

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 :
 VX0109WBSD01

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

Target Compounds	R.T.	QIon	Response	Conc	Units	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 :
 VX0109WBSD01

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

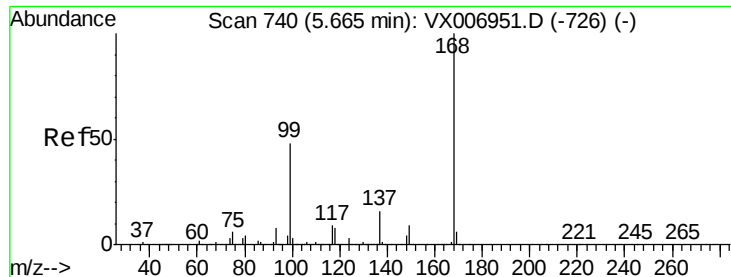
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
Data File : VX006960.D
Acq On : 09 Jan 2019 12:18
Operator : JC/MD
Sample : VX0109WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

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 :

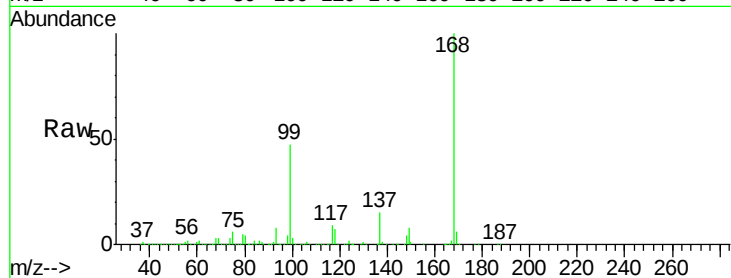
VX0109WBSD01

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

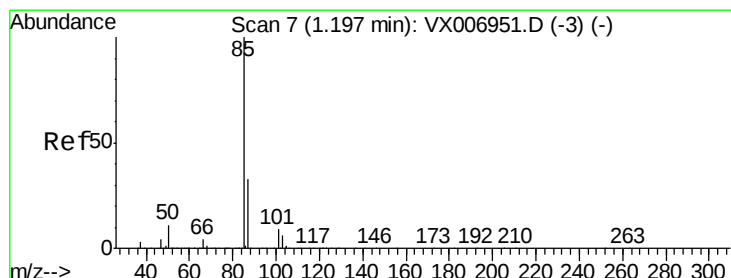
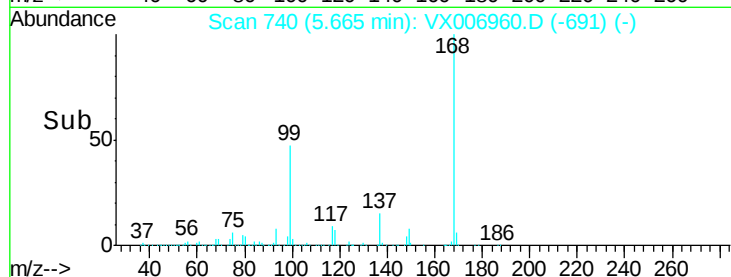
150000

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

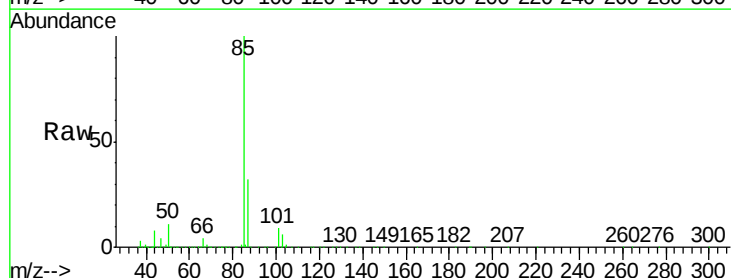
Acq: 09 Jan 2019 12:18

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

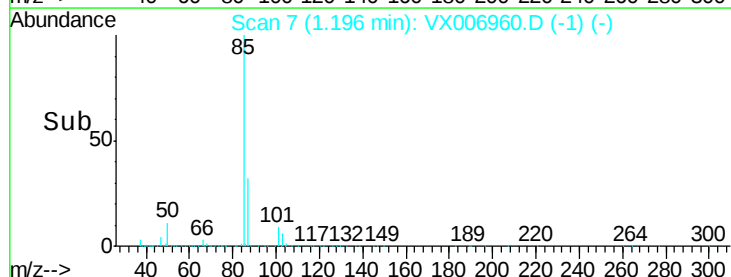
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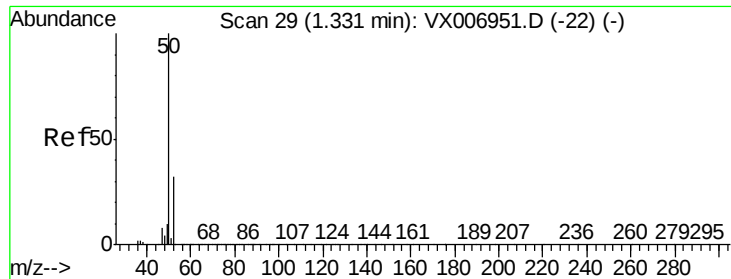
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Time-->

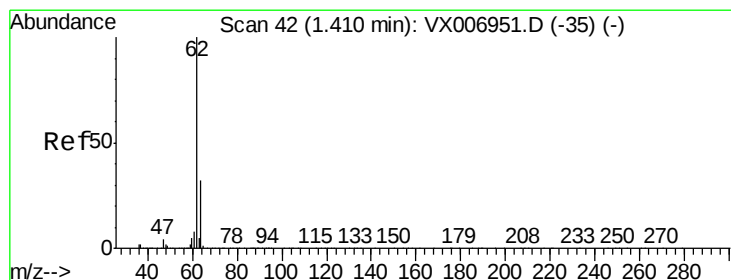
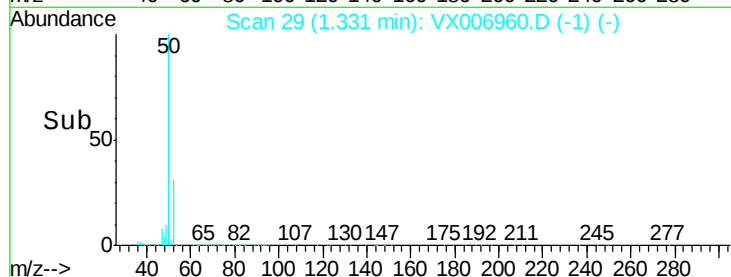
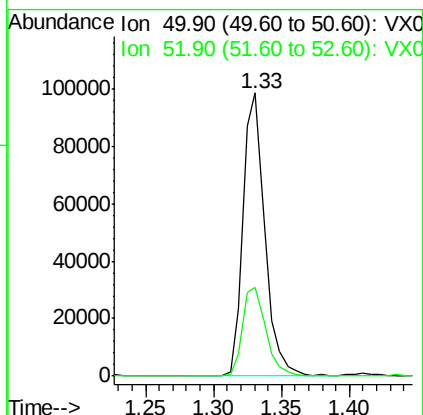
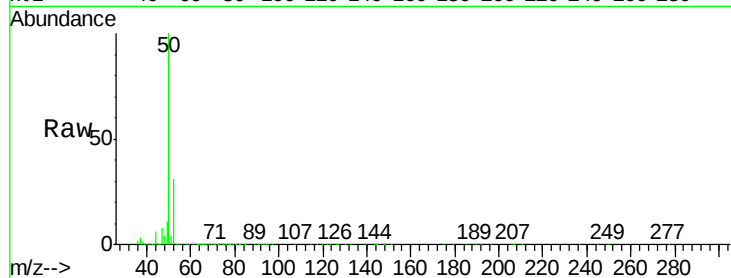




#3
Chloromethane
Concen: 19.100 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

