

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
 Data File : VX006960.D
 Acq On : 09 Jan 2019 12:18
 Operator : JC/MD
 Sample : VX0109WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 10 00:54:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	599550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	896691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	792734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	399066	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	295533	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	5.50	113	264972	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
50) Toluene-d8	8.71	98	992356	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
62) 4-Bromofluorobenzene	11.13	95	346518	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	104203	21.164	ug/l	100
3) Chloromethane	1.33	50	109476	19.100	ug/l	99
4) Vinyl Chloride	1.41	62	121878	19.768	ug/l	99
5) Bromomethane	1.64	94	122470	18.592	ug/l	97
6) Chloroethane	1.72	64	78339	18.197	ug/l	97
7) Trichlorofluoromethane	1.93	101	191707	19.244	ug/l	97
8) Diethyl Ether	2.19	74	74684	18.844	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	115275	19.328	ug/l	97
10) Methyl Iodide	2.51	142	165346	20.552	ug/l	99
11) Tert butyl alcohol	3.07	59	150298	101.686	ug/l	99
12) 1,1-Dichloroethene	2.37	96	106112	19.257	ug/l	95
13) Acrolein	2.29	56	56302	90.316	ug/l	100
14) Allyl chloride	2.73	41	180296	19.092	ug/l	98
15) Acrylonitrile	3.15	53	331701	97.758	ug/l	100
16) Acetone	2.45	43	298398	96.332	ug/l	97
17) Carbon Disulfide	2.57	76	259593	18.298	ug/l	100
18) Methyl Acetate	2.78	43	169279	18.871	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	367103	19.194	ug/l	99
20) Methylene Chloride	2.86	84	117333	19.571	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	112664	18.347	ug/l	99
22) Diisopropyl ether	3.87	45	340396	19.173	ug/l	94
23) Vinyl Acetate	3.82	43	1439144	96.121	ug/l	100
24) 1,1-Dichloroethane	3.70	63	188468	18.985	ug/l	99
25) 2-Butanone	4.70	43	441678	99.651	ug/l	97
26) 2,2-Dichloropropane	4.59	77	144324	18.906	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	127395	18.808	ug/l	99
28) Bromochloromethane	5.02	49	82601	18.991	ug/l	97
29) Tetrahydrofuran	5.15	42	284138	98.645	ug/l	97
30) Chloroform	5.21	83	195808	18.839	ug/l	97
31) Cyclohexane	5.57	56	164559	18.624	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	167255	18.985	ug/l	99
36) 1,1-Dichloropropene	5.80	75	145164	18.620	ug/l	99
37) Ethyl Acetate	4.85	43	163553	19.568	ug/l	98
38) Carbon Tetrachloride	5.78	117	142901	18.219	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010919\
 Data File : VX006960.D
 Acq On : 09 Jan 2019 12:18
 Operator : JC/MD
 Sample : VX0109WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 10 00:54:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181640	18.276	ug/l	97
40) Benzene	6.14	78	448789	18.866	ug/l	99
41) Methacrylonitrile	5.06	41	87676	18.209	ug/l	99
42) 1,2-Dichloroethane	6.20	62	152878	18.598	ug/l	99
43) Isopropyl Acetate	6.46	43	253526	19.230	ug/l	100
44) Trichloroethene	7.21	130	131184	18.403	ug/l	92
45) 1,2-Dichloropropane	7.51	63	111295	18.610	ug/l	98
46) Dibromomethane	7.66	93	80477	19.147	ug/l	98
47) Bromodichloromethane	7.90	83	131742	18.415	ug/l	98
48) Methyl methacrylate	7.77	41	127426	18.821	ug/l	97
49) 1,4-Dioxane	7.75	88	61235	390.827	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	820380	96.828	ug/l	99
52) Toluene	8.78	92	282159	18.455	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	147792	18.630	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	164091	18.730	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	119585	19.541	ug/l	97
56) Ethyl methacrylate	9.18	69	169424	18.964	ug/l	95
57) 1,3-Dichloropropane	9.37	76	190404	18.991	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	445490	96.983	ug/l	99
59) 2-Hexanone	9.49	43	626338	97.008	ug/l	100
60) Dibromochloromethane	9.58	129	112646	18.956	ug/l	98
61) 1,2-Dibromoethane	9.67	107	128100	19.014	ug/l	100
64) Tetrachloroethene	9.34	164	130314	18.987	ug/l	96
65) Chlorobenzene	10.14	112	327177	18.923	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	115569	19.870	ug/l	99
67) Ethyl Benzene	10.25	91	534158	18.714	ug/l	99
68) m/p-Xylenes	10.36	106	418208	37.188	ug/l	97
69) o-Xylene	10.69	106	205861	18.770	ug/l	97
70) Styrene	10.71	104	326469	18.795	ug/l	98
71) Bromoform	10.86	173	82100	19.013	ug/l #	100
73) Isopropylbenzene	11.02	105	546424	19.418	ug/l	99
74) N-amyl acetate	10.90	43	215875	19.054	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	172390	19.297	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	192623	23.819	ug/l	90
77) Bromobenzene	11.26	156	150520	19.413	ug/l	98
78) n-propylbenzene	11.36	91	599284	19.400	ug/l	100
79) 2-Chlorotoluene	11.42	91	354801	19.080	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	449360	19.111	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42700	18.512	ug/l	95
82) 4-Chlorotoluene	11.51	91	411161	19.097	ug/l	100
83) tert-Butylbenzene	11.77	119	450420	19.200	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	460850	19.491	ug/l	100
85) sec-Butylbenzene	11.94	105	535784	19.124	ug/l	99
86) p-Isopropyltoluene	12.07	119	478387	19.089	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	262222	18.711	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	259122	19.603	ug/l	99
89) n-Butylbenzene	12.39	91	398353	18.647	ug/l	100
90) Hexachloroethane	12.60	117	67545	18.809	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	258464	18.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34957	19.785	ug/l	97

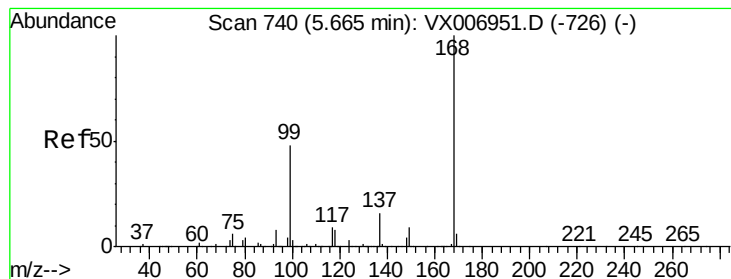
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
Data File : VX006960.D
Acq On : 09 Jan 2019 12:18
Operator : JC/MD
Sample : VX0109WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 10 00:54:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	172397	18.169	ug/l	99
94) Hexachlorobutadiene	13.78	225	77954	18.513	ug/l	97
95) Naphthalene	13.83	128	546043	18.991	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	171882	18.235	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

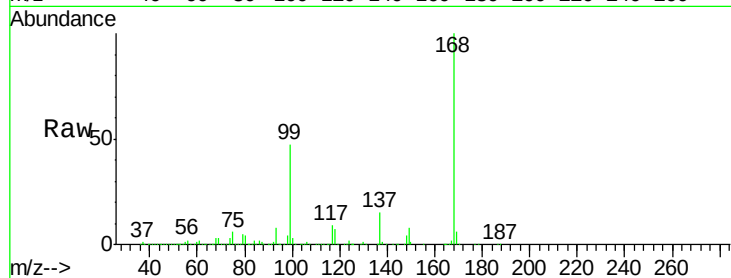
ClientSampleId :

Tot Ion:168 Resp: 599550

Ion Ratio Lower Upper

168 100

99 47.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

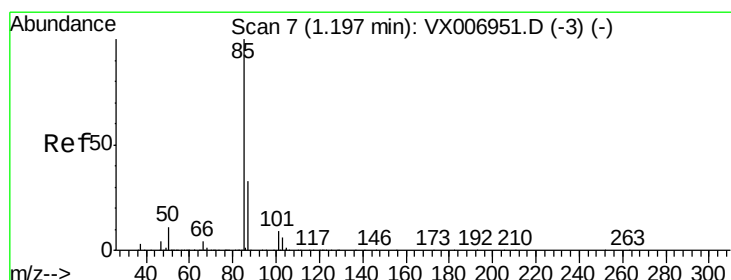
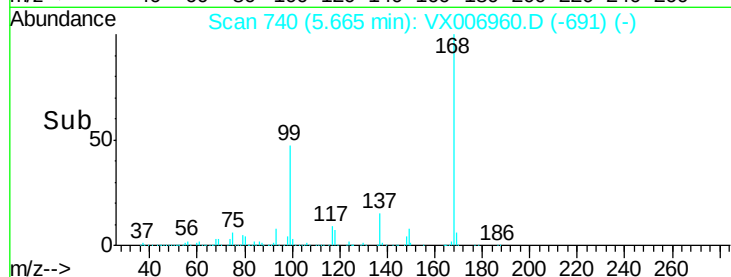
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.164 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006960.D

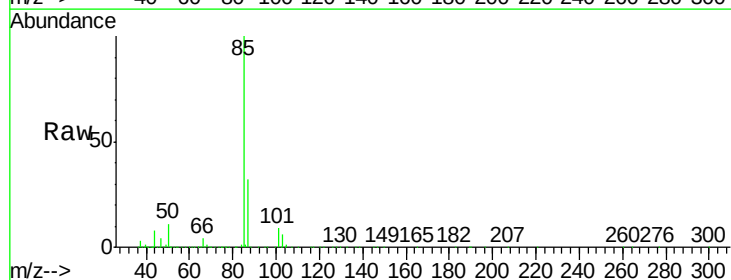
Acq: 09 Jan 2019 12:18

Tgt Ion: 85 Resp: 104203

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

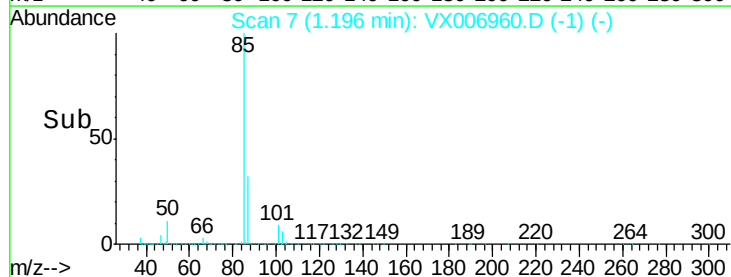
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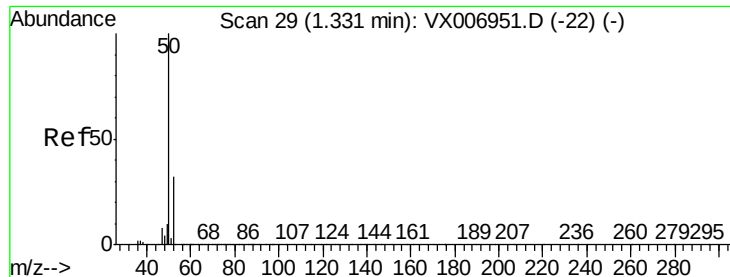
40000

20000

0

Time-->





#3

Chloromethane

Concen: 19.100 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

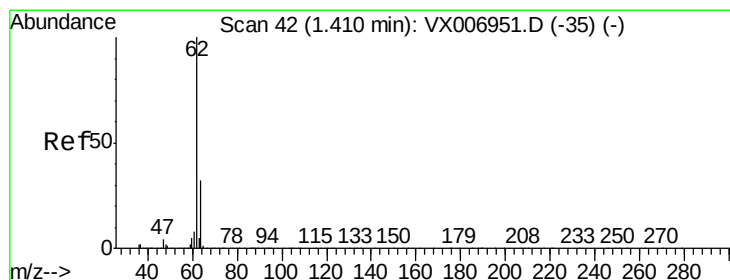
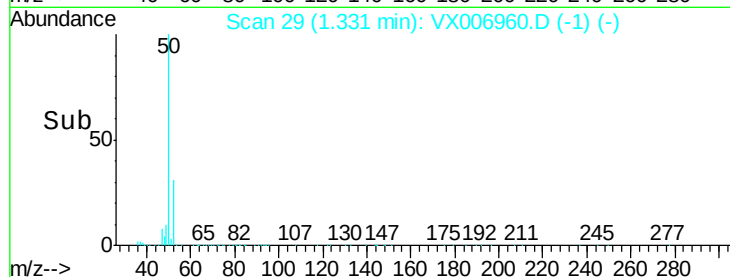
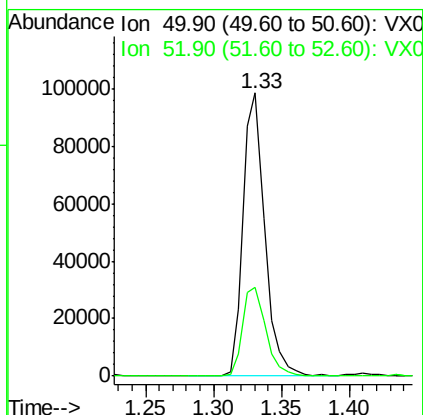
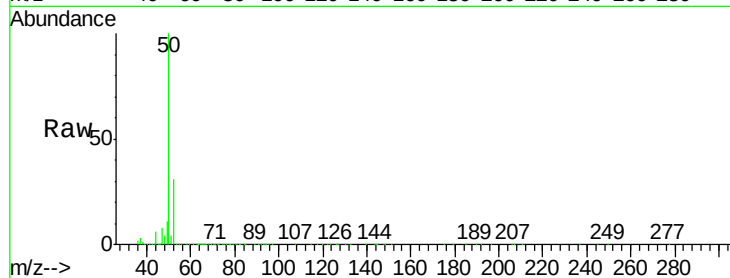
ClientSampled :

Tot Ion: 50 Resp: 109476

Ion Ratio Lower Upper

50 100

52 31.3 25.4 38.2



#4

Vinyl Chloride

Concen: 19.768 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006960.D

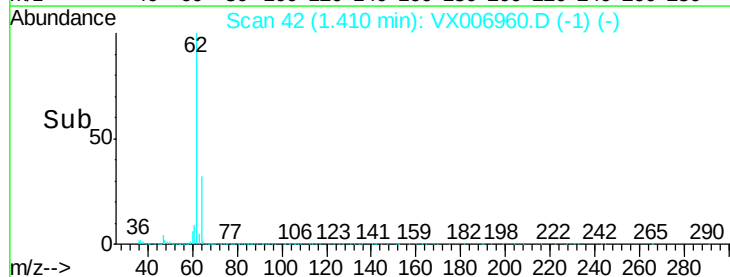
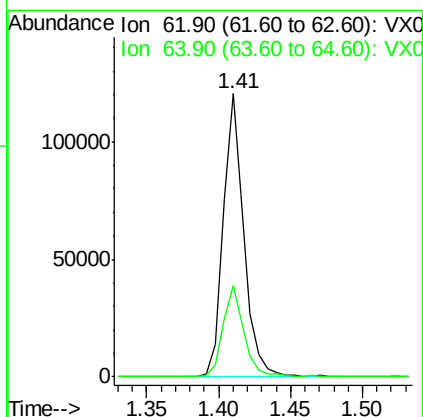
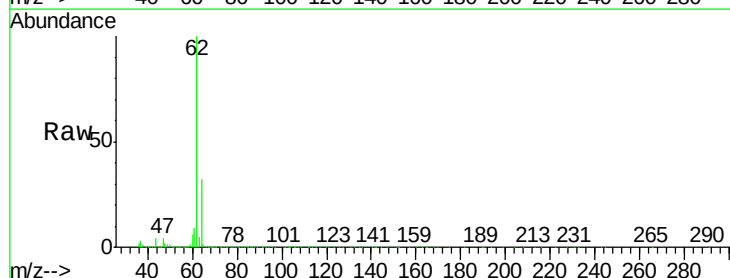
Acq: 09 Jan 2019 12:18

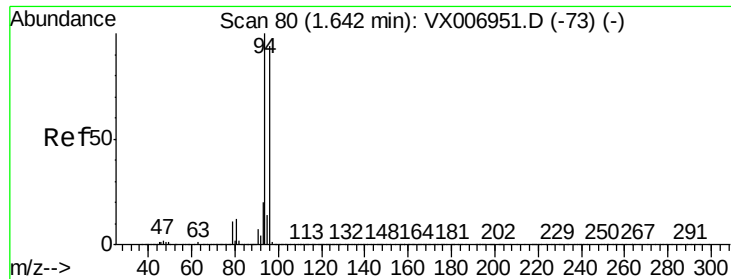
Tgt Ion: 62 Resp: 121878

Ion Ratio Lower Upper

62 100

64 32.0 25.1 37.7





#5

Bromomethane

Concen: 18.592 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

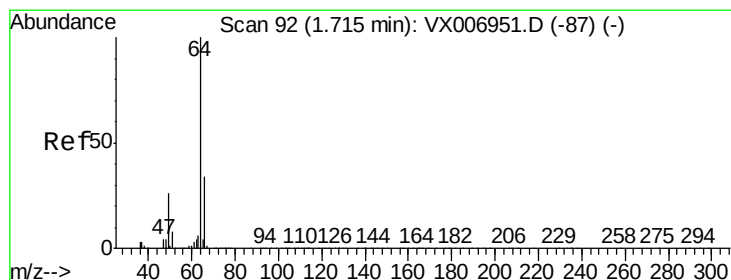
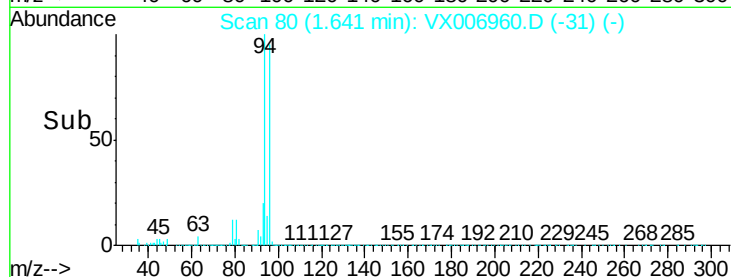
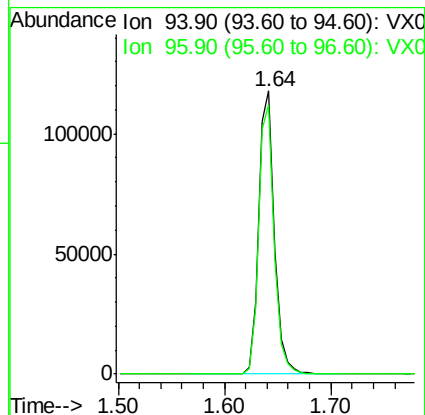
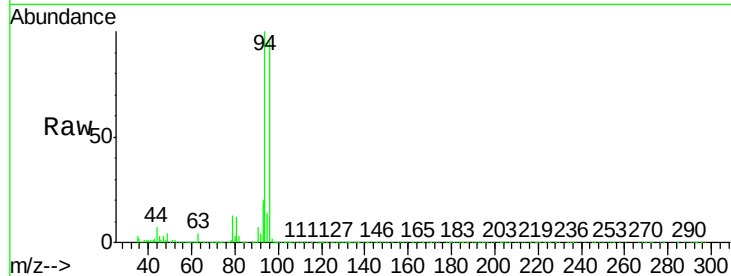
ClientSampleId :

Tot Ion: 94 Resp: 122470

Ion Ratio Lower Upper

94 100

96 95.1 73.4 110.2



#6

Chloroethane

Concen: 18.197 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006960.D

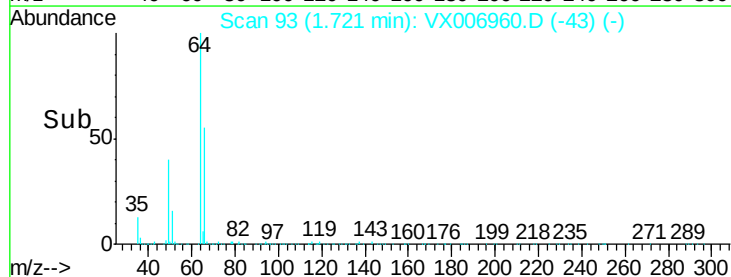
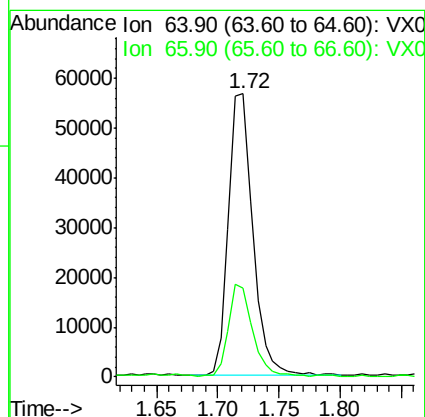
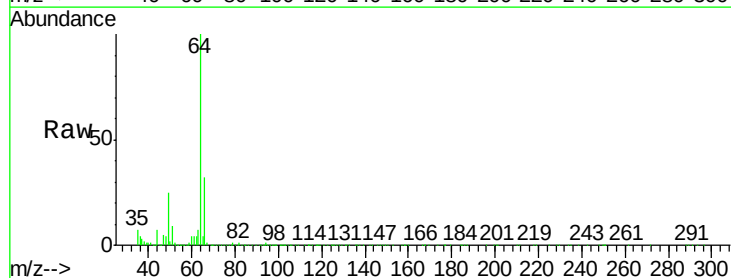
Acq: 09 Jan 2019 12:18

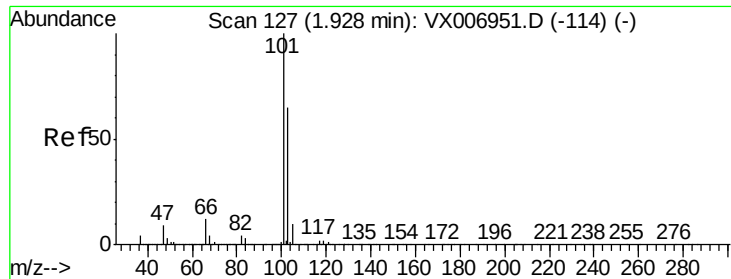
Tgt Ion: 64 Resp: 78339

Ion Ratio Lower Upper

64 100

66 31.5 26.4 39.6



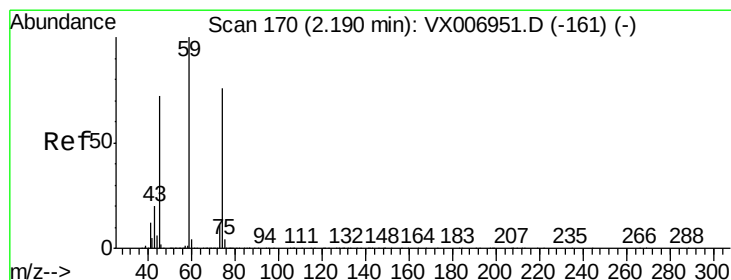
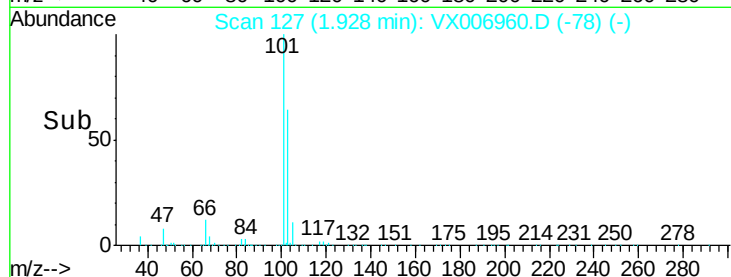
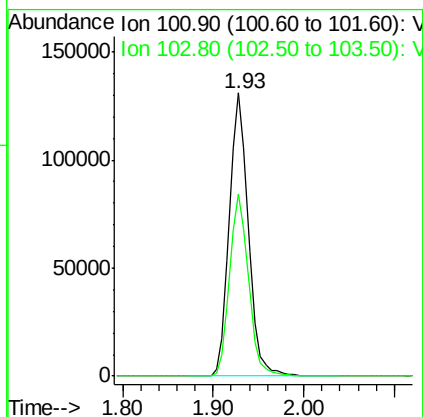
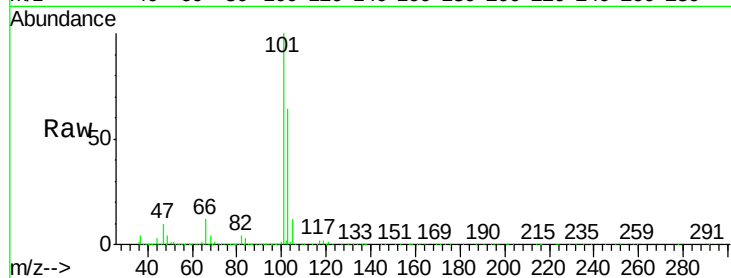


#7

Trichlorofluoromethane
Concen: 19.244 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :

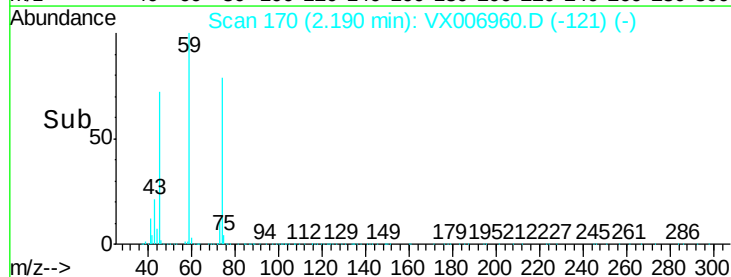
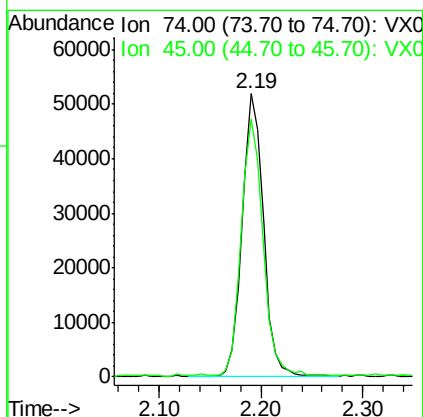
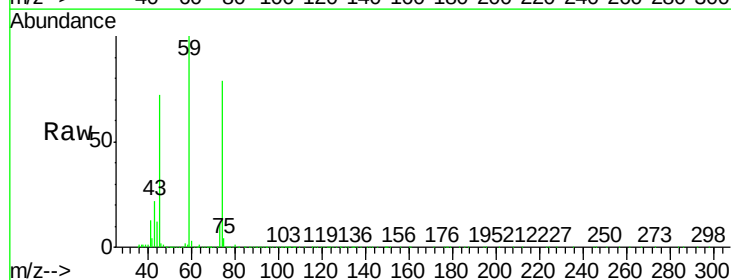
Tot Ion:101 Resp: 191707
Ion Ratio Lower Upper
101 100
103 64.1 53.2 79.8

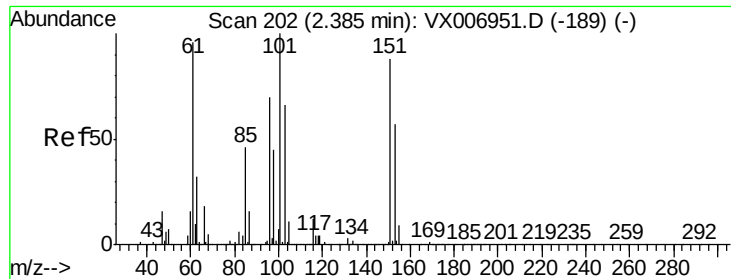


#8

Diethyl Ether
Concen: 18.844 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

Tgt Ion: 74 Resp: 74684
Ion Ratio Lower Upper
74 100
45 92.0 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.328 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

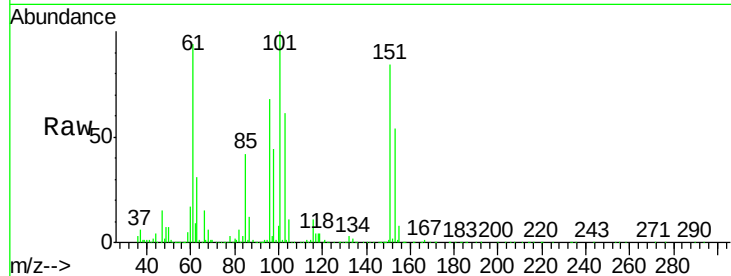
Tot Ion:101 Resp: 115275

Ion Ratio Lower Upper

101 100

85 42.7 35.1 52.7

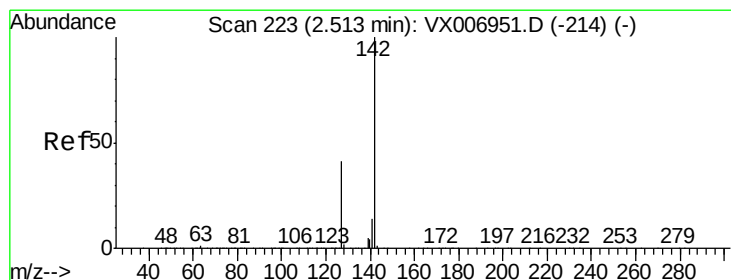
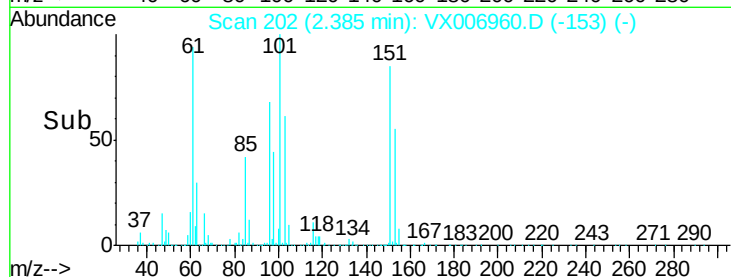
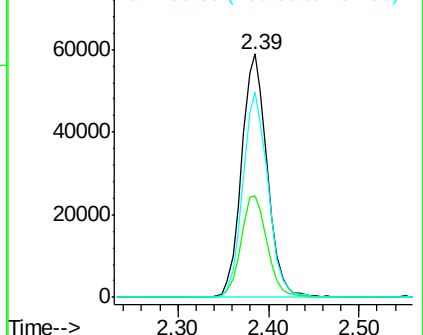
151 82.8 68.9 103.3



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: 20.552 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

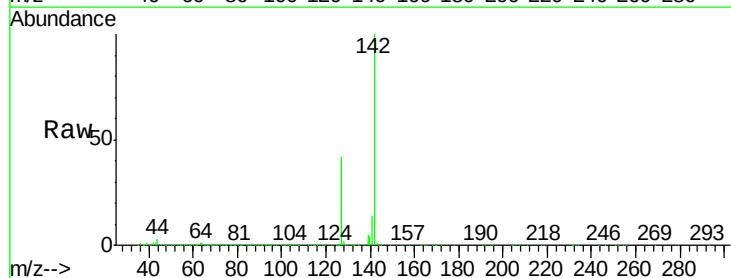
Tgt Ion:142 Resp: 165346

Ion Ratio Lower Upper

142 100

127 43.4 33.9 50.9

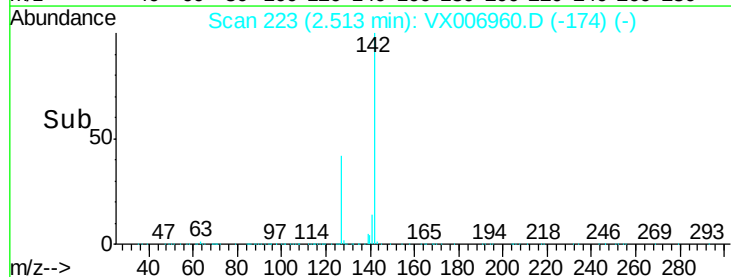
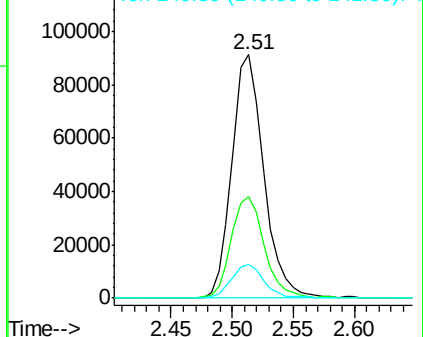
141 14.3 11.4 17.0

