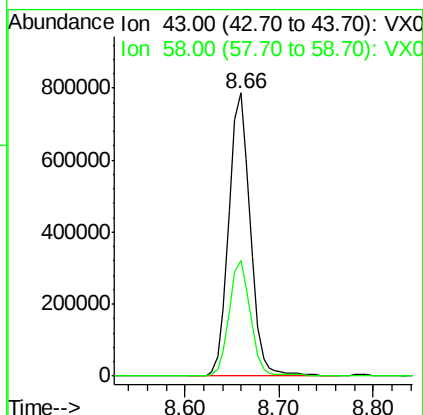
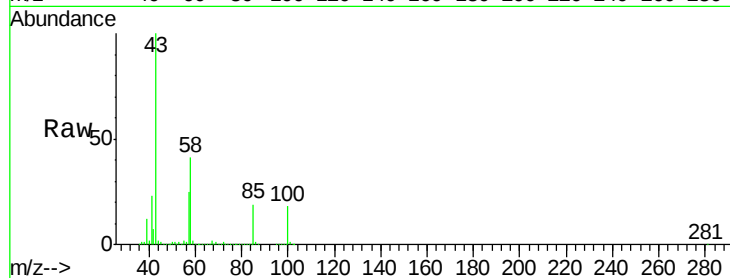




#51
 4-Methyl-2-Pentanone
 Concen: 288.65 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

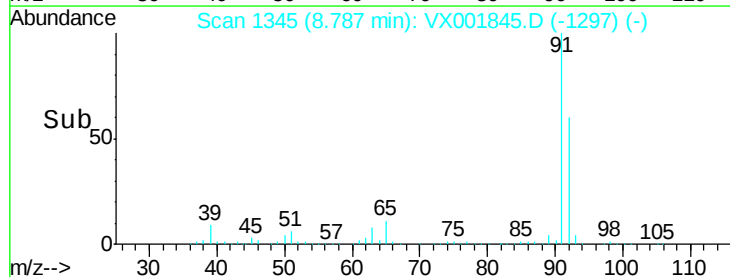
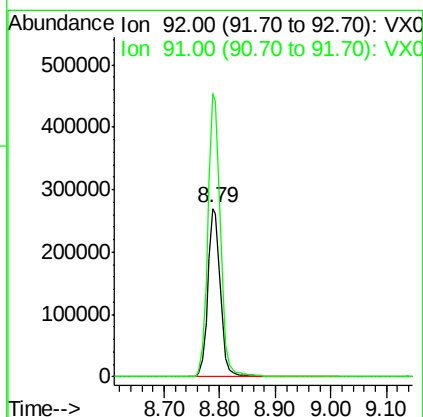
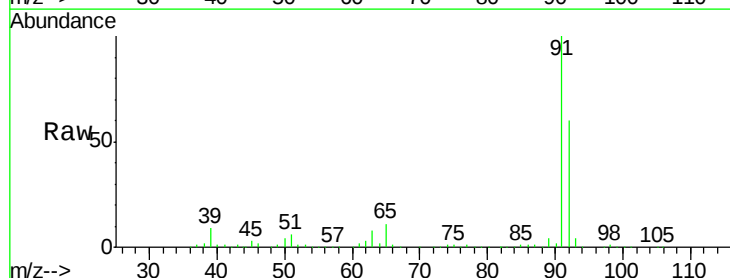
Instrument :
 MSVOA_X
 ClientSampleId :

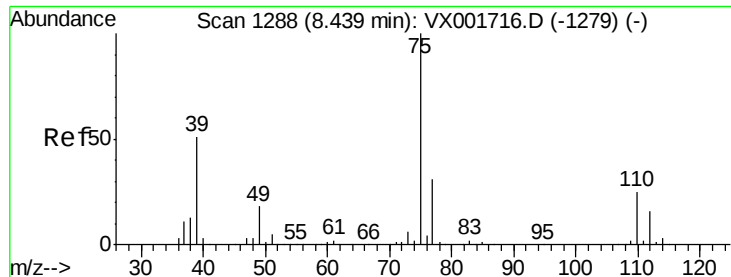
Tot Ion: 43 Resp: 1253702
 Ion Ratio Lower Upper
 43 100
 58 40.7 31.4 47.0



#52
 Toluene
 Concen: 53.93 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

Tgt Ion: 92 Resp: 428992
 Ion Ratio Lower Upper
 92 100
 91 168.7 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 52.89 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

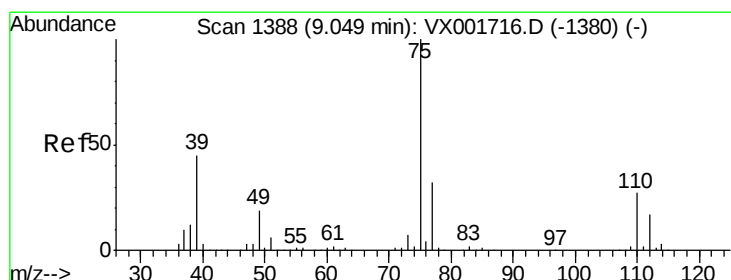
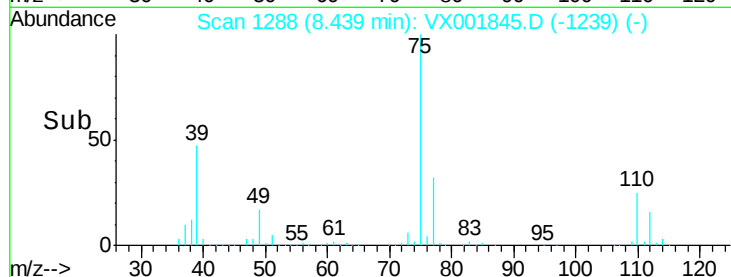
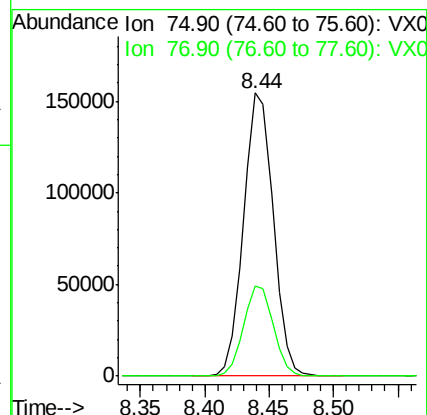
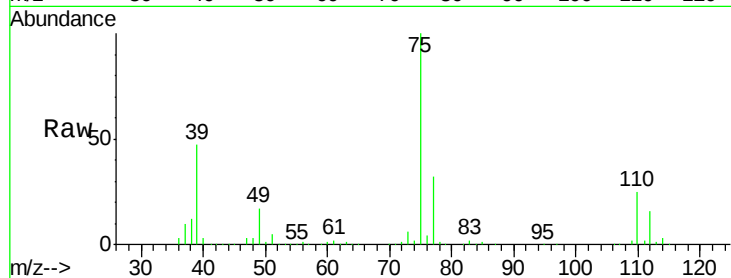
ClientSampleId :

Tot Ion: 75 Resp: 246311

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 53.35 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

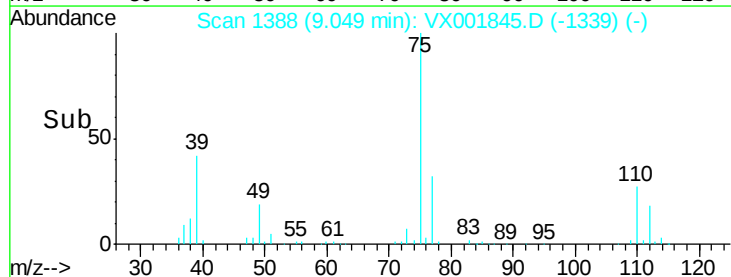
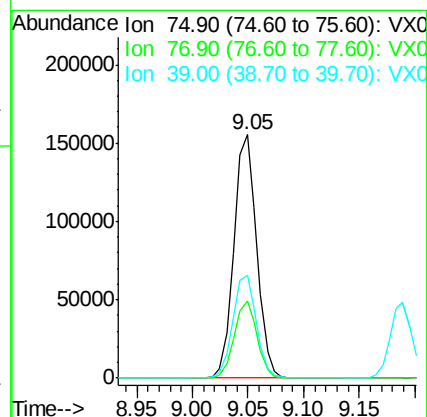
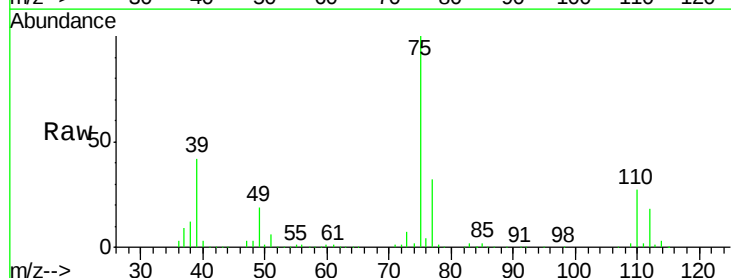
Tgt Ion: 75 Resp: 219030

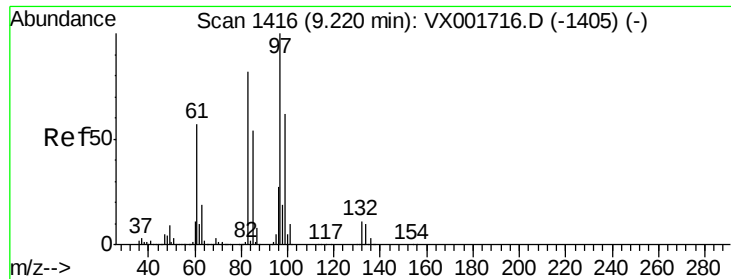
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

39 42.3 36.1 54.1

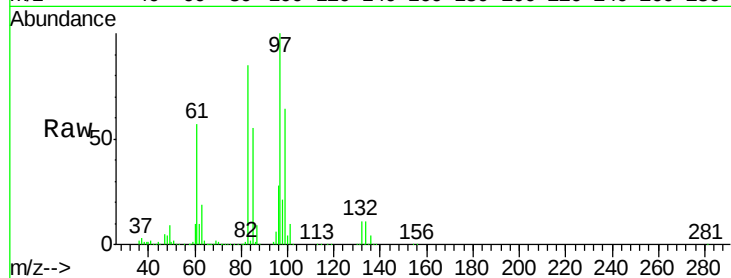




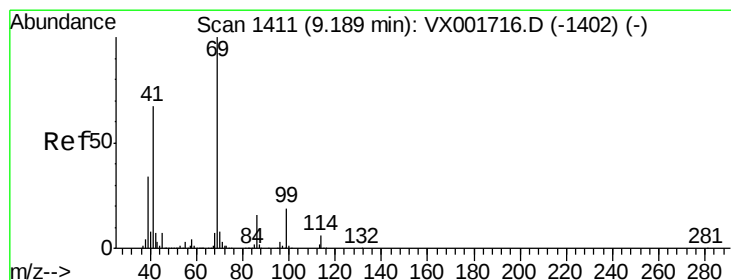
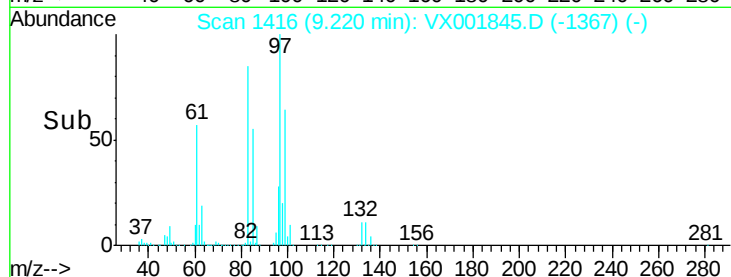
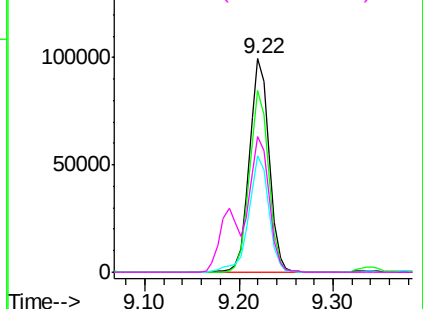
#55
 1,1,2-Trichloroethane
 Concen: 48.04 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	146091
Ion	Ratio	Lower	Upper
97	100		
83	84.9	65.8	98.8
85	54.6	43.4	65.0
99	63.7	49.8	74.6

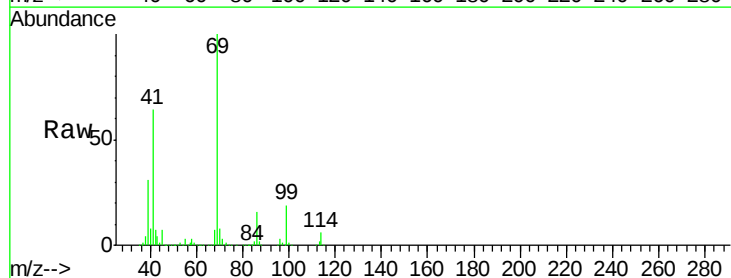


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

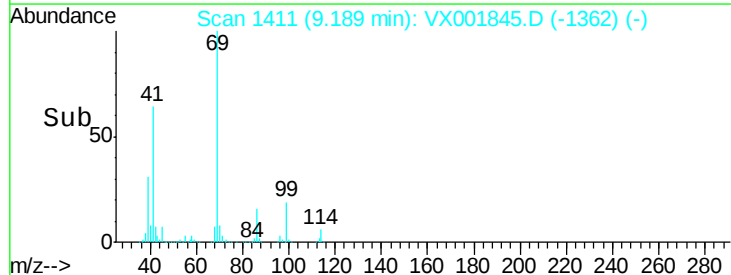
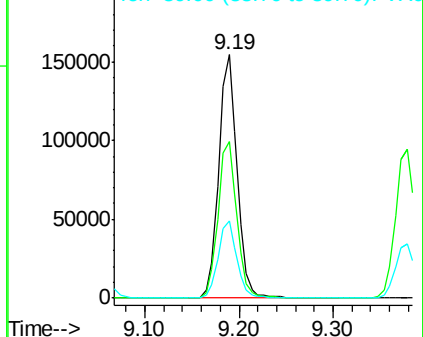