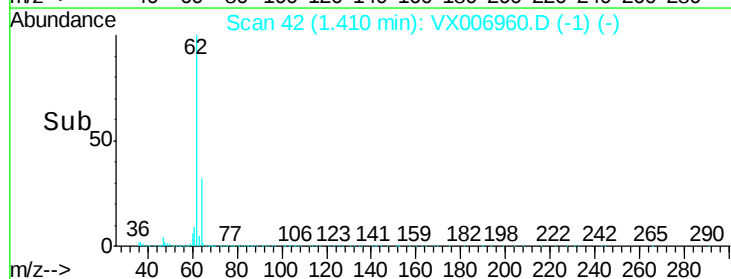
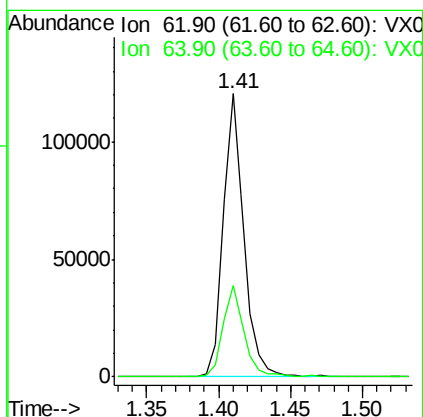
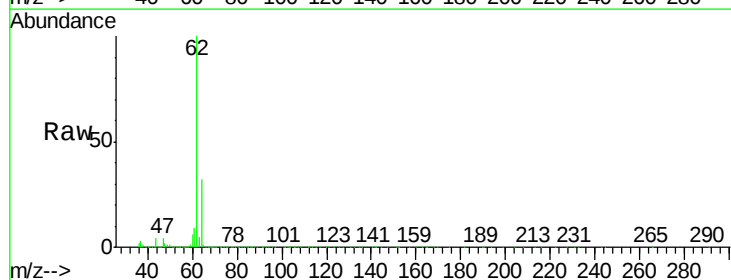
Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

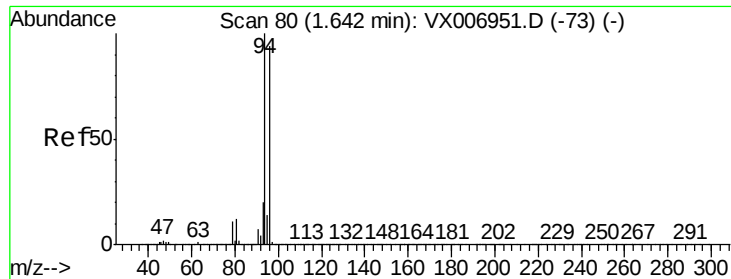
Tot Ion: 50 Resp: 109476
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.2



#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 :

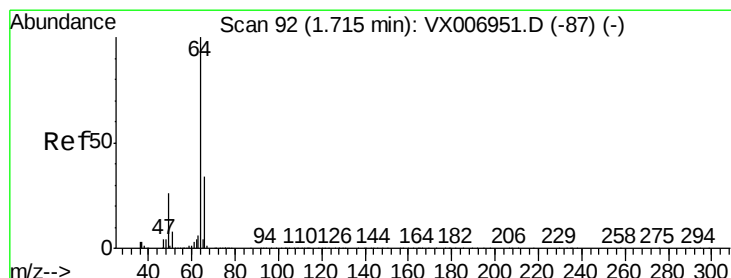
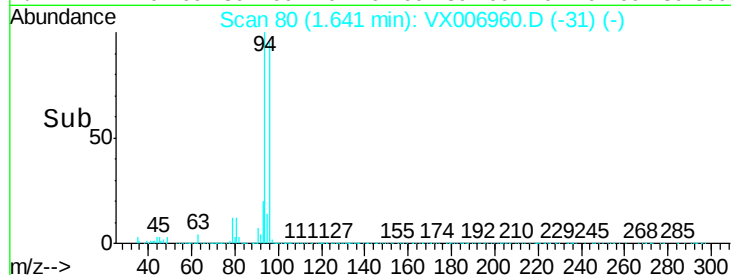
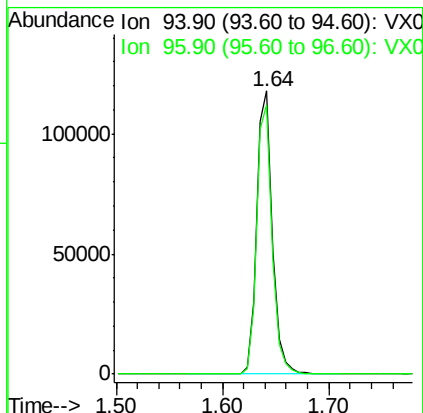
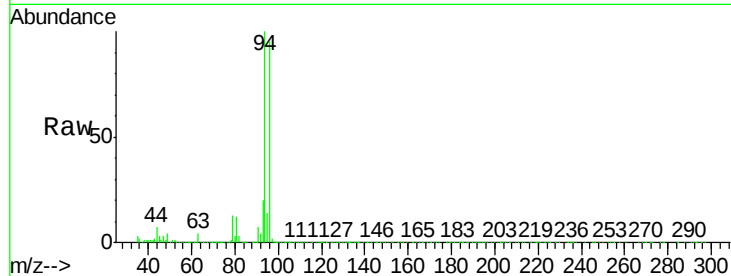
VX0109WBSD01

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

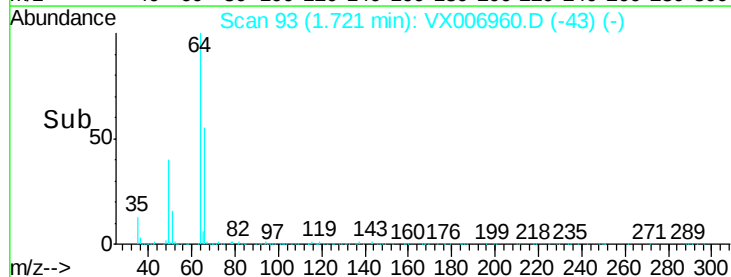
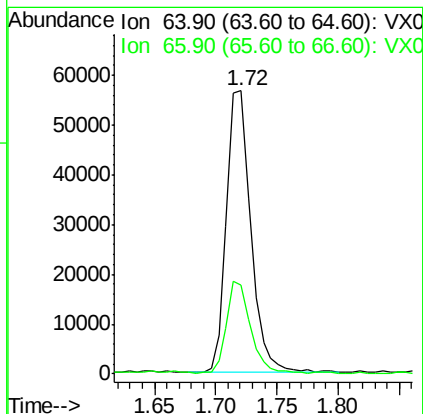
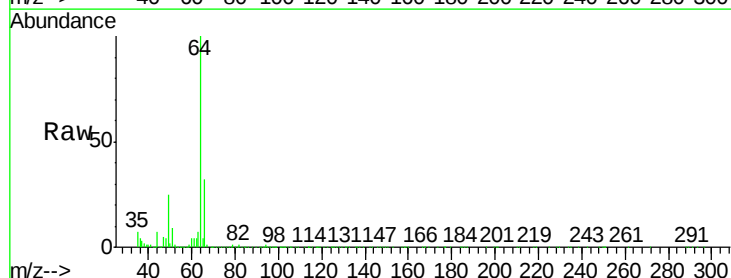
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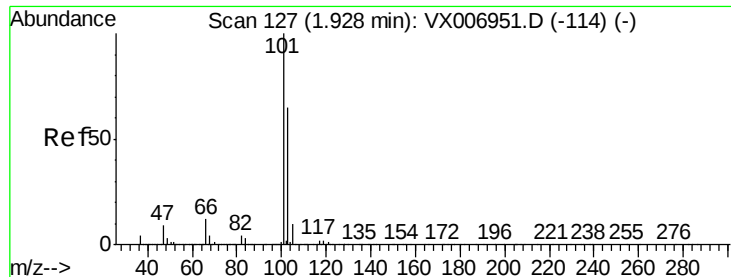
Tgt Ion: 64 Resp: 78339