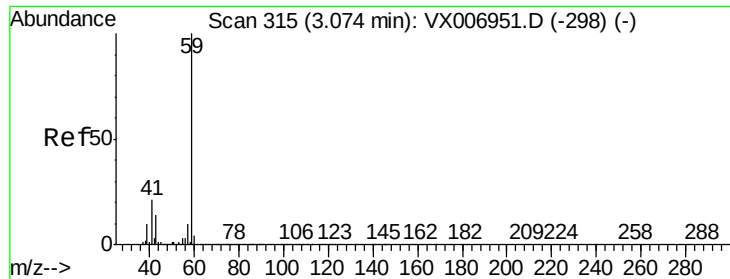


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



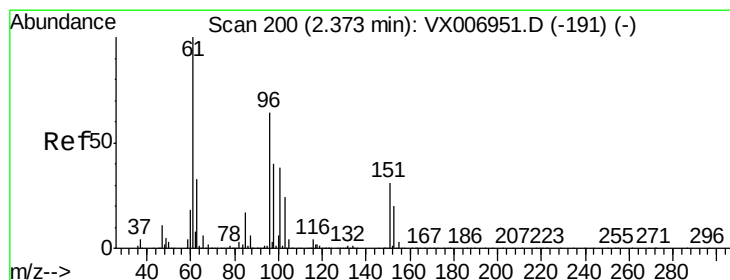
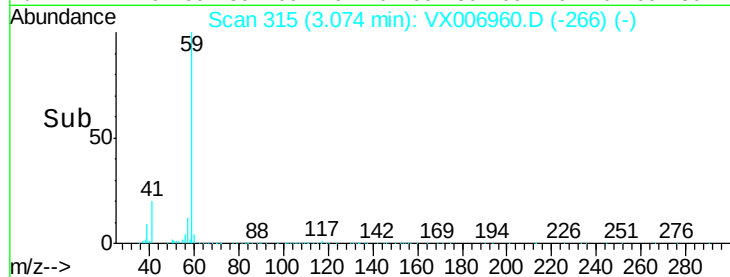
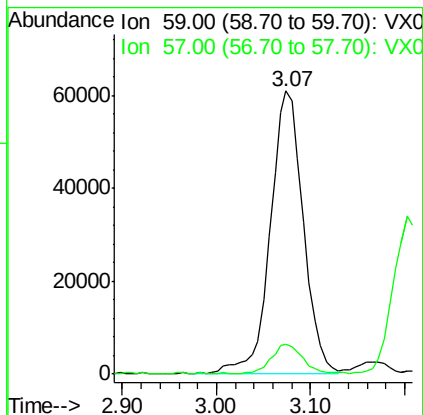
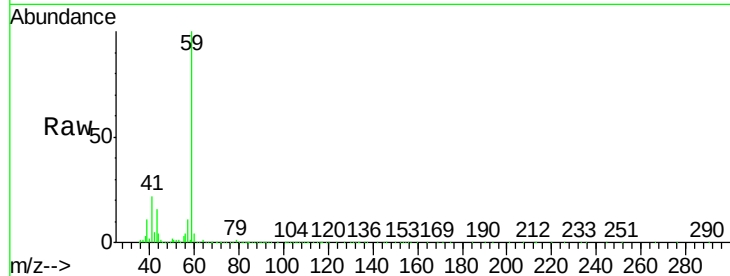


#11

Tert butyl alcohol
 Concen: 101.686 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :

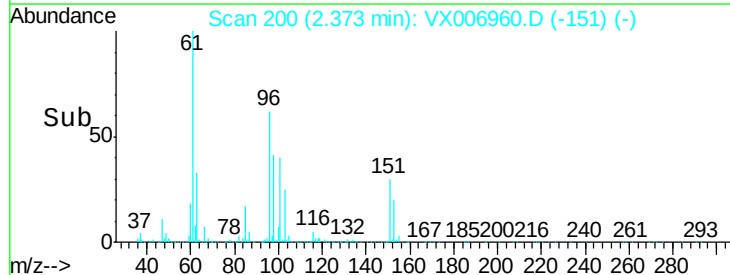
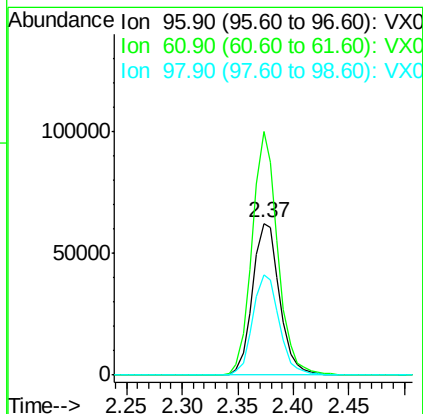
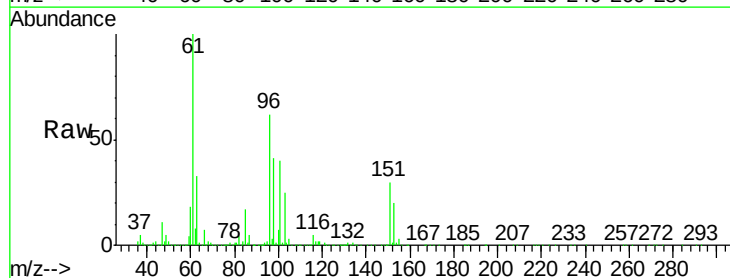
Tot Ion: 59 Resp: 150298
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

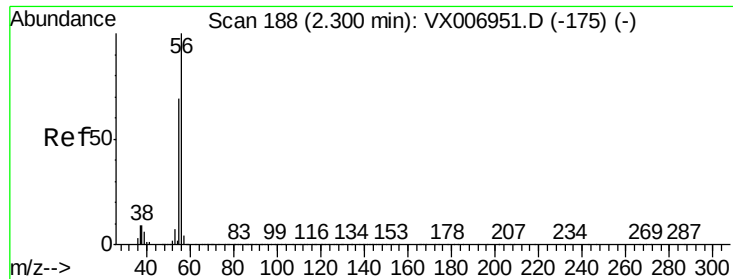


#12

1,1-Dichloroethene
 Concen: 19.257 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

Tgt Ion: 96 Resp: 106112
 Ion Ratio Lower Upper
 96 100
 61 160.2 121.4 182.2
 98 65.7 51.9 77.9





#13

Acrolein

Concen: 90.316 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

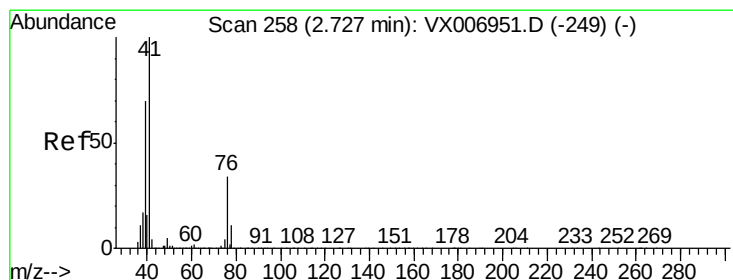
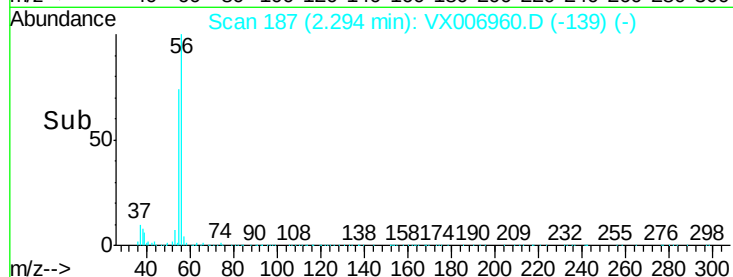
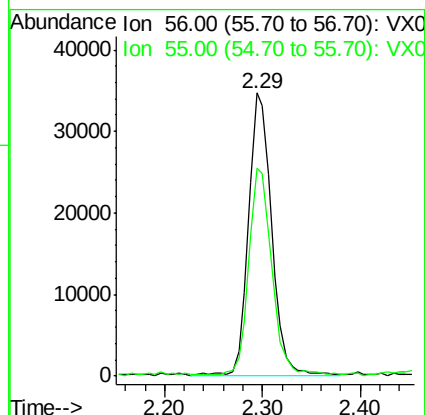
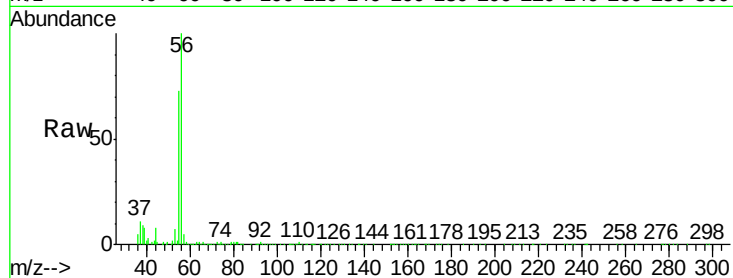
ClientSampleId :

Tot Ion: 56 Resp: 56302

Ion Ratio Lower Upper

56 100

55 72.9 58.2 87.4



#14

Allyl chloride

Concen: 19.092 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

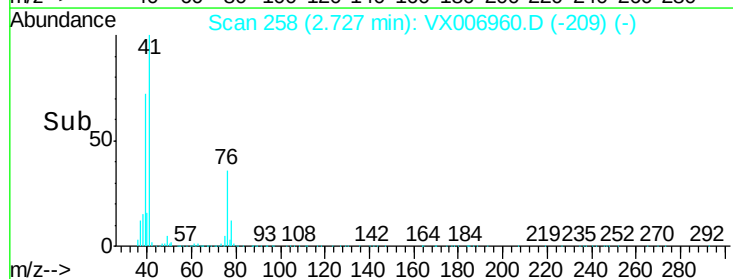
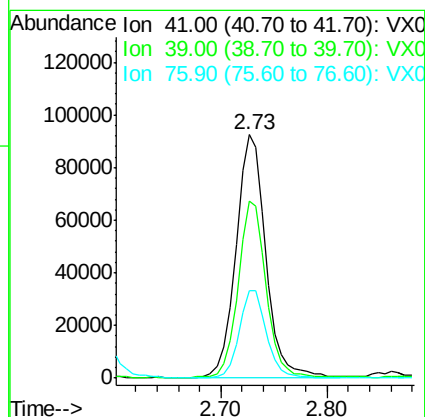
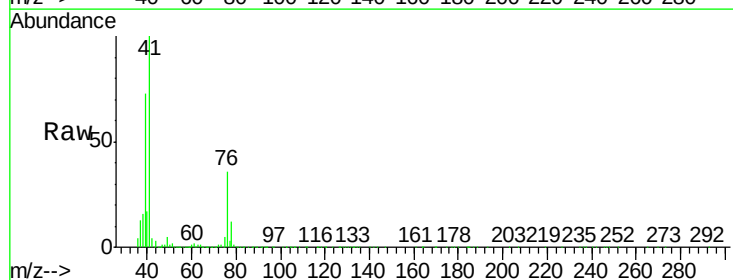
Tgt Ion: 41 Resp: 180296

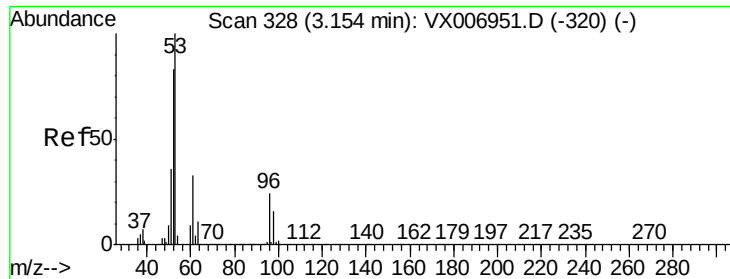
Ion Ratio Lower Upper

41 100

39 68.2 53.6 80.4

76 32.6 27.4 41.2





#15

Acrylonitrile

Concen: 97.758 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

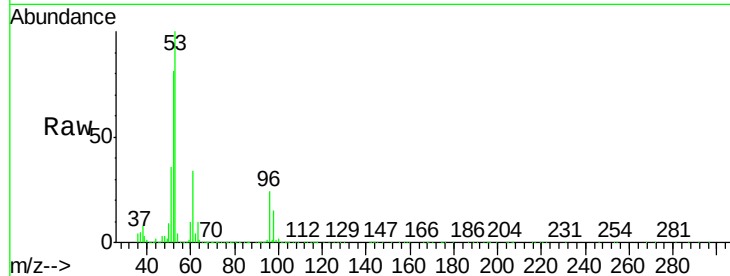
Tot Ion: 53 Resp: 331701

Ion Ratio Lower Upper

53 100

52 82.2 66.0 99.0

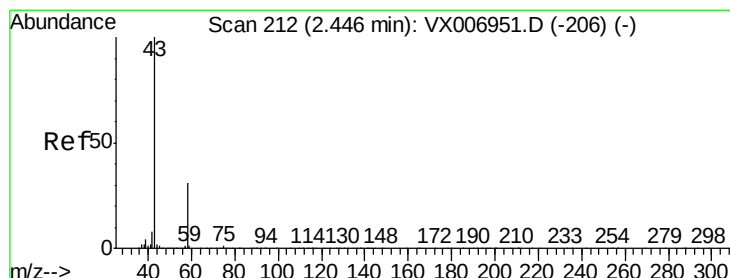
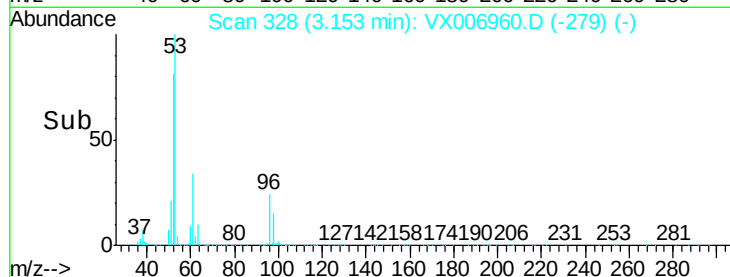
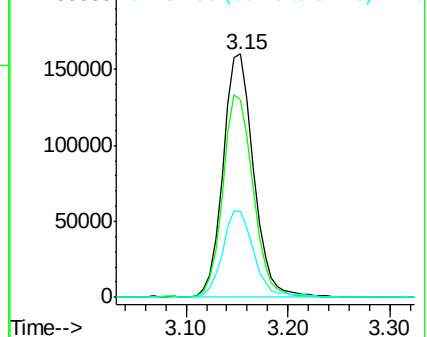
51 36.2 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 96.332 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006960.D

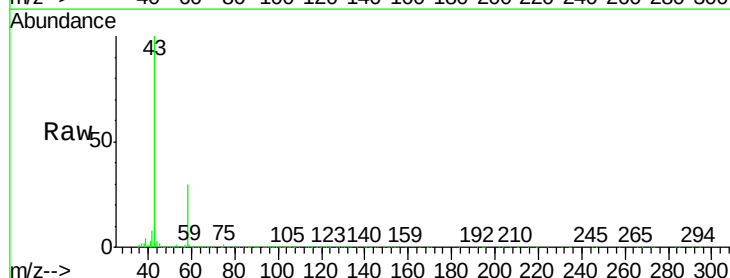
Acq: 09 Jan 2019 12:18

Tgt Ion: 43 Resp: 298398

Ion Ratio Lower Upper

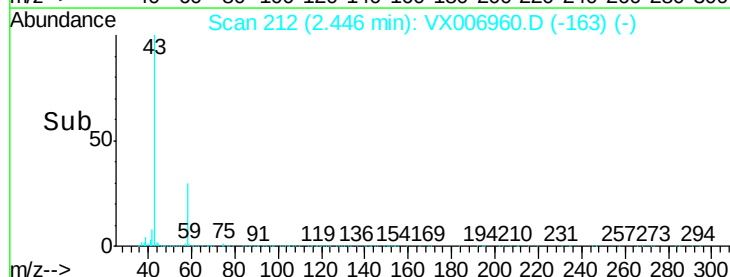
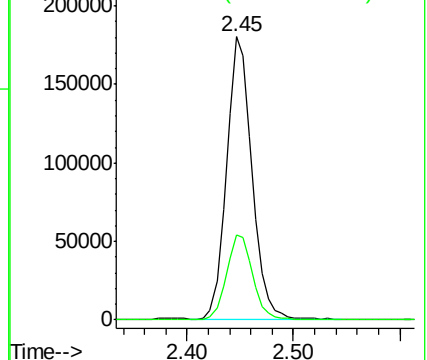
43 100

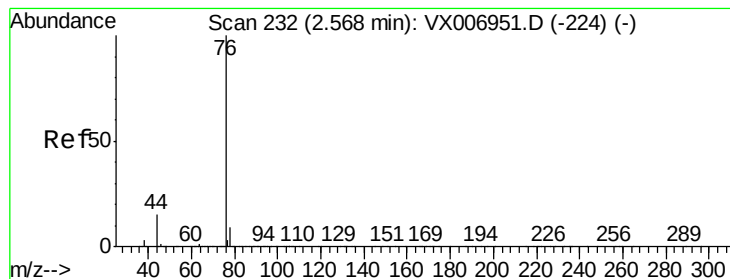
58 29.9 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.298 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

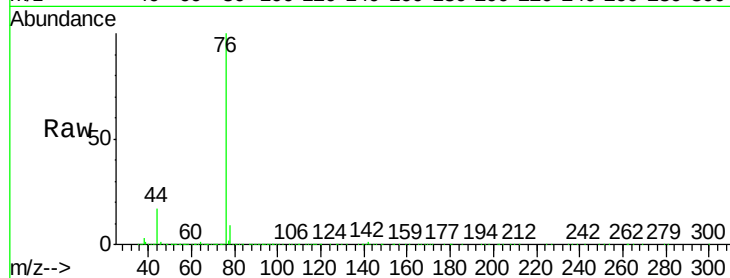
ClientSampleId :

Tot Ion: 76 Resp: 259593

Ion Ratio Lower Upper

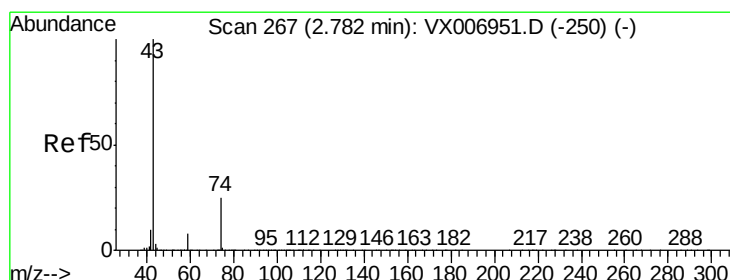
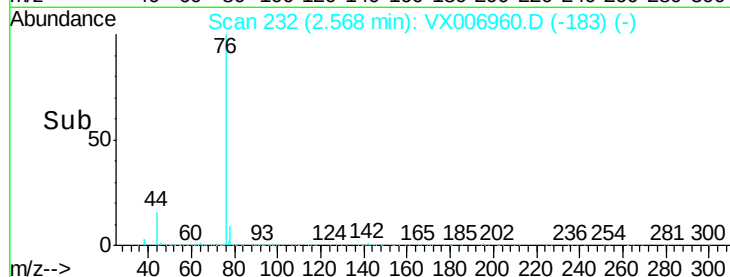
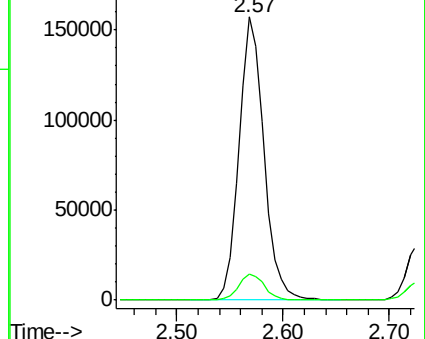
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.871 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006960.D

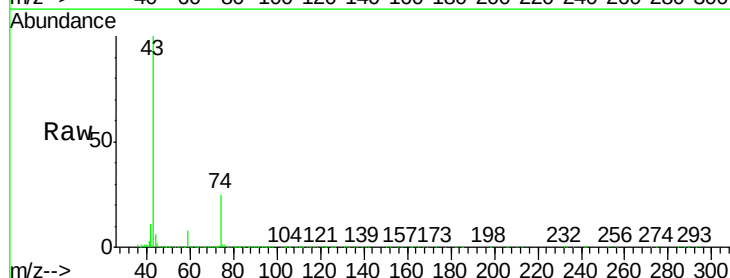
Acq: 09 Jan 2019 12:18

Tgt Ion: 43 Resp: 169279

Ion Ratio Lower Upper

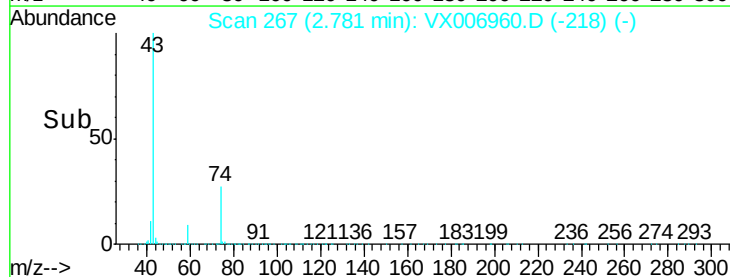
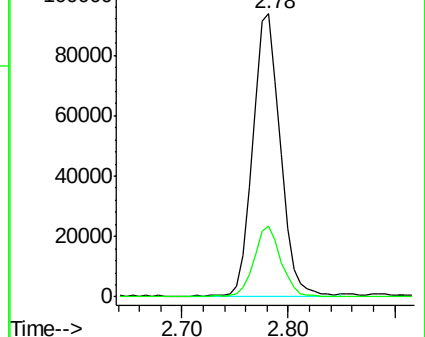
43 100

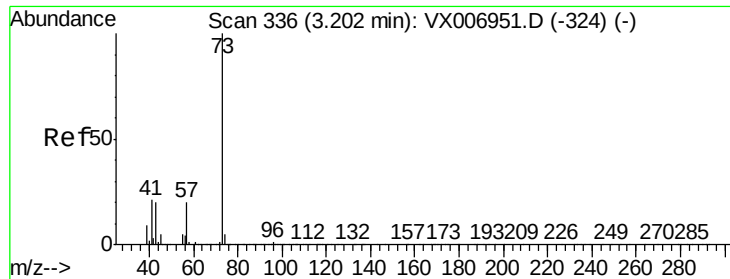
74 24.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



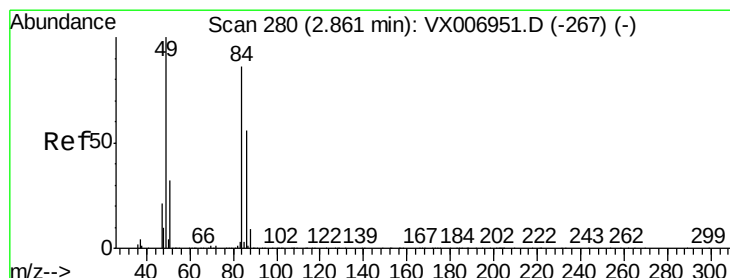
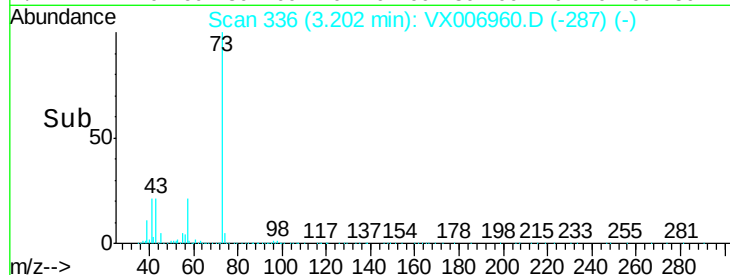
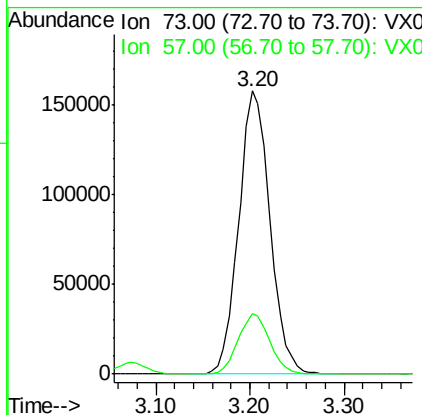
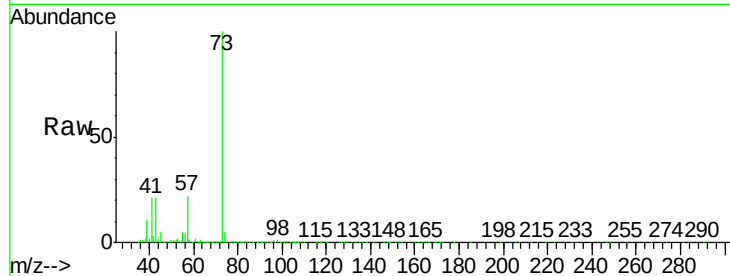


#19

Methyl tert-butyl Ether
 Concen: 19.194 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :

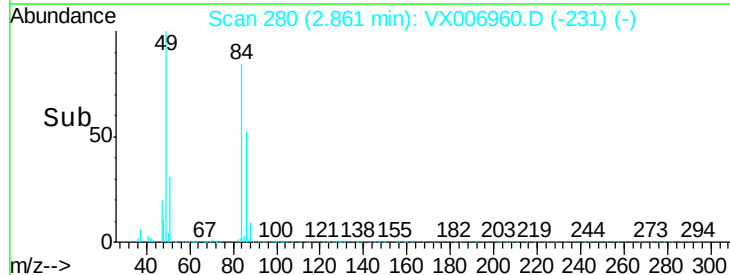
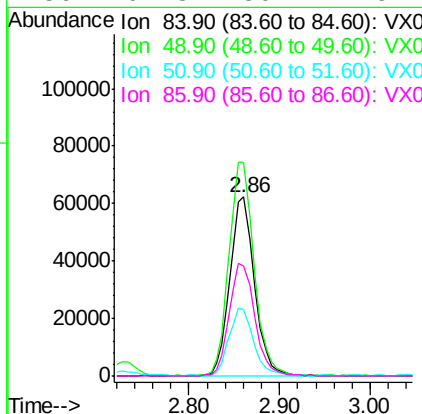
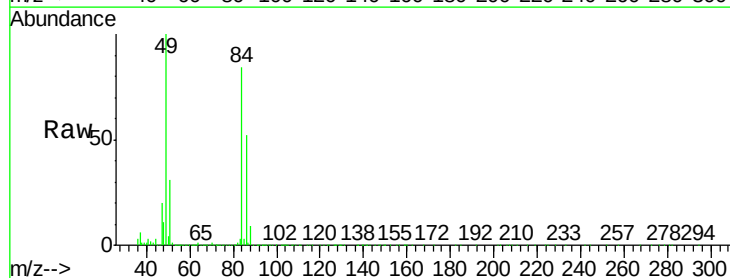
Tot Ion: 73 Resp: 367103
 Ion Ratio Lower Upper
 73 100
 57 21.5 16.8 25.2

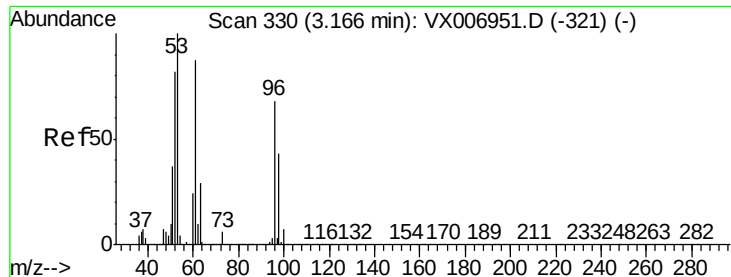


#20

Methylene Chloride
 Concen: 19.571 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

Tgt Ion: 84 Resp: 117333
 Ion Ratio Lower Upper
 84 100
 49 119.5 91.8 137.6
 51 37.2 28.5 42.7
 86 61.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.347 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :
MSVOA_X
ClientSampled :

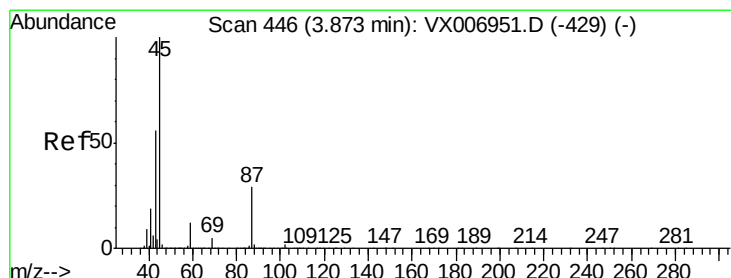
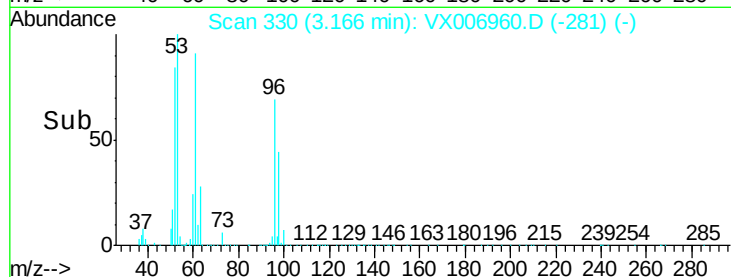
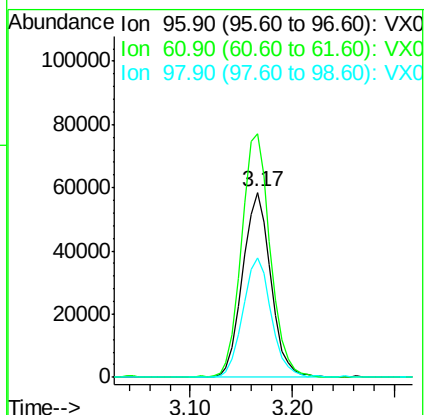
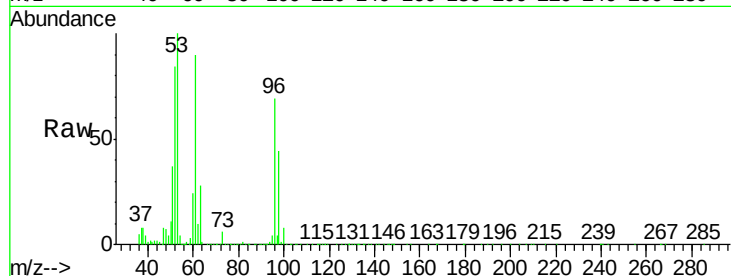
Tot Ion: 96 Resp: 112664

Ion Ratio Lower Upper

96 100

61 131.4 103.7 155.5

98 64.3 51.0 76.6



#22

Diisopropyl ether

Concen: 19.173 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Tgt Ion: 45 Resp: 340396

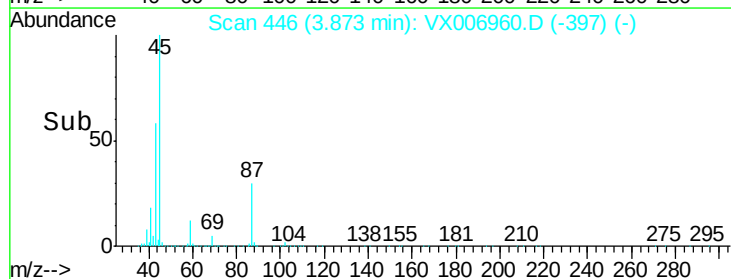
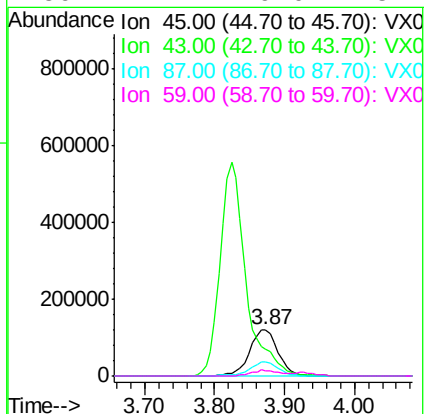
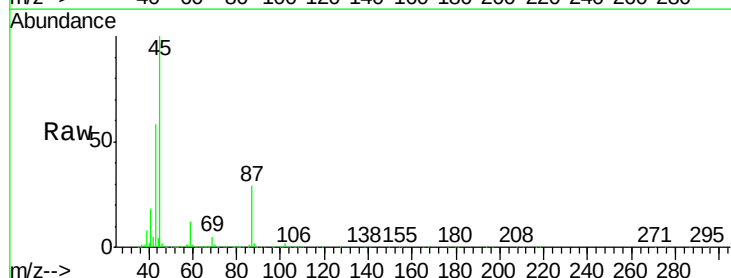
Ion Ratio Lower Upper