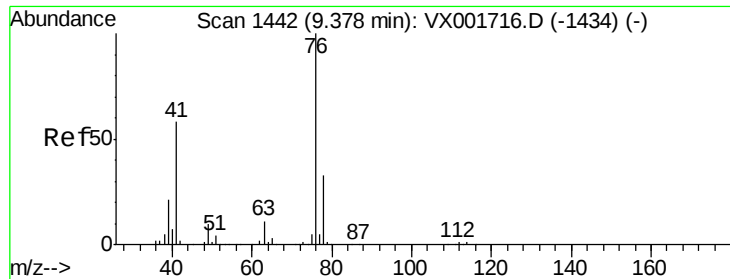
#56
 Ethyl methacrylate
 Concen: 48.48 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

Tgt Ion:	69	Resp:	209075
Ion	Ratio	Lower	Upper
69	100		
41	66.0	53.5	80.3
39	32.0	27.2	40.8



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





#57

1,3-Dichloropropane

Concen: 47.38 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

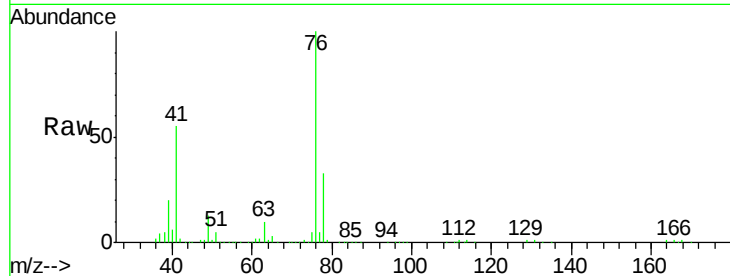
ClientSampleId :

Tot Ion: 76 Resp: 241203

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

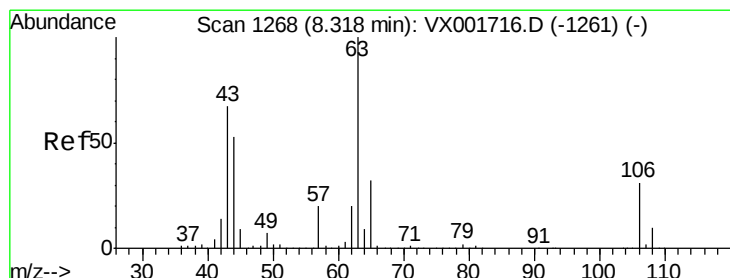
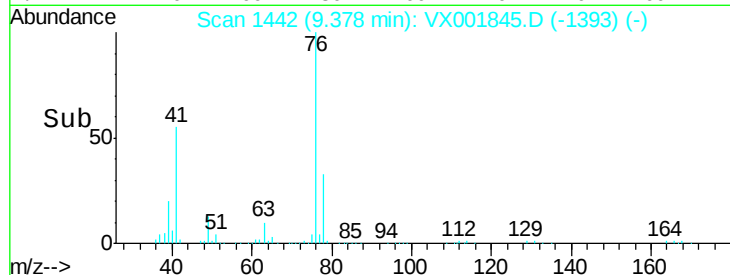
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 279.26 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX001845.D

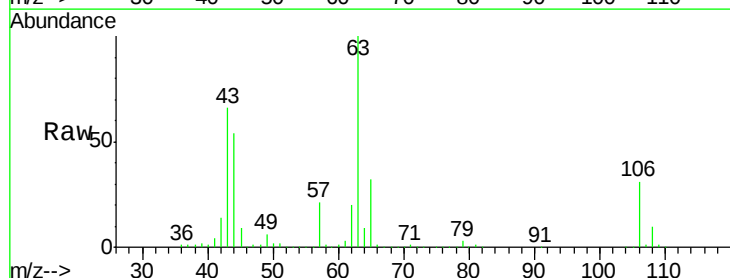
Acq: 19 May 2018 00:14

Tgt Ion: 63 Resp: 619461

Ion Ratio Lower Upper

63 100

106 31.7 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

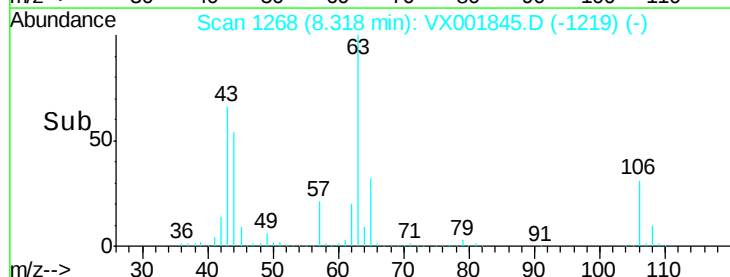
300000

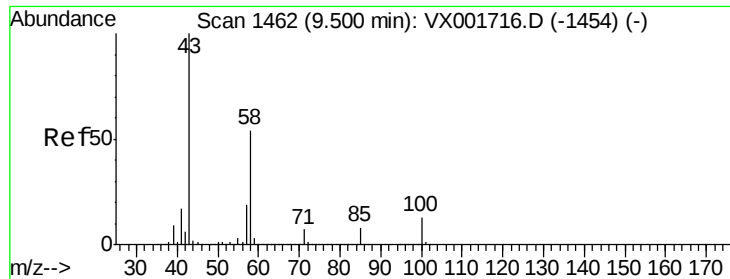
200000

100000

0

Time-->

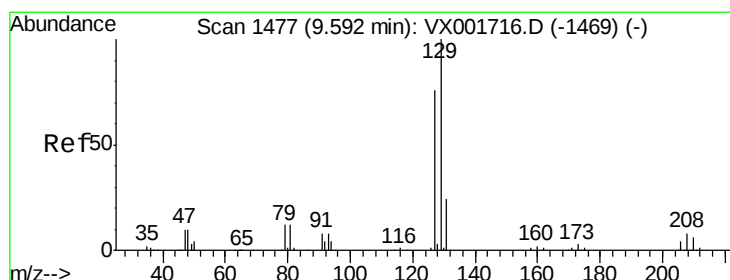
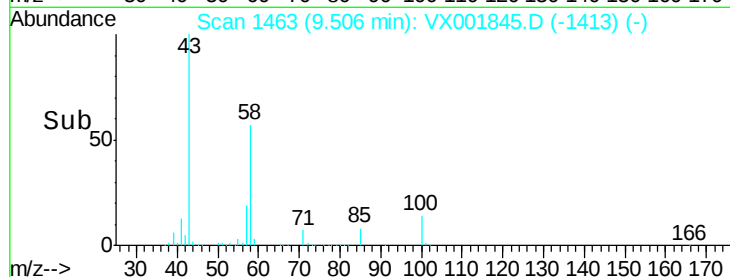
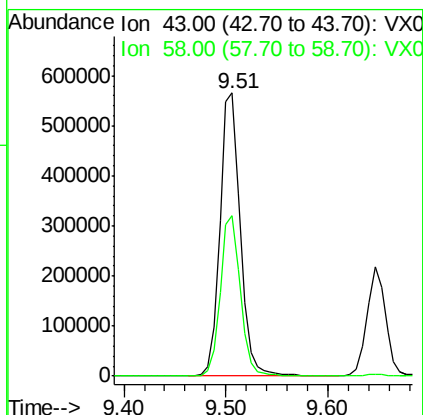
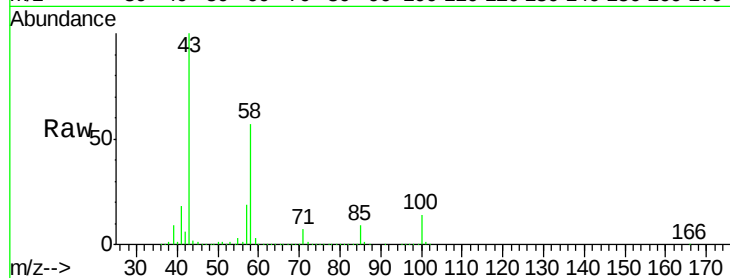




#59
2-Hexanone
Concen: 254.65 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

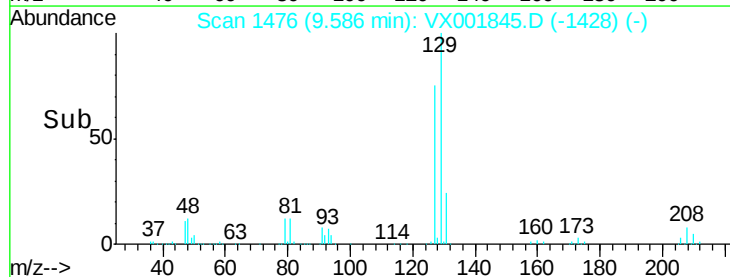
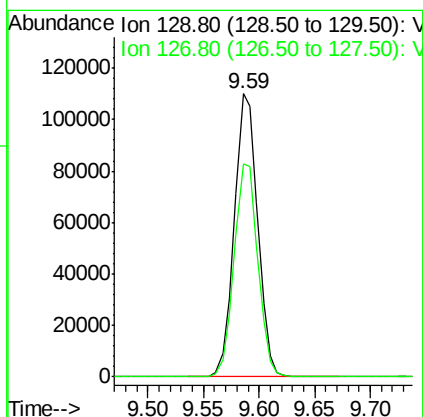
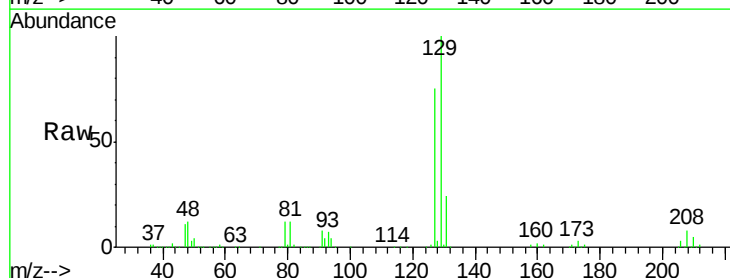
Instrument :
MSVOA_X
ClientSampleId :

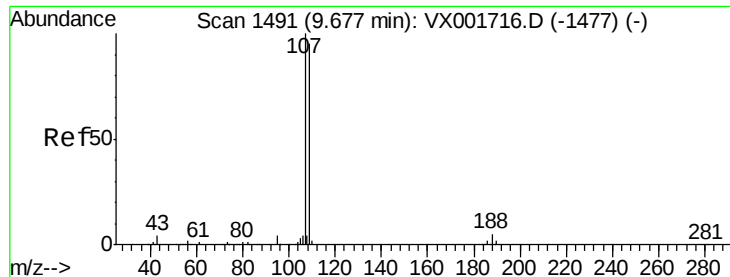
Tot Ion: 43 Resp: 791745
Ion Ratio Lower Upper
43 100
58 56.1 27.7 83.1



#60
Dibromochloromethane
Concen: 51.23 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Tgt Ion: 129 Resp: 159509
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1

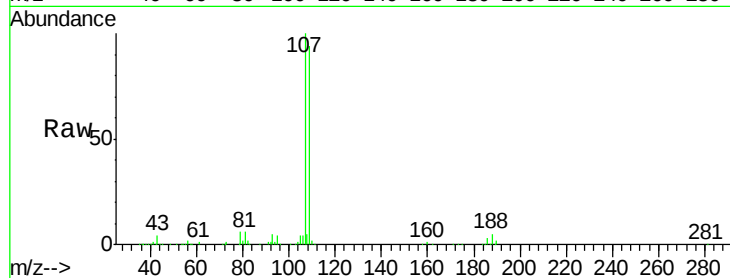




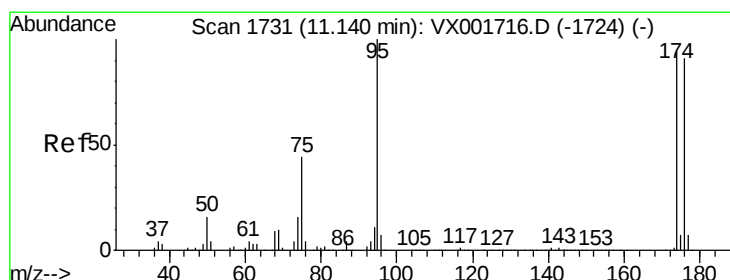
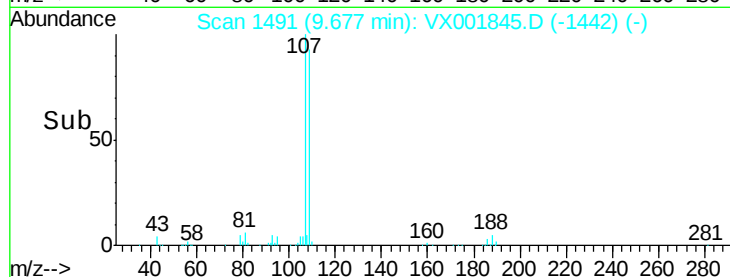
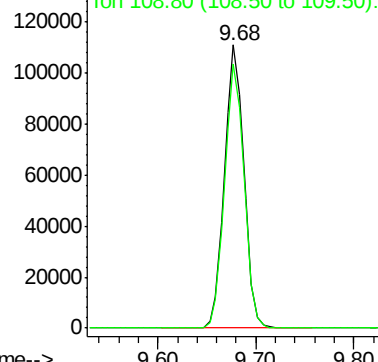
#61
 1,2-Dibromoethane
 Concen: 48.23 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:107 Resp: 153523
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.2 114.2

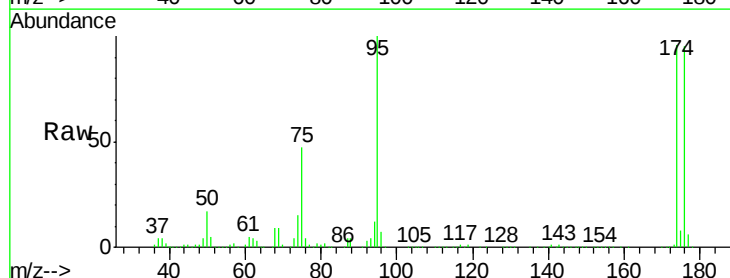


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

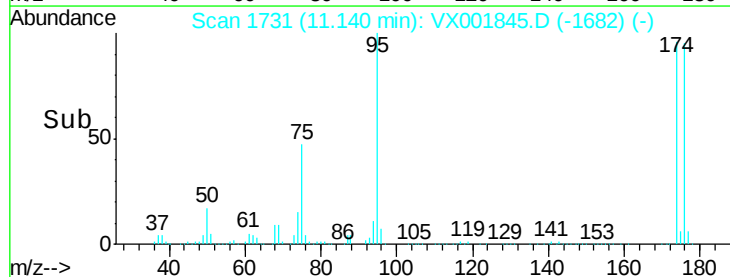
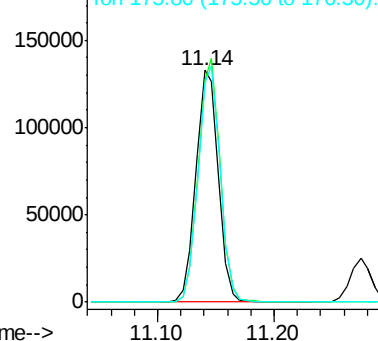