Ion Ratio Lower Upper

64 100

66 31.5 26.4 39.6



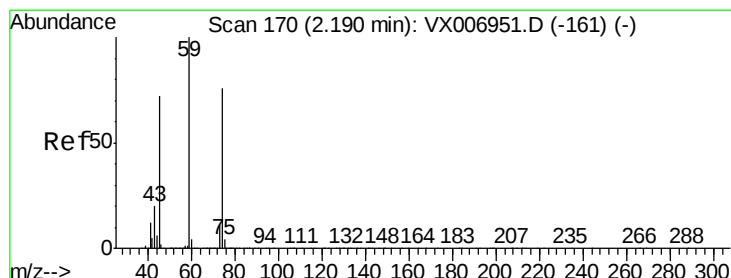
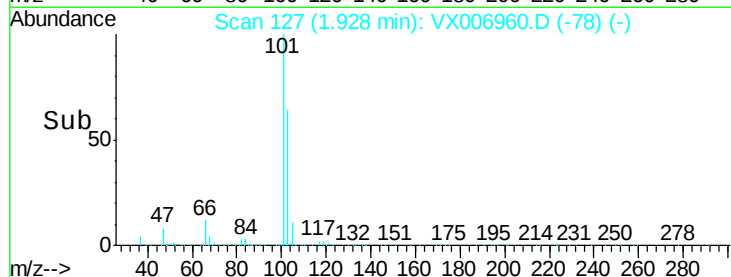
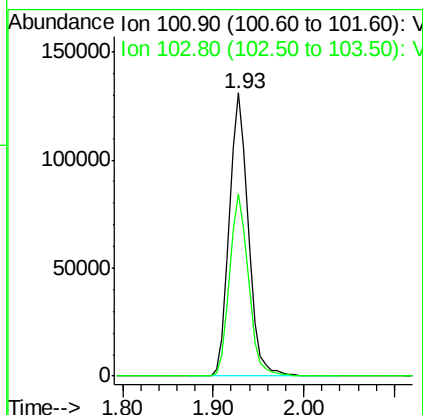
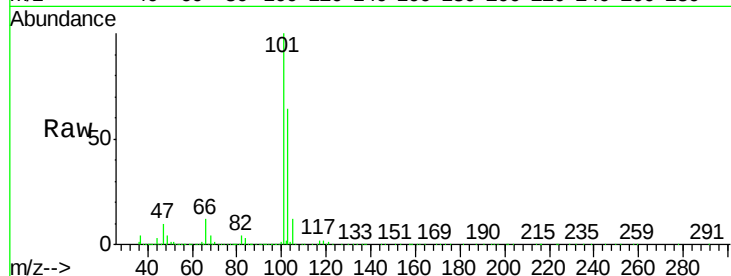


#7

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 :
VX0109WBSD01

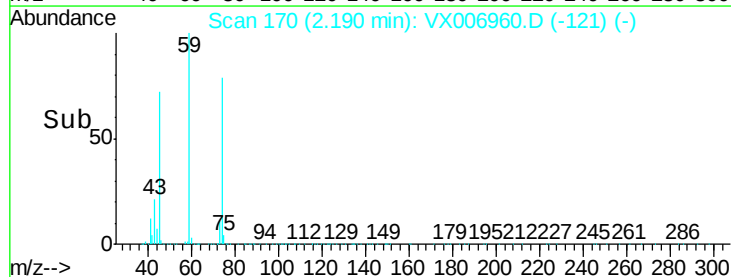
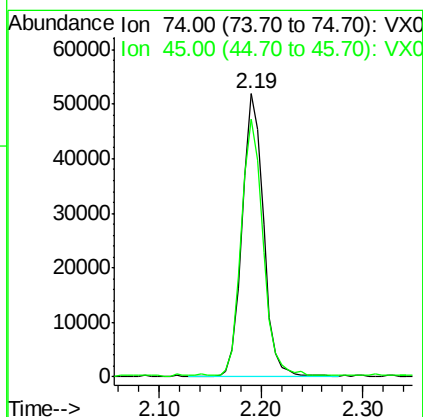
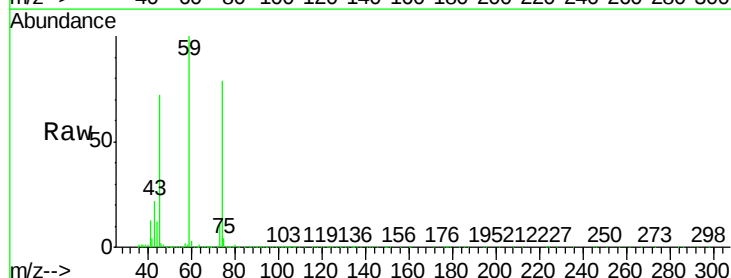
Tot Ion:101 Resp: 191707
Ion Ratio Lower Upper
101 100
103 64.1 53.2 79.8

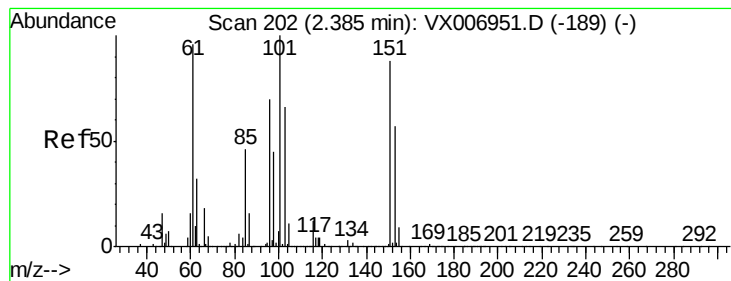


#8

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 :

VX0109WBSD01

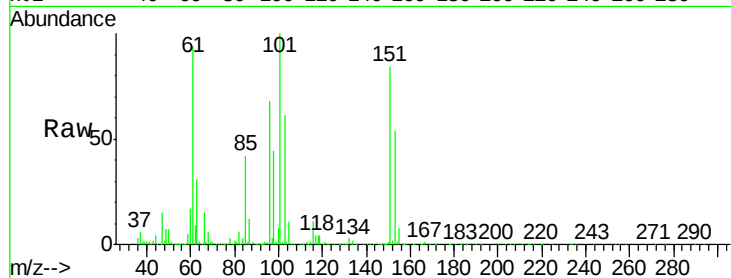
Tot Ion:101 Resp: 115275

Ion Ratio Lower Upper

101 100

85 42.7 35.1 52.7

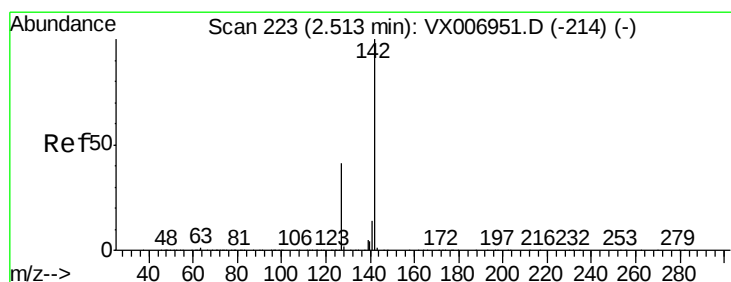
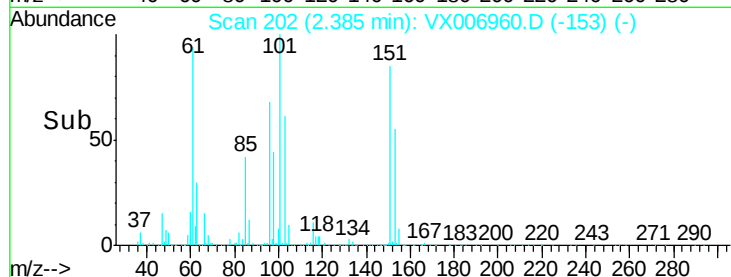
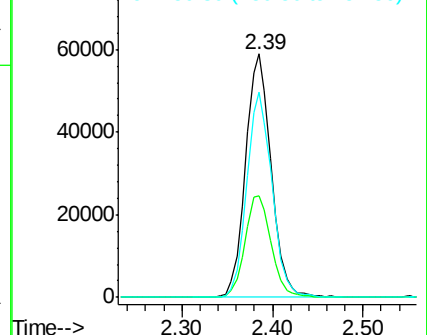
151 82.8 68.9 103.3