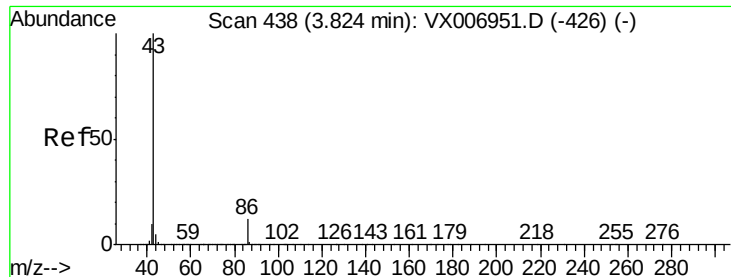
45 100

43 57.9 51.2 76.8

87 29.4 25.8 38.6

59 12.2 9.0 13.4





#23

Vinyl Acetate

Concen: 96.121 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

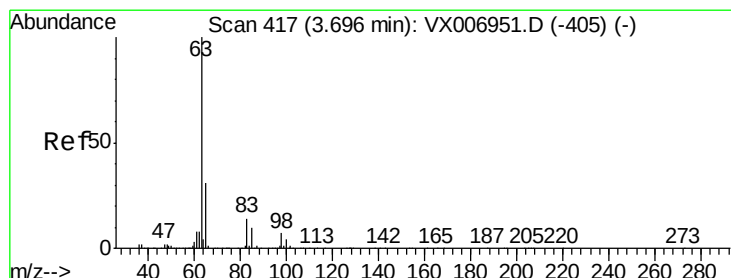
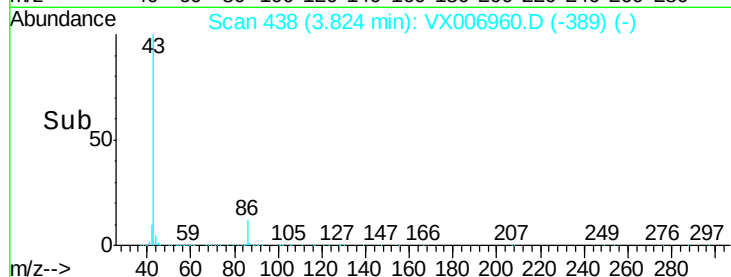
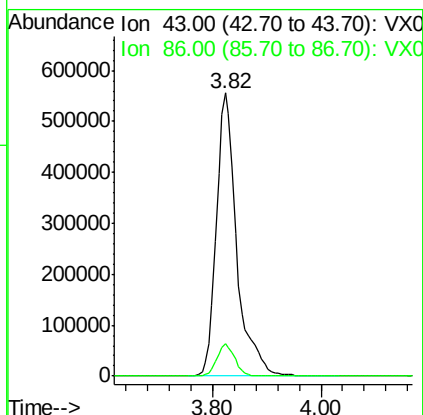
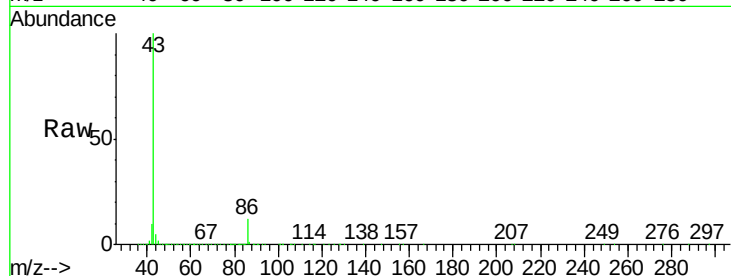
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1439144

Ion Ratio Lower Upper

43 100

86 11.7 9.2 13.8



#24

1,1-Dichloroethane

Concen: 18.985 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

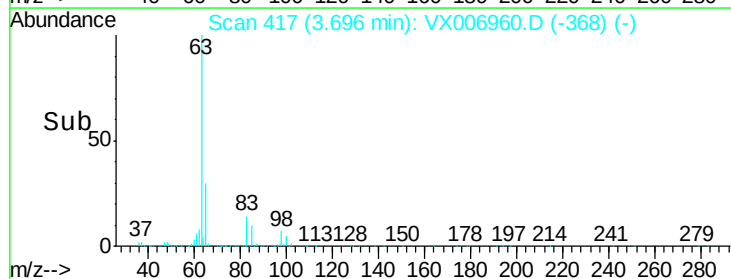
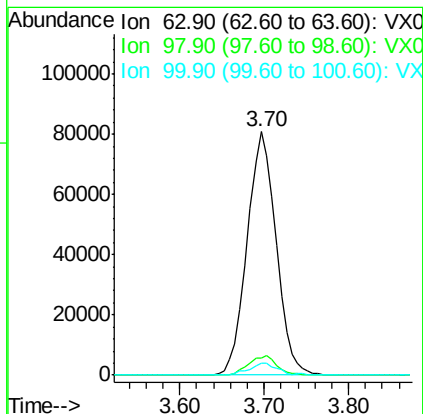
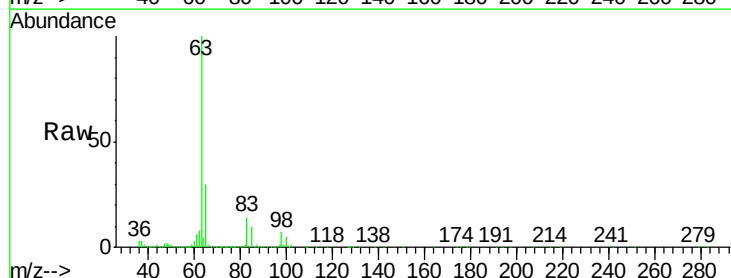
Tgt Ion: 63 Resp: 188468

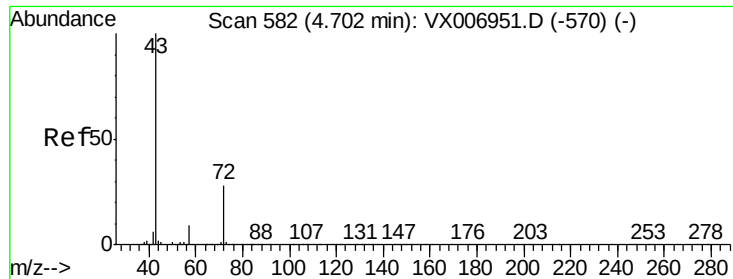
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 99.651 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

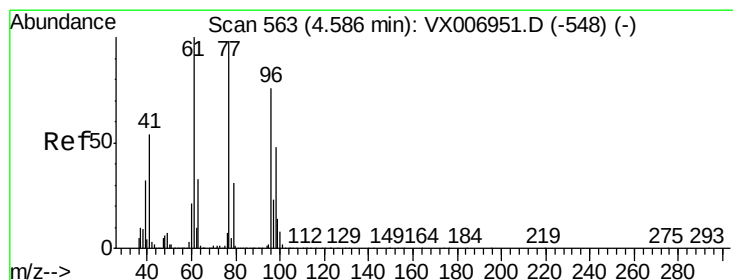
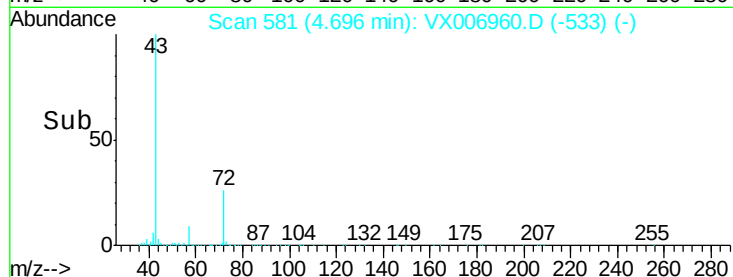
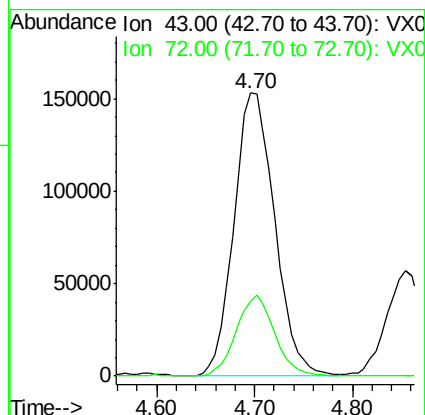
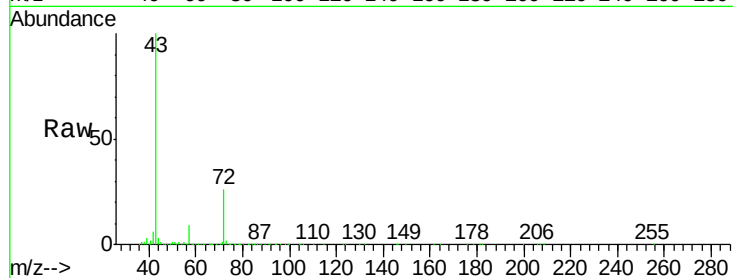
ClientSampleId :

Tot Ion: 43 Resp: 441678

Ion Ratio Lower Upper

43 100

72 26.2 22.4 33.6



#26

2,2-Dichloropropane

Concen: 18.906 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006960.D

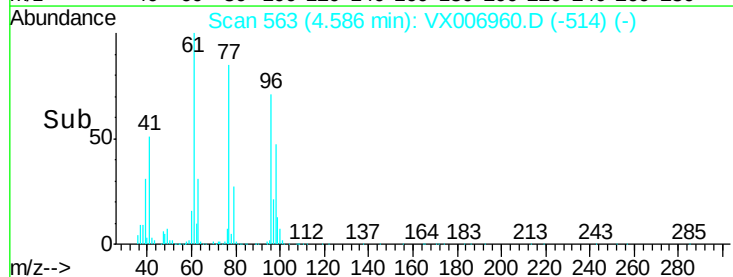
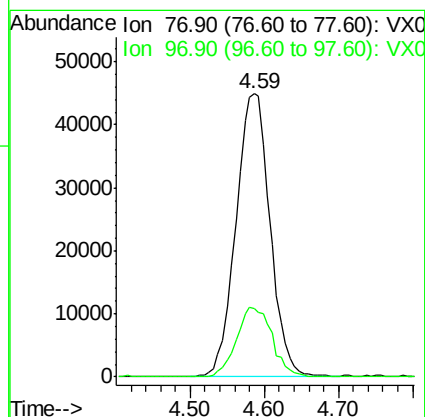
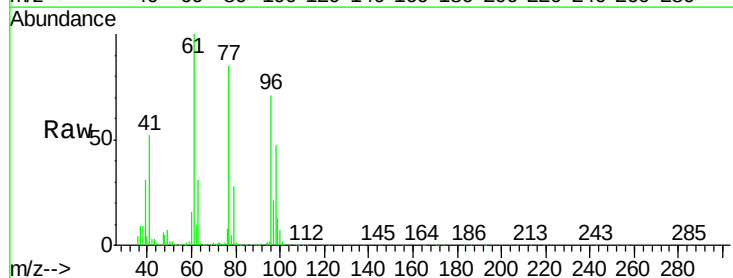
Acq: 09 Jan 2019 12:18

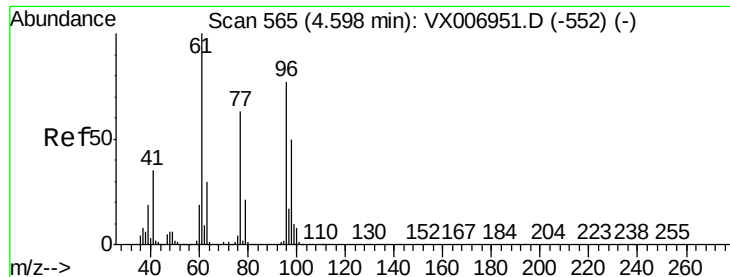
Tgt Ion: 77 Resp: 144324

Ion Ratio Lower Upper

77 100

97 25.7 12.4 37.4



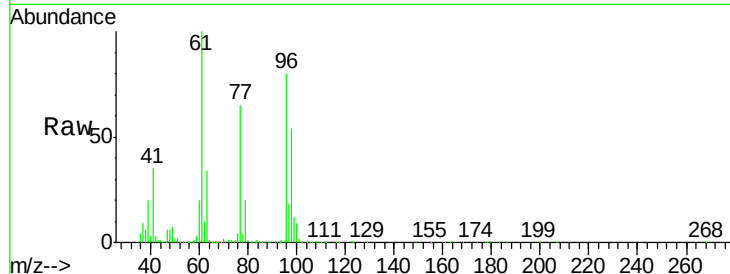


#27

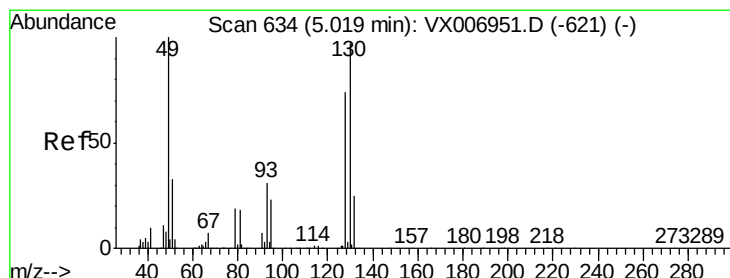
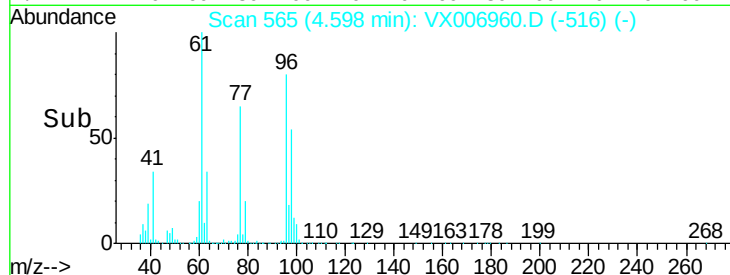
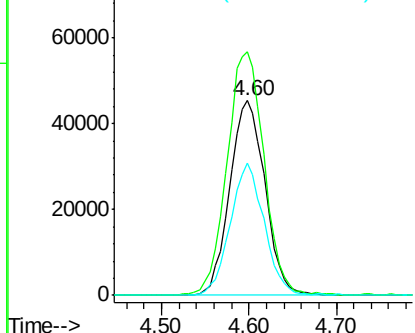
cis-1,2-Dichloroethene
 Concen: 18.808 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	258.6
98	65.4	0.0	132.0



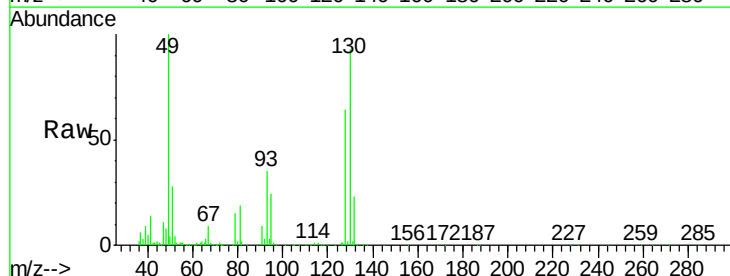
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



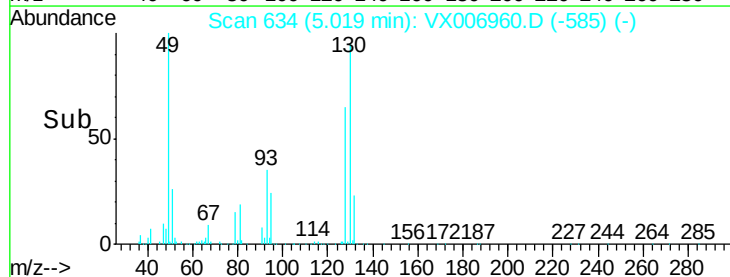
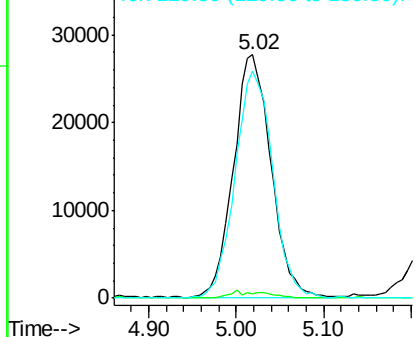
#28

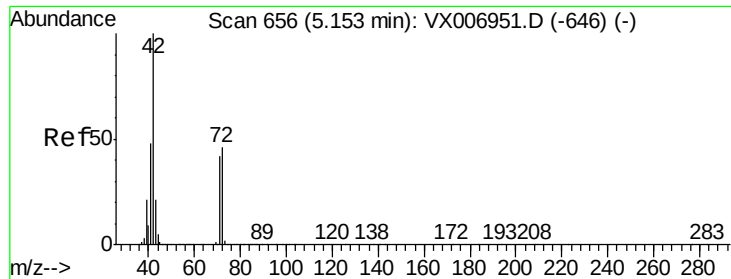
Bromochloromethane
 Concen: 18.991 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	5.4
130	94.1	77.7	116.5



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

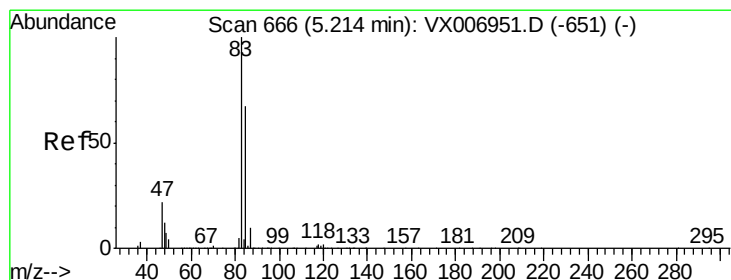
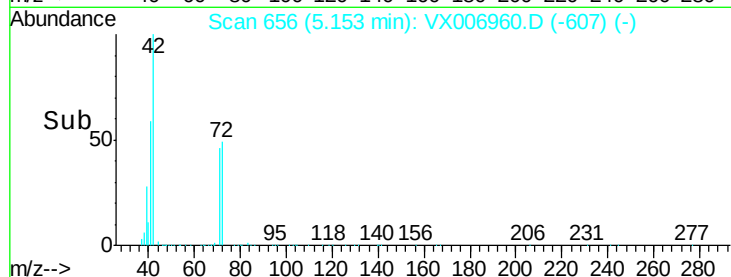
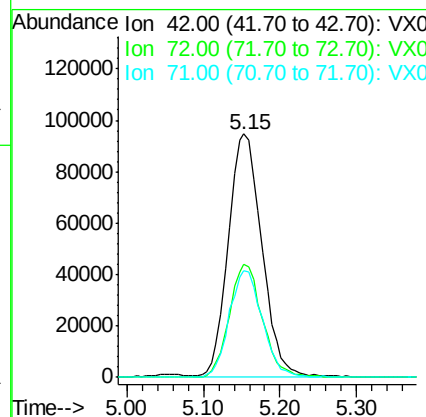
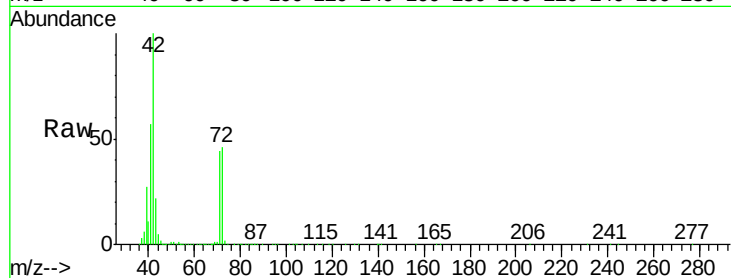




#29
Tetrahydrofuran
Concen: 98.645 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

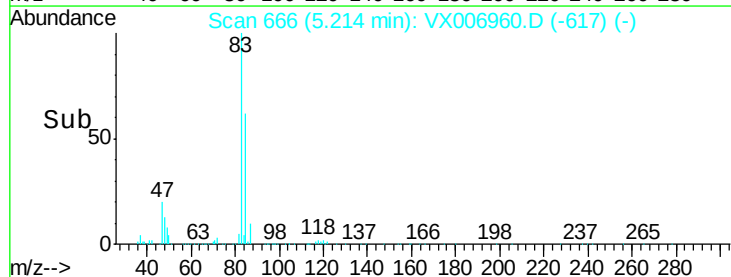
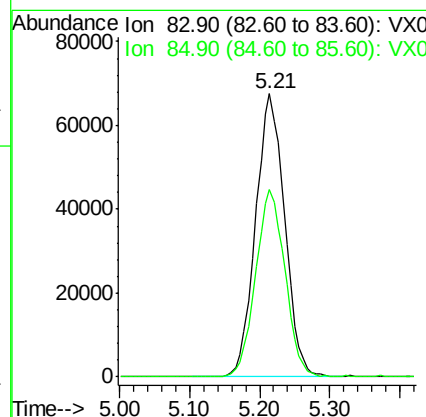
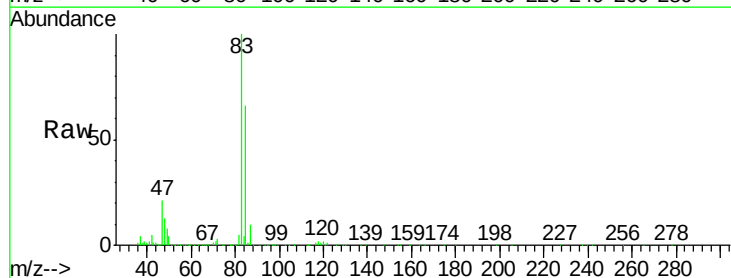
Instrument :
MSVOA_X
ClientSampleId :

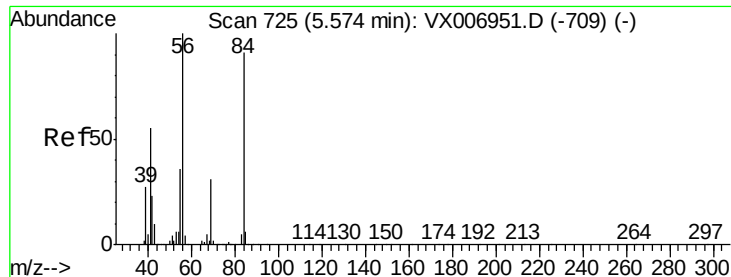
Tot Ion: 42 Resp: 284138
Ion Ratio Lower Upper
42 100
72 46.4 38.9 58.3
71 43.8 36.2 54.4



#30
Chloroform
Concen: 18.839 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

Tgt Ion: 83 Resp: 195808
Ion Ratio Lower Upper
83 100
85 66.1 51.2 76.8

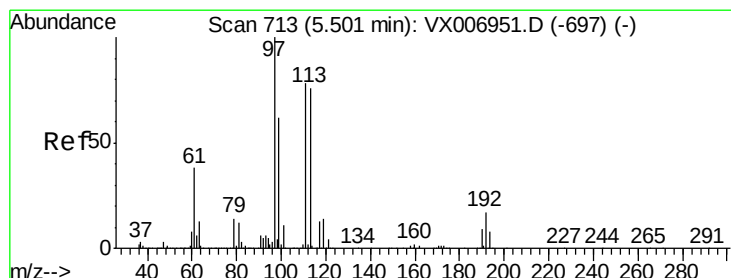
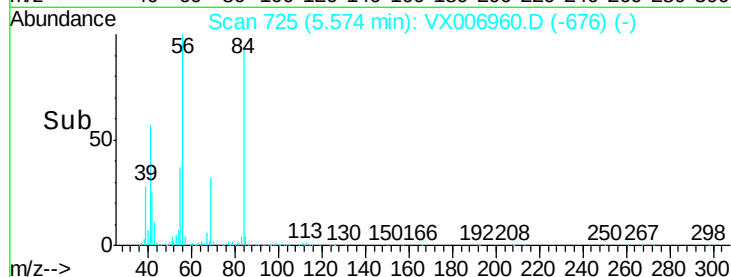
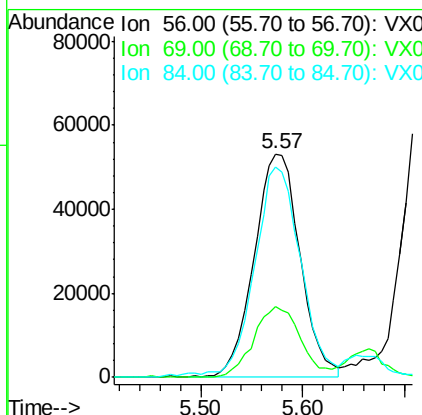
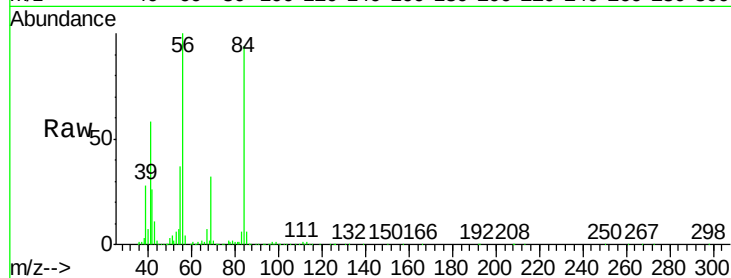




#31
Cyclohexane
Concen: 18.624 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

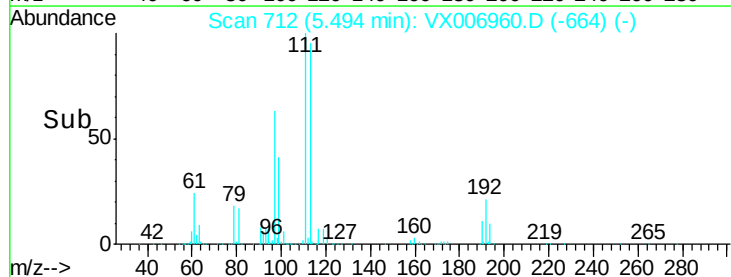
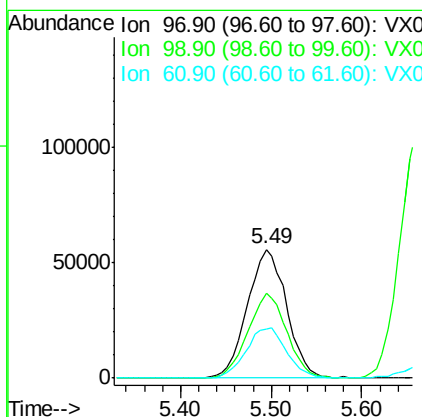
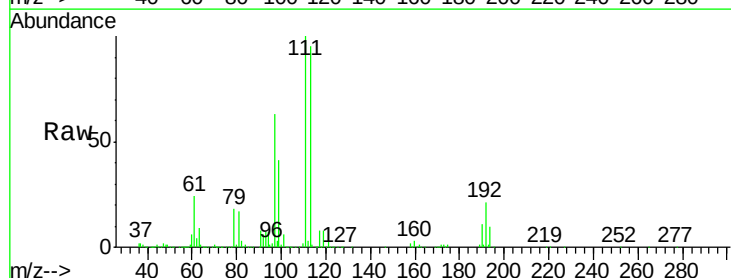
Instrument :
MSVOA_X
ClientSampleId :

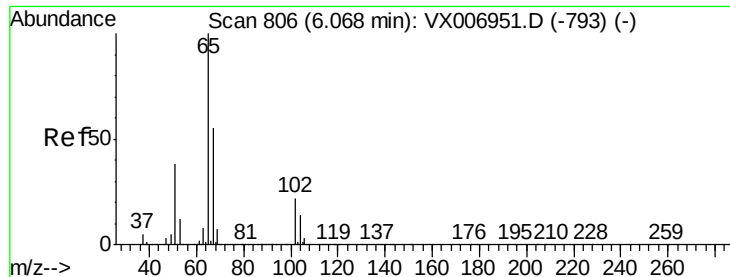
Tot Ion: 56 Resp: 164559
Ion Ratio Lower Upper
56 100
69 31.6 24.4 36.6
84 92.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.985 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

Tgt Ion: 97 Resp: 167255
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 40.0 31.3 46.9

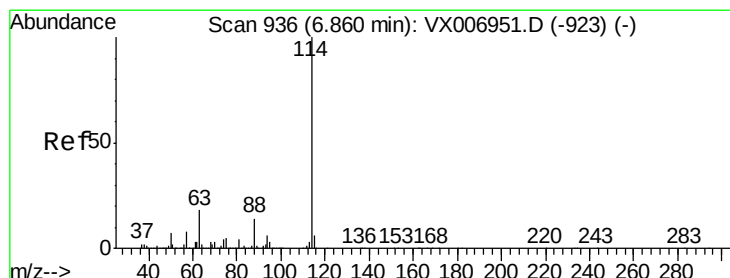
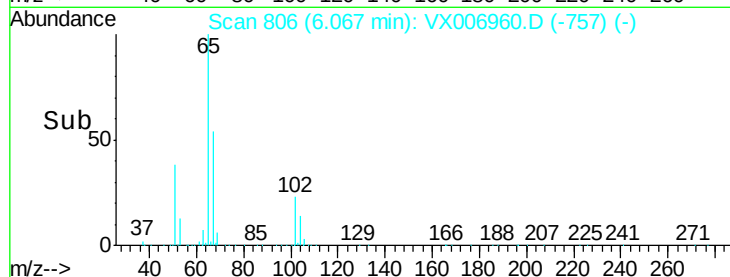
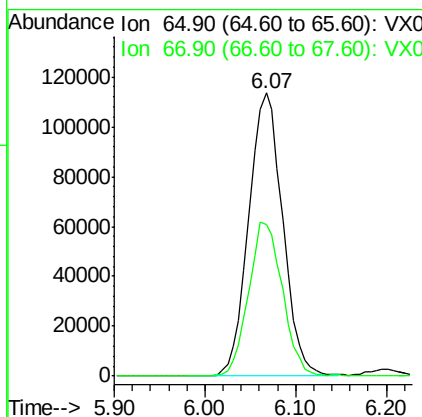
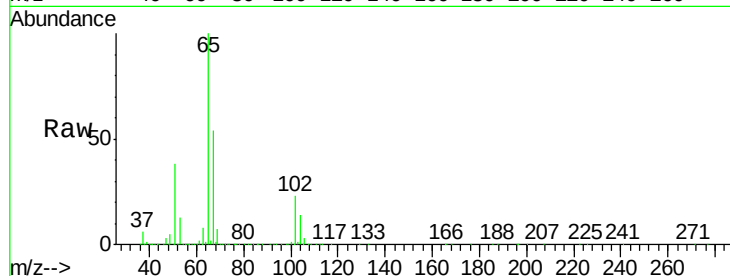




#33
 1,2-Dichloroethane-d4
 Concen: 47.166 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

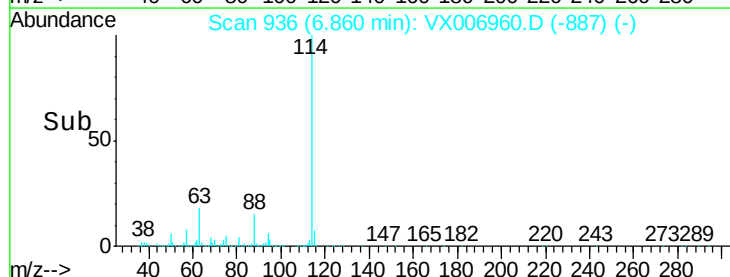
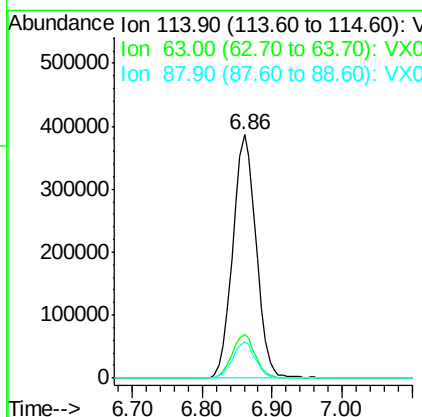
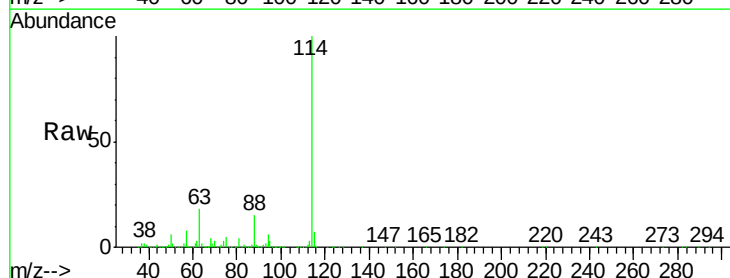
Instrument :
 MSVOA_X
 ClientSampleId :