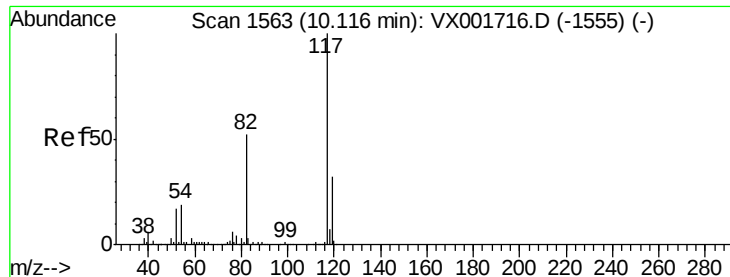
#62
 4-Bromofluorobenzene
 Concen: 44.19 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

Tgt Ion: 95 Resp: 175555
 Ion Ratio Lower Upper
 95 100
 174 103.1 0.0 201.8
 176 100.8 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

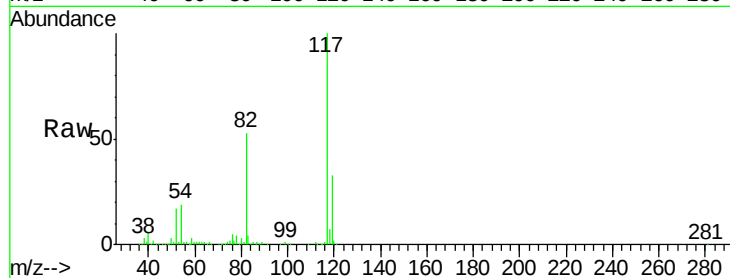
Tot Ion:117 Resp: 285494

Ion Ratio Lower Upper

117 100

82 52.6 41.4 62.2

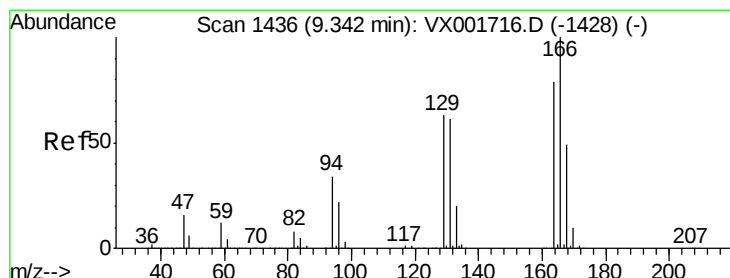
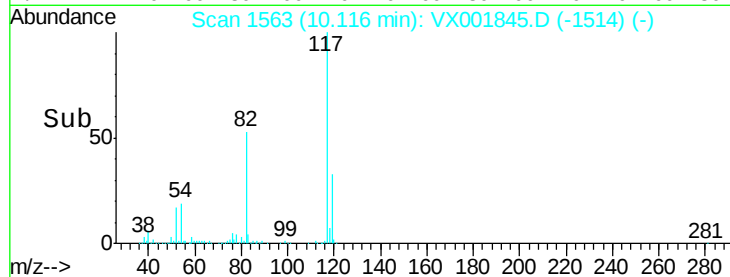
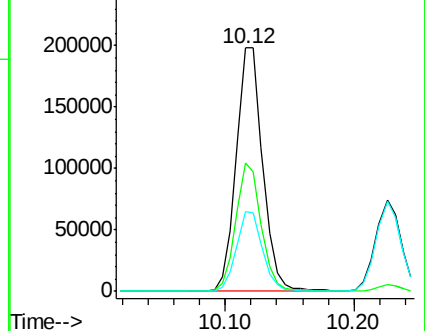
119 32.8 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 51.75 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Tgt Ion:164 Resp: 192344

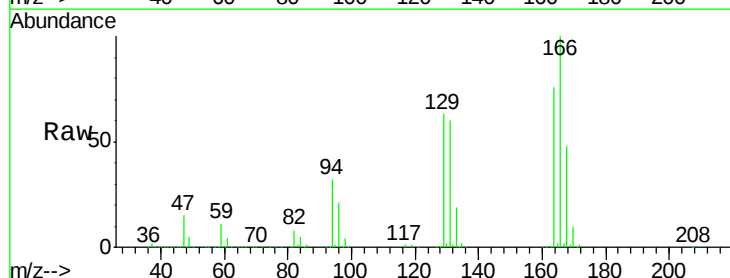
Ion Ratio Lower Upper

164 100

166 131.6 101.8 152.8

129 82.5 63.8 95.6

131 79.6 62.2 93.2

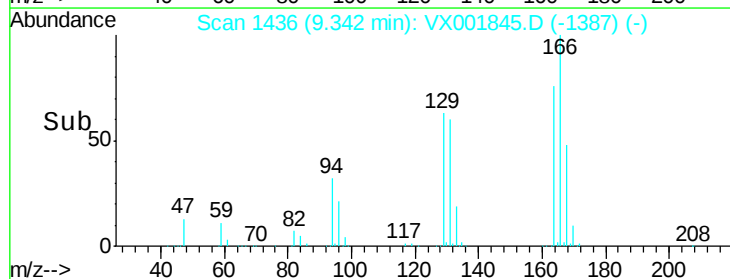
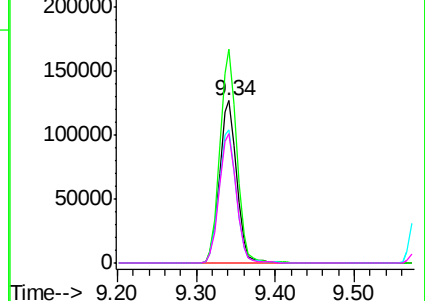


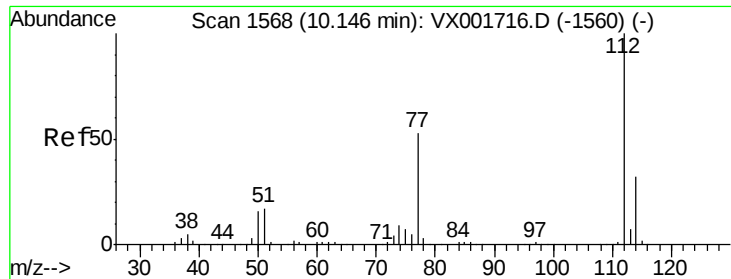
Abundance Ion 163.80 (163.50 to 164.50): V

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

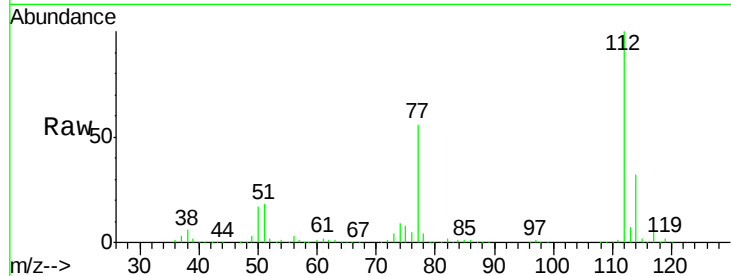




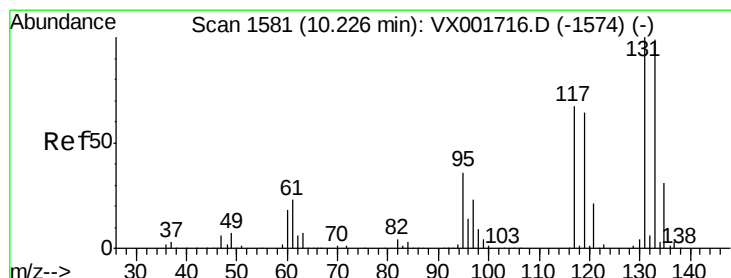
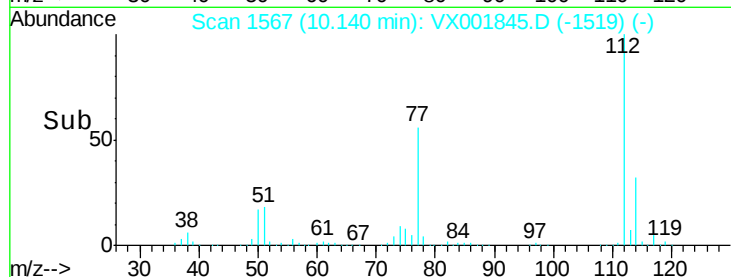
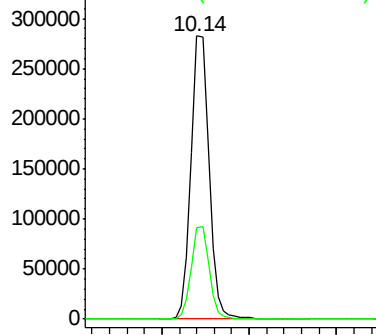
#65
Chlorobenzene
Concen: 51.42 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:112 Resp: 403766
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4

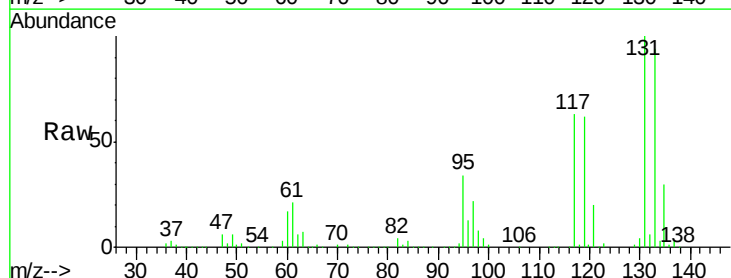


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

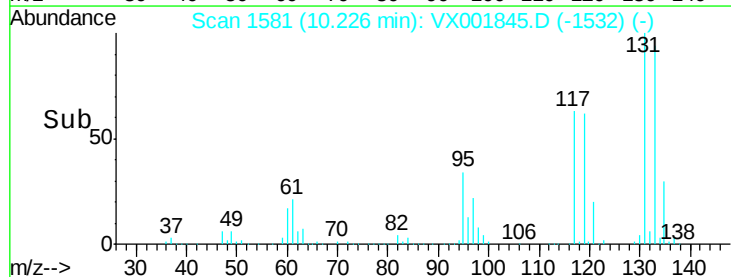
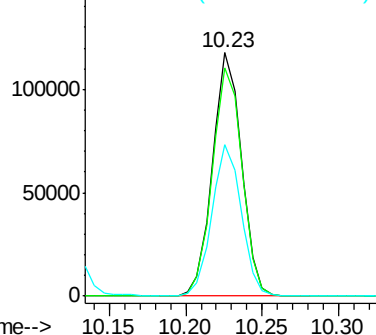


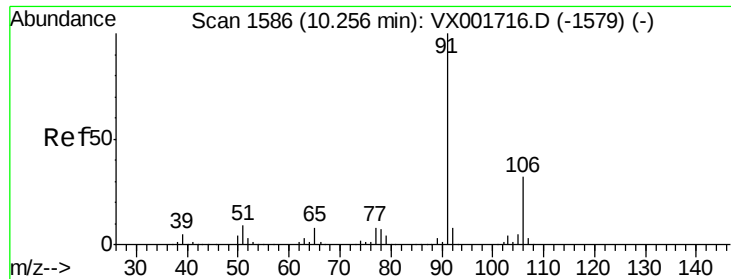
#66
1,1,1,2-Tetrachloroethane
Concen: 55.93 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Tgt Ion:131 Resp: 155141
Ion Ratio Lower Upper
131 100
133 96.1 48.5 145.6
119 62.9 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

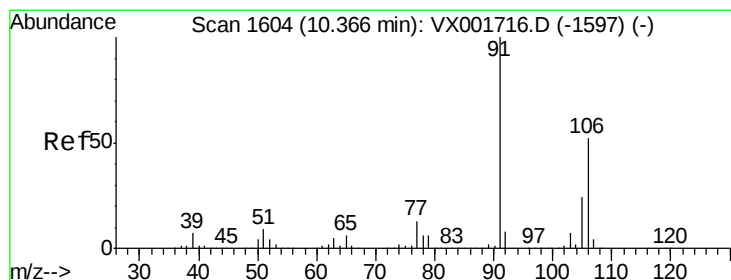
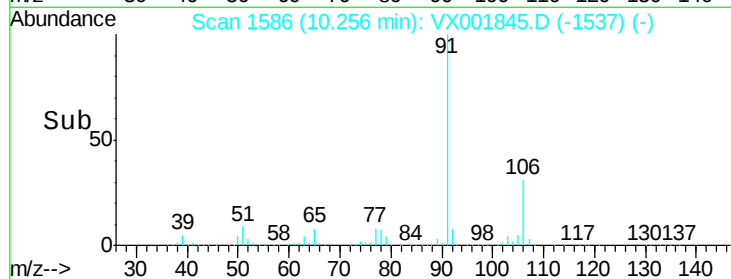
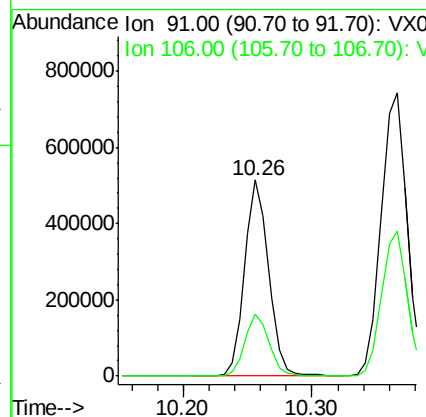
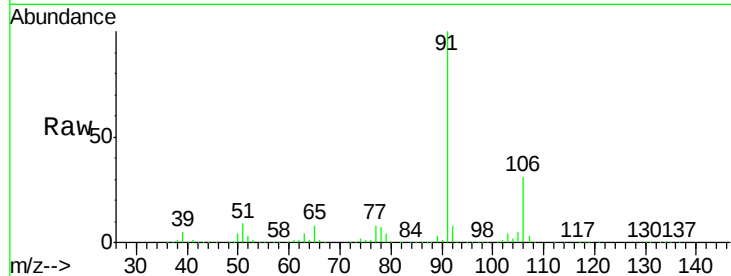