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

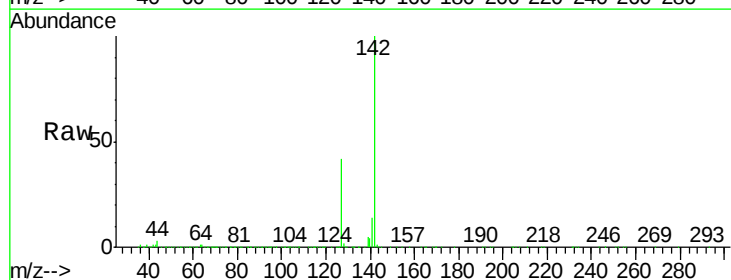
Tgt Ion:142 Resp: 165346

Ion Ratio Lower Upper

142 100

127 43.4 33.9 50.9

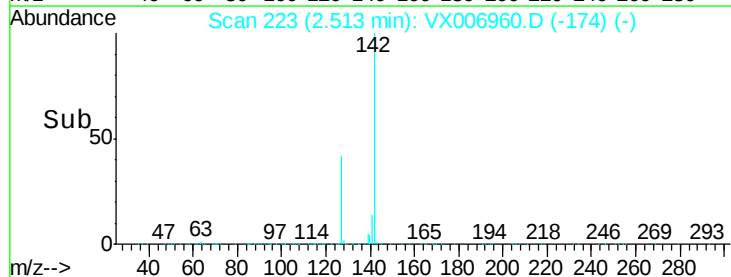
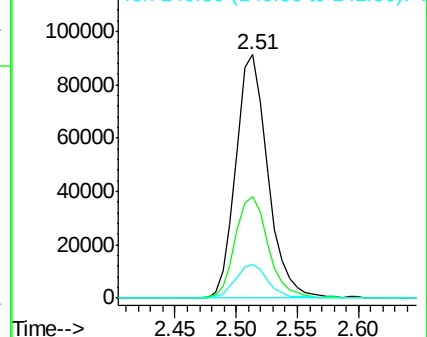
141 14.3 11.4 17.0

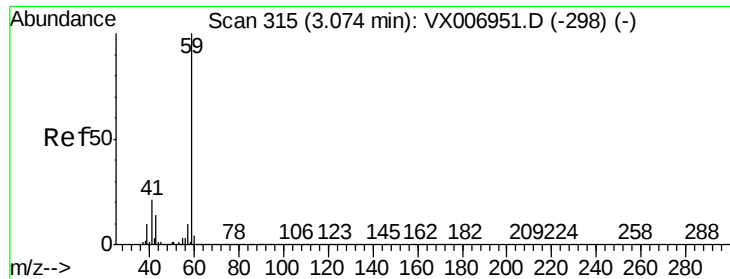


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



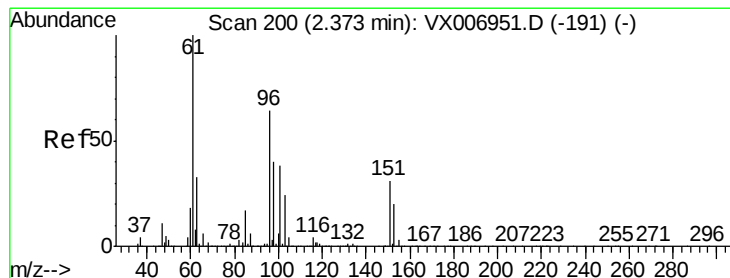
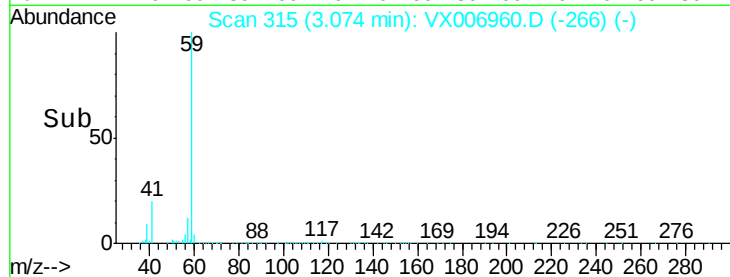
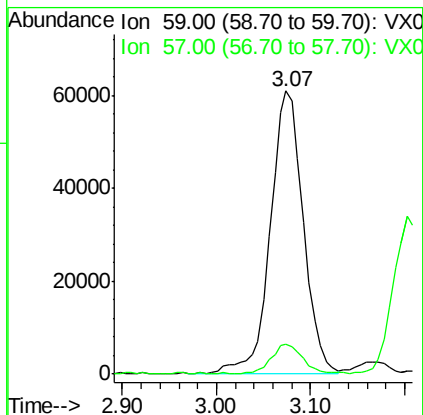
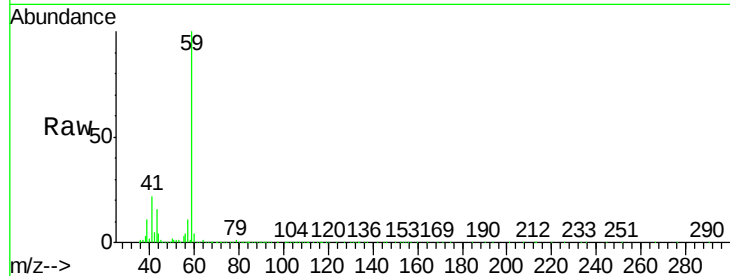


#11

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 :
 VX0109WBSD01

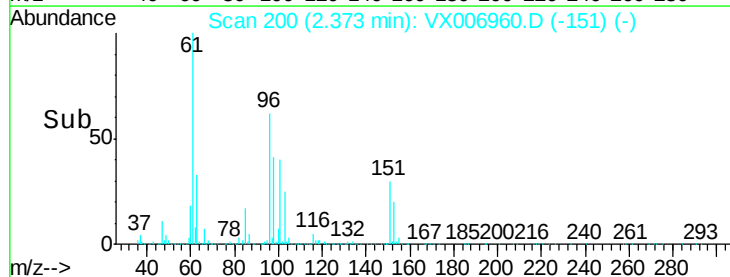
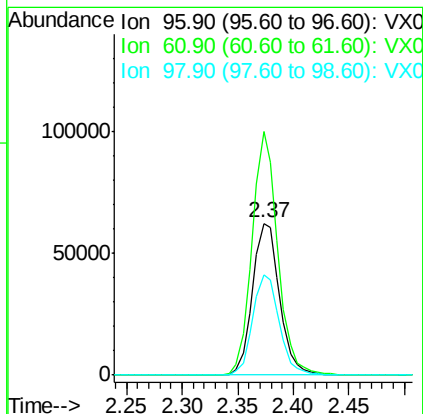
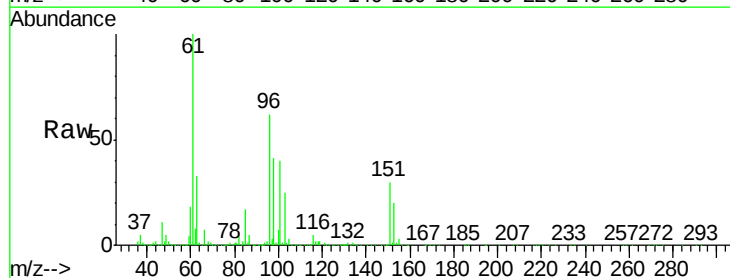
Tot Ion: 59 Resp: 150298
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

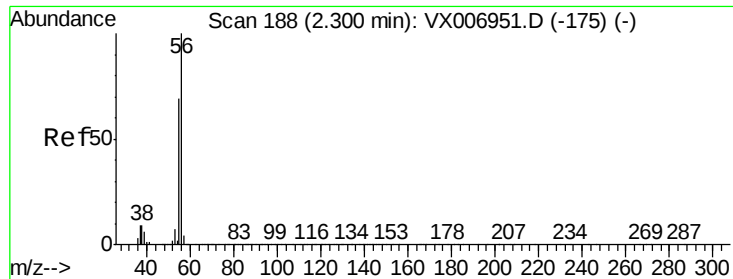


#12

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 :