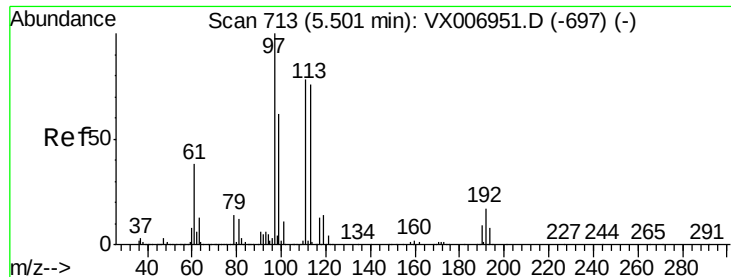
Tot Ion: 65 Resp: 295533
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

Tgt Ion: 114 Resp: 896691
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.8
 88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.143 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :
MSVOA_X
ClientSampled :

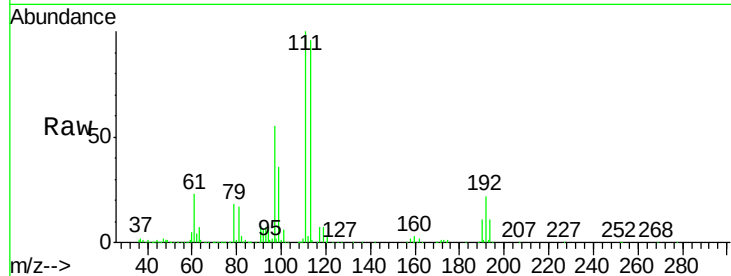
Tot Ion:113 Resp: 264972

Ion Ratio Lower Upper

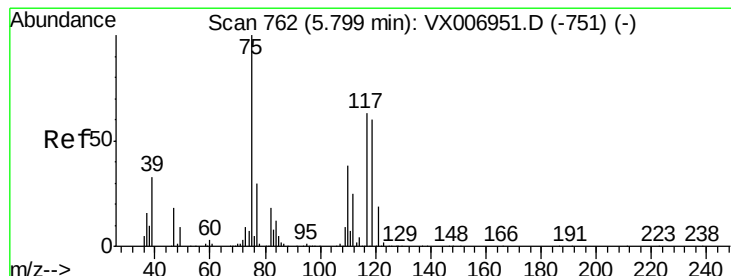
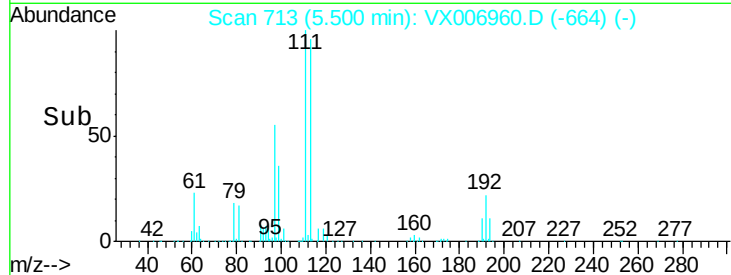
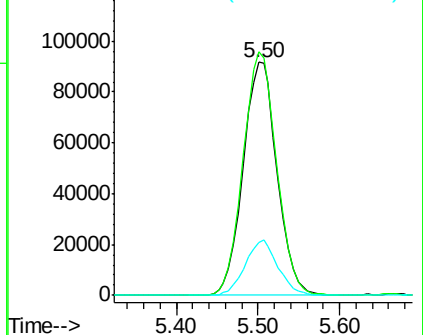
113 100

111 103.4 81.6 122.4

192 22.8 16.7 25.1



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



#36

1,1-Dichloropropene

Concen: 18.620 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

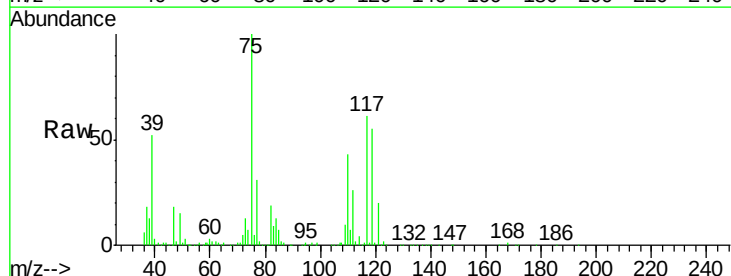
Tgt Ion: 75 Resp: 145164

Ion Ratio Lower Upper

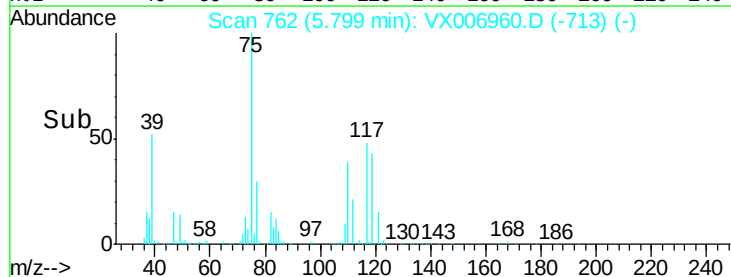
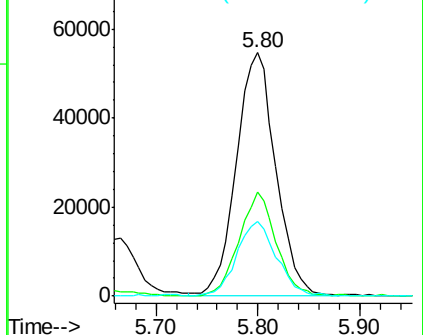
75 100

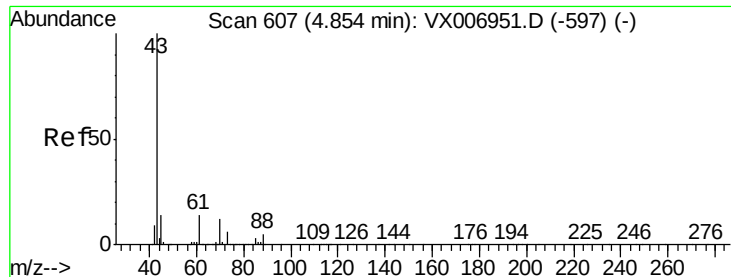
110 41.0 20.2 60.5

77 30.6 24.8 37.2



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

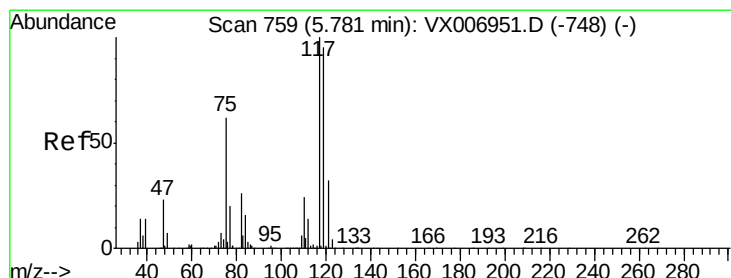
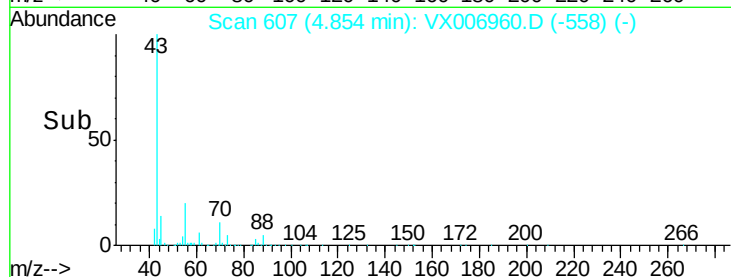
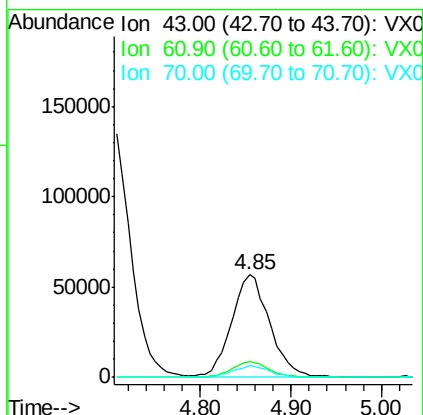
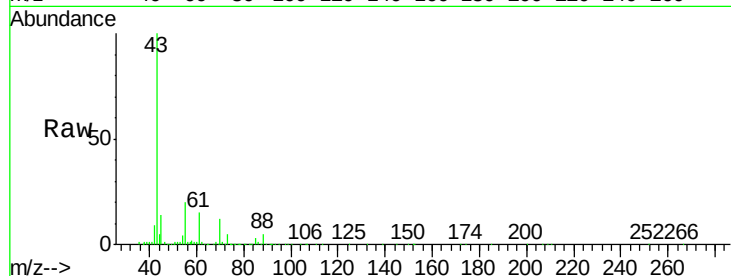




#37
Ethyl Acetate
Concen: 19.568 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

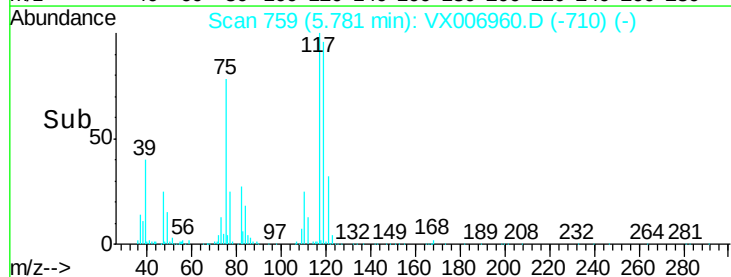
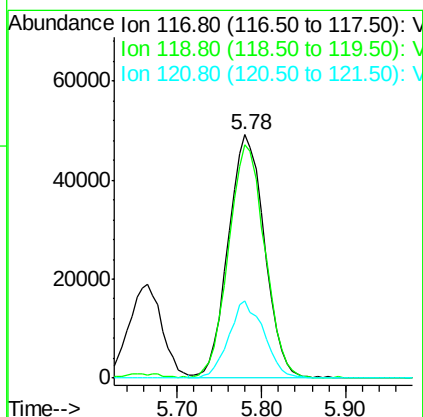
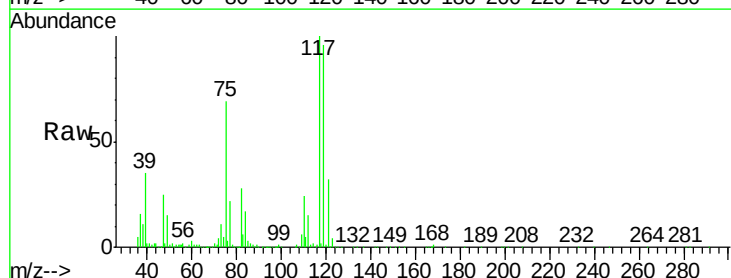
Instrument :
MSVOA_X
ClientSampled :

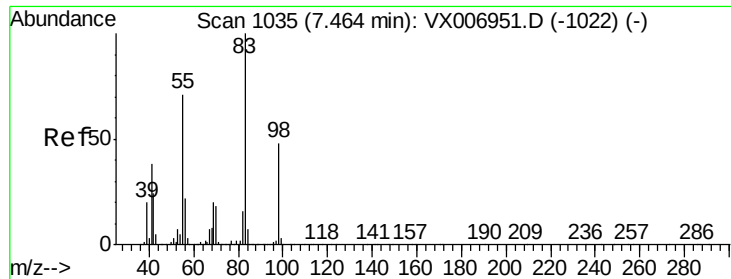
Tot Ion: 43 Resp: 163553
Ion Ratio Lower Upper
43 100
61 14.9 11.9 17.9
70 10.8 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.219 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

Tgt Ion: 117 Resp: 142901
Ion Ratio Lower Upper
117 100
119 95.7 79.4 119.2
121 32.0 24.0 36.0

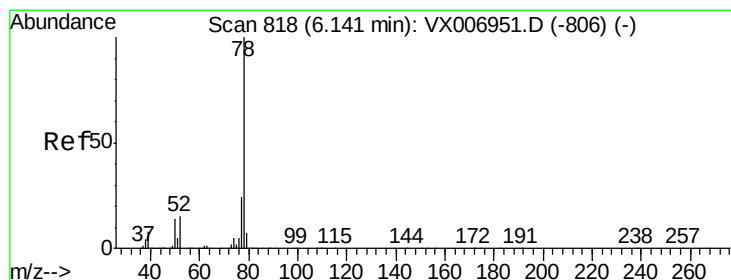
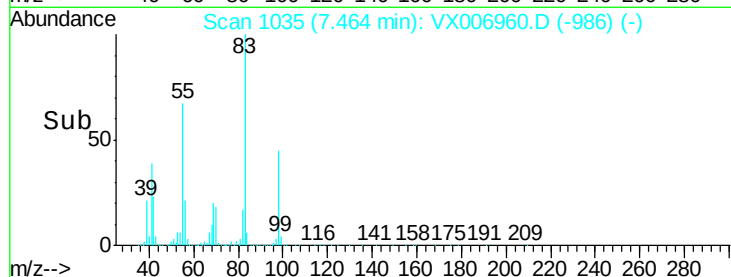
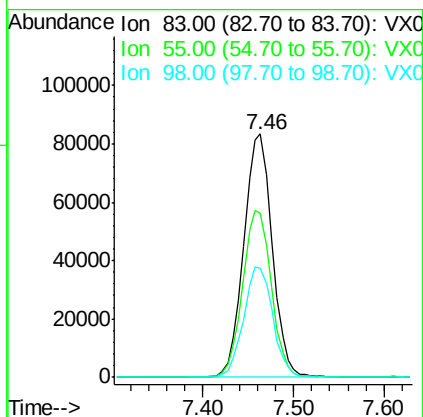
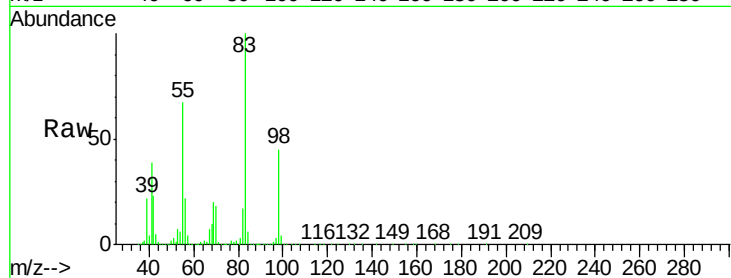




#39
Methylvlcyclohexane
Concen: 18.276 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

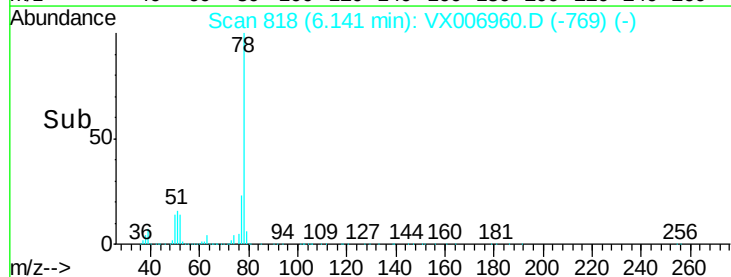
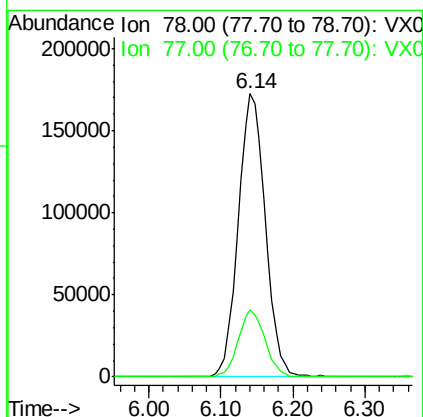
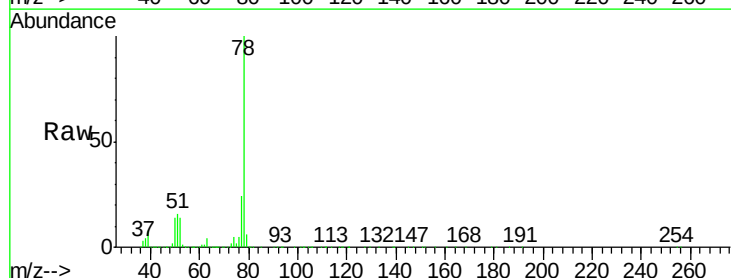
Instrument :
MSVOA_X
ClientSampleId :

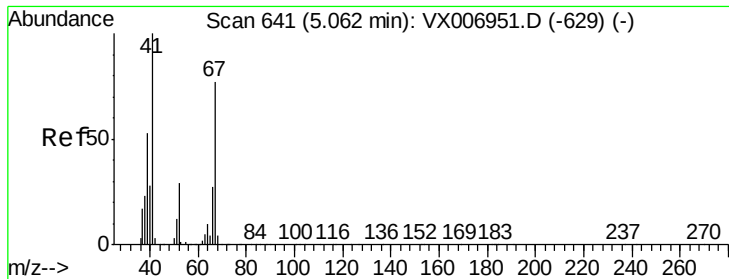
Tot Ion: 83 Resp: 181640
Ion Ratio Lower Upper
83 100
55 67.1 54.9 82.3
98 44.9 37.9 56.9



#40
Benzene
Concen: 18.866 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

Tgt Ion: 78 Resp: 448789
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8





#41

Methacrylonitrile

Concen: 18.209 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

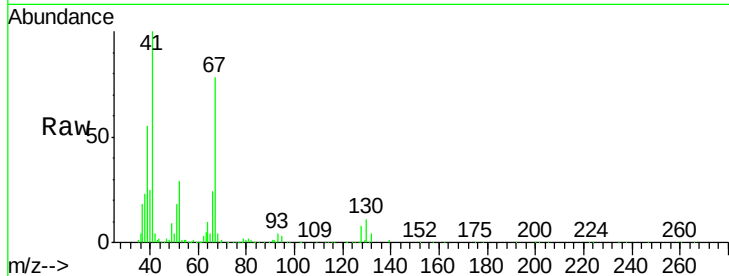
Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 87676

Ion	Ratio	Lower	Upper
41	100		
39	54.7	42.8	64.2
67	77.9	62.1	93.1
52	31.5	23.4	35.0

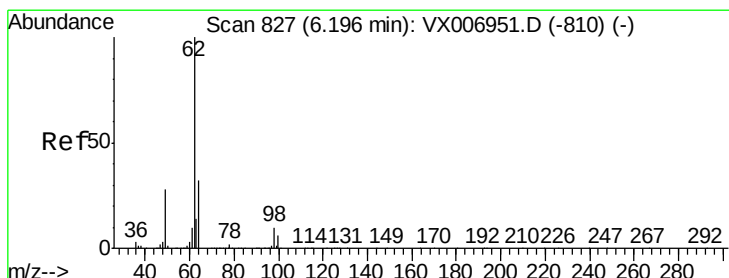
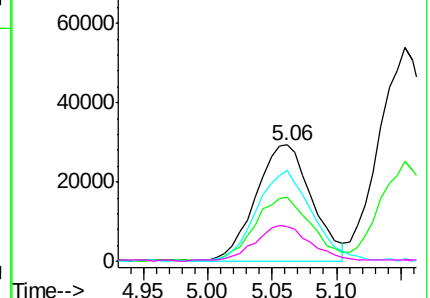
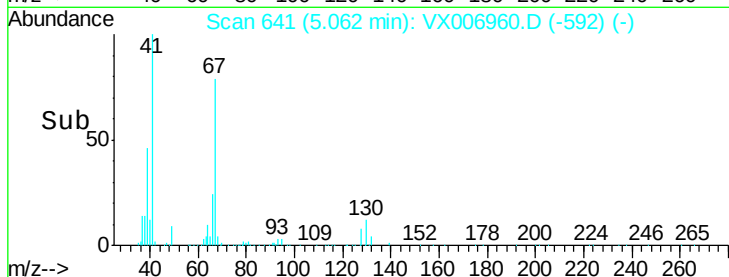


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.598 ug/l

RT: 6.20 min Scan# 827

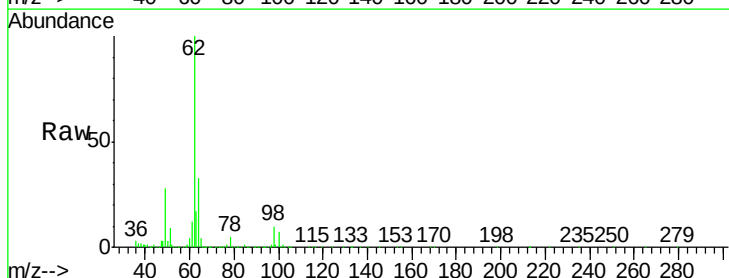
Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

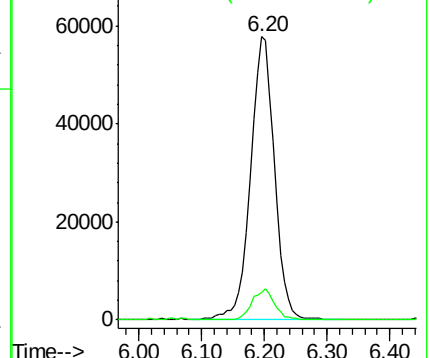
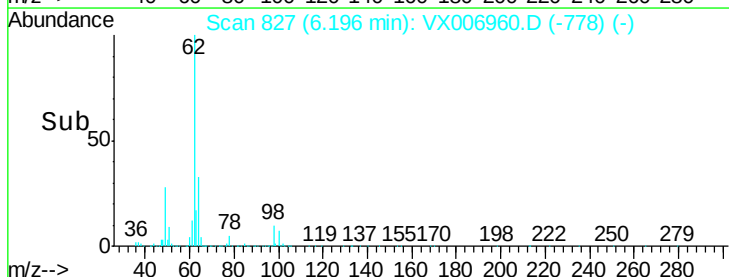
Tgt Ion: 62 Resp: 152878

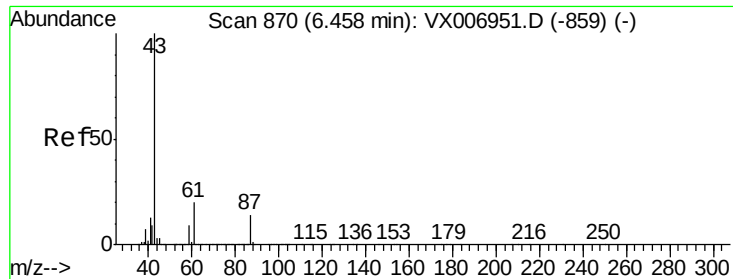
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.230 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

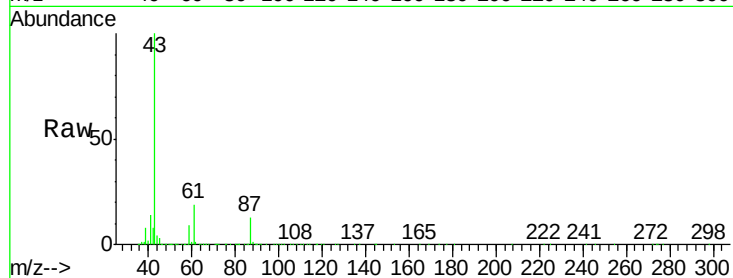
Tot Ion: 43 Resp: 253526

Ion Ratio Lower Upper

43 100

61 20.8 16.8 25.2

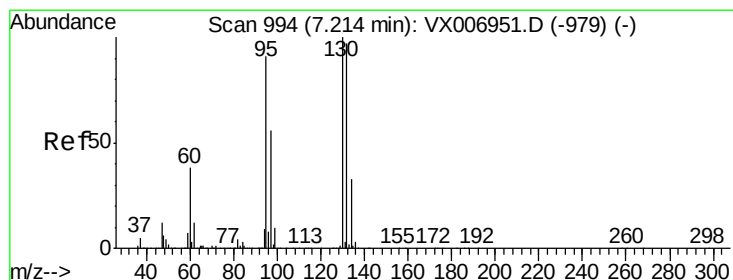
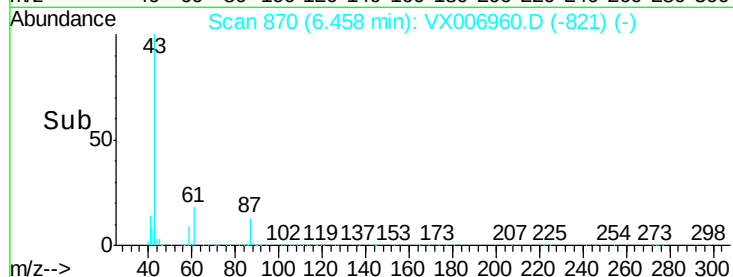
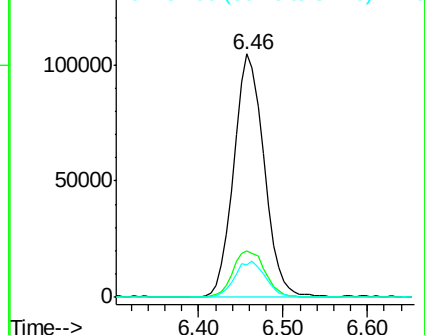
87 15.3 12.4 18.6



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: 18.403 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006960.D

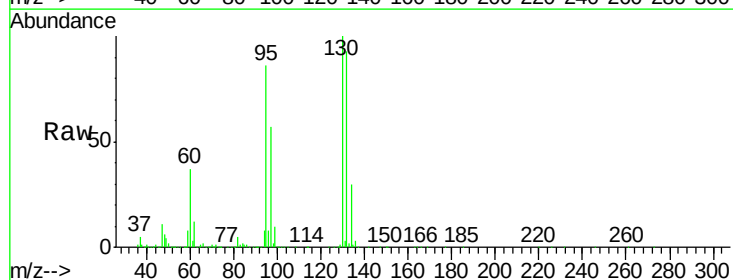
Acq: 09 Jan 2019 12:18

Tgt Ion: 130 Resp: 131184

Ion Ratio Lower Upper

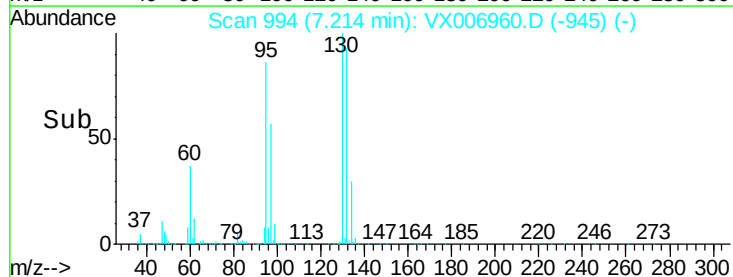
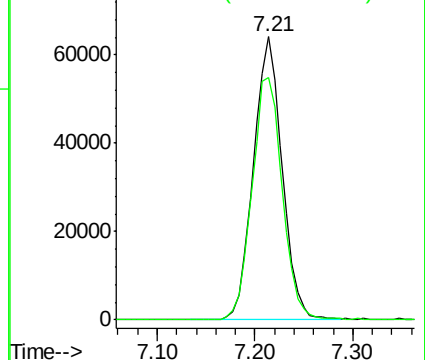
130 100

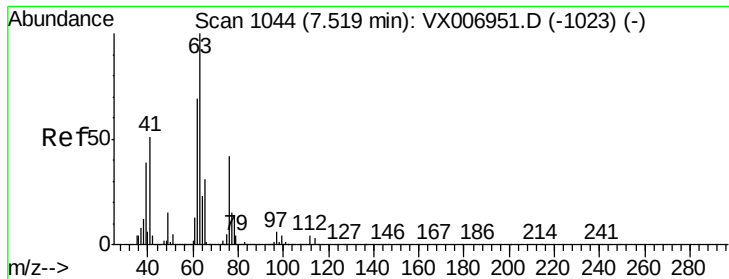
95 85.6 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.610 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

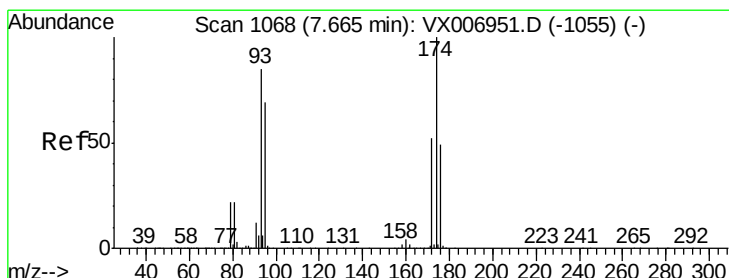
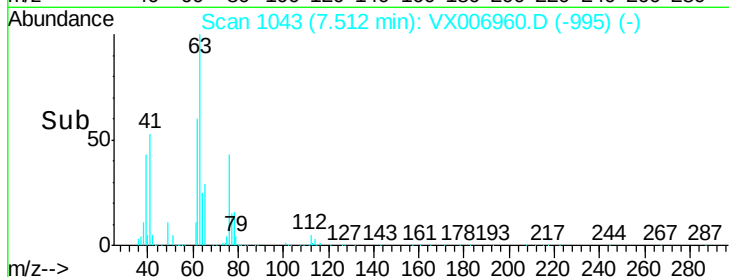
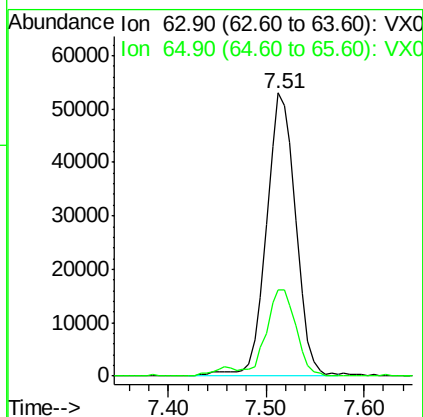
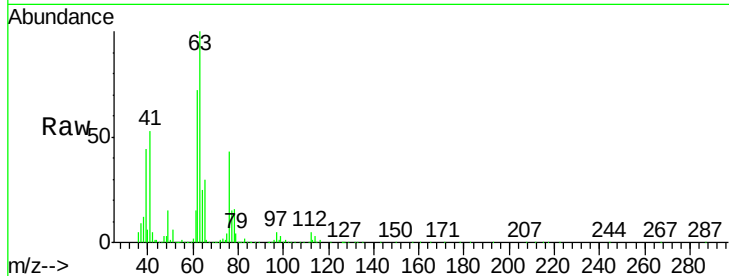
ClientSampled :

Tot Ion: 63 Resp: 111295

Ion Ratio Lower Upper

63 100

65 30.4 25.4 38.0



#46

Dibromomethane

Concen: 19.147 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

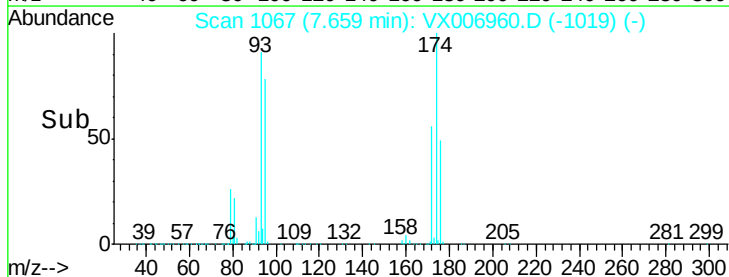
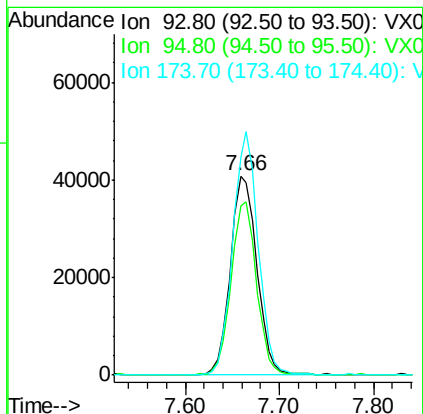
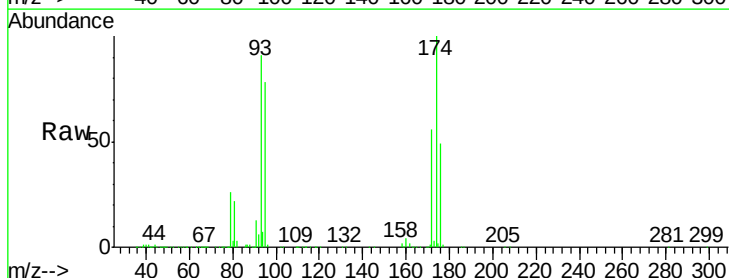
Tgt Ion: 93 Resp: 80477

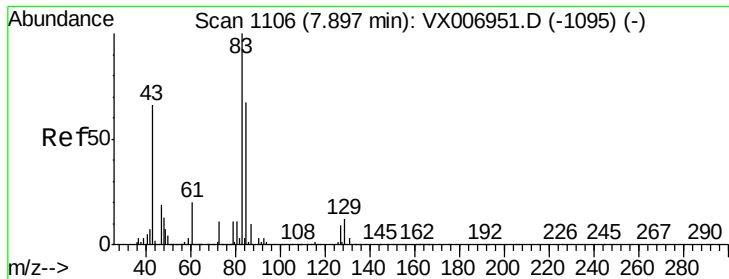
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