#67
Ethyl Benzene
Concen: 52.92 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

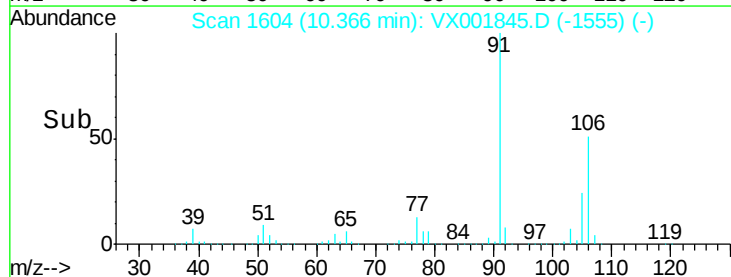
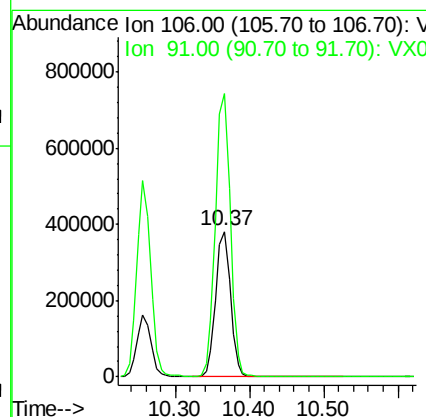
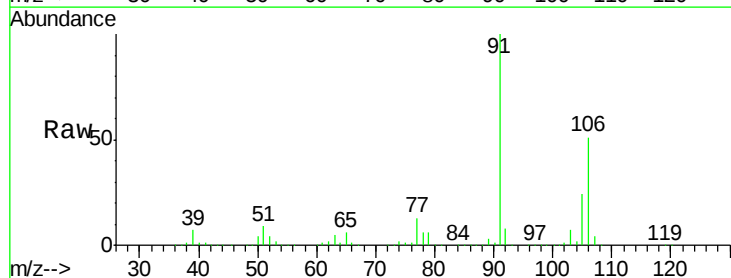
Instrument :
MSVOA_X
ClientSampleId :

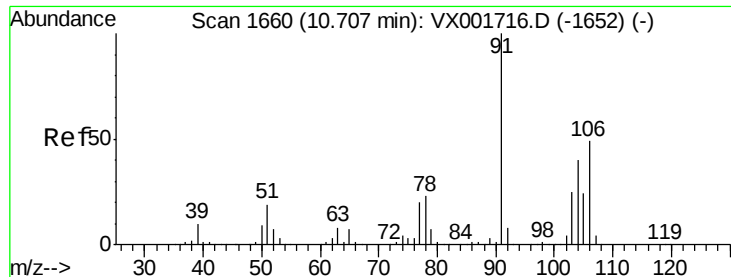
Tot Ion: 91 Resp: 664104
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5



#68
m/p-Xylenes
Concen: 106.07 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Tgt Ion: 106 Resp: 525251
Ion Ratio Lower Upper
106 100
91 196.4 155.4 233.2

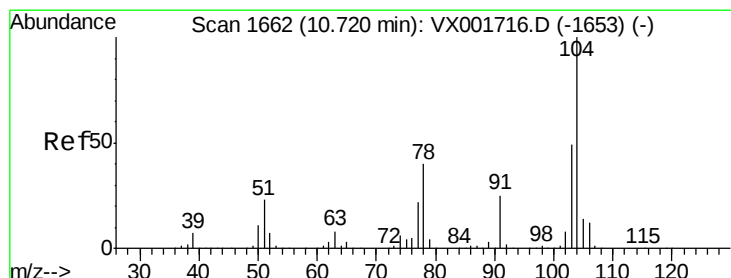
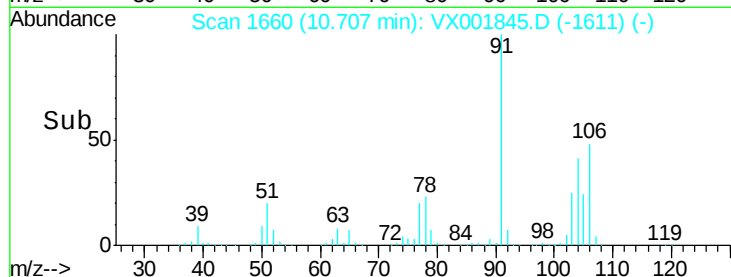
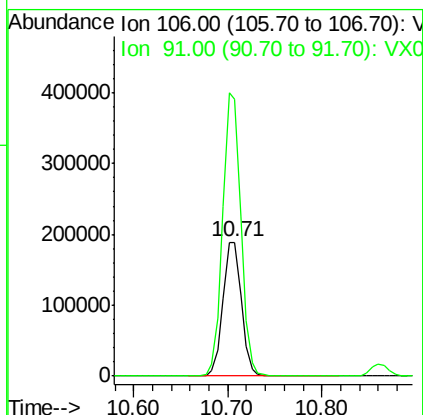
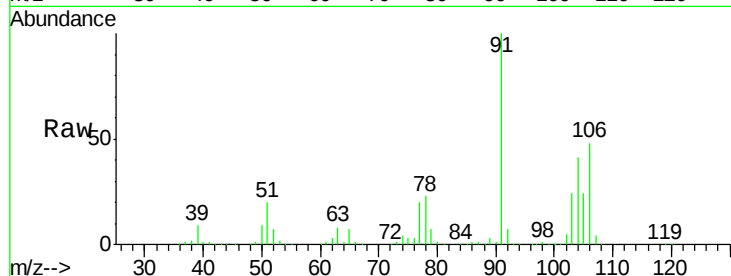




#69
o-Xylene
Concen: 54.45 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

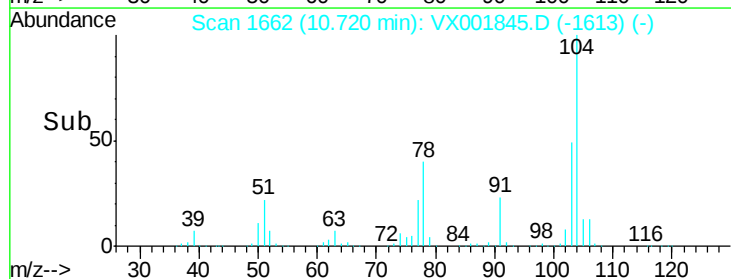
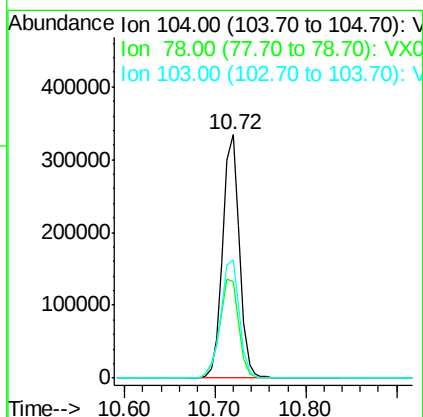
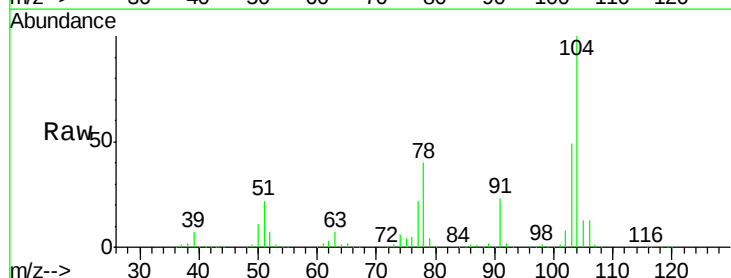
Instrument :
MSVOA_X
ClientSampled :

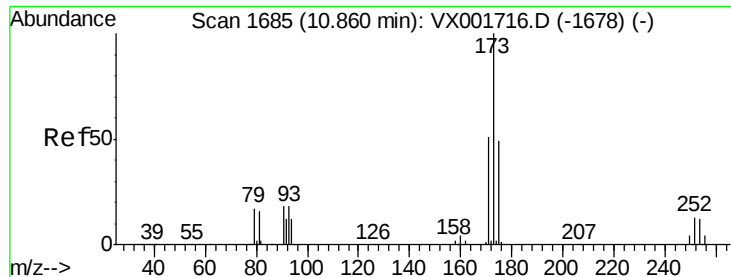
Tot Ion:106 Resp: 258225
Ion Ratio Lower Upper
106 100
91 207.8 103.4 310.2



#70
Styrene
Concen: 55.29 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Tgt Ion:104 Resp: 432449
Ion Ratio Lower Upper
104 100
78 46.3 37.3 55.9
103 54.1 43.7 65.5





#71

Bromoform

Concen: 50.47 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

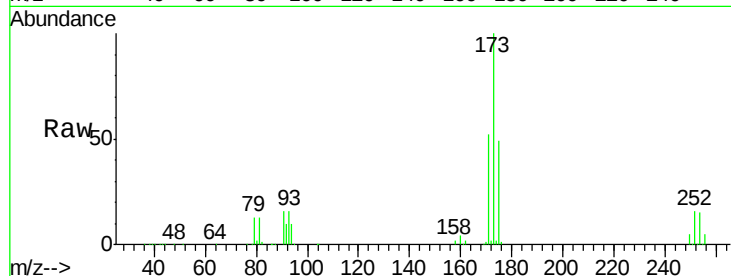
Tot Ion:173 Resp: 130354

Ion Ratio Lower Upper

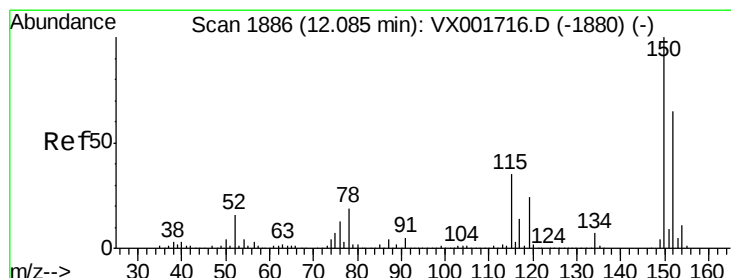
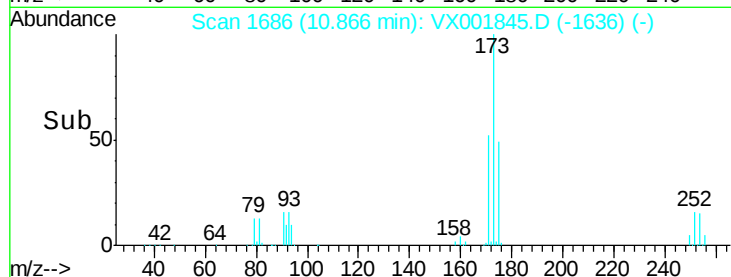
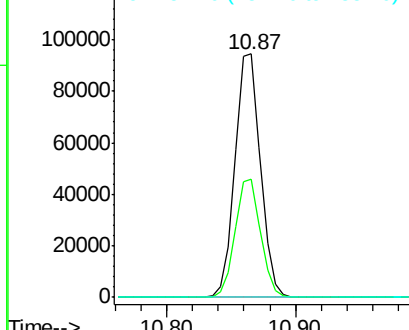
173 100

175 48.7 24.3 72.8

254 0.3 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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

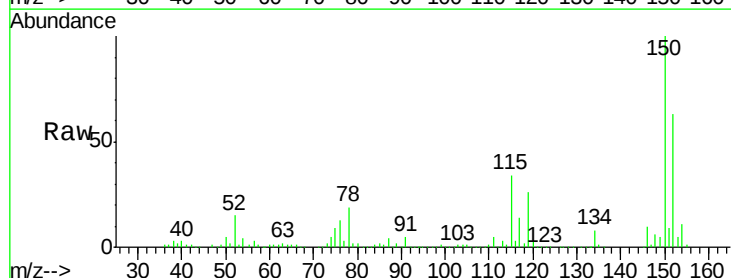
Tgt Ion:152 Resp: 186580

Ion Ratio Lower Upper

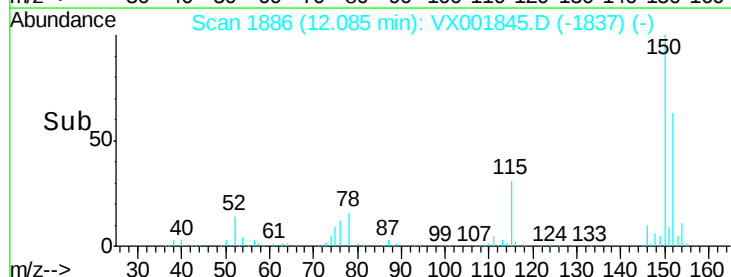
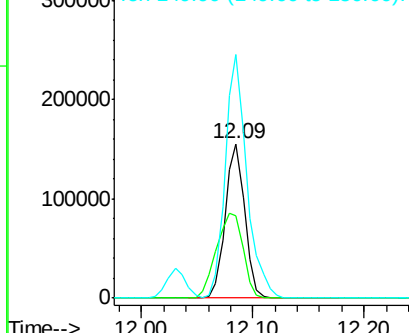
152 100

115 76.2 37.4 112.2

150 175.9 0.0 344.8



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: 56.41 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

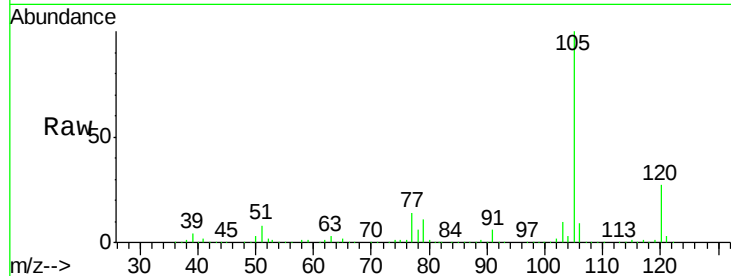
ClientSampleId :