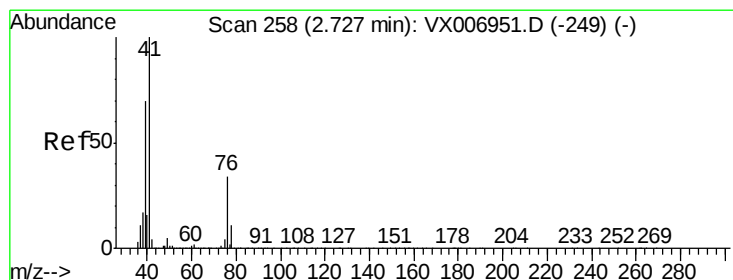
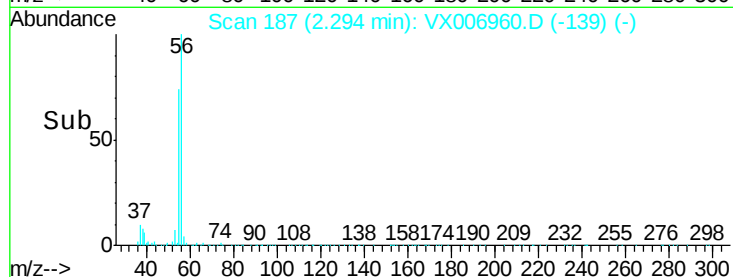
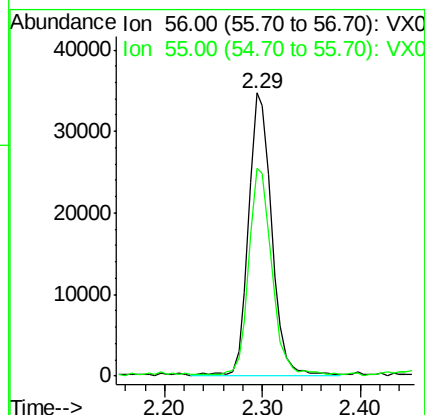
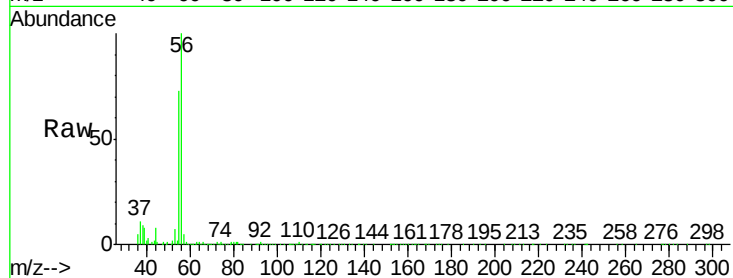
VX0109WBSD01

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

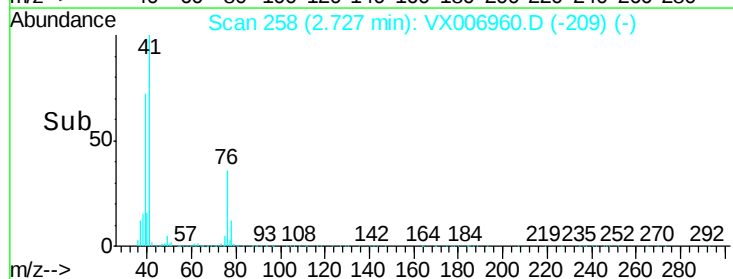
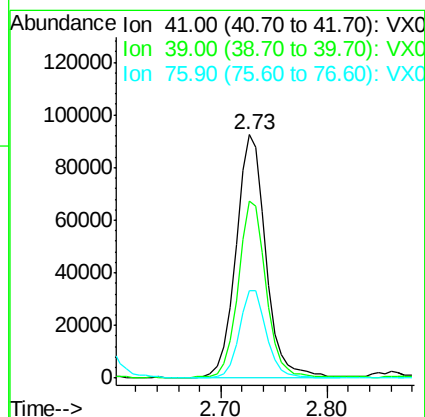
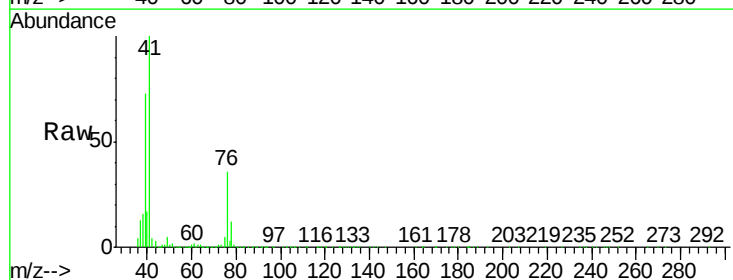
Tgt Ion: 41 Resp: 180296

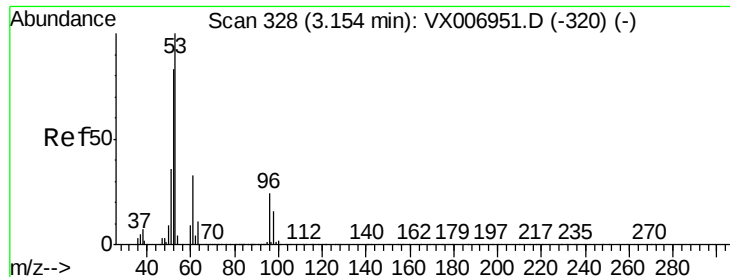
Ion Ratio Lower Upper

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 :

VX0109WBSD01

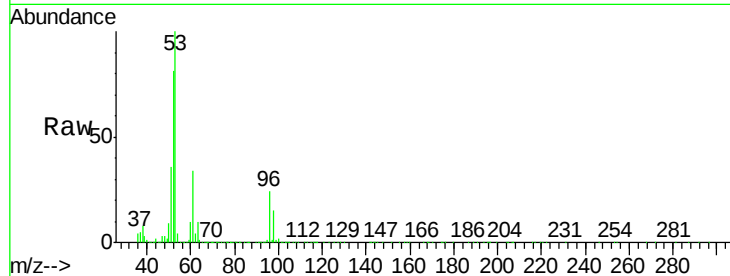
Tot Ion: 53 Resp: 331701

Ion Ratio Lower Upper

53 100

52 82.2 66.0 99.0

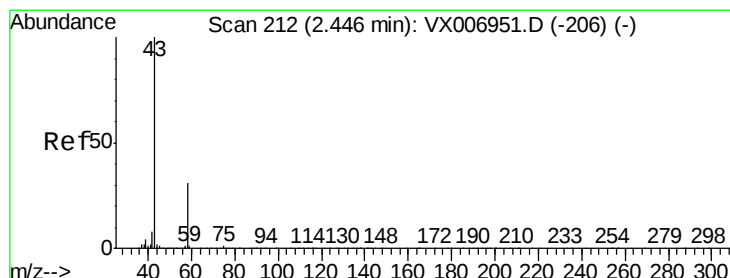
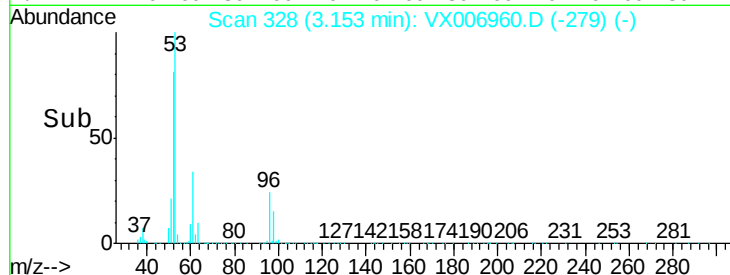
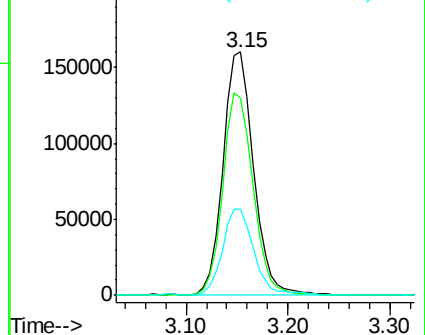
51 36.2 28.6 42.8