174 116.2 91.0 136.4





#47

Bromodichloromethane

Concen: 18.415 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :

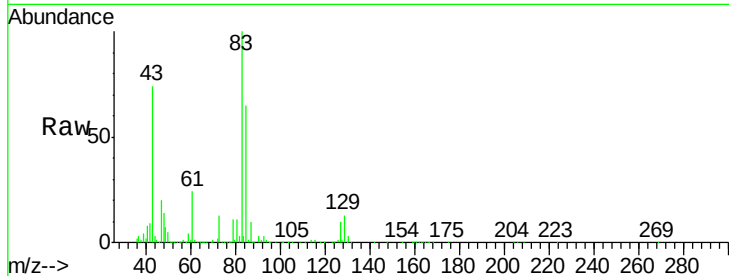
Tot Ion: 83 Resp: 131742

Ion Ratio Lower Upper

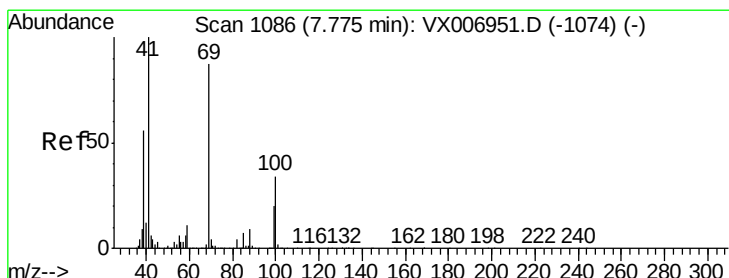
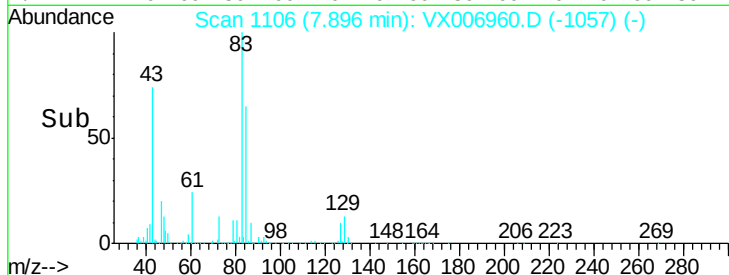
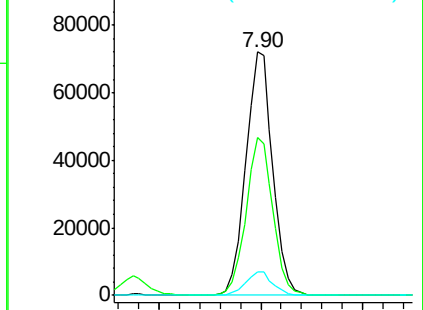
83 100

85 64.8 53.2 79.8

127 9.7 7.8 11.6



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



#48

Methyl methacrylate

Concen: 18.821 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

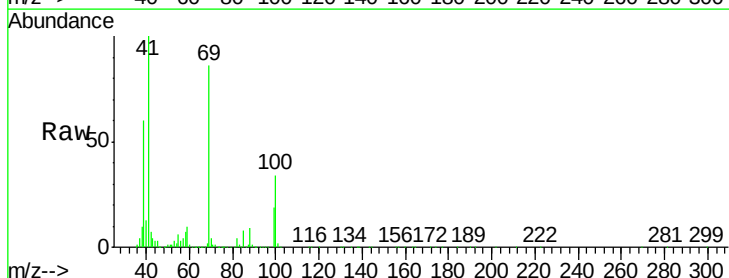
Tgt Ion: 41 Resp: 127426

Ion Ratio Lower Upper

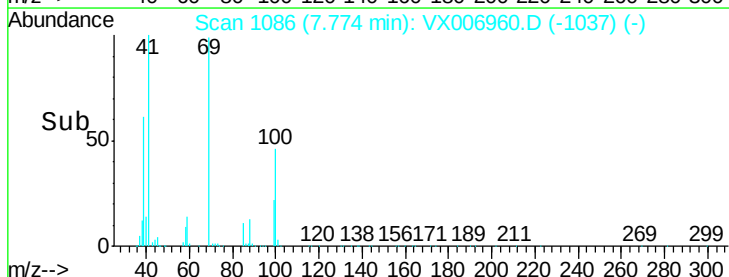
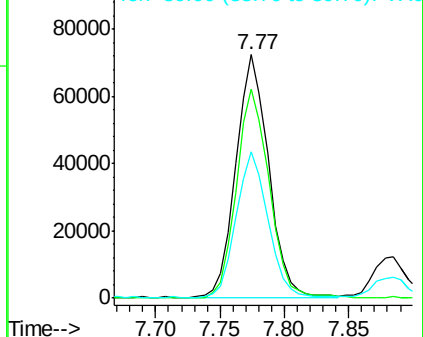
41 100

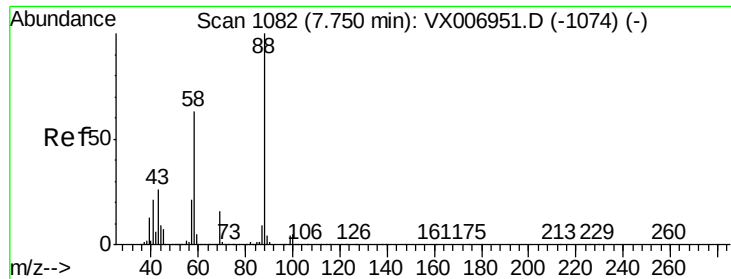
69 86.6 72.4 108.6

39 58.1 45.8 68.8



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





#49

1,4-Dioxane

Concen: 390.827 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

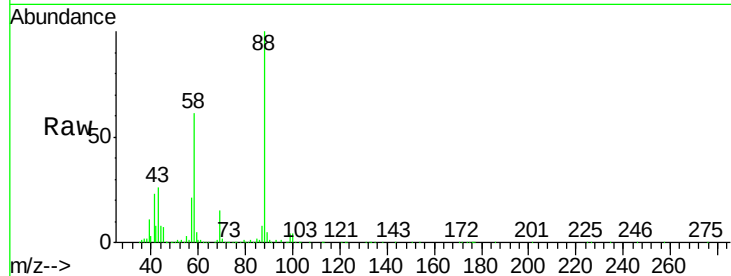
Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 61235

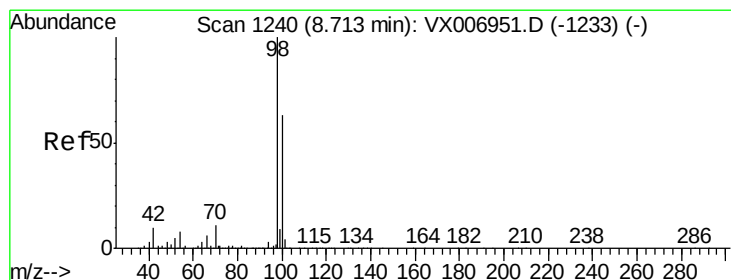
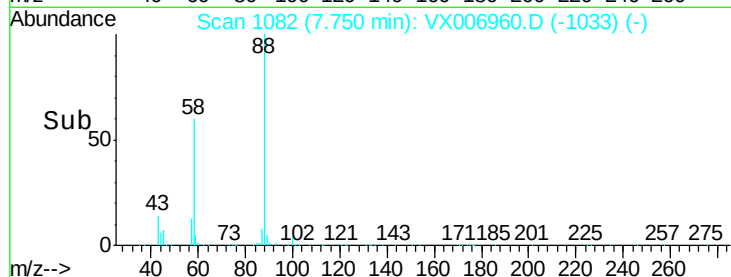
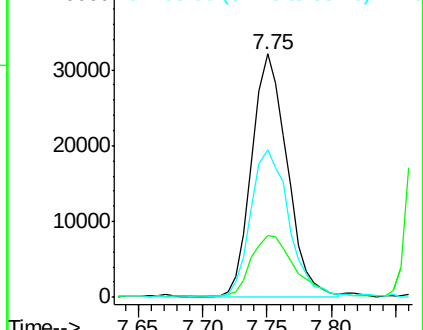
Ion	Ratio	Lower	Upper
88	100		
43	30.2	22.2	33.4
58	65.2	51.0	76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.213 ug/l

RT: 8.71 min Scan# 1240

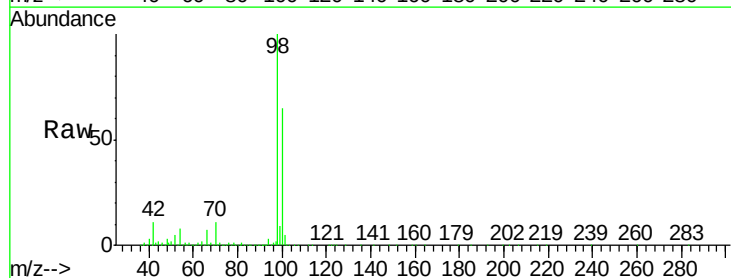
Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

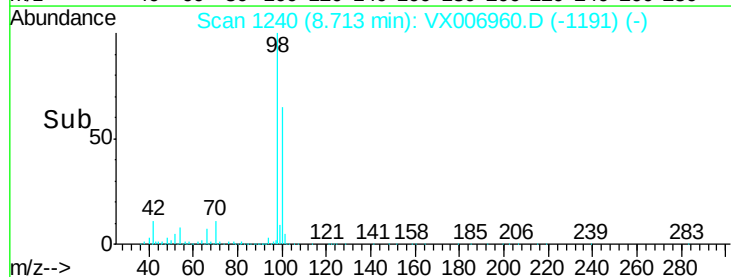
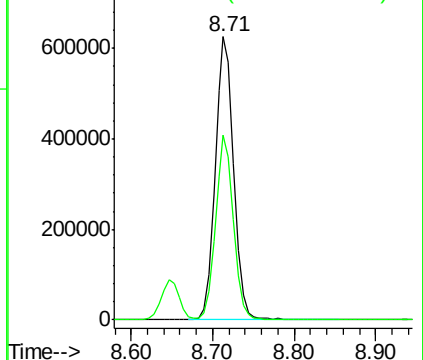
Tgt Ion: 98 Resp: 992356

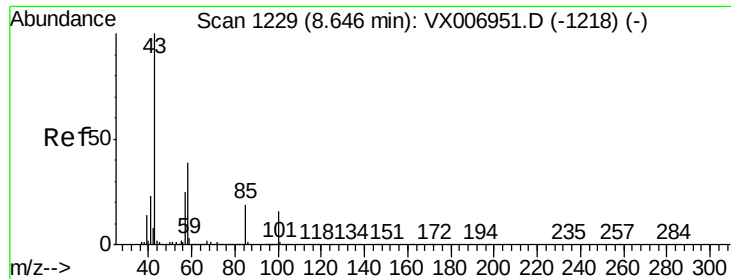
Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 96.828 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

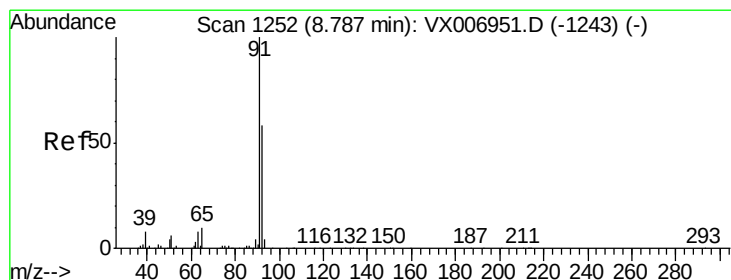
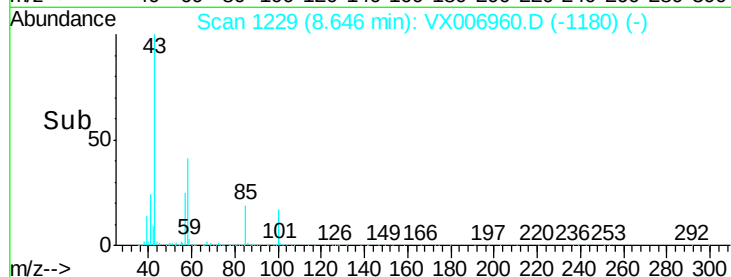
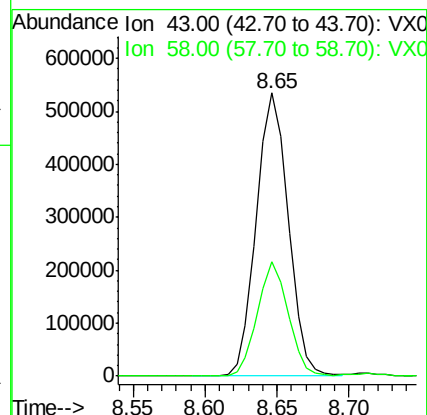
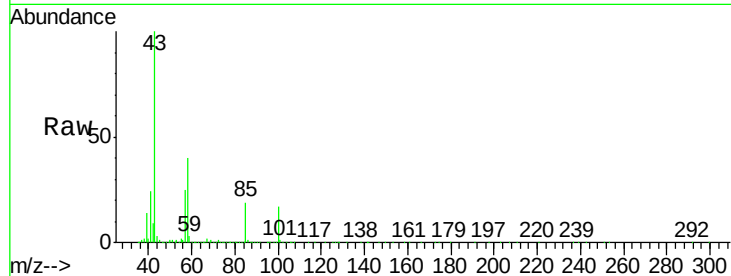
ClientSampleId :

Tot Ion: 43 Resp: 820380

Ion Ratio Lower Upper

43 100

58 39.1 31.8 47.6



#52

Toluene

Concen: 18.455 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006960.D

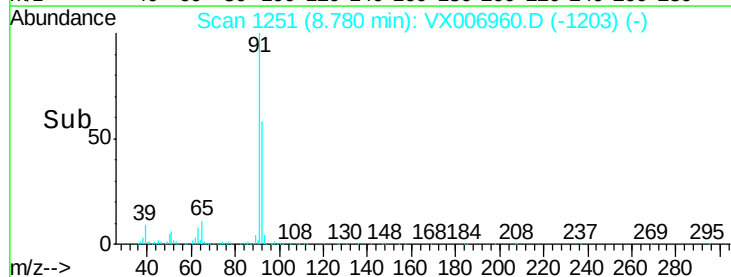
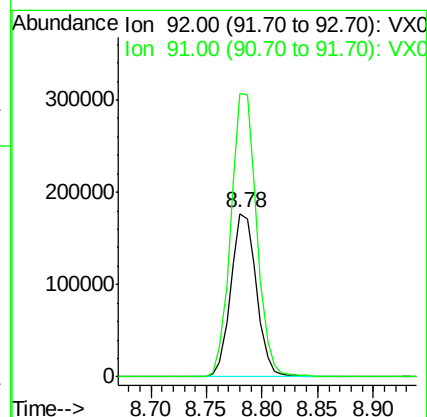
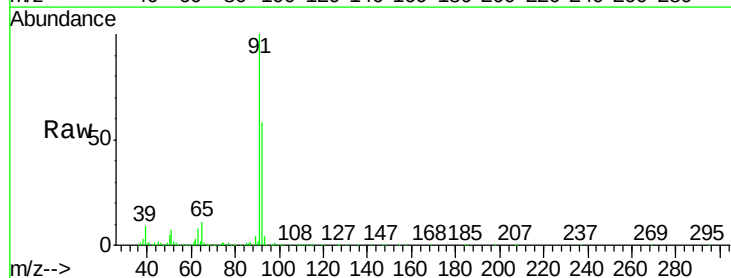
Acq: 09 Jan 2019 12:18

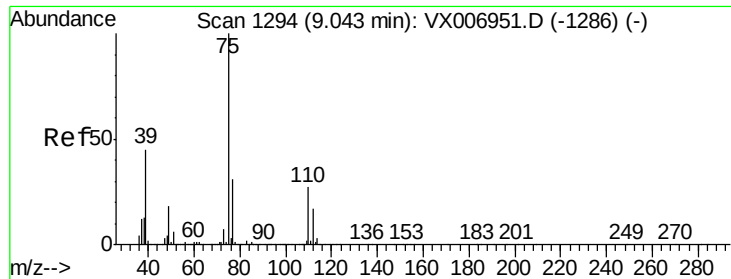
Tgt Ion: 92 Resp: 282159

Ion Ratio Lower Upper

92 100

91 174.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.630 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

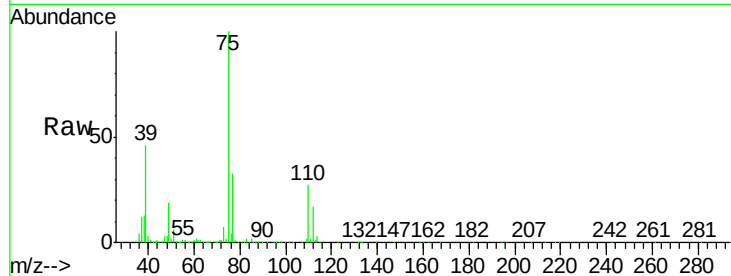
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 147792

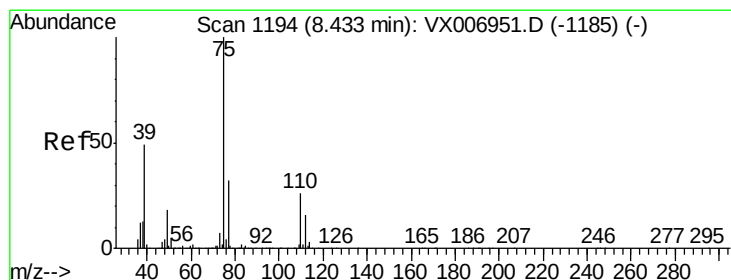
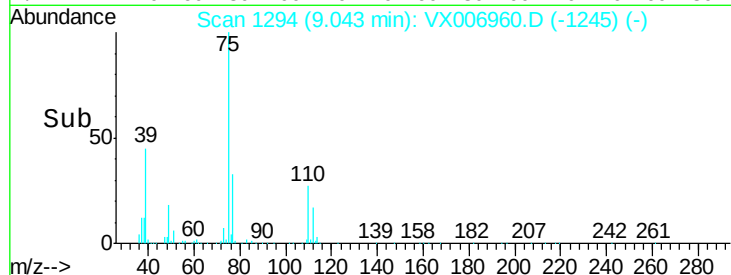
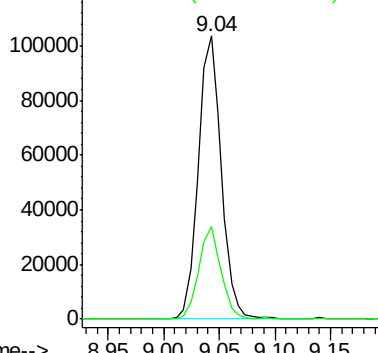
Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.730 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

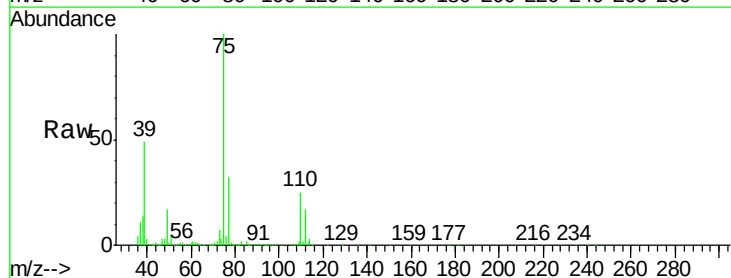
Tgt Ion: 75 Resp: 164091

Ion Ratio Lower Upper

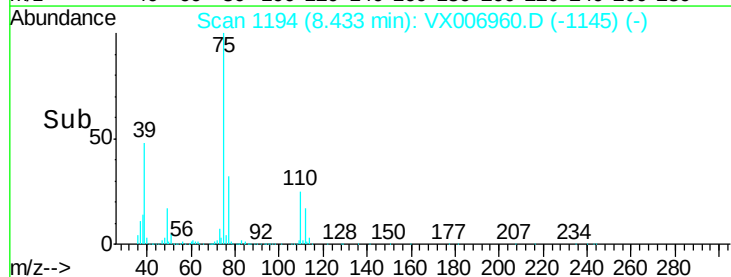
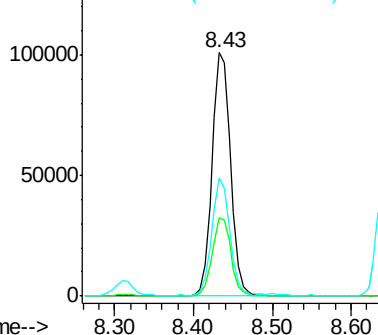
75 100

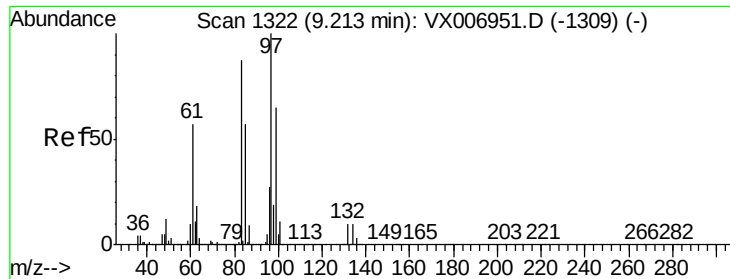
77 31.8 26.2 39.2

39 48.5 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.541 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 119585

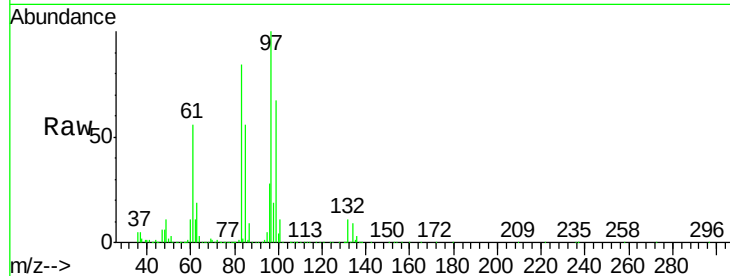
Ion Ratio Lower Upper

97 100

83 83.8 66.6 99.8

85 56.0 42.7 64.1

99 66.9 50.8 76.2

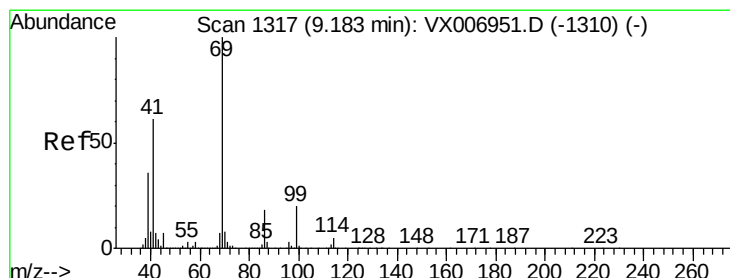
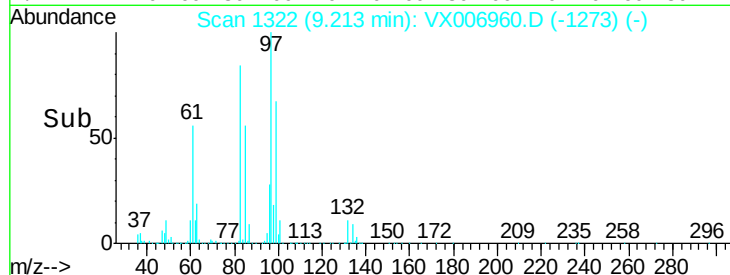
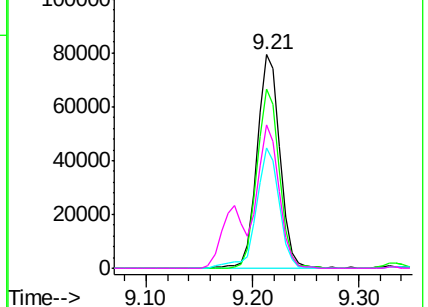


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.964 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

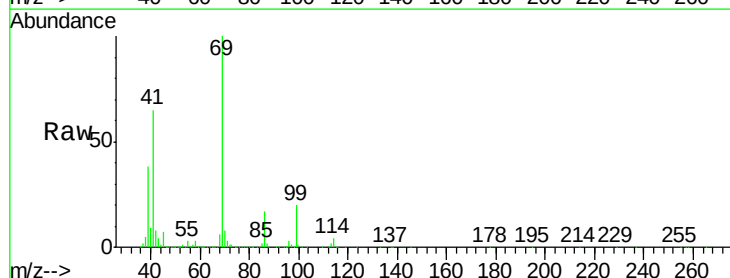
Tgt Ion: 69 Resp: 169424

Ion Ratio Lower Upper

69 100

41 64.4 48.7 73.1

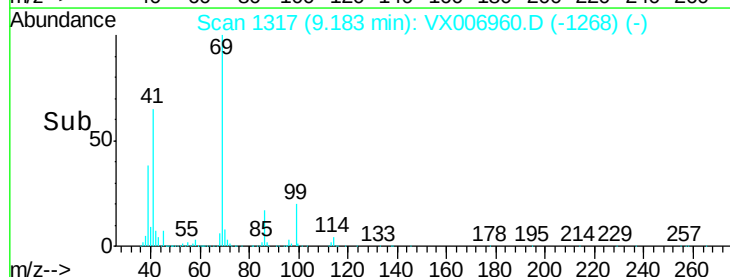
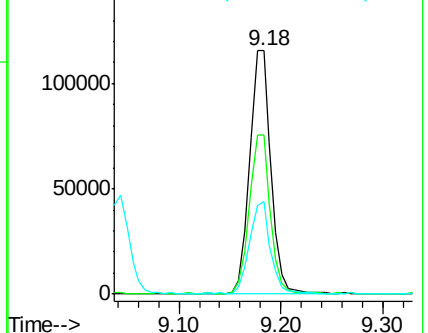
39 36.6 27.0 40.6

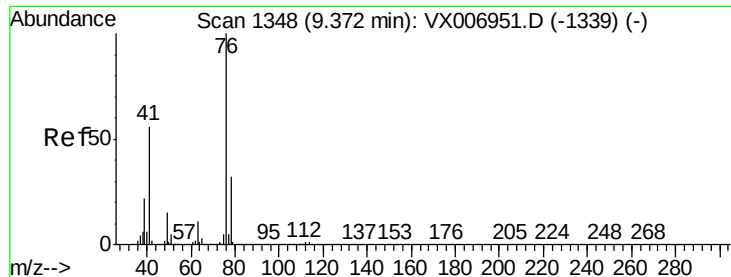


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.991 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

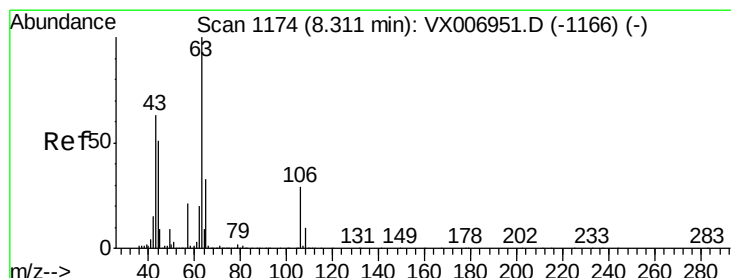
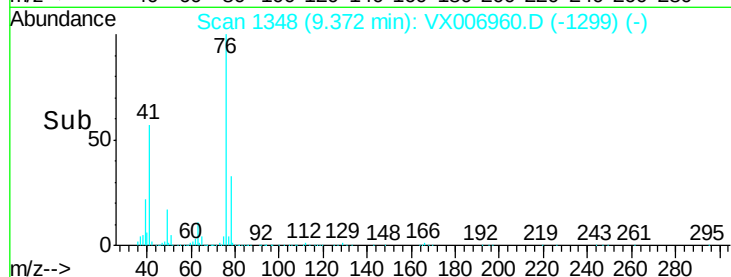
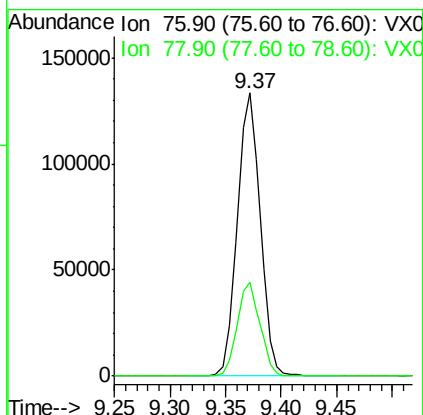
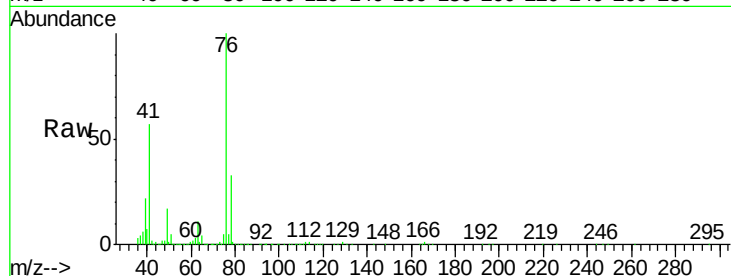
ClientSampleId :

Tot Ion: 76 Resp: 190404

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 96.983 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006960.D

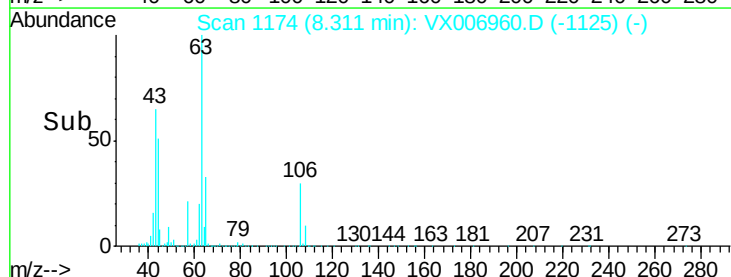
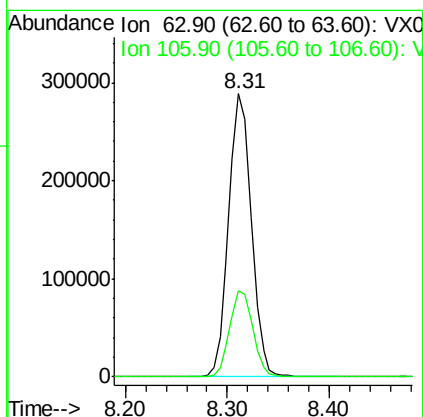
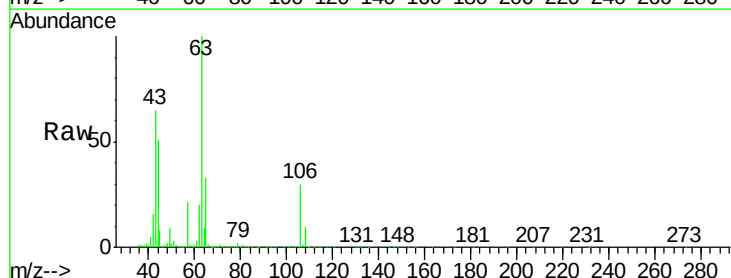
Acq: 09 Jan 2019 12:18