Tot Ion:105 Resp: 693168

Ion Ratio Lower Upper

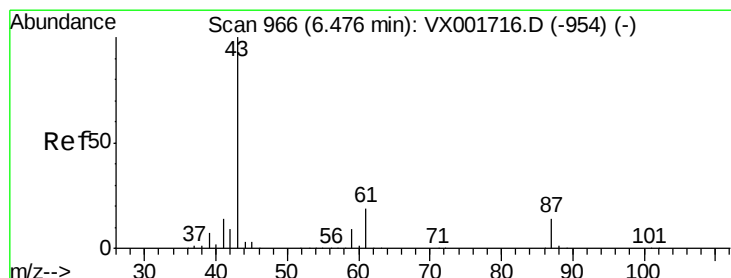
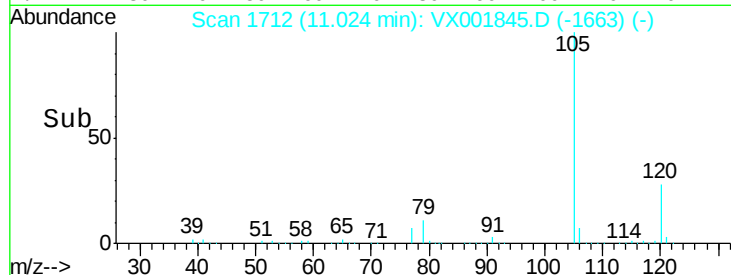
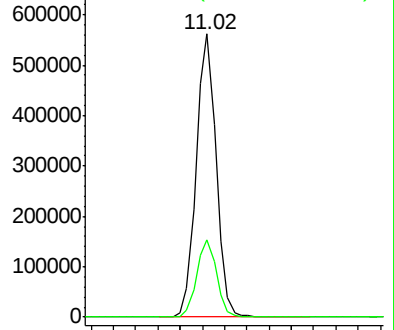
105 100

120 27.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 61.50 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Tgt Ion: 43 Resp: 362292

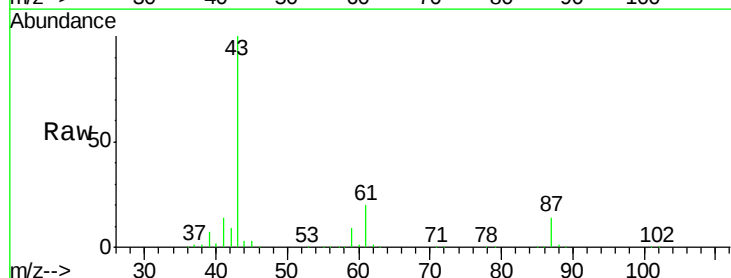
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.7 15.8 23.8

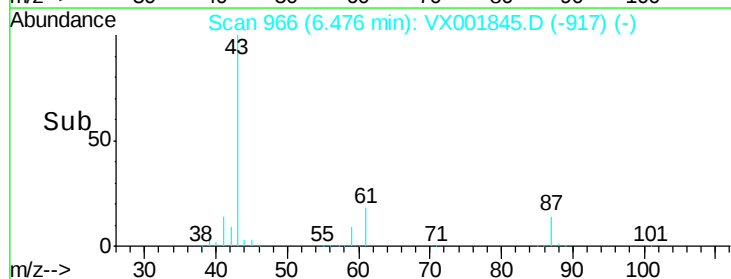
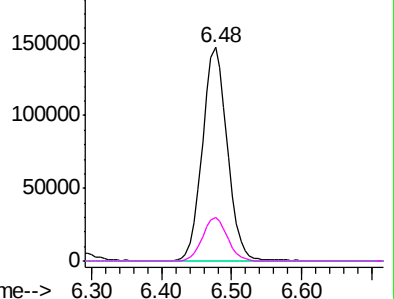


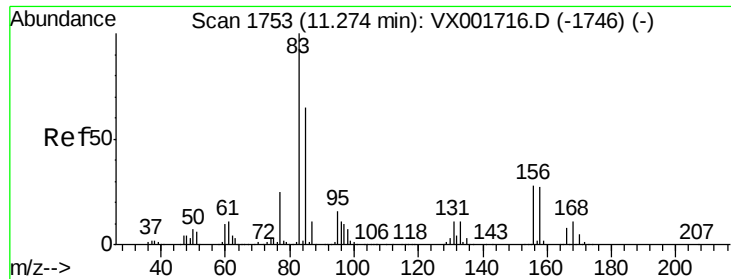
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.58 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

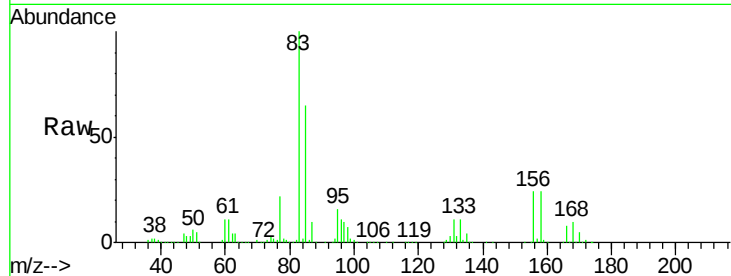
Tot Ion: 83 Resp: 204853

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

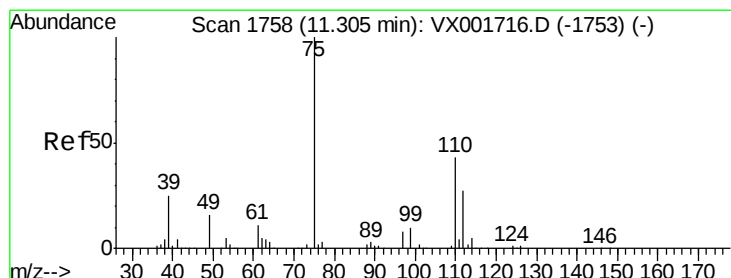
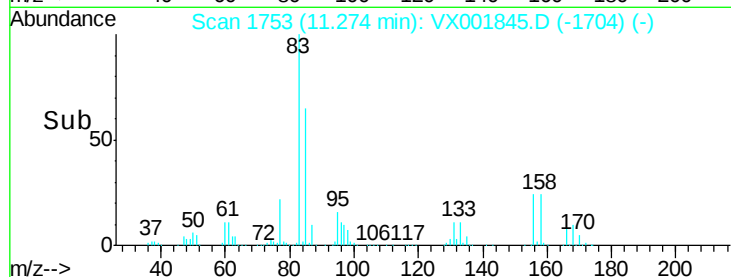
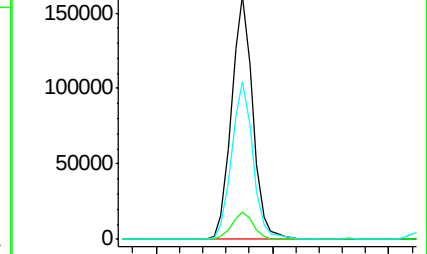
85 64.8 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.57 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001845.D

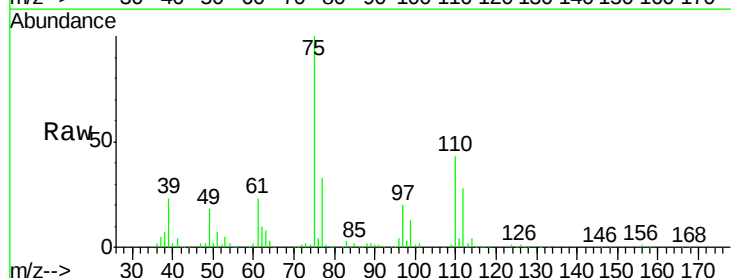
Acq: 19 May 2018 00:14

Tgt Ion: 75 Resp: 236169

Ion Ratio Lower Upper

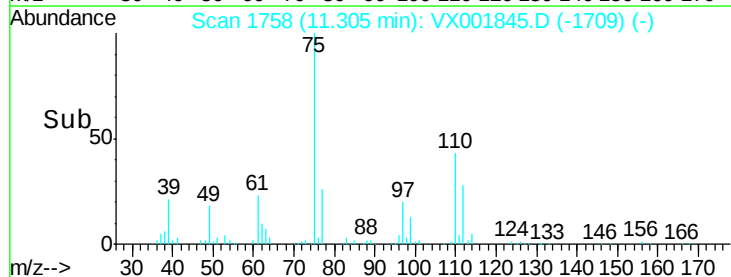
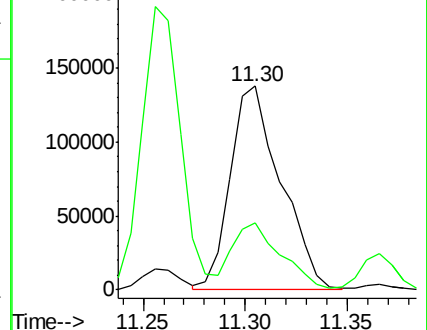
75 100

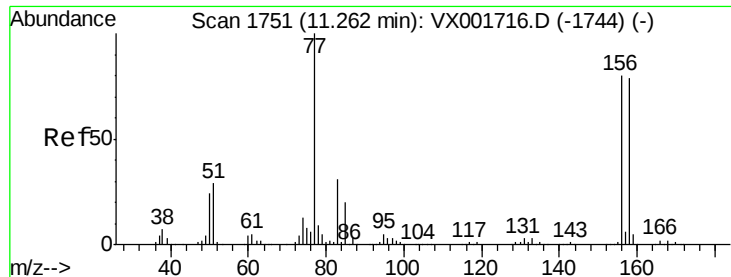
77 31.3 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 55.00 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

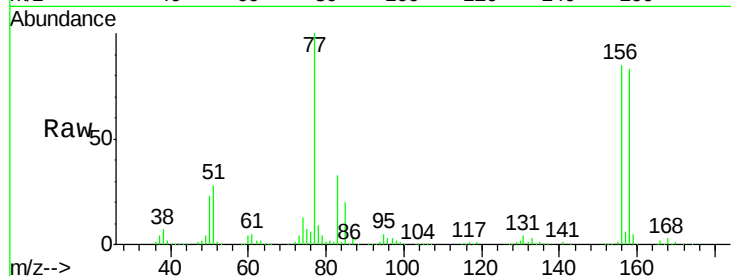
Tot Ion:156 Resp: 198575

Ion Ratio Lower Upper

156 100

77 128.0 65.3 196.0

158 97.8 49.1 147.3

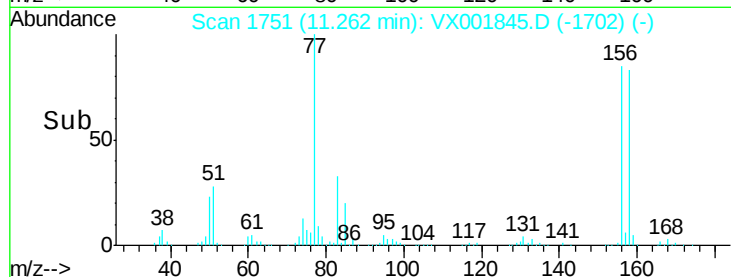


Abundance Ion 155.80 (155.50 to 156.50): V

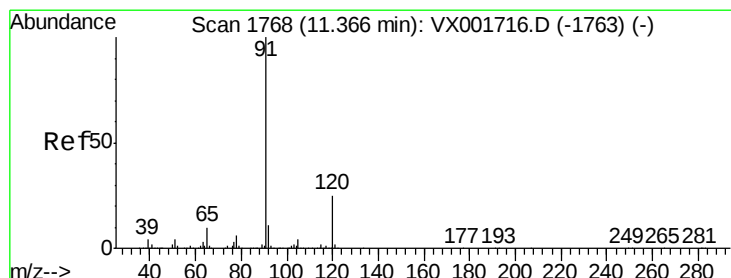
Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

Time-->



Time-->



#78

n-propylbenzene

Concen: 54.83 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001845.D

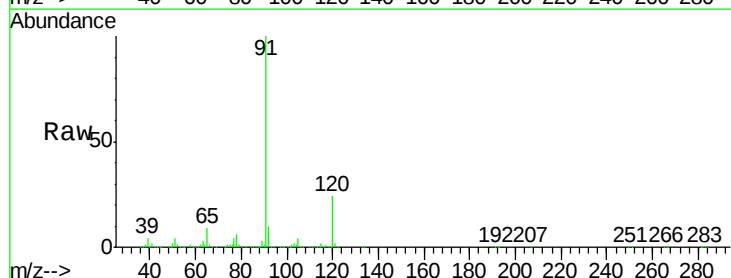
Acq: 19 May 2018 00:14

Tgt Ion: 91 Resp: 759043

Ion Ratio Lower Upper

91 100

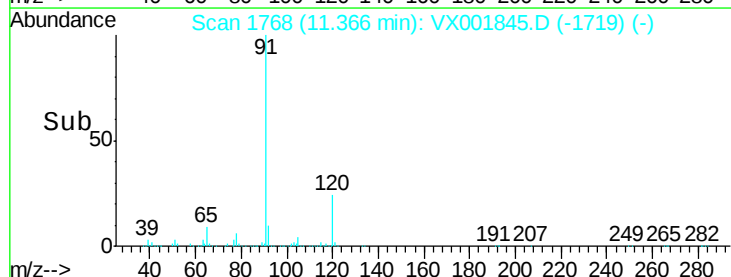
120 24.7 12.5 37.5



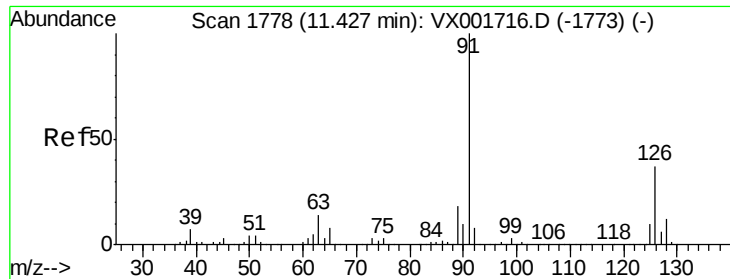
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

Time-->



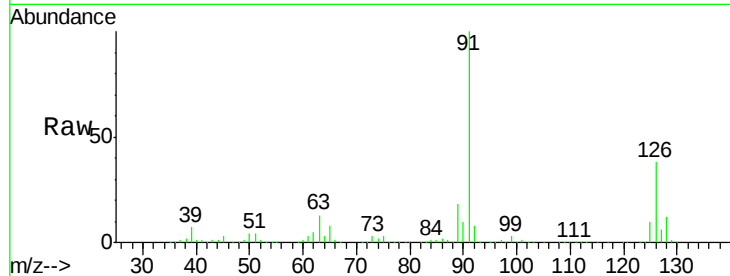
Time-->



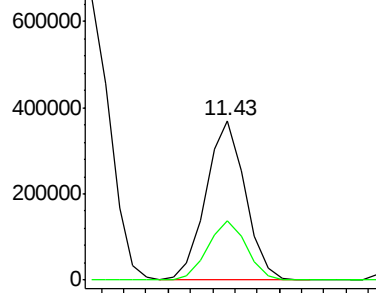
#79
 2-Chlorotoluene
 Concen: 54.65 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