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

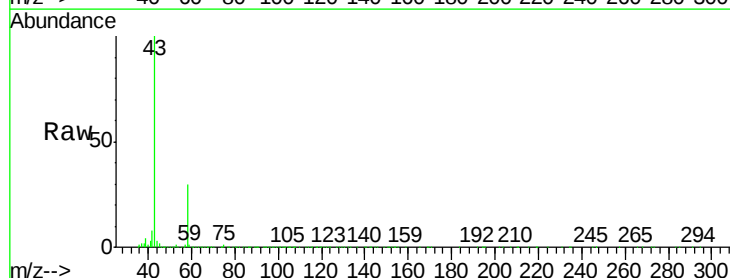
Acq: 09 Jan 2019 12:18

Tgt Ion: 43 Resp: 298398

Ion Ratio Lower Upper

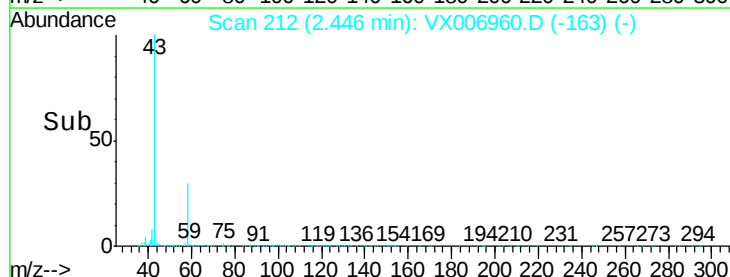
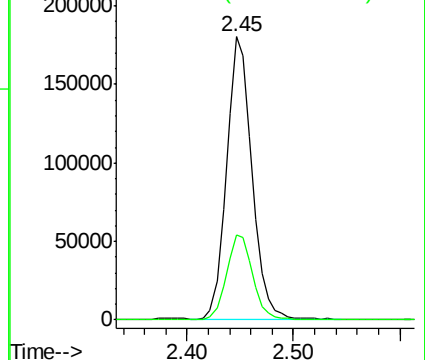
43 100

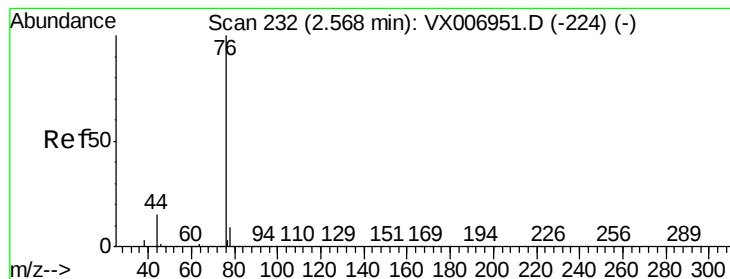
58 29.9 25.0 37.6



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 :

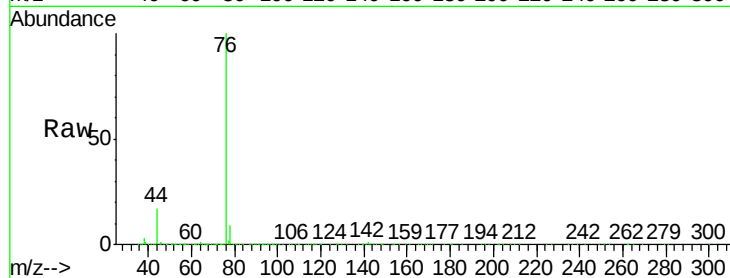
VX0109WBSD01

Tot Ion: 76 Resp: 259593

Ion Ratio Lower Upper

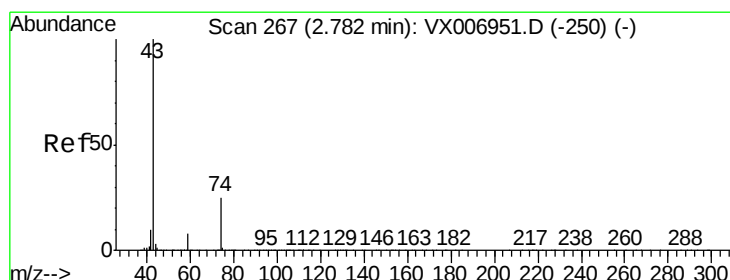
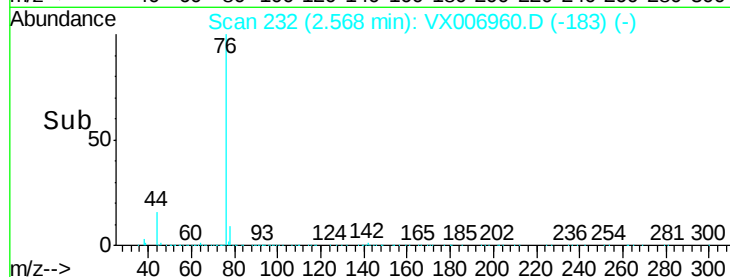
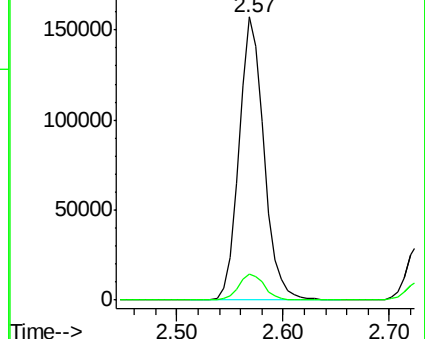
76 100

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

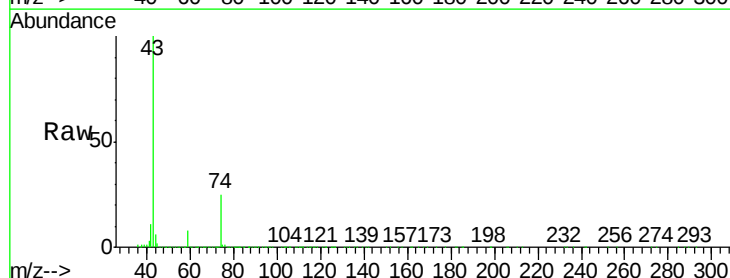
Acq: 09 Jan 2019 12:18

Tgt Ion: 43 Resp: 169279

Ion Ratio Lower Upper

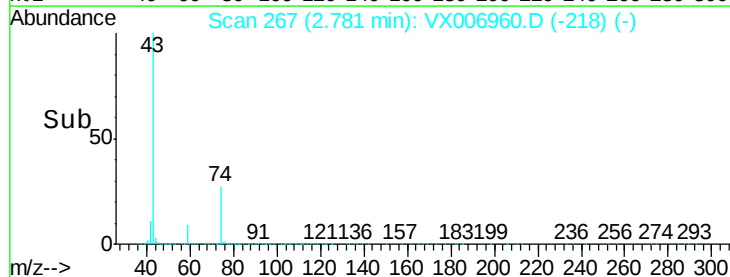
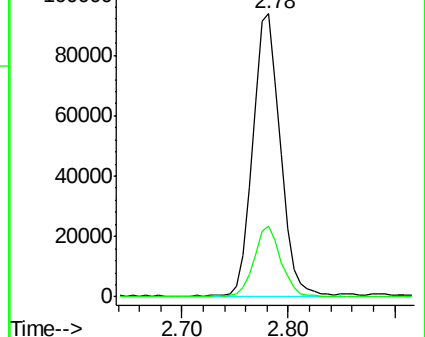
43 100

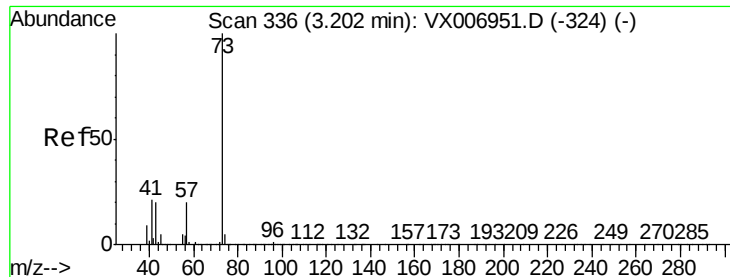
74 24.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