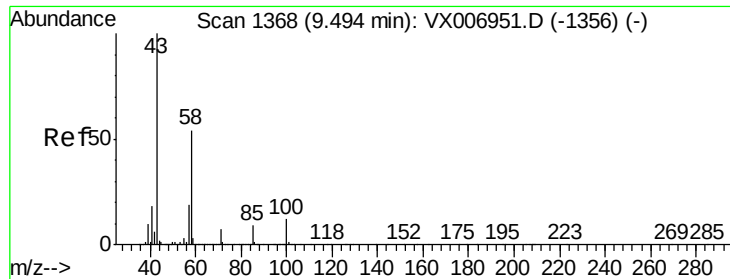
Tgt Ion: 63 Resp: 445490

Ion Ratio Lower Upper

63 100

106 31.1 24.6 36.8

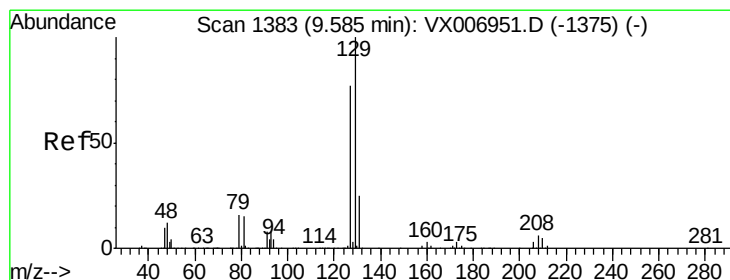
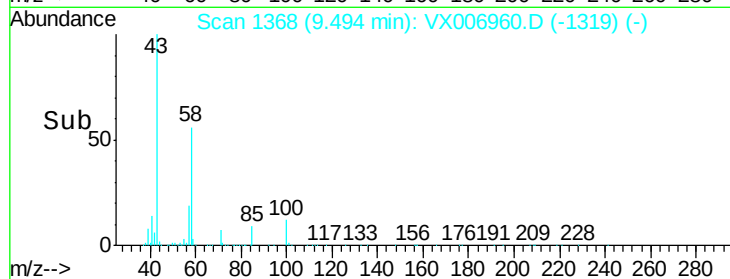
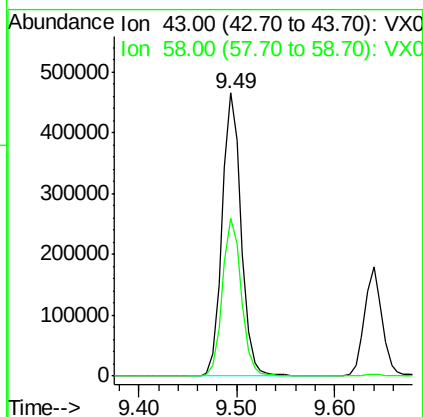
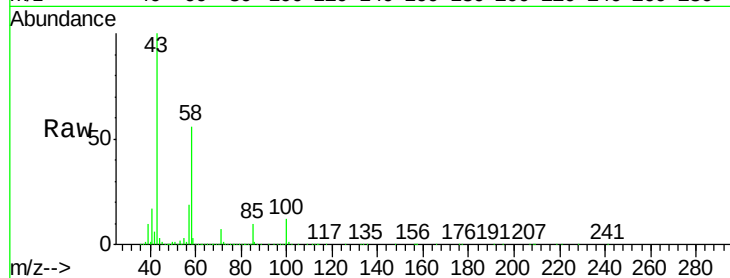




#59
2-Hexanone
Concen: 97.008 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

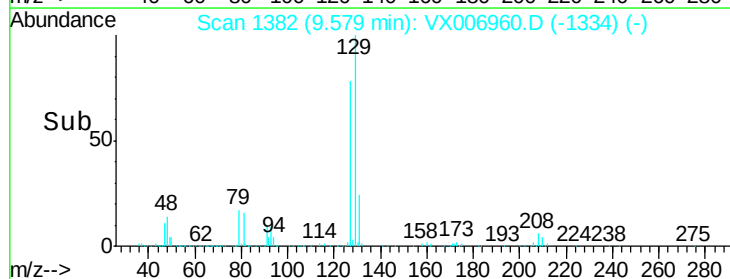
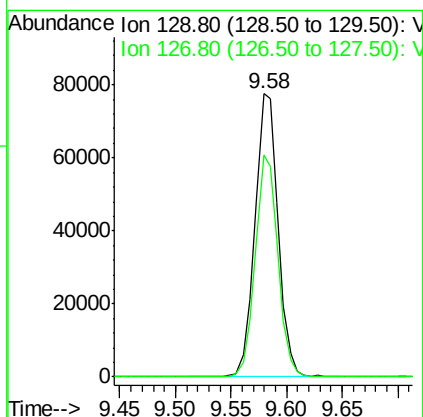
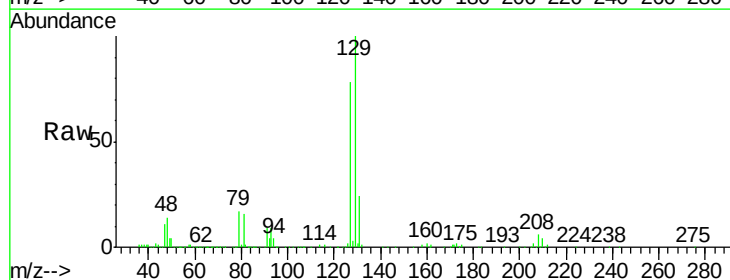
Instrument :
MSVOA_X
ClientSampled :

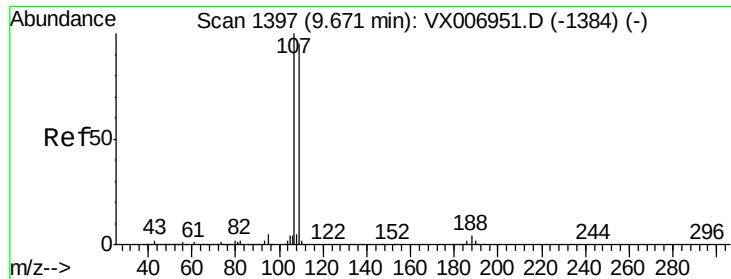
Tot Ion: 43 Resp: 626338
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.1



#60
Dibromochloromethane
Concen: 18.956 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

Tgt Ion: 129 Resp: 112646
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.014 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

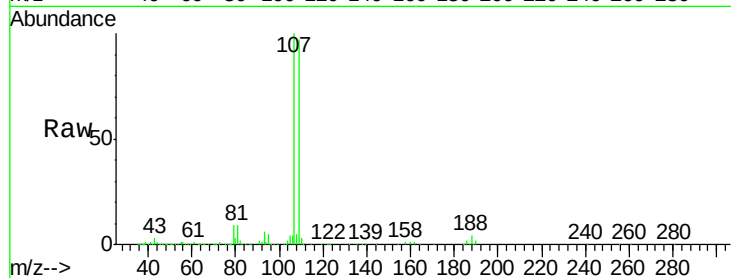
ClientSampleId :

Tot Ion:107 Resp: 128100

Ion Ratio Lower Upper

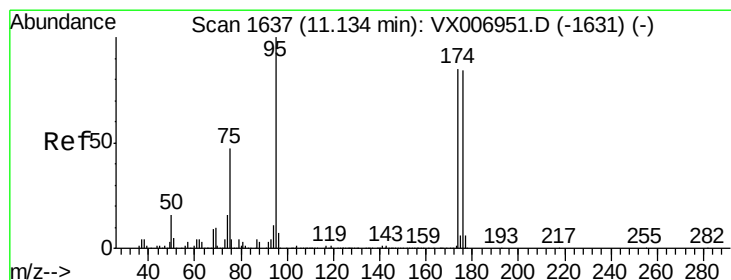
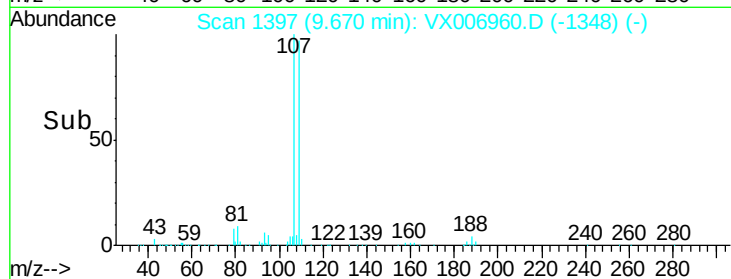
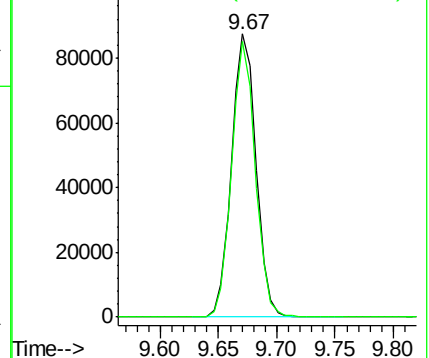
107 100

109 94.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.289 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

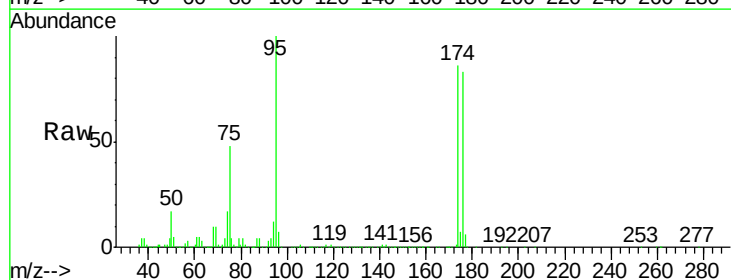
Tgt Ion: 95 Resp: 346518

Ion Ratio Lower Upper

95 100

174 93.3 0.0 182.2

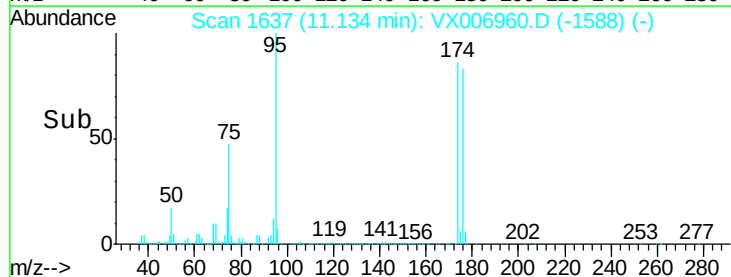
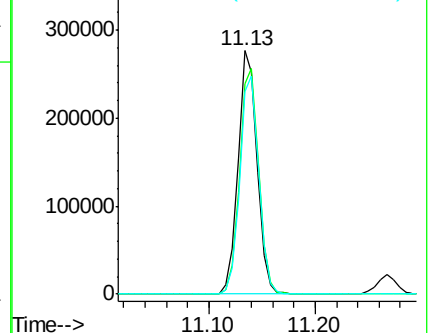
176 89.9 0.0 178.8

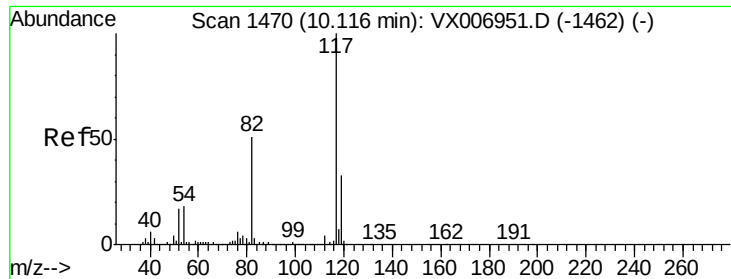


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

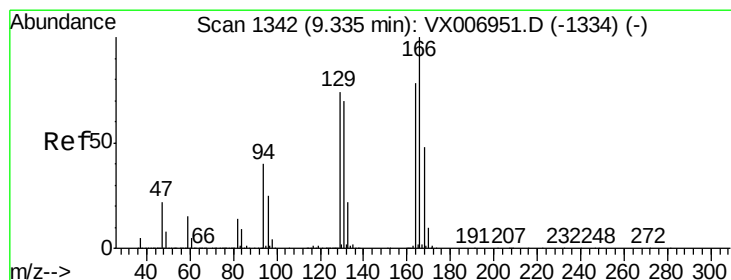
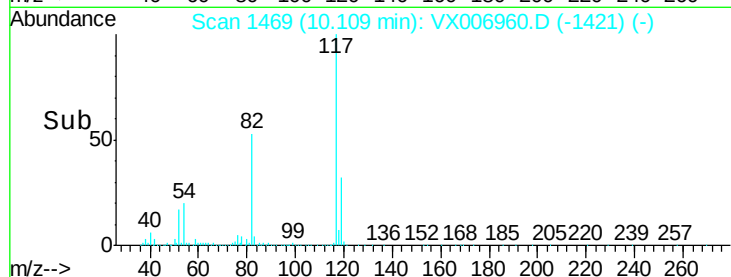
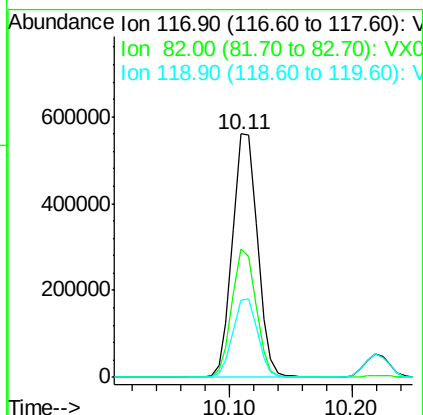
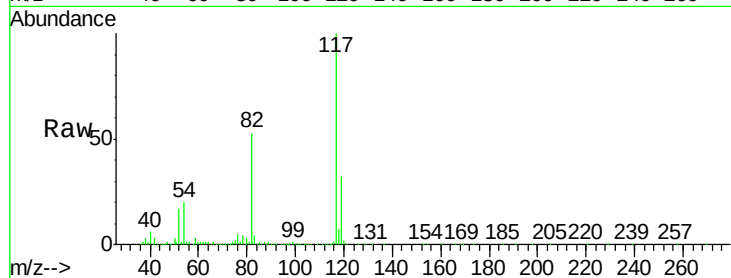




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

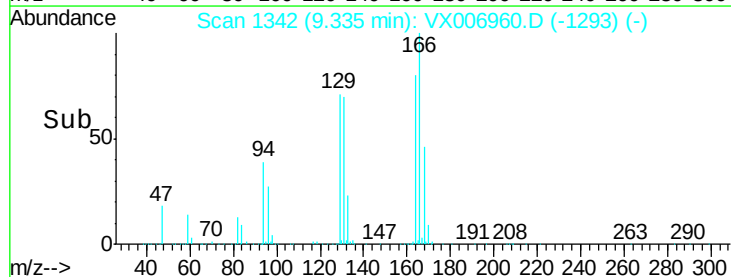
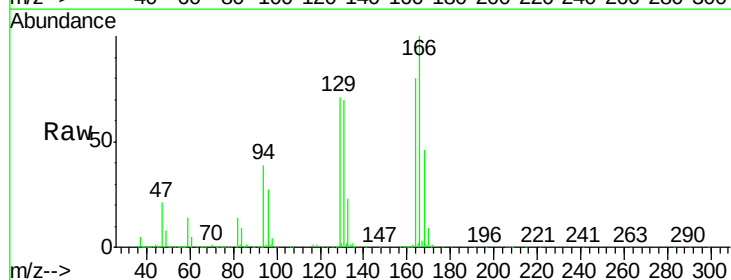
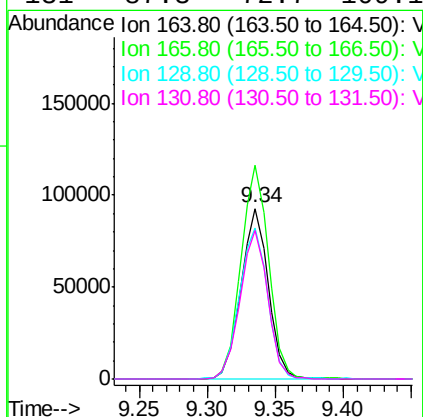
Instrument :
MSVOA_X
ClientSampleId :

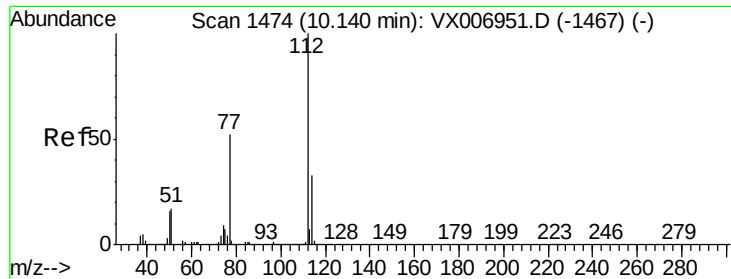
Tot Ion:117 Resp: 792734
Ion Ratio Lower Upper
117 100
82 52.6 41.0 61.6
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 18.987 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

Tgt Ion:164 Resp: 130314
Ion Ratio Lower Upper
164 100
166 125.5 102.5 153.7
129 89.0 75.1 112.7
131 87.3 72.7 109.1

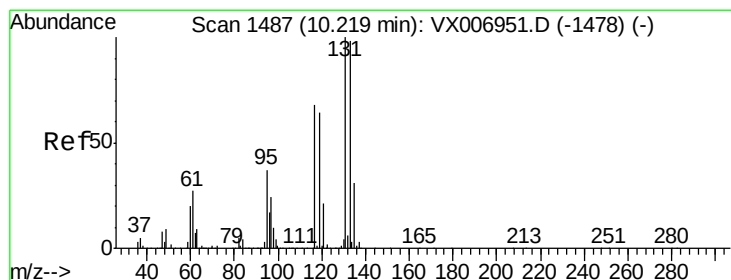
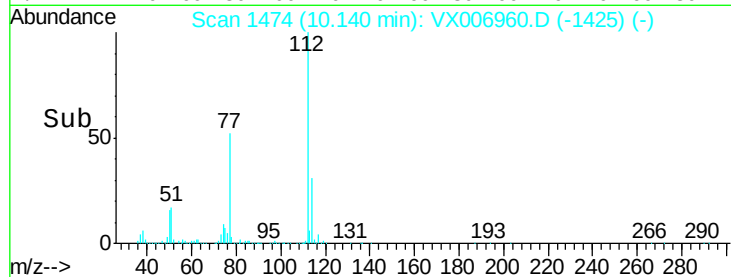
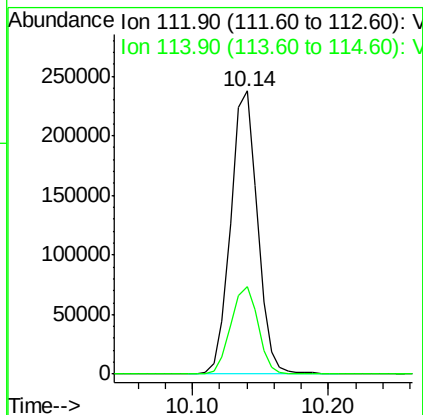
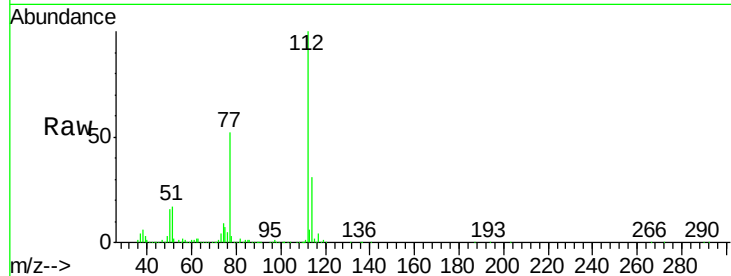




#65
Chlorobenzene
Concen: 18.923 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

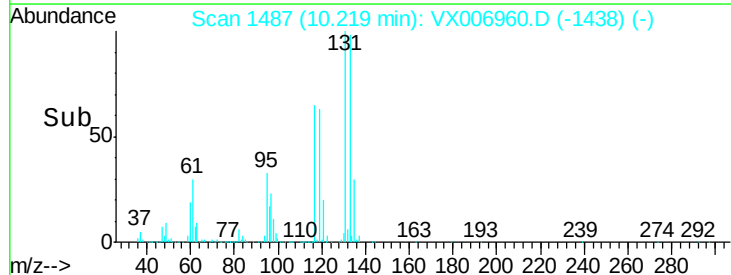
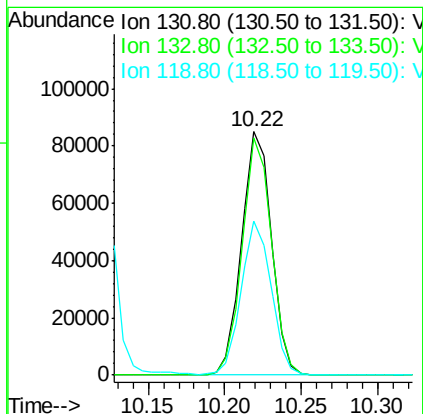
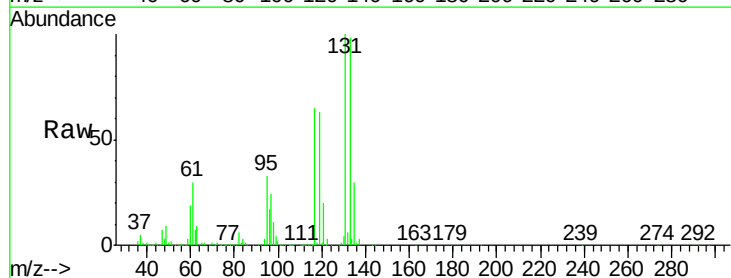
Instrument :
MSVOA_X
ClientSampled :

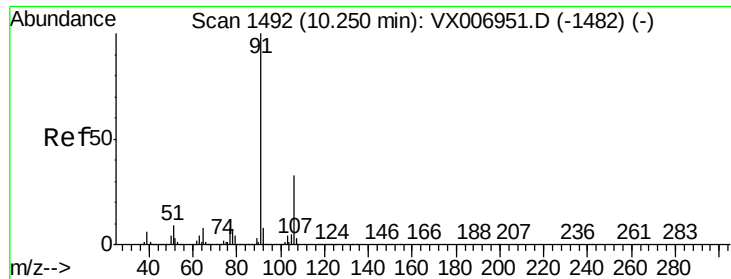
Tot Ion:112 Resp: 327177
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.870 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

Tgt Ion:131 Resp: 115569
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.2
119 63.2 32.6 97.8

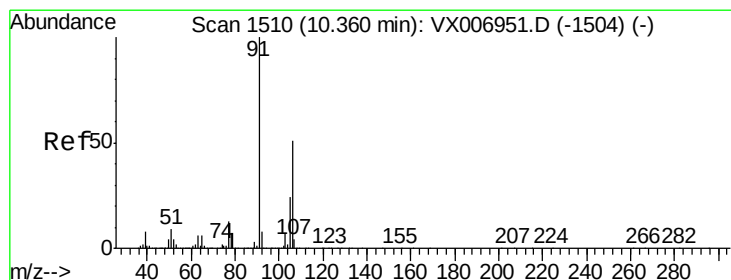
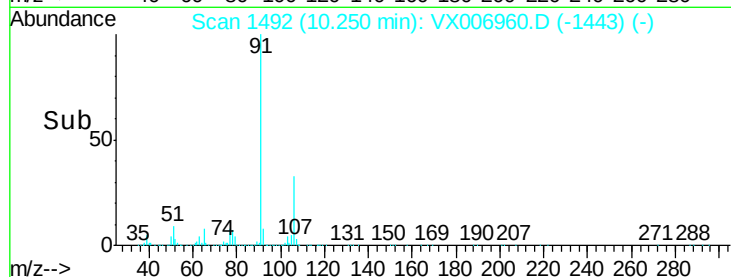
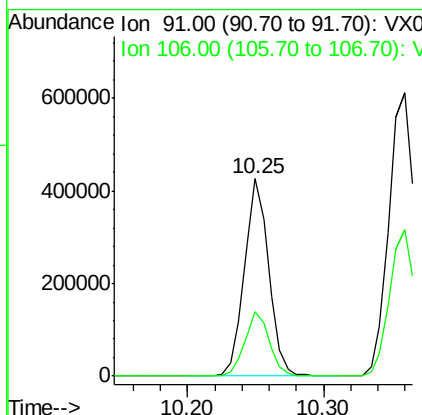
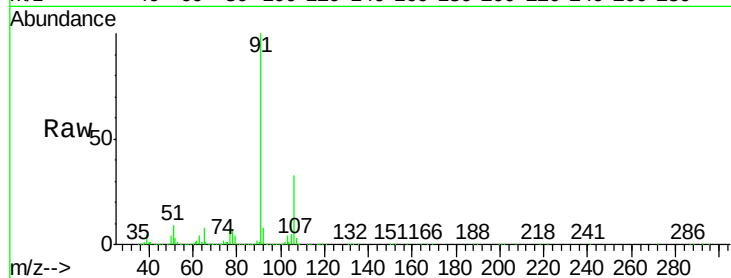




#67
Ethyl Benzene
Concen: 18.714 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

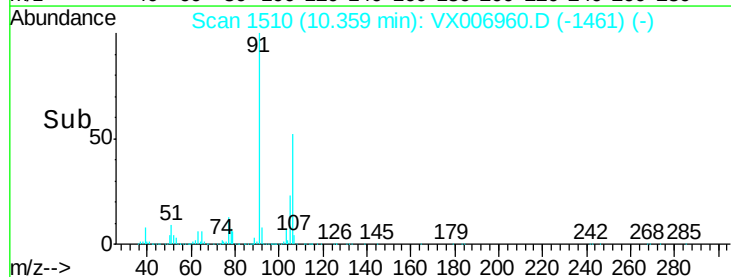
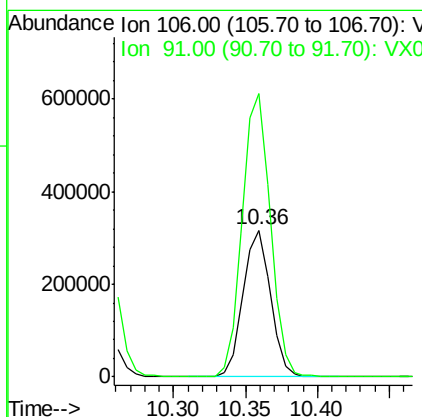
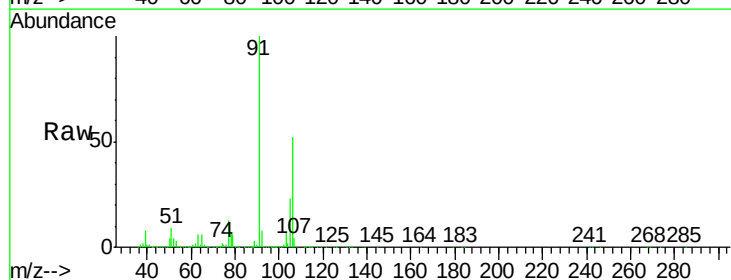
Instrument :
MSVOA_X
ClientSampleId :

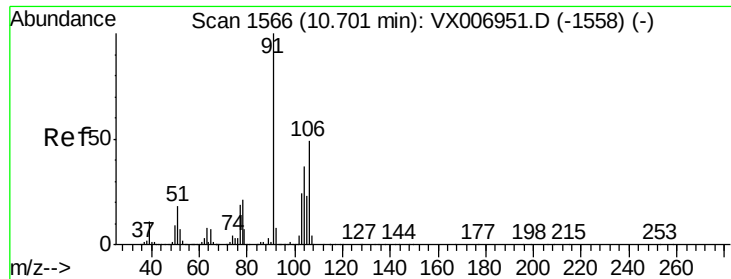
Tot Ion: 91 Resp: 534158
Ion Ratio Lower Upper
91 100
106 32.6 26.4 39.6



#68
m/p-Xylenes
Concen: 37.188 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

Tgt Ion: 106 Resp: 418208
Ion Ratio Lower Upper
106 100
91 198.5 155.8 233.6





#69

o-Xylene

Concen: 18.770 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

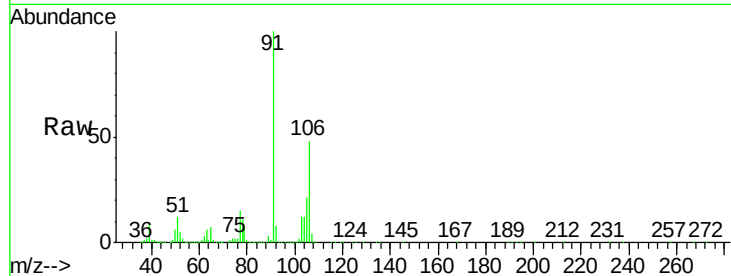
ClientSampleId :

Tot Ion:106 Resp: 205861

Ion Ratio Lower Upper

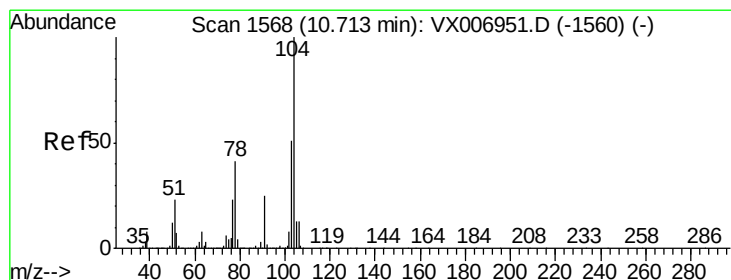
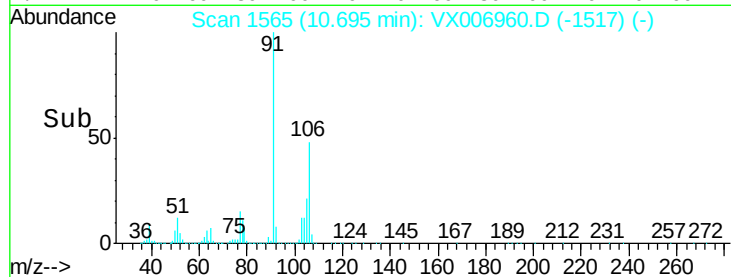
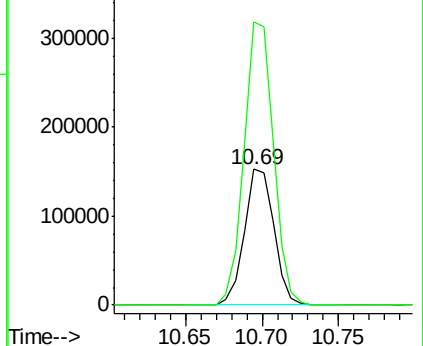
106 100

91 207.0 101.3 303.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 18.795 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

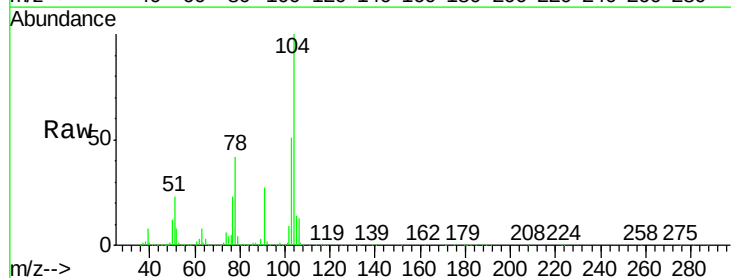
Tgt Ion:104 Resp: 326469

Ion Ratio Lower Upper

104 100

78 48.8 37.7 56.5

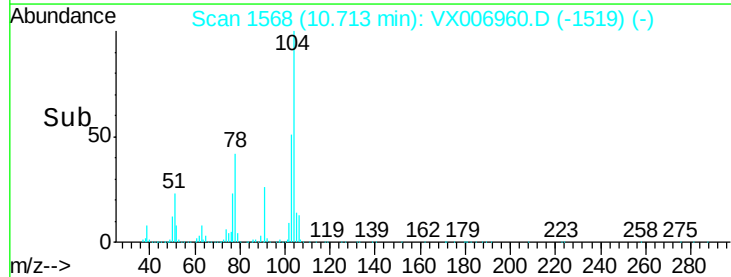
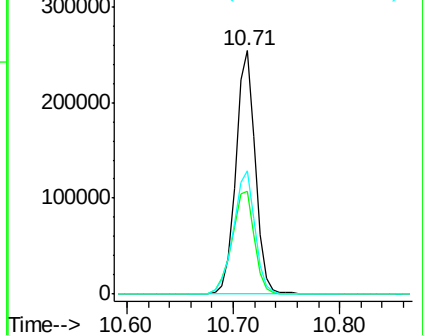
103 55.9 43.8 65.8

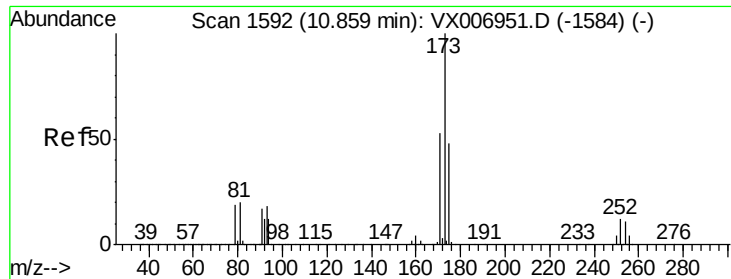


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.013 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