Instrument :
 MSVOA_X
 ClientSampleId :

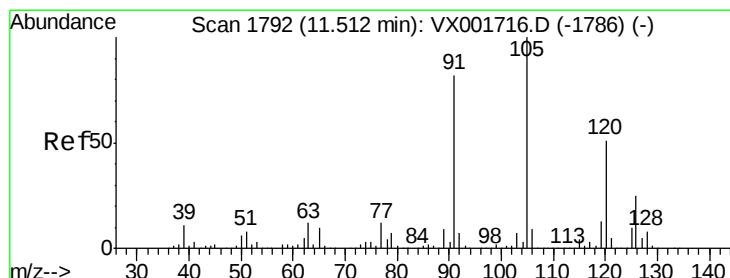
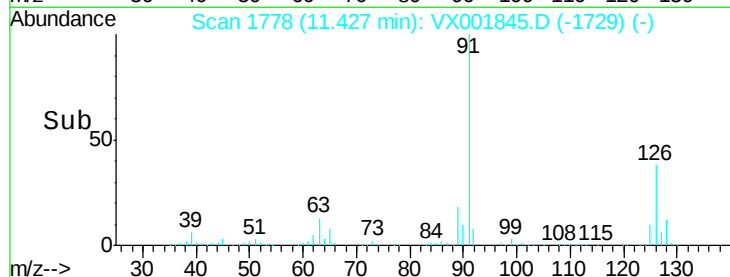
Tot Ion: 91 Resp: 452446
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.4



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

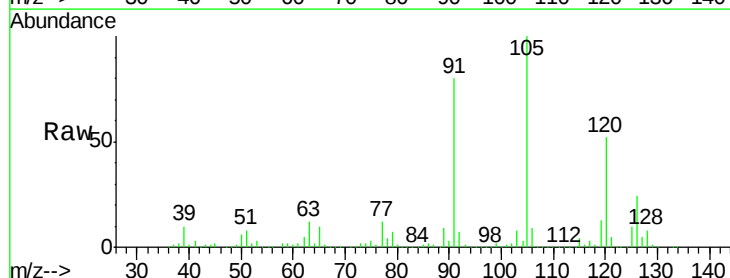


Time-->

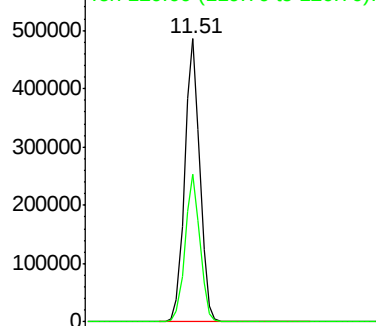


#80
 1,3,5-Trimethylbenzene
 Concen: 56.74 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

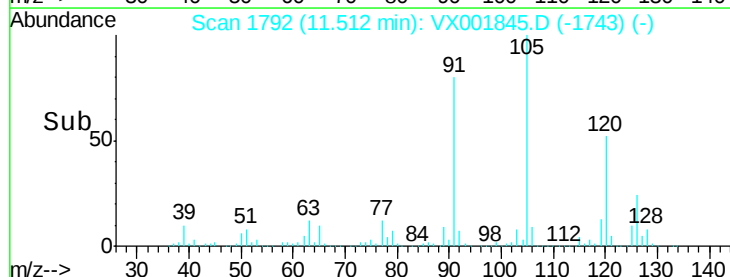
Tgt Ion: 105 Resp: 571995
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.7 77.0

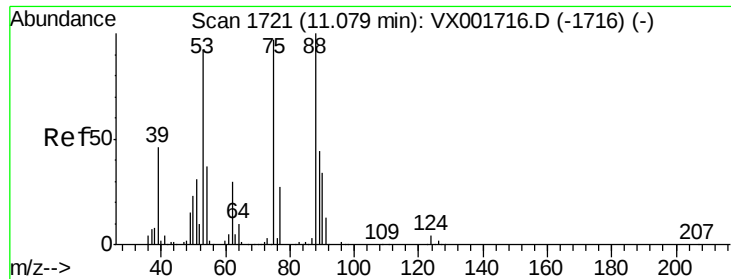


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V



Time-->

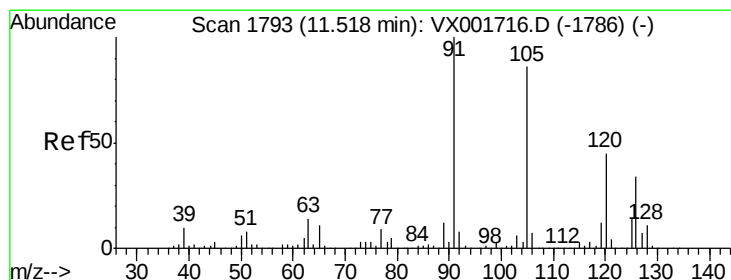
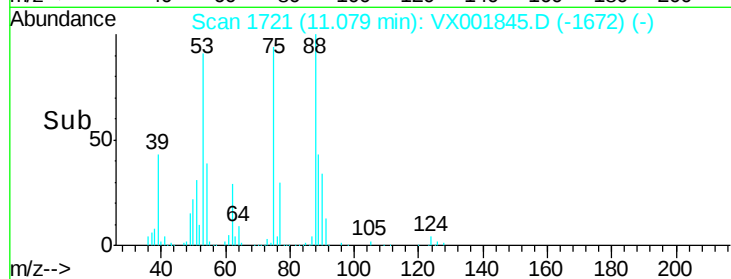
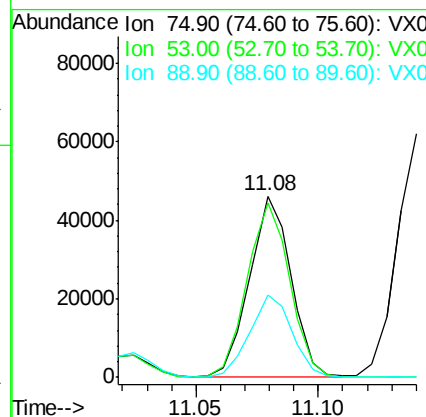
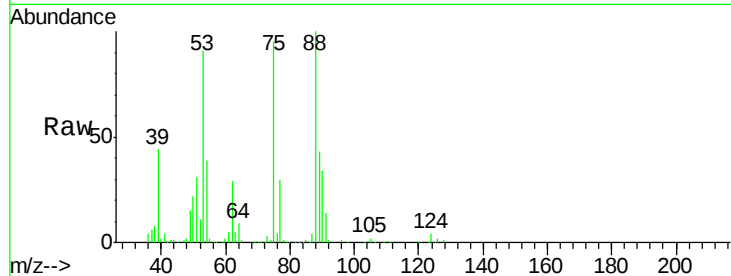




#81
trans-1,4-Dichloro-2-butene
Concen: 45.58 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

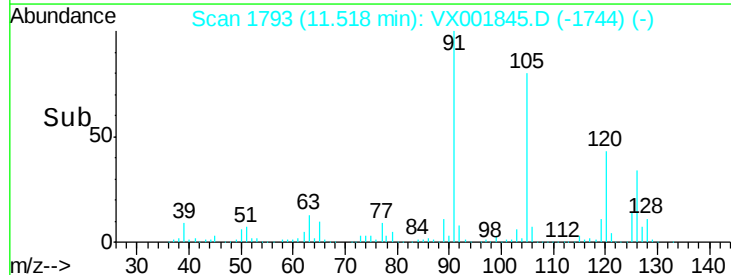
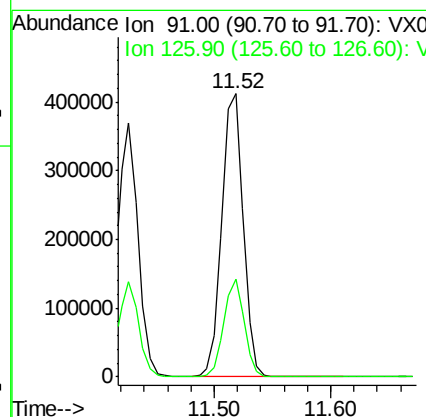
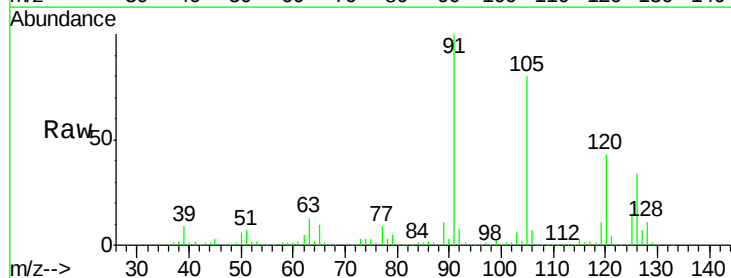
Instrument :
MSVOA_X
ClientSampleId :

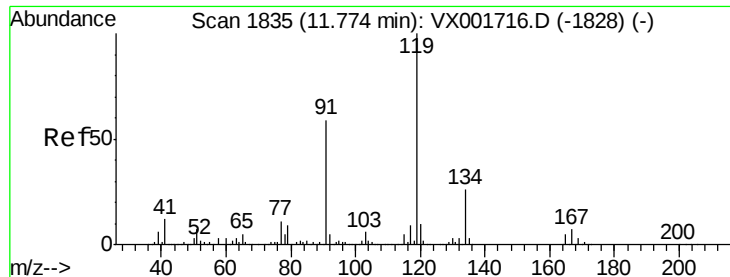
Tot Ion: 75 Resp: 53897
Ion Ratio Lower Upper
75 100
53 100.4 79.4 119.2
89 47.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 53.46 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Tgt Ion: 91 Resp: 521423
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.1

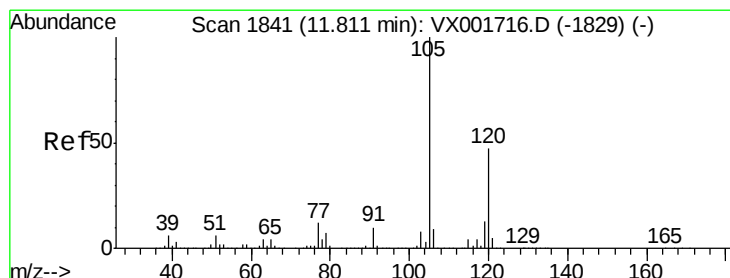
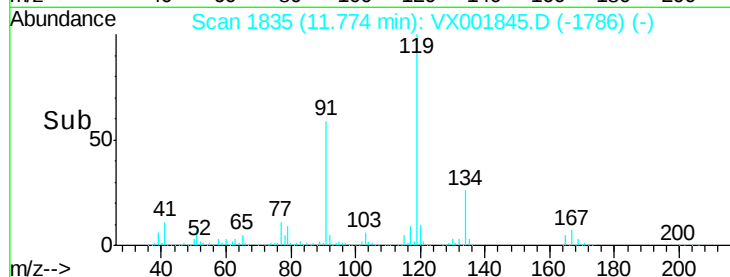
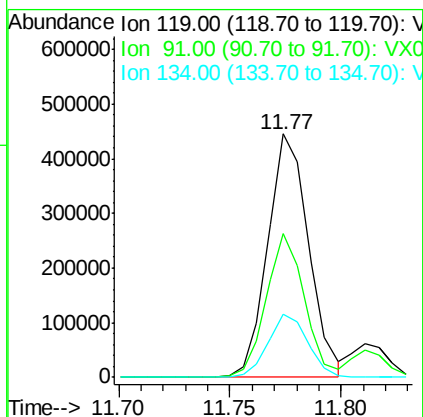
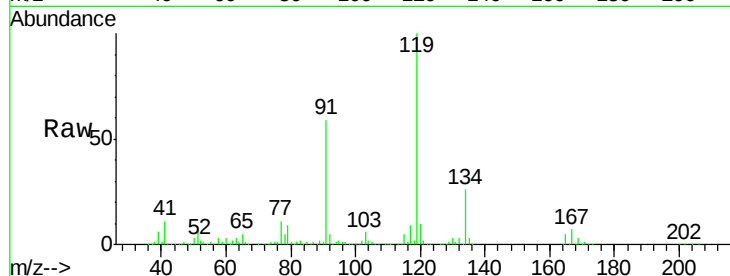




#83
 tert-Butylbenzene
 Concen: 56.64 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

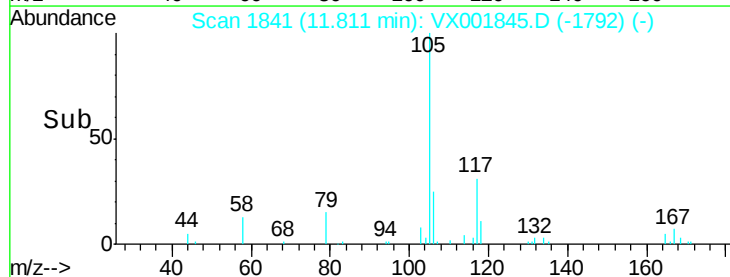
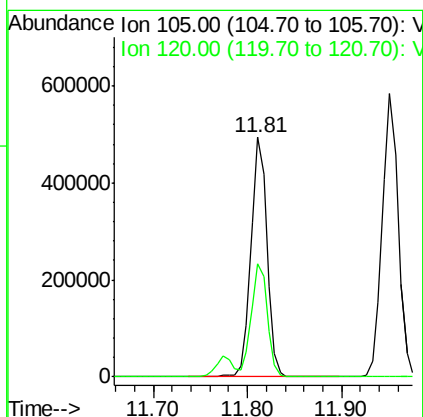
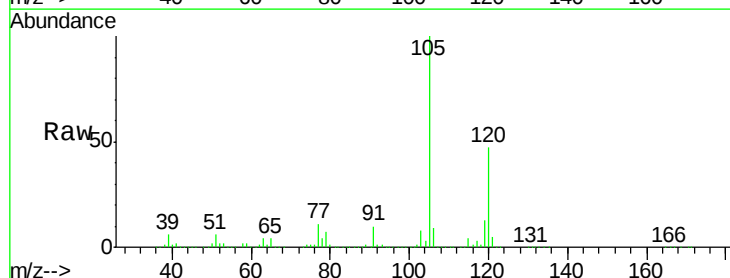
Instrument :
 MSVOA_X
 ClientSampled :