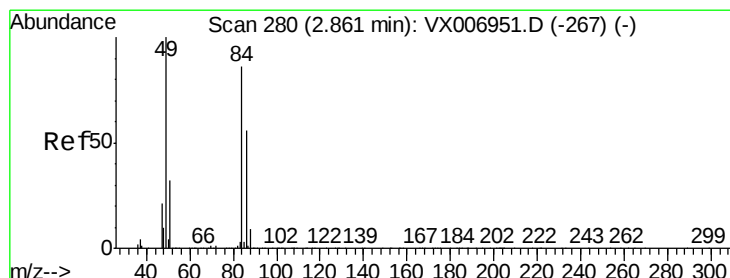
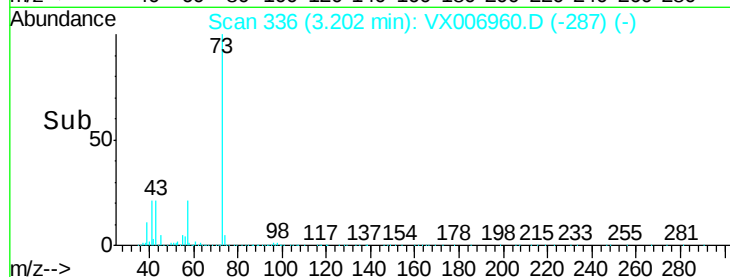
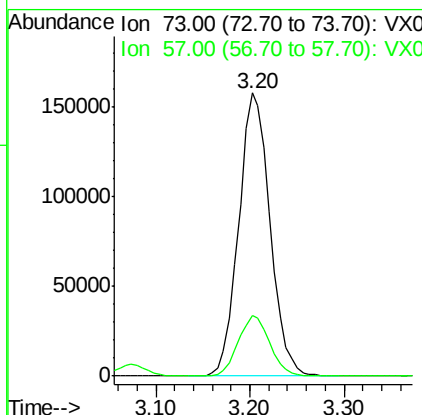
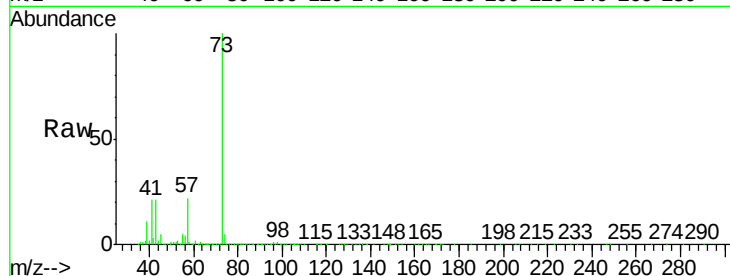


#19

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 :
 VX0109WBSD01

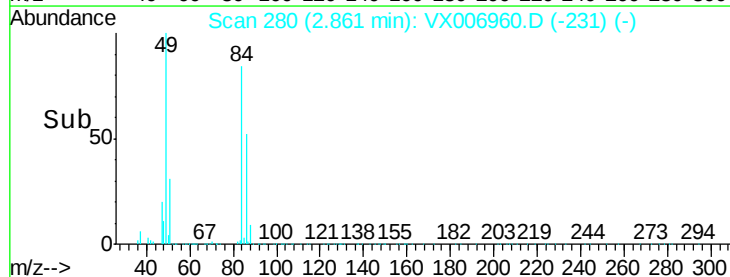
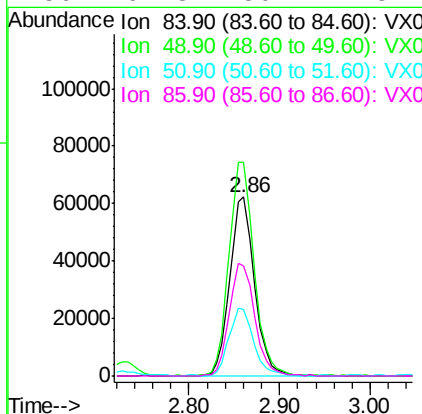
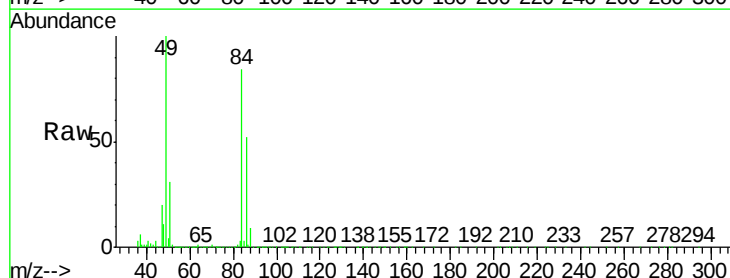
Tot Ion: 73 Resp: 367103
 Ion Ratio Lower Upper
 73 100
 57 21.5 16.8 25.2

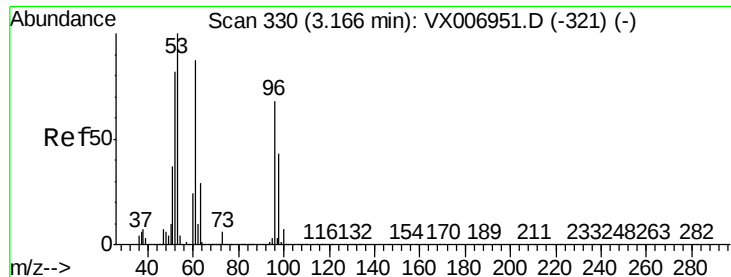


#20

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

ClientSampleId :

VX0109WBSD01

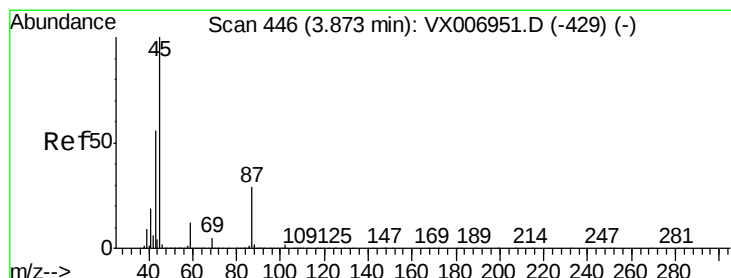
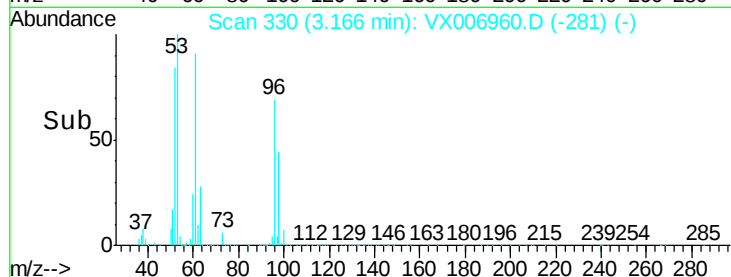
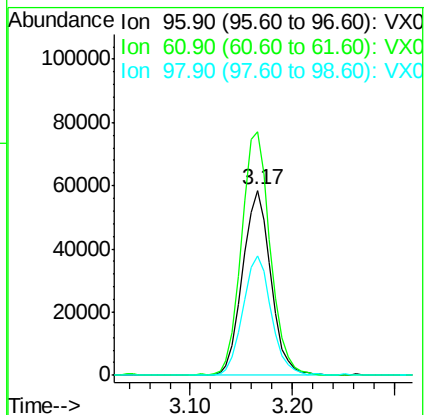
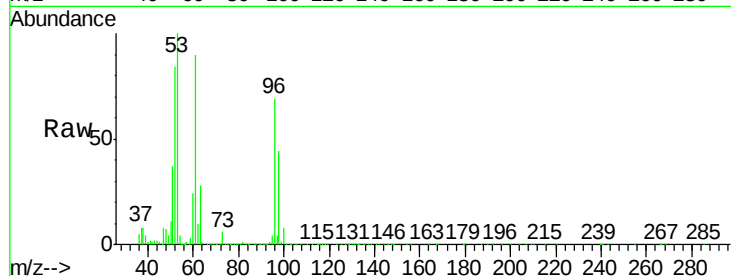
Tot Ion: 96 Resp: 112664

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

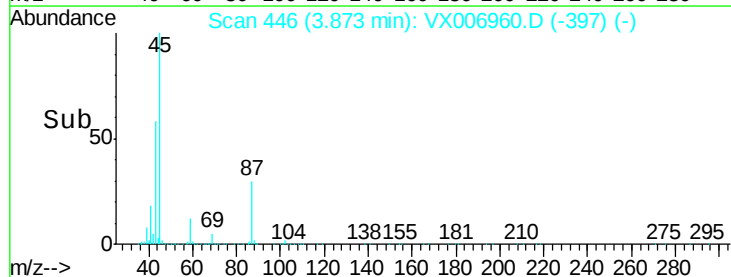
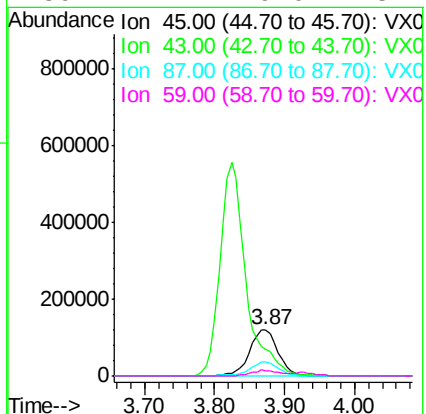
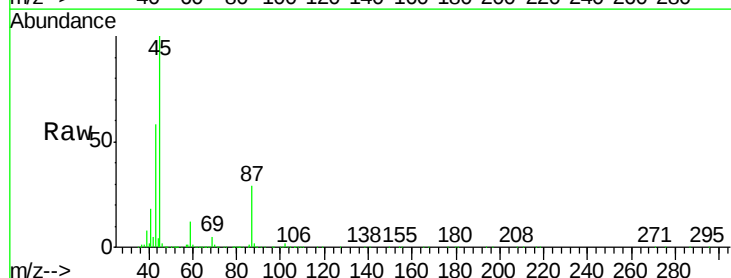
Ion Ratio Lower Upper