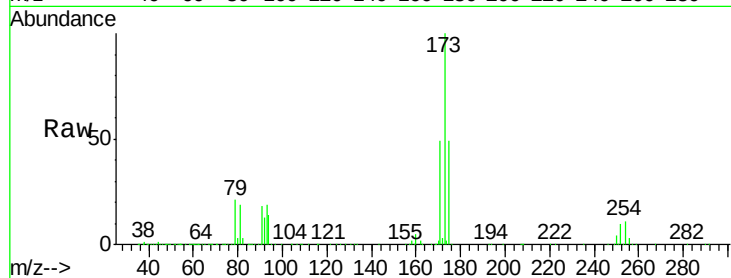
Tot Ion:173 Resp: 82100

Ion Ratio Lower Upper

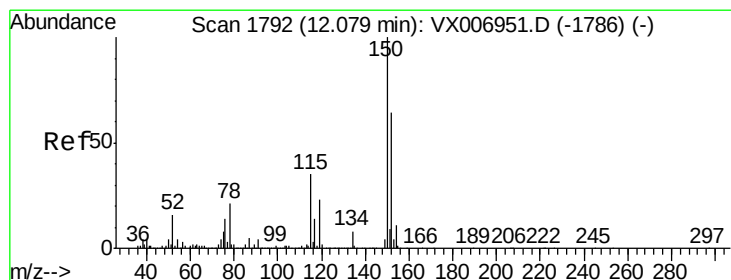
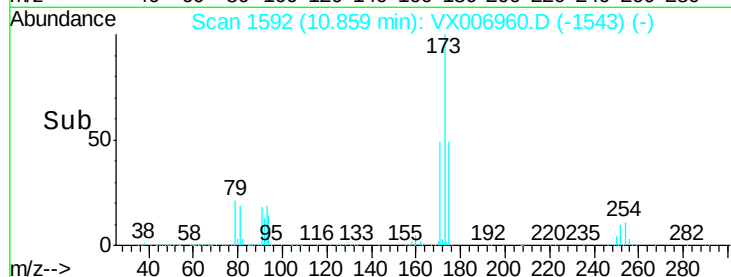
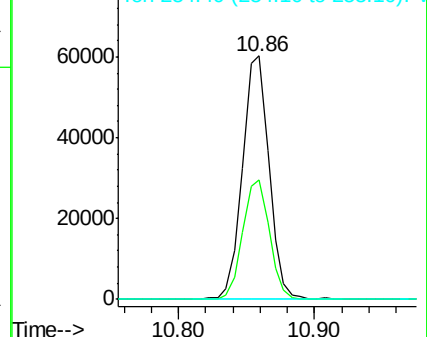
173 100

175 49.3 24.7 74.1

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

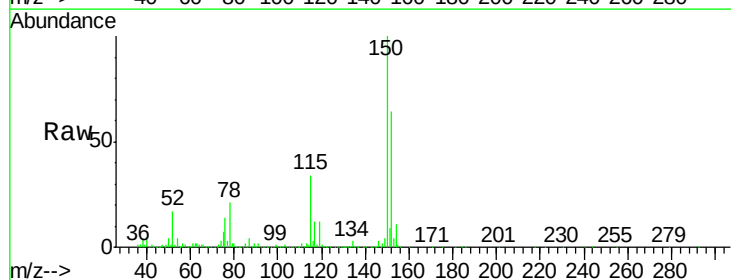
Tgt Ion:152 Resp: 399066

Ion Ratio Lower Upper

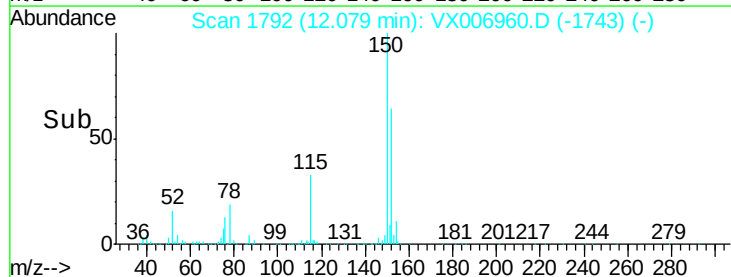
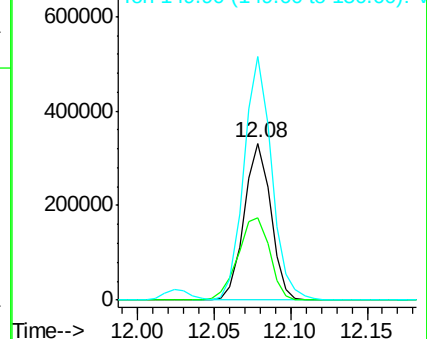
152 100

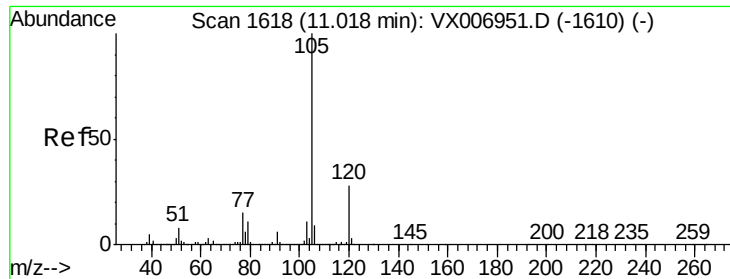
115 63.0 39.1 117.2

150 162.3 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: 19.418 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

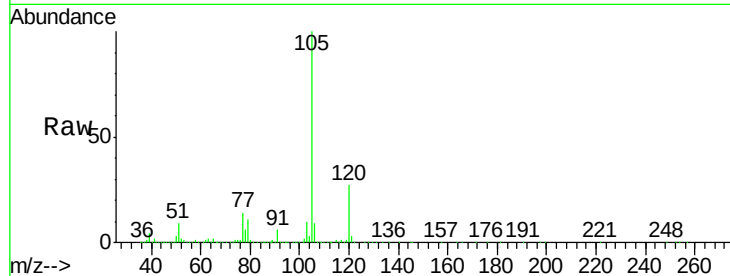
ClientSampleId :

Tot Ion:105 Resp: 546424

Ion Ratio Lower Upper

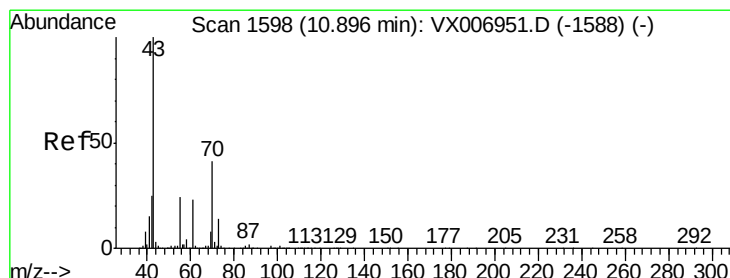
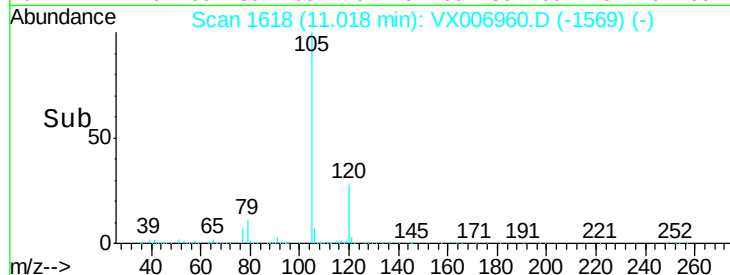
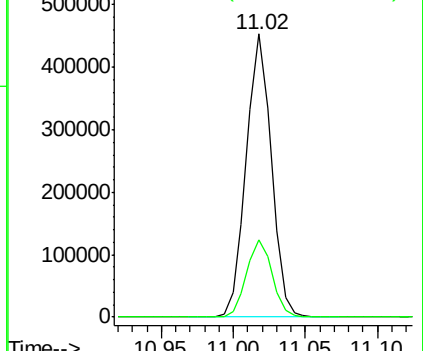
105 100

120 27.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.054 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Tgt Ion: 43 Resp: 215875

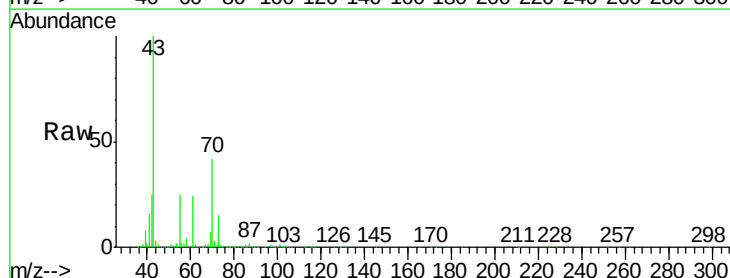
Ion Ratio Lower Upper

43 100

70 42.7 35.8 53.8

55 25.3 19.4 29.0

61 24.6 20.1 30.1

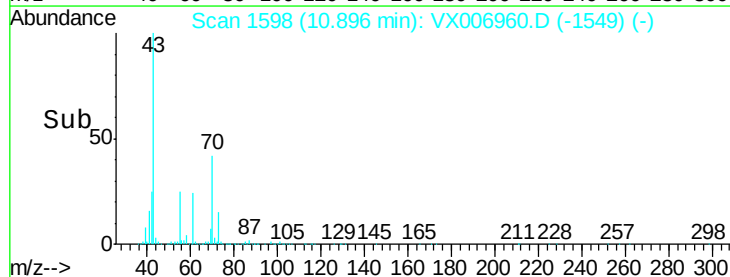
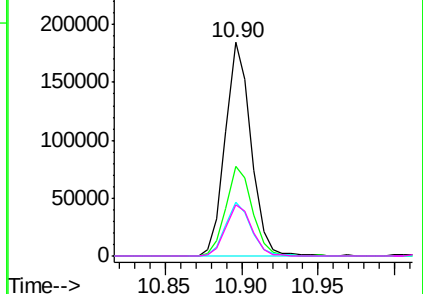


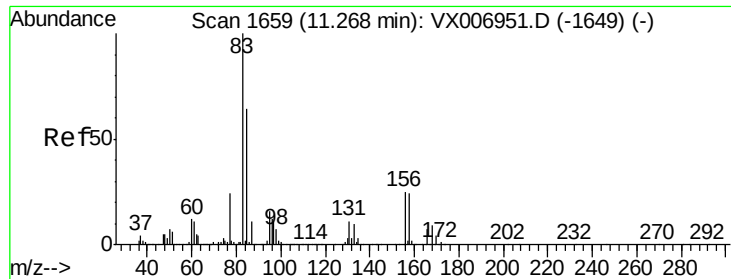
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.297 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

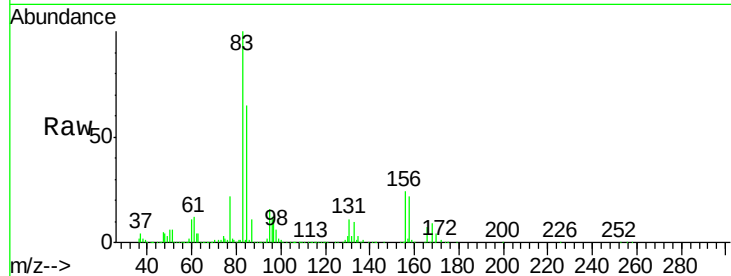
Tot Ion: 83 Resp: 172390

Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.7	17.1
85	64.7	32.2	96.6

83 100

131 11.1 5.7 17.1

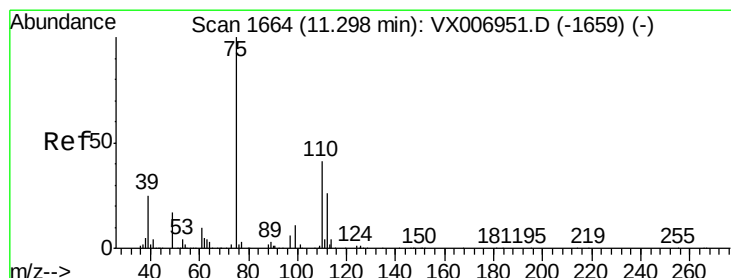
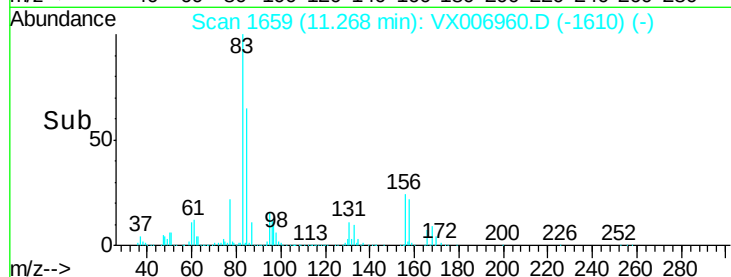
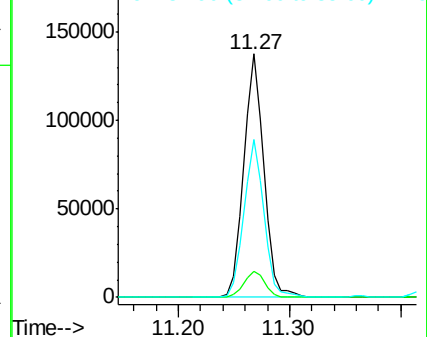
85 64.7 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.819 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006960.D

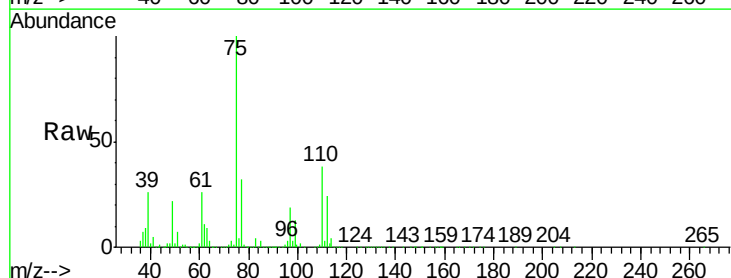
Acq: 09 Jan 2019 12:18

Tgt Ion: 75 Resp: 192623

Ion	Ratio	Lower	Upper
75	100		
77	31.3	18.5	55.5

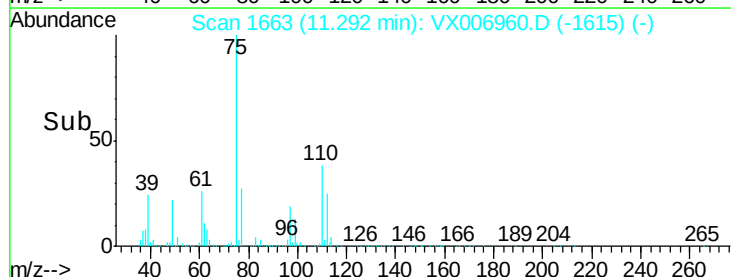
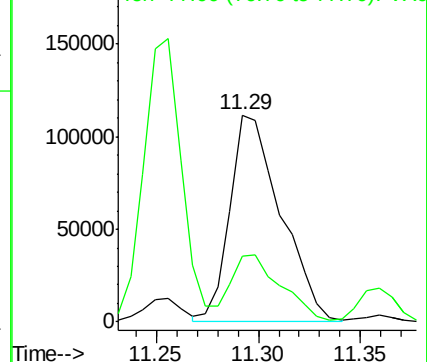
75 100

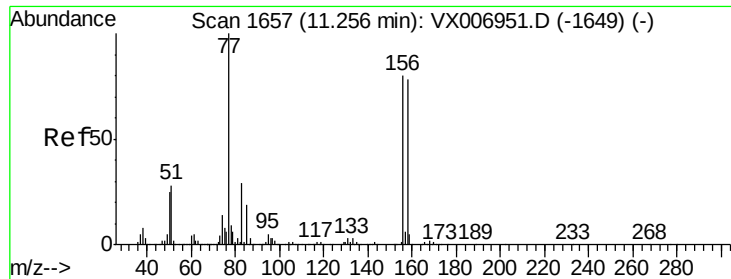
77 31.3 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.413 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

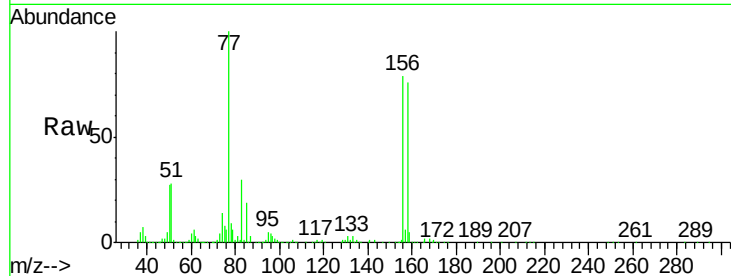
Tot Ion:156 Resp: 150520

Ion Ratio Lower Upper

156 100

77 132.4 68.0 204.0

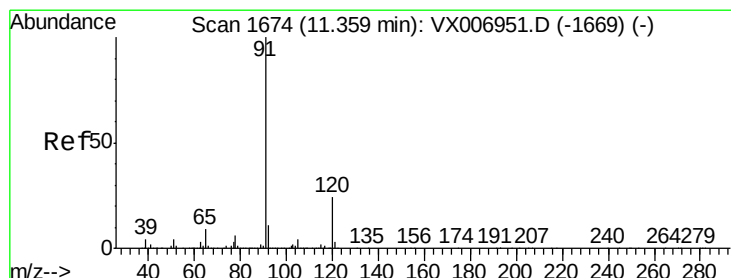
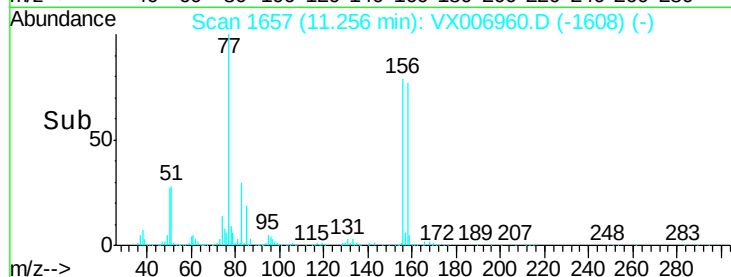
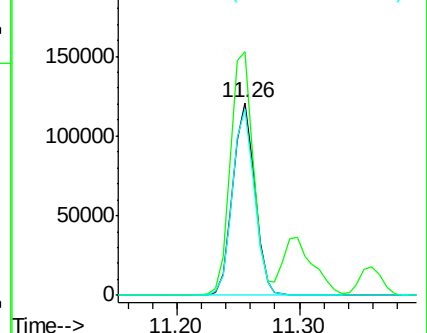
158 96.4 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.400 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006960.D

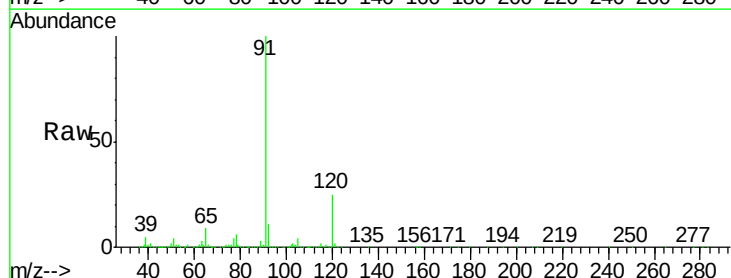
Acq: 09 Jan 2019 12:18

Tgt Ion: 91 Resp: 599284

Ion Ratio Lower Upper

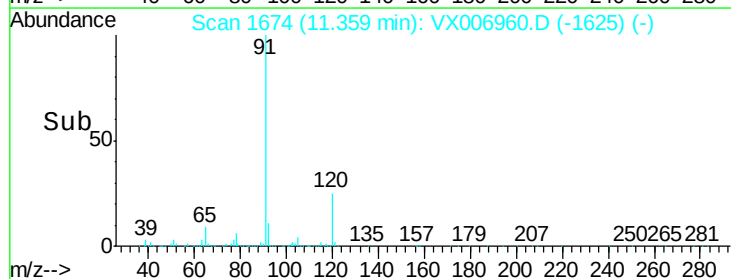
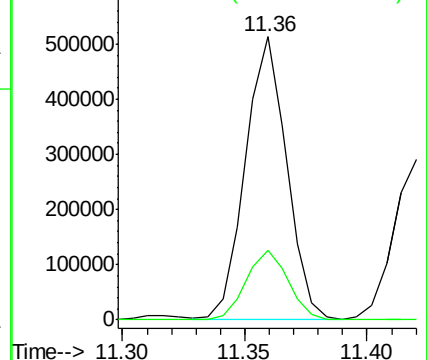
91 100

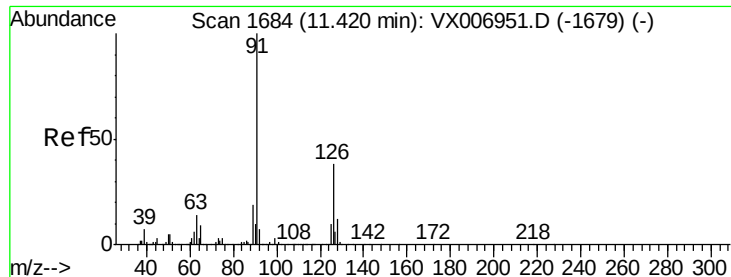
120 25.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.080 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

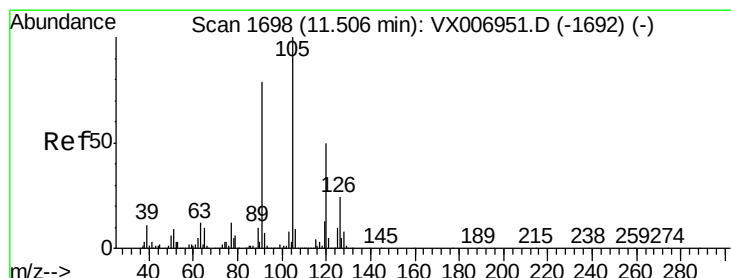
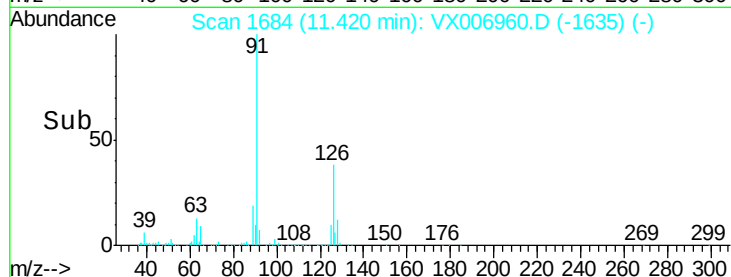
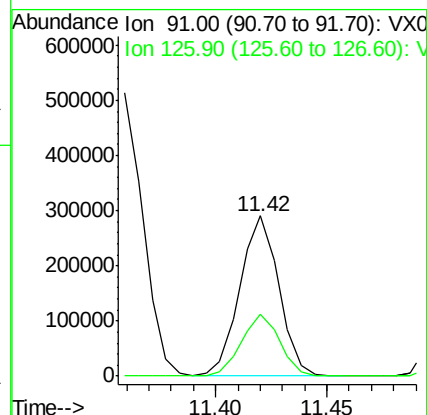
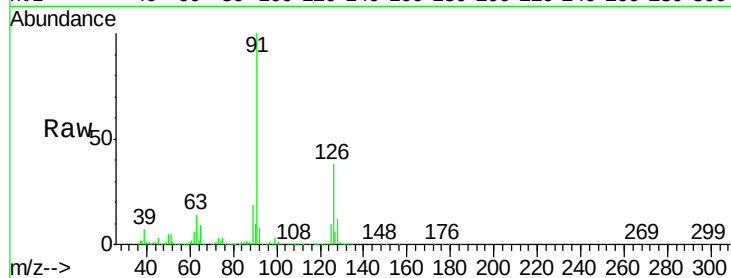
ClientSampled :

Tot Ion: 91 Resp: 354801

Ion Ratio Lower Upper

91 100

126 38.1 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 19.111 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006960.D

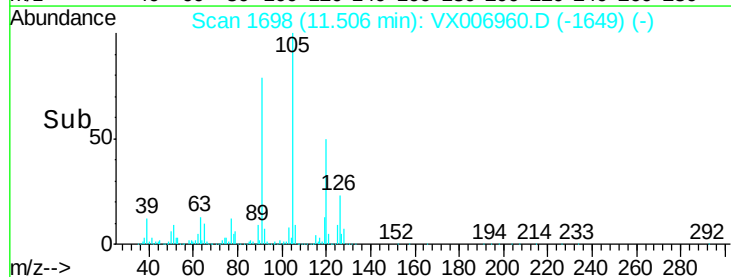
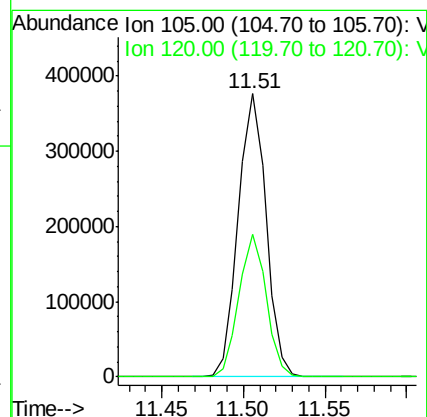
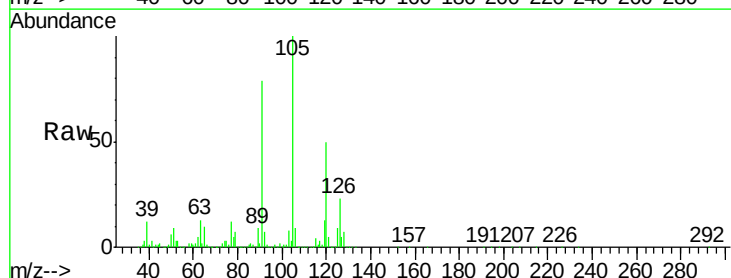
Acq: 09 Jan 2019 12:18

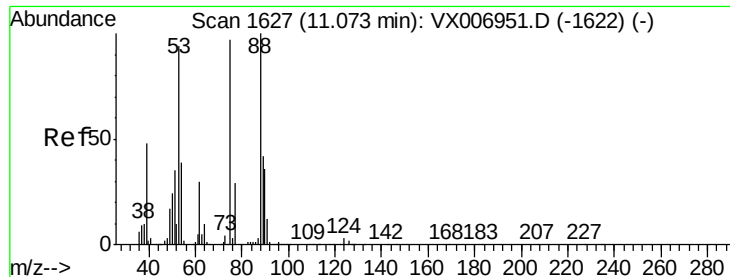
Tgt Ion: 105 Resp: 449360

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.512 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

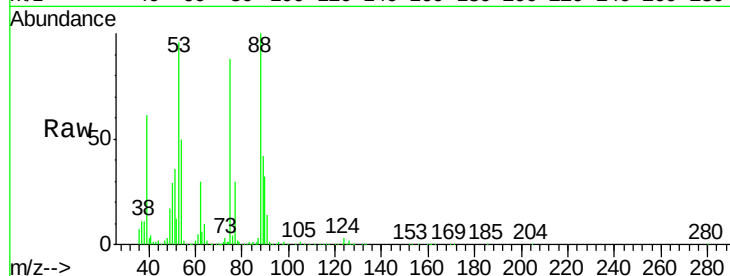
Tot Ion: 75 Resp: 42700

Ion Ratio Lower Upper

75 100

53 106.0 79.7 119.5

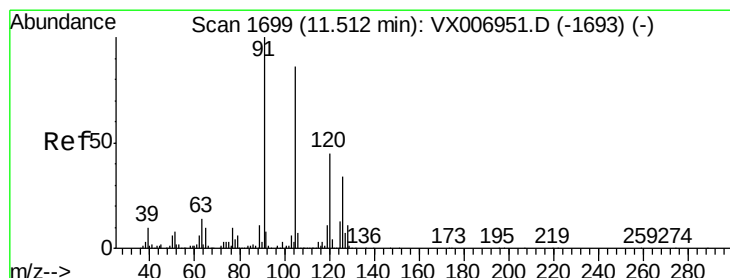
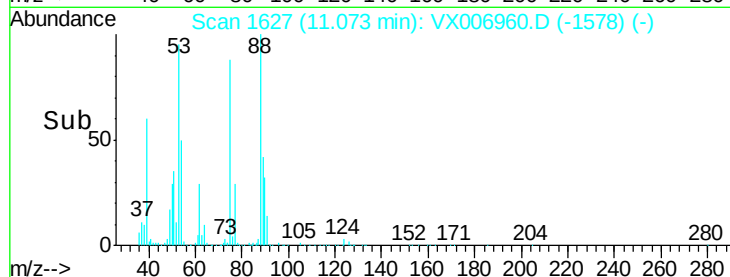
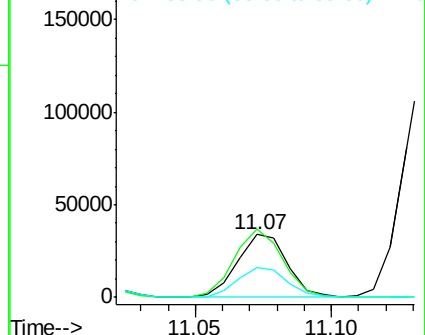
89 48.4 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.097 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006960.D

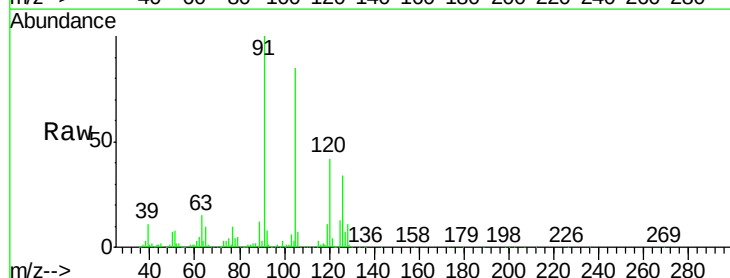
Acq: 09 Jan 2019 12:18

Tgt Ion: 91 Resp: 411161

Ion Ratio Lower Upper

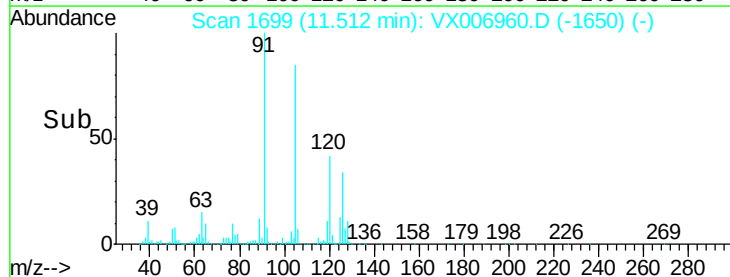
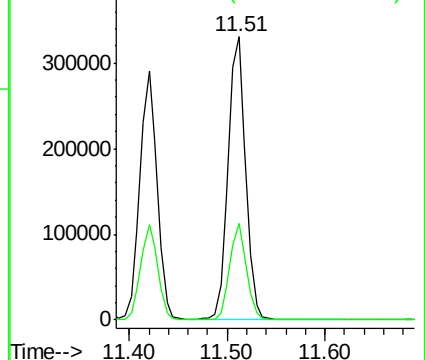
91 100

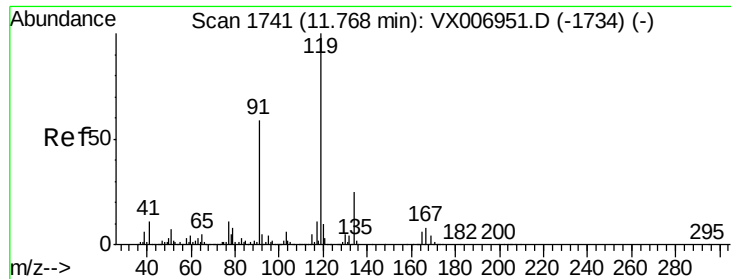
126 32.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.200 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

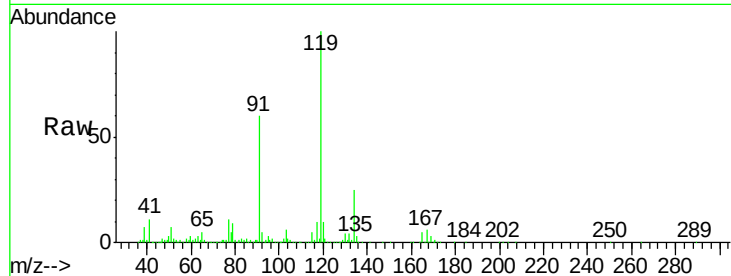
Tot Ion:119 Resp: 450420

Ion Ratio Lower Upper

119 100

91 55.5 27.7 83.1

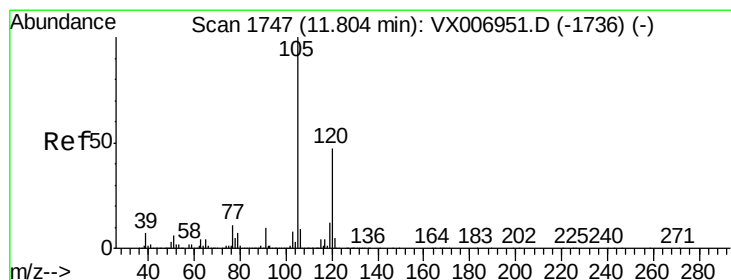
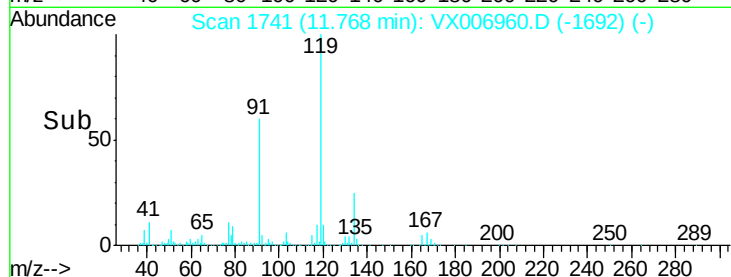
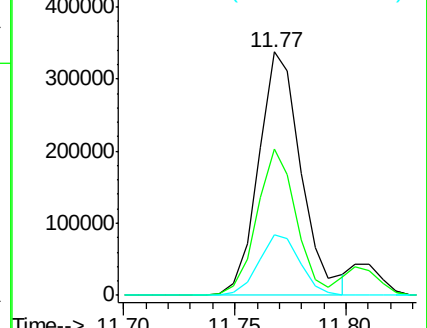
134 24.0 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.491 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006960.D