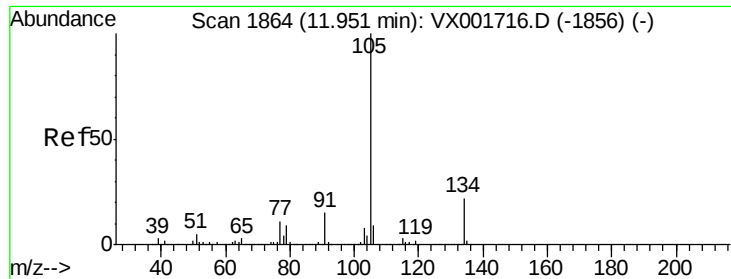
Tot Ion:119 Resp: 568178
 Ion Ratio Lower Upper
 119 100
 91 55.4 27.7 83.0
 134 25.3 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 56.77 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

Tgt Ion:105 Resp: 592582
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.5 70.5





#85

sec-Butylbenzene

Concen: 55.83 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

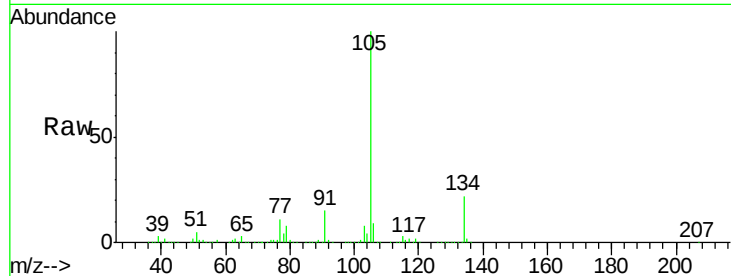
ClientSampleId :

Tot Ion:105 Resp: 691342

Ion Ratio Lower Upper

105 100

134 21.7 10.9 32.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

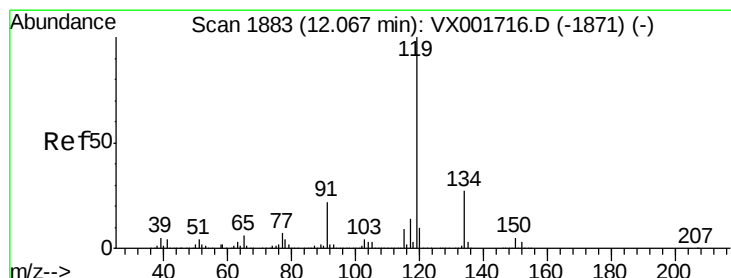
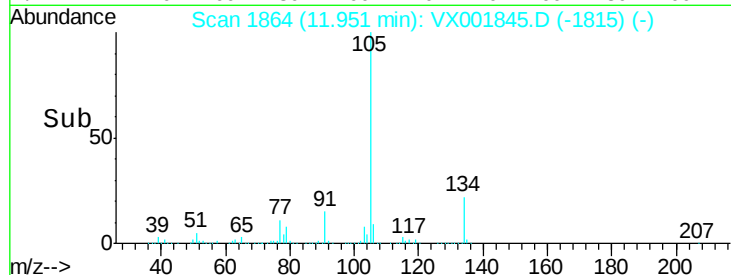
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 55.14 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

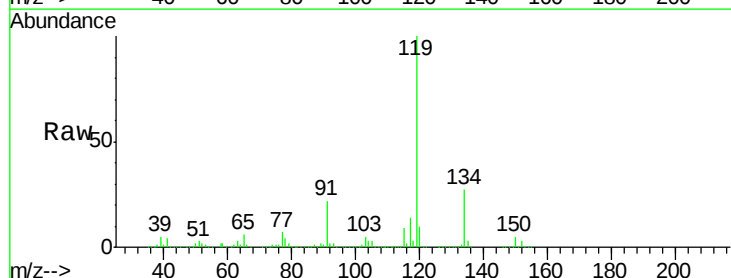
Tgt Ion:119 Resp: 631769

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

91 21.3 10.7 32.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

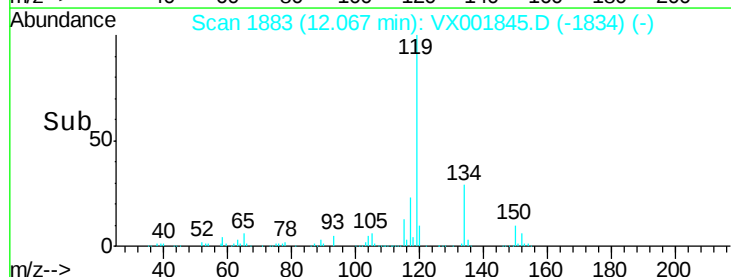
600000

400000

200000

0

Time-->

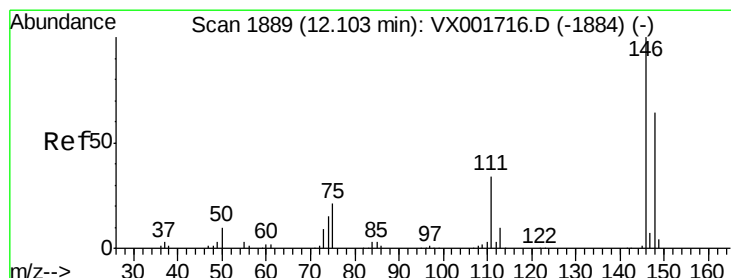
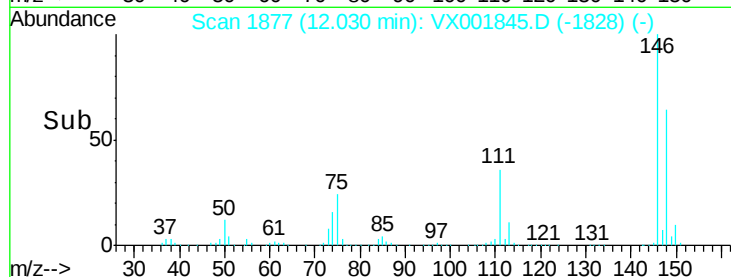
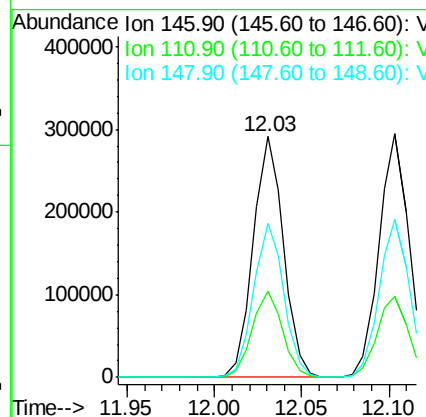
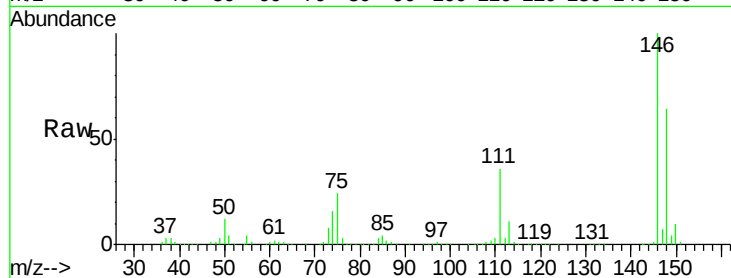




#87
 1,3-Dichlorobenzene
 Concen: 52.51 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

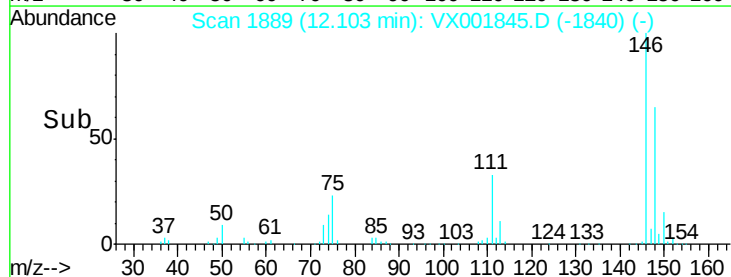
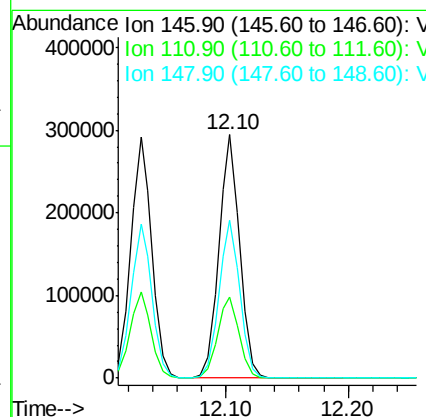
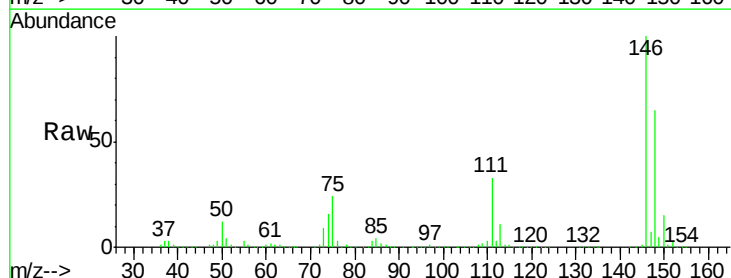
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.6	17.8	53.4
148	63.7	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 50.60 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.8	17.3	52.0
148	65.3	32.3	96.9

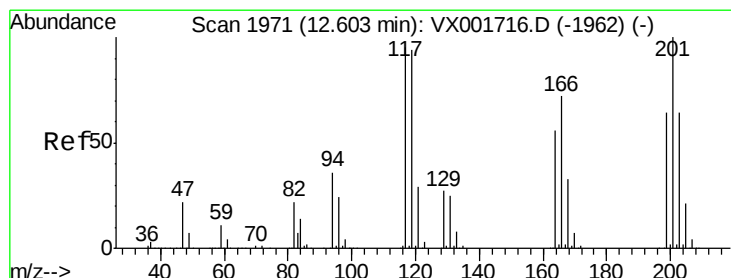
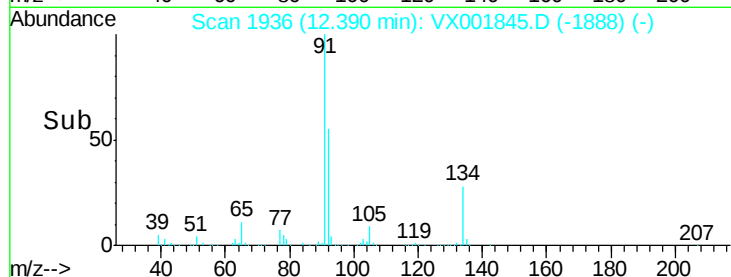
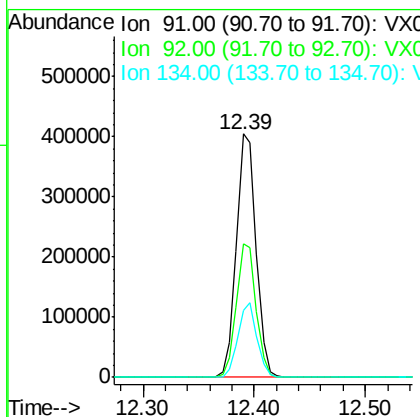
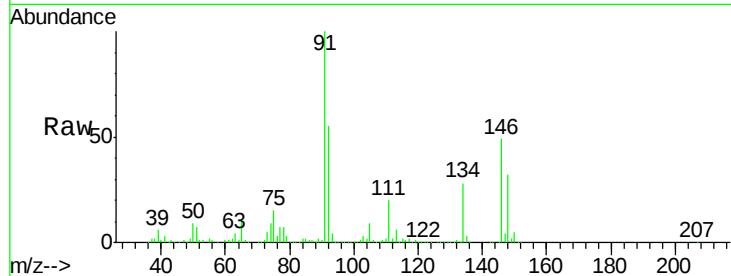




#89
n-Butylbenzene
Concen: 49.88 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

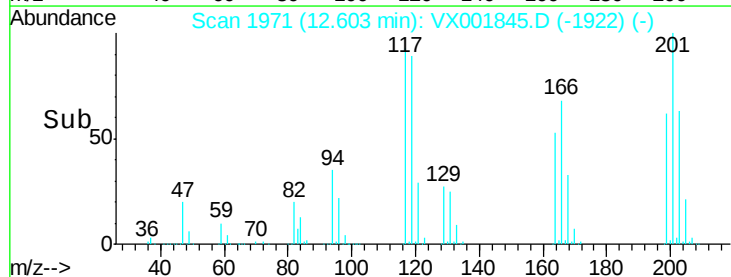
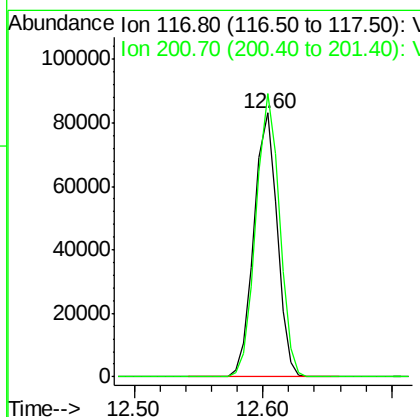
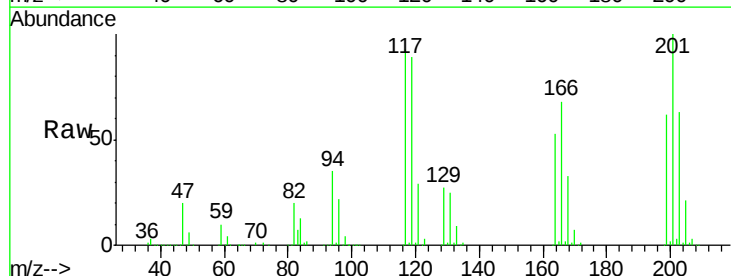
Instrument :
MSVOA_X
ClientSampled :

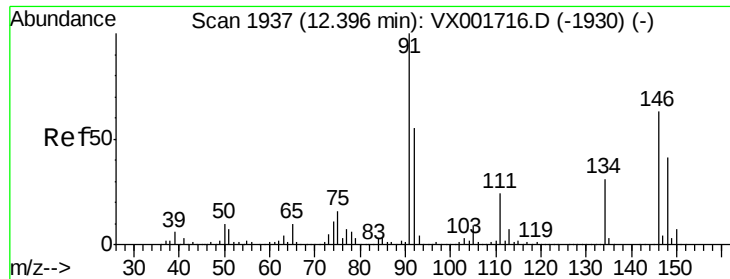
Tot Ion: 91 Resp: 494352
Ion Ratio Lower Upper
91 100
92 54.6 27.3 81.9
134 29.6 14.7 44.1



#90
Hexachloroethane
Concen: 57.81 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001845.D
Acq: 19 May 2018 00:14

Tgt Ion: 117 Resp: 102879
Ion Ratio Lower Upper
117 100
201 108.6 51.9 155.7





#91

1,2-Dichlorobenzene

Concen: 54.20 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

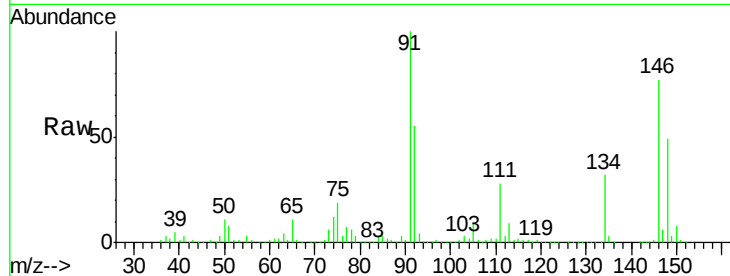
Tot Ion:146 Resp: 360610

Ion Ratio Lower Upper

146 100

111 36.5 18.6 56.0

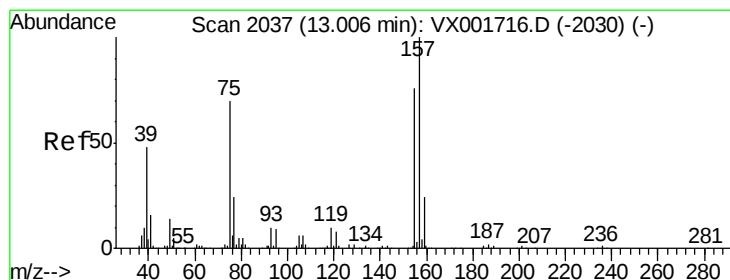
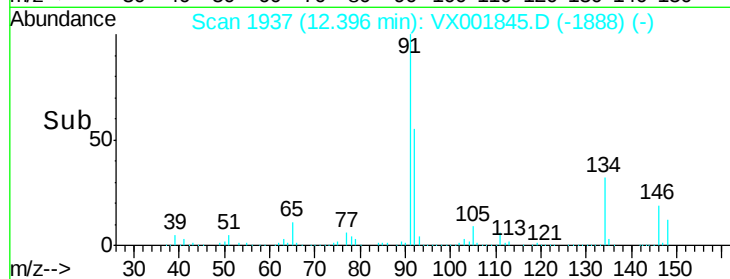
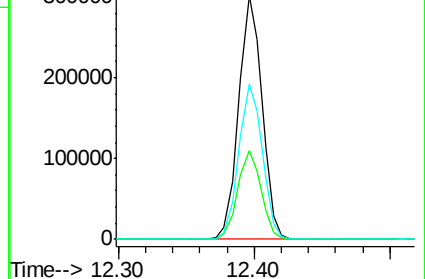
148 64.3 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 60.12 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

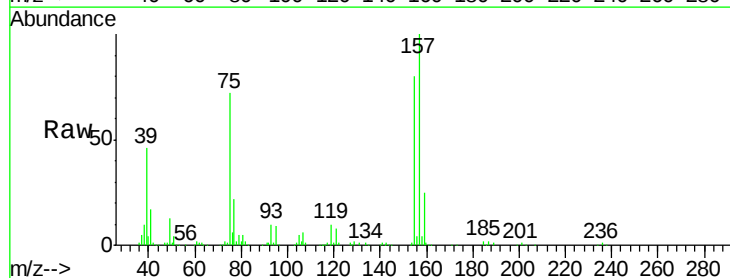
Tgt Ion: 75 Resp: 47295

Ion Ratio Lower Upper

75 100

155 110.4 53.9 161.8

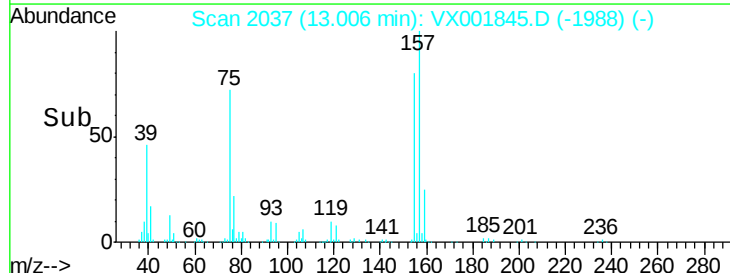
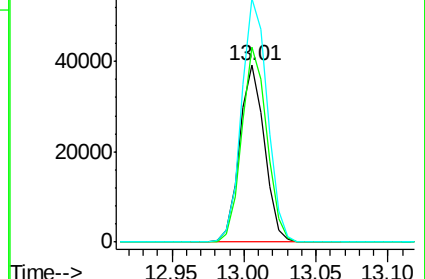
157 142.0 71.0 213.2

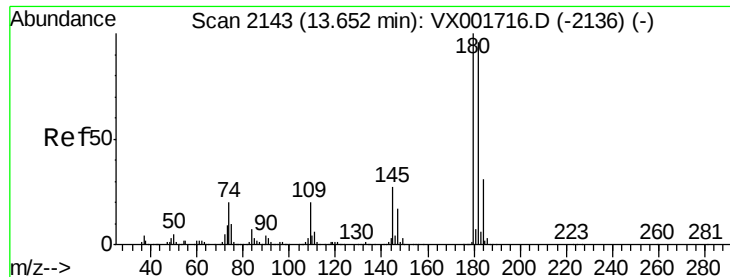


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

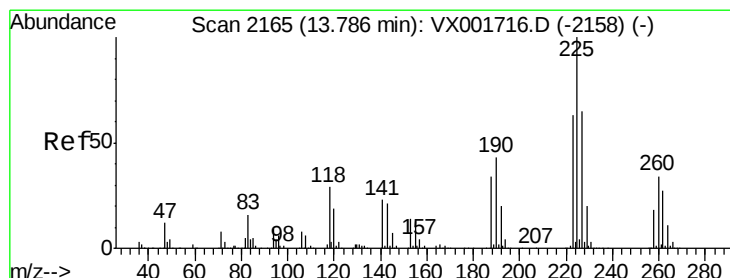
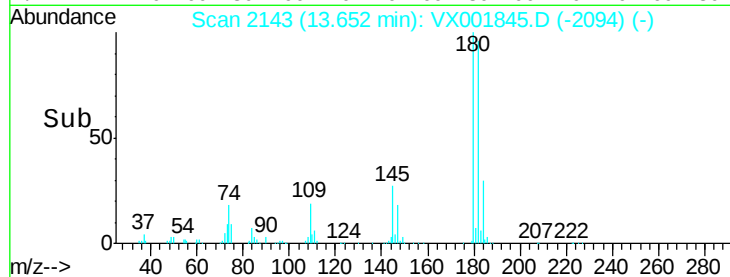
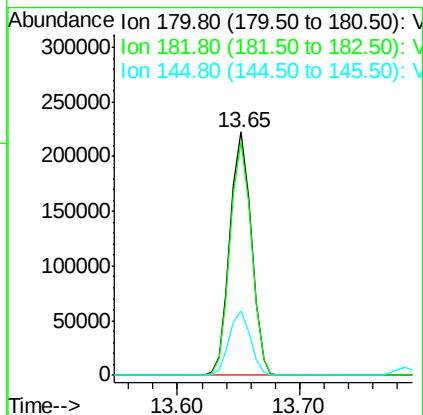
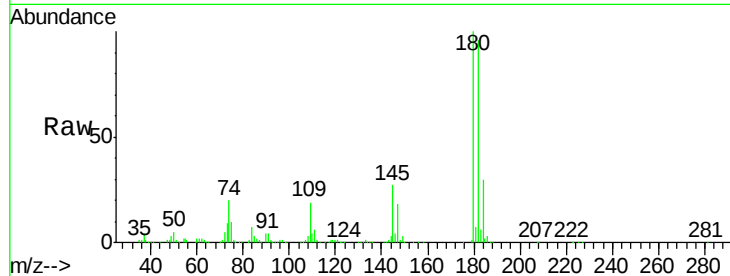




#93
 1,2,4-Trichlorobenzene
 Concen: 50.62 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

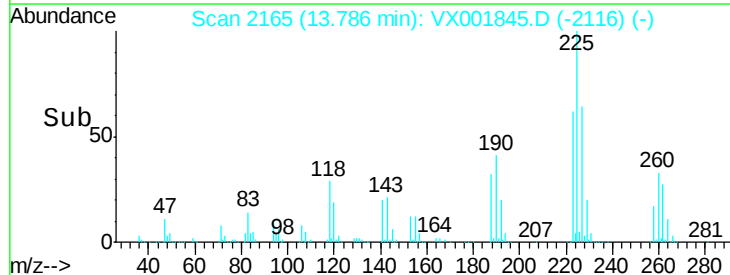
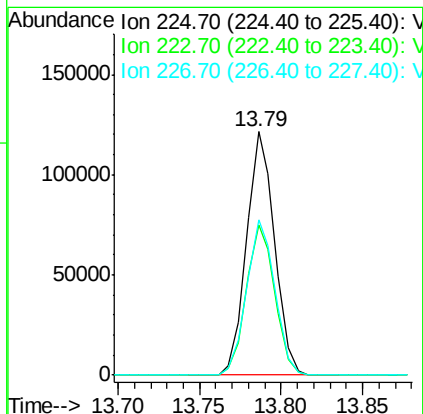
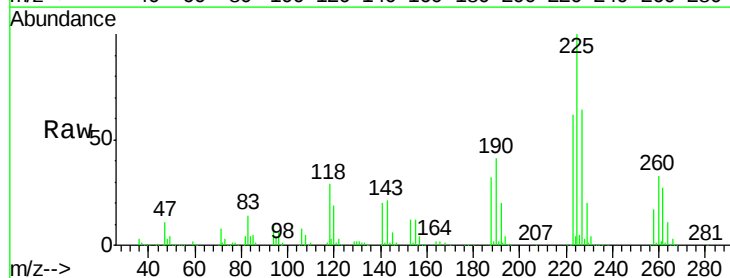
Instrument :
 MSVOA_X
 ClientSampled :

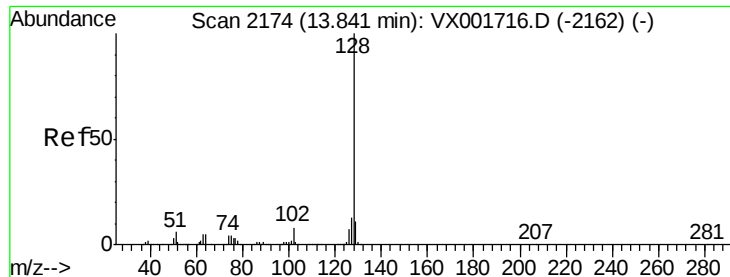
Tot Ion:180 Resp: 268470
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.6 142.9
 145 26.3 13.4 40.1



#94
 Hexachlorobutadiene
 Concen: 51.16 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001845.D
 Acq: 19 May 2018 00:14

Tgt Ion:225 Resp: 145664
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.5
 227 64.4 31.9 95.5





#95

Naphthalene

Concen: 56.10 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

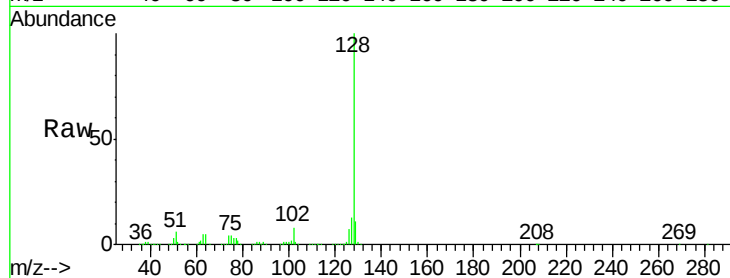
Tot Ion:128 Resp: 773342

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

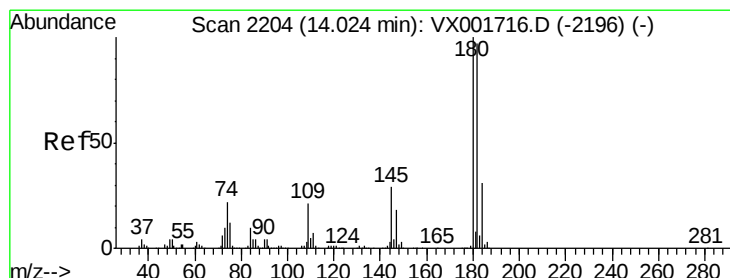
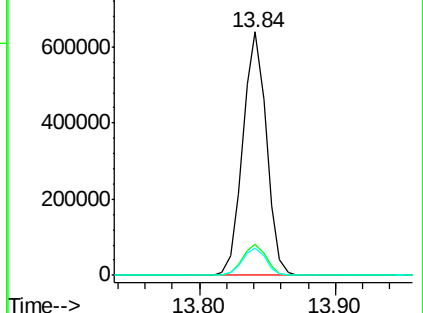
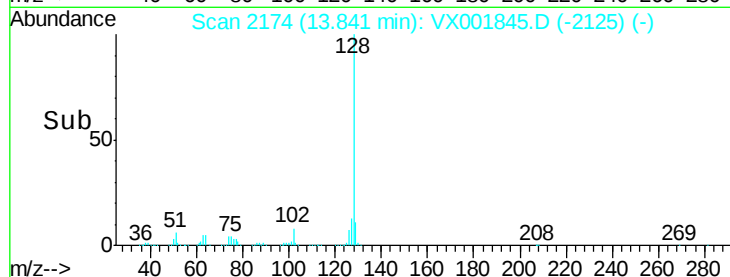
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.64 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001845.D

Acq: 19 May 2018 00:14

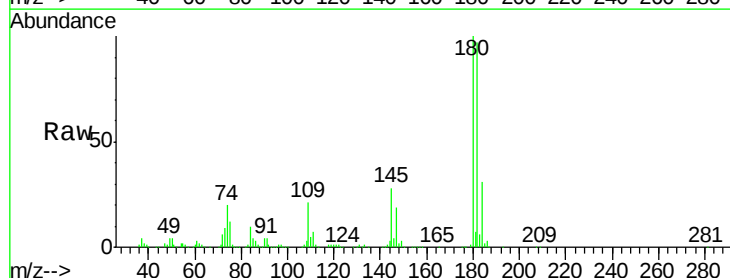
Tgt Ion:180 Resp: 281085

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.7

145 27.8 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