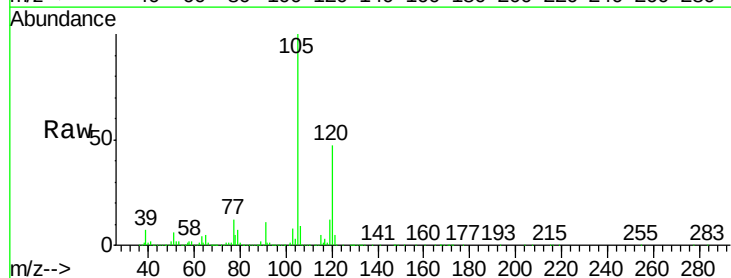
Acq: 09 Jan 2019 12:18

Tgt Ion:105 Resp: 460850

Ion Ratio Lower Upper

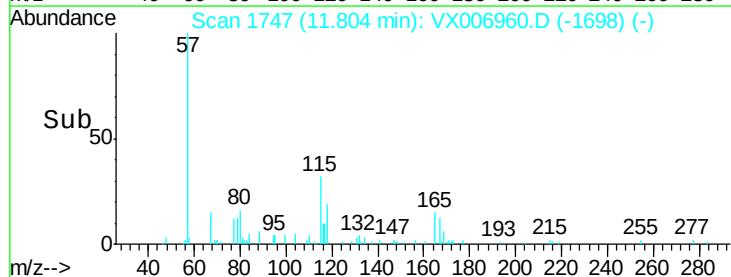
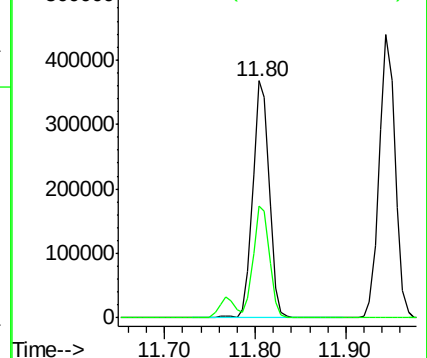
105 100

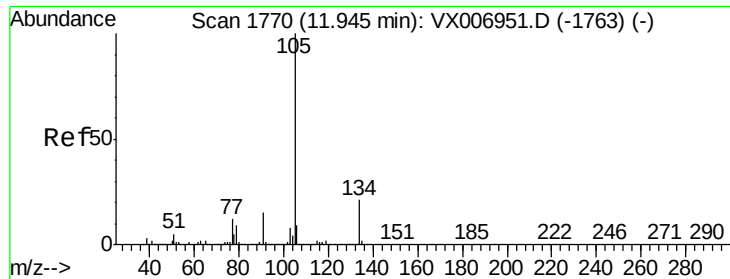
120 46.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.124 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

Instrument :

MSVOA_X

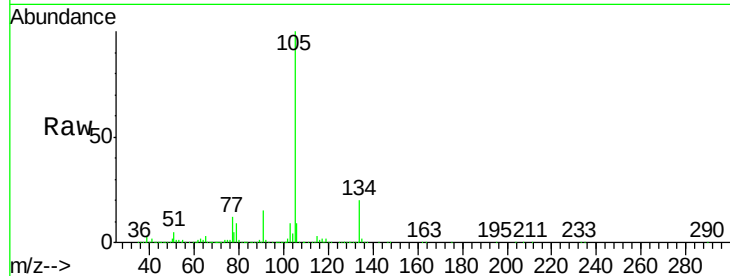
ClientSampled :

Tot Ion:105 Resp: 535784

Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

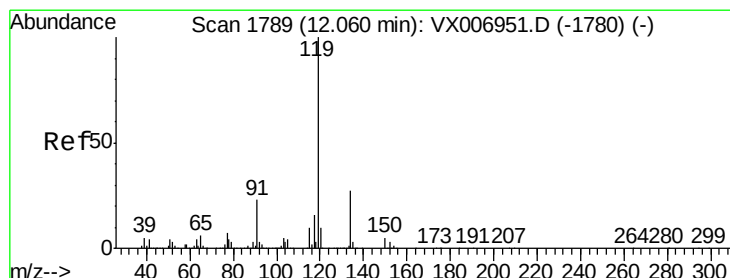
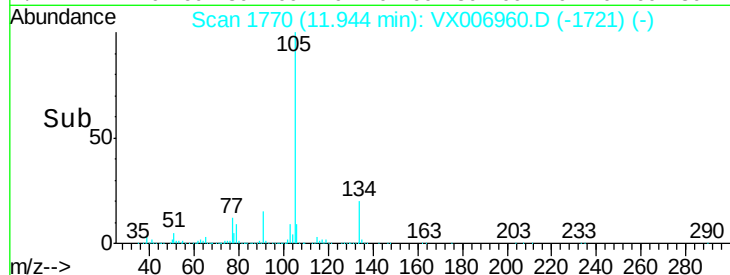
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.089 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

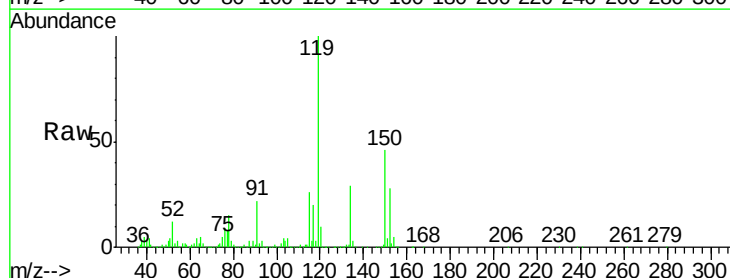
Tgt Ion:119 Resp: 478387

Ion Ratio Lower Upper

119 100

134 28.0 14.0 41.9

91 22.9 11.3 33.9



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): VX0

12.07

400000

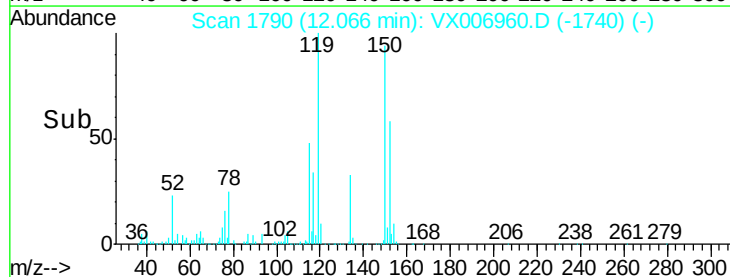
300000

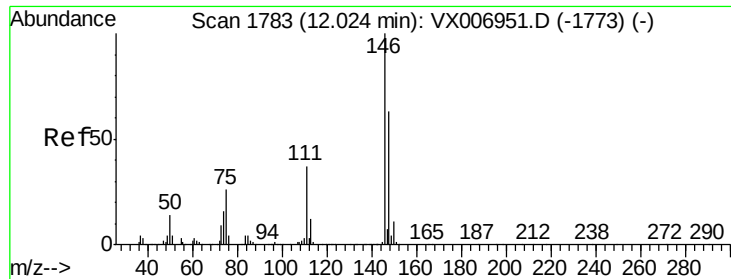
200000

100000

0

Time-->

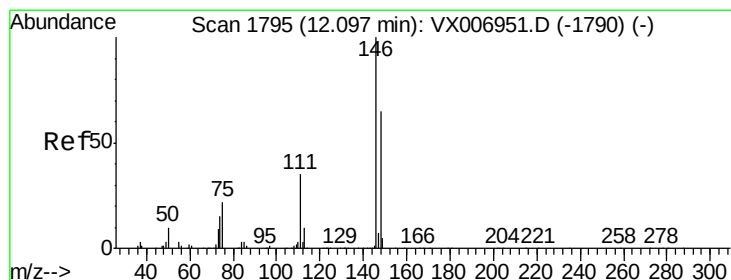
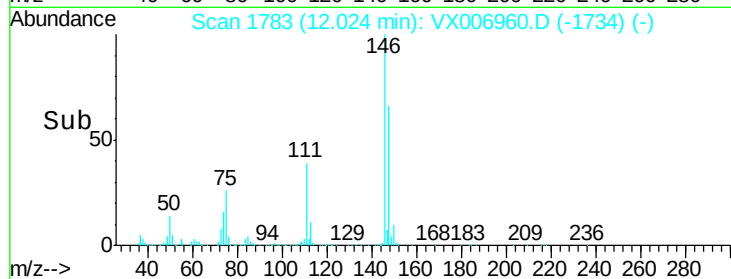
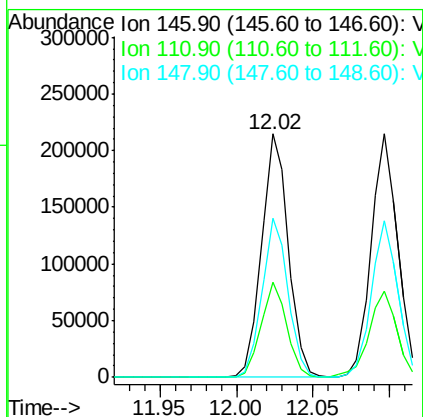
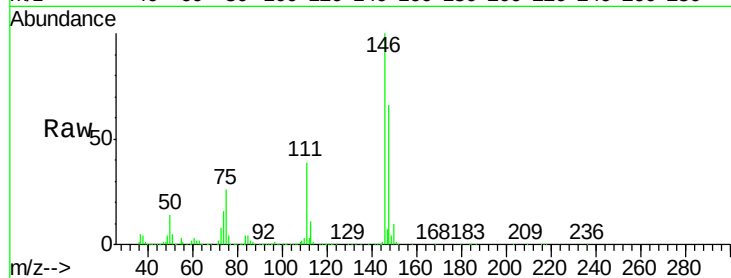




#87
 1,3-Dichlorobenzene
 Concen: 18.711 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

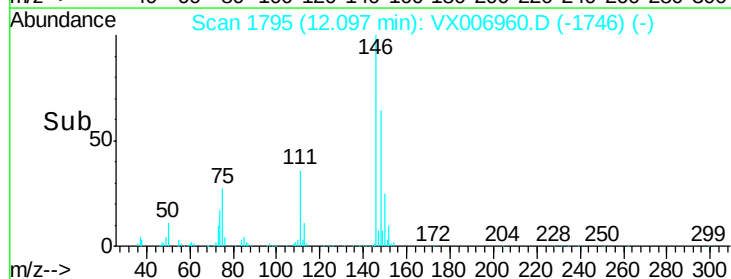
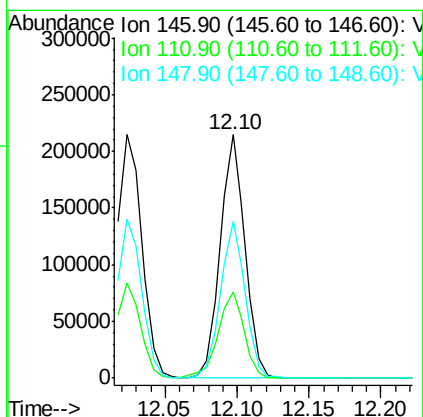
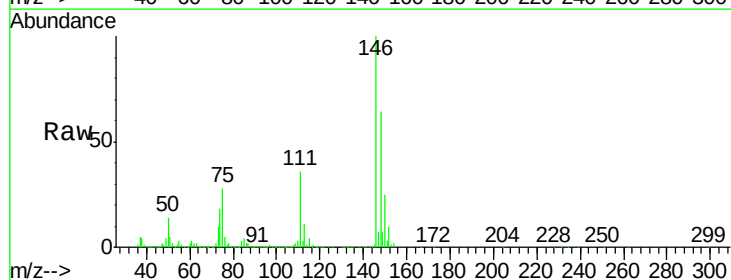
Instrument :
 MSVOA_X
 ClientSampleId :

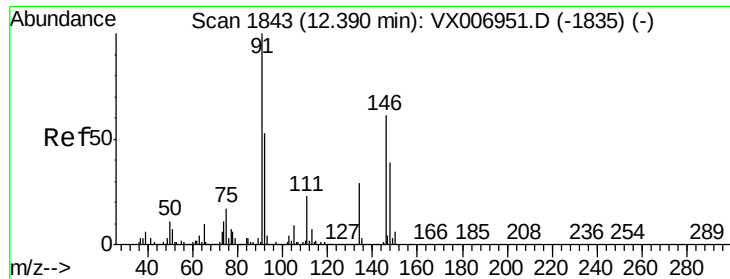
Tot Ion:146 Resp: 262222
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.6 55.8
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.603 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

Tgt Ion:146 Resp: 259122
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.1 54.1
 148 64.4 31.9 95.9

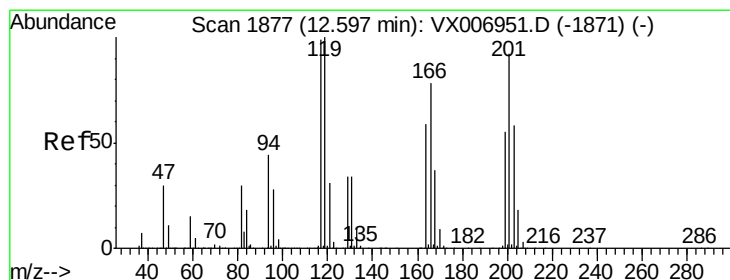
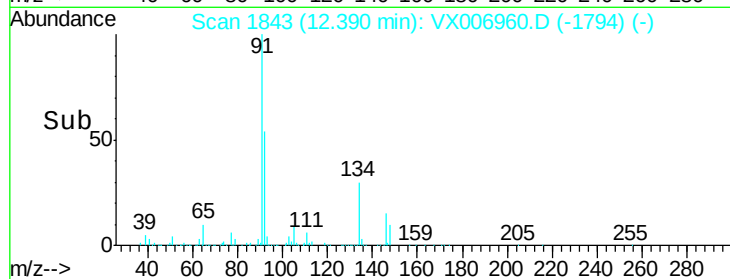
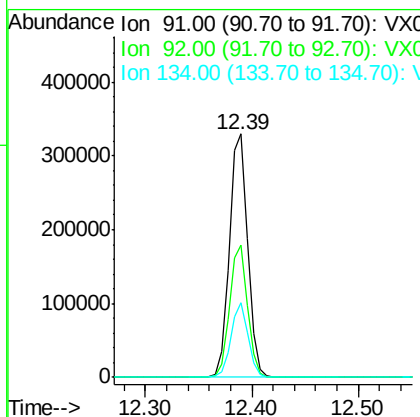
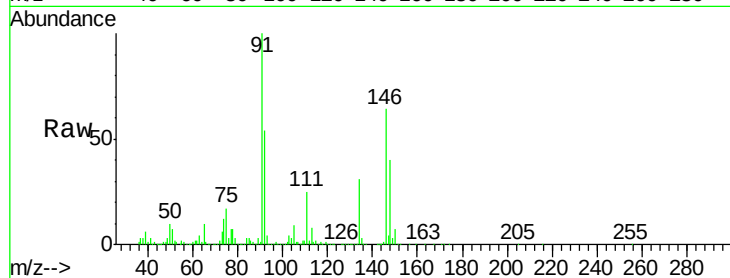




#89
n-Butylbenzene
Concen: 18.647 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

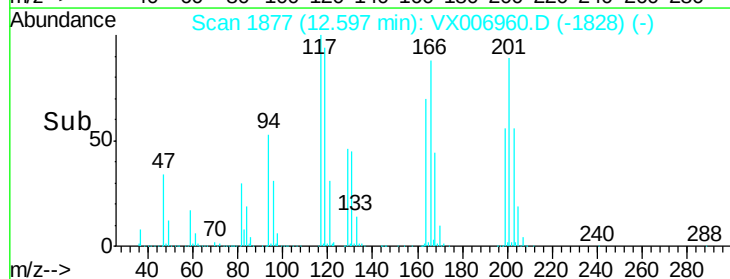
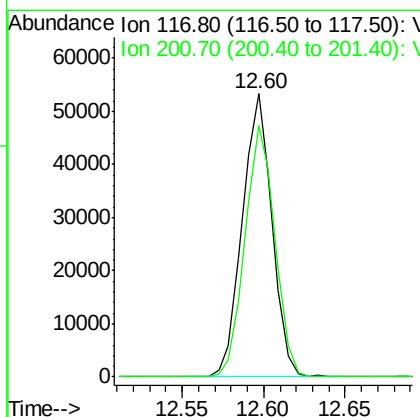
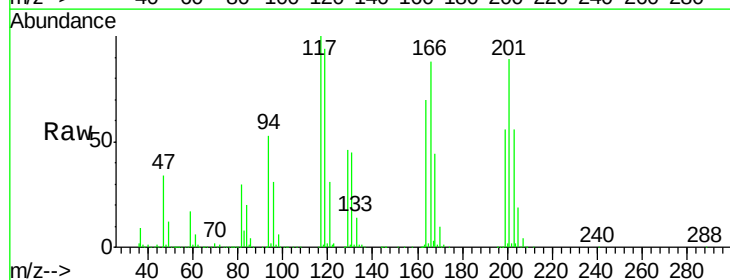
Instrument :
MSVOA_X
ClientSampled :

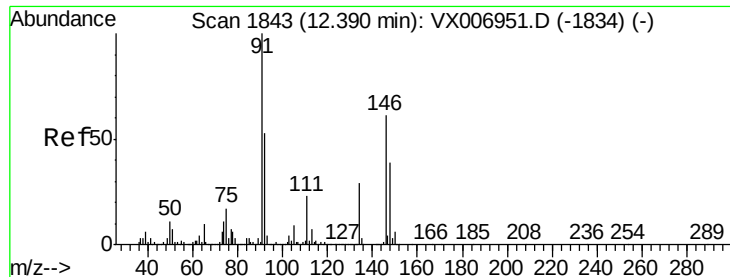
Tot Ion: 91 Resp: 398353
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.4
134 28.8 14.4 43.2



#90
Hexachloroethane
Concen: 18.809 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

Tgt Ion: 117 Resp: 67545
Ion Ratio Lower Upper
117 100
201 89.5 42.9 128.7

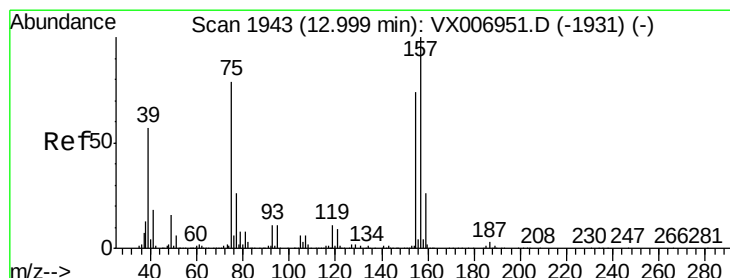
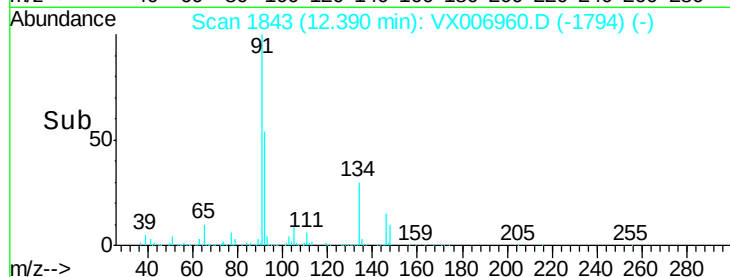
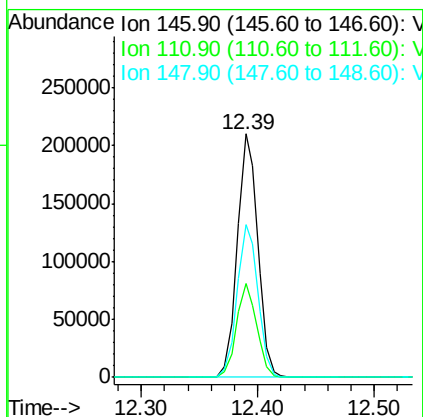
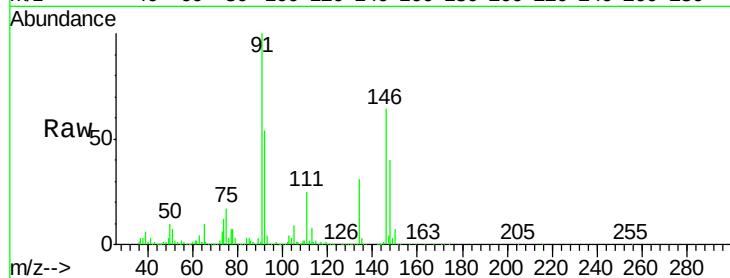




#91
 1,2-Dichlorobenzene
 Concen: 18.688 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

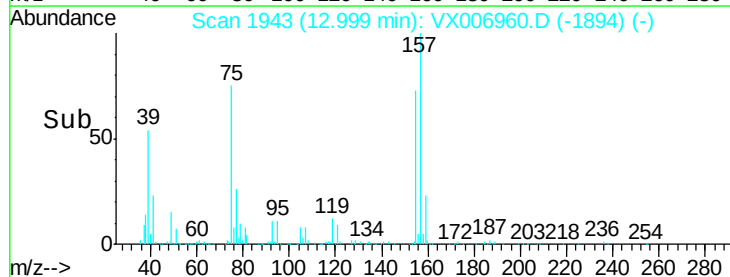
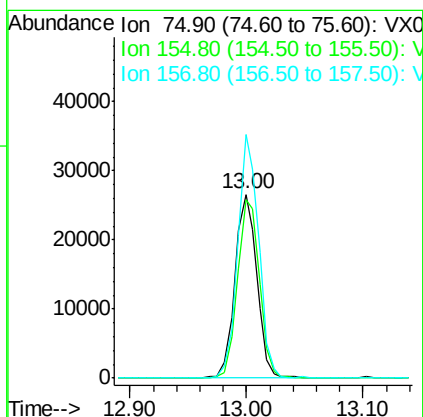
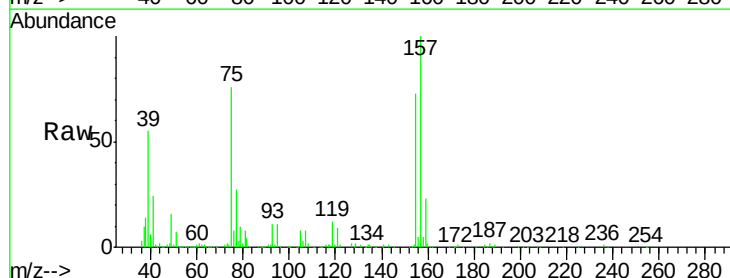
Instrument :
 MSVOA_X
 ClientSampleId :

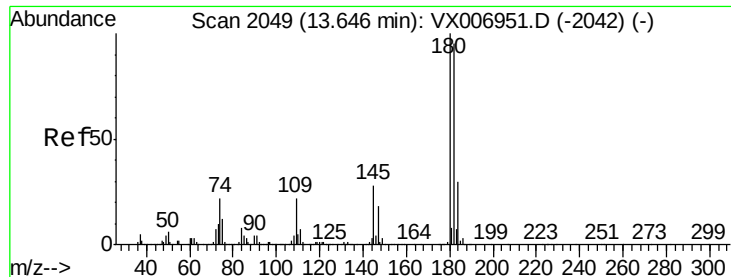
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.2
148	63.6	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.785 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.4	50.6	151.8
157	125.8	64.6	193.8

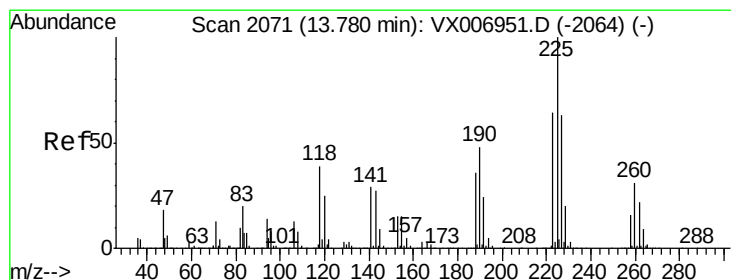
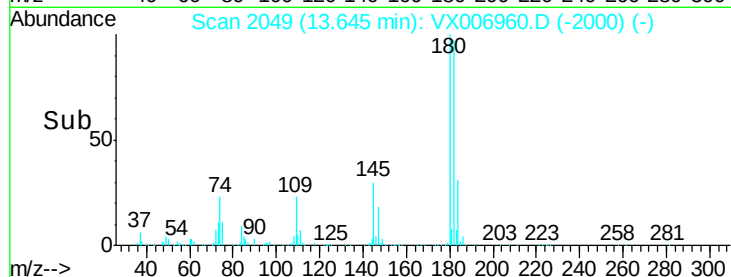
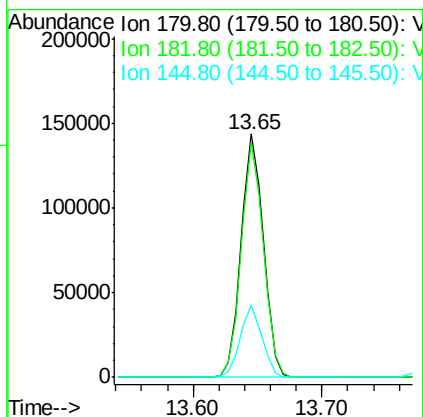
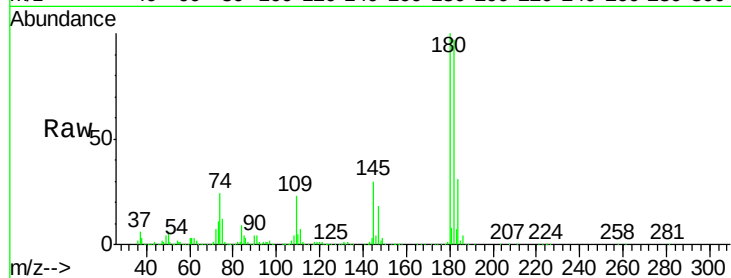




#93
 1,2,4-Trichlorobenzene
 Concen: 18.169 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

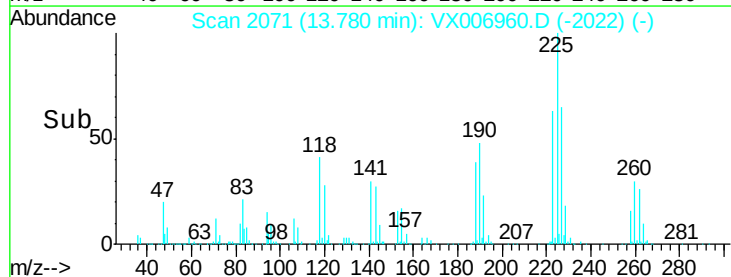
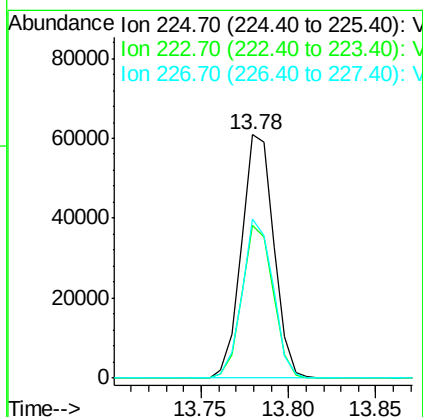
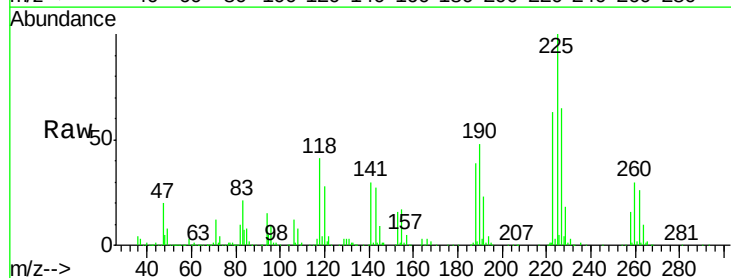
Instrument :
 MSVOA_X
 ClientSampled :

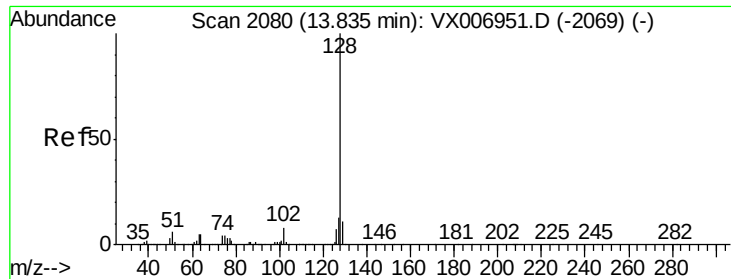
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	142.0
145	29.1	14.8	44.3



#94
 Hexachlorobutadiene
 Concen: 18.513 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	32.1	96.3
227	62.4	32.3	96.8

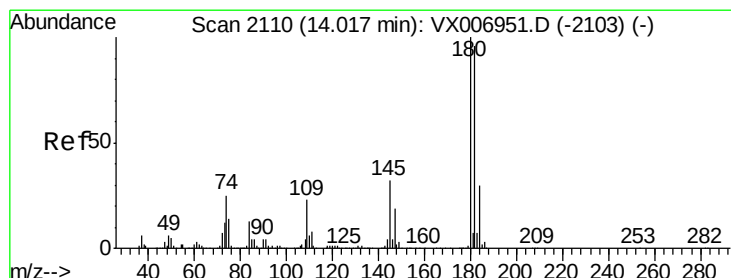
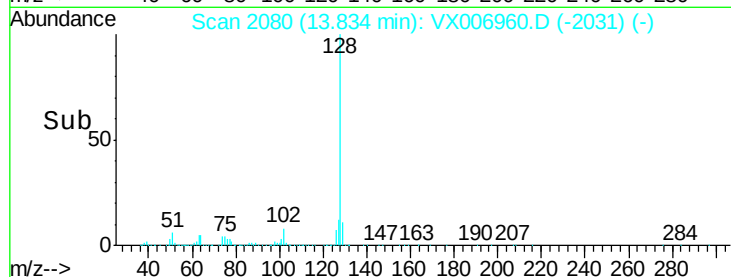
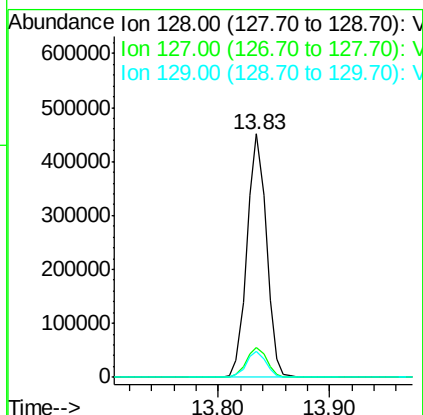
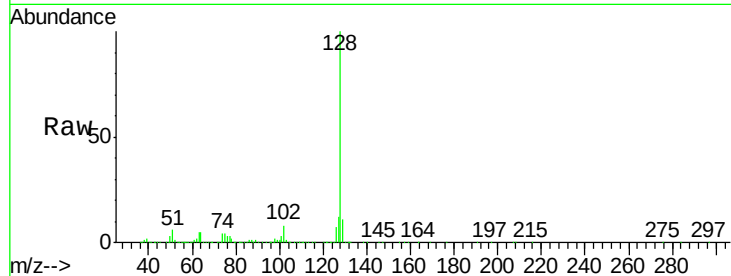




#95
Naphthalene
Concen: 18.991 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 546043
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.235 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

Tgt Ion:180 Resp: 171882
Ion Ratio Lower Upper
180 100
182 97.4 48.5 145.5
145 30.8 16.0 47.9