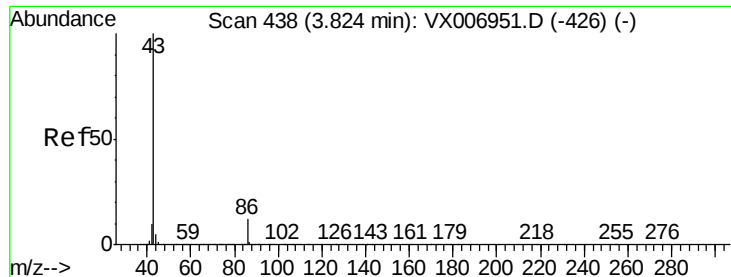
45 100

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

ClientSampleId :

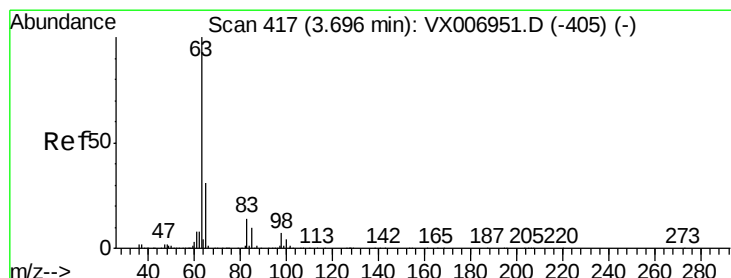
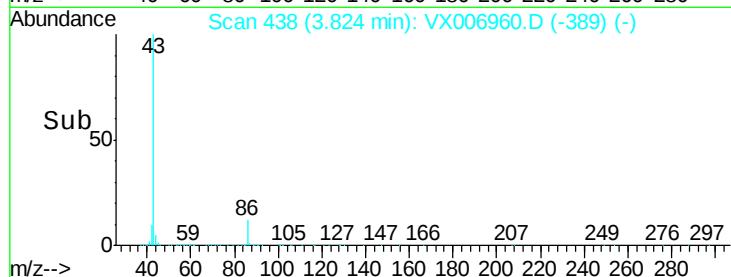
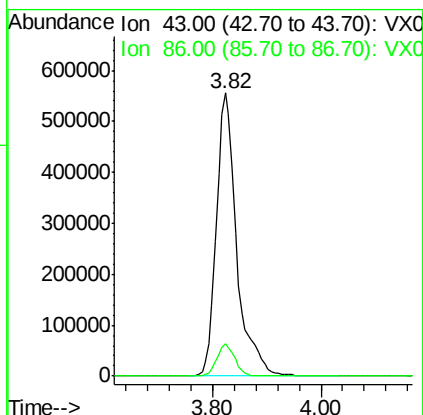
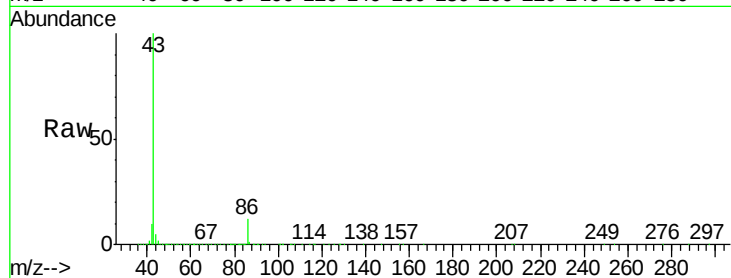
VX0109WBSD01

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

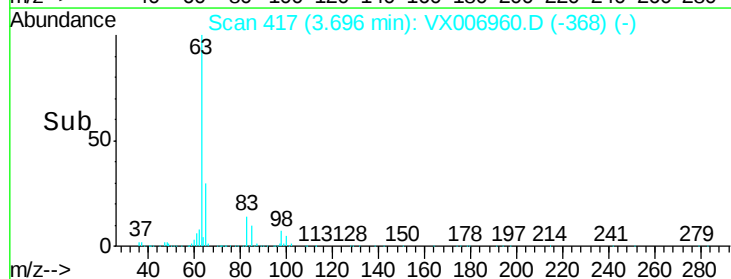
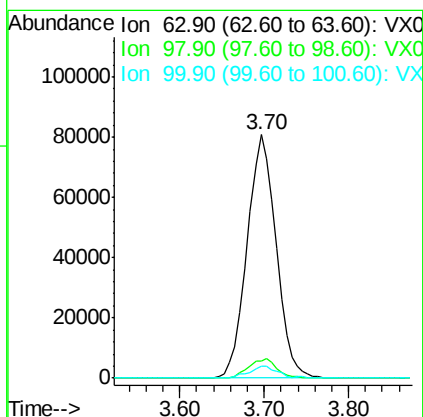
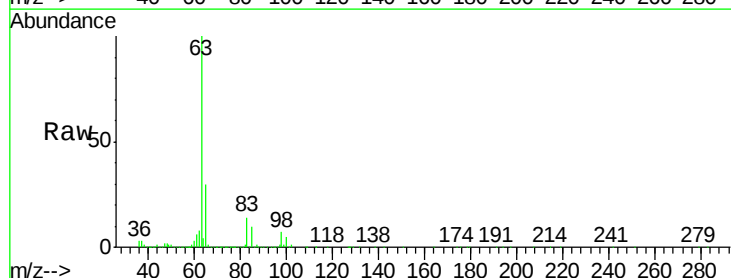
Tgt Ion: 63 Resp: 188468

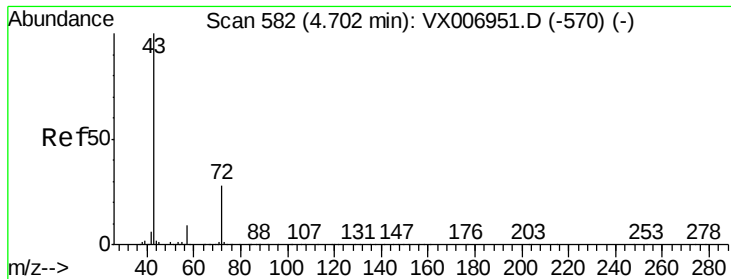
Ion Ratio Lower Upper

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 :

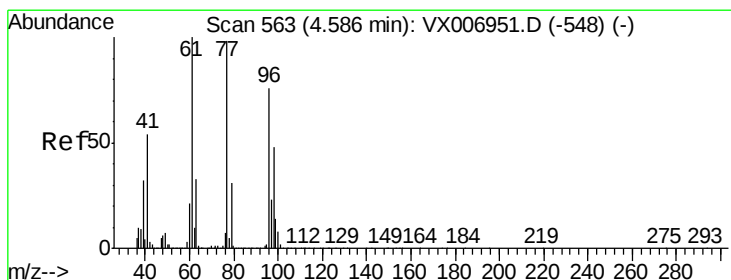
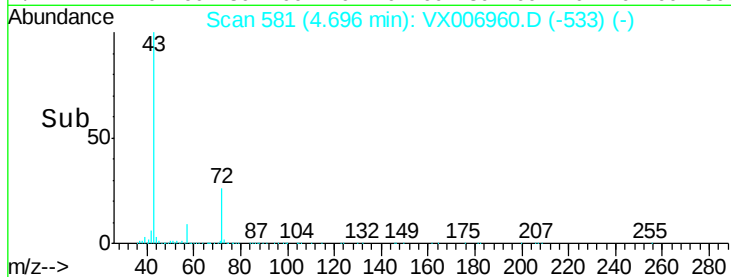
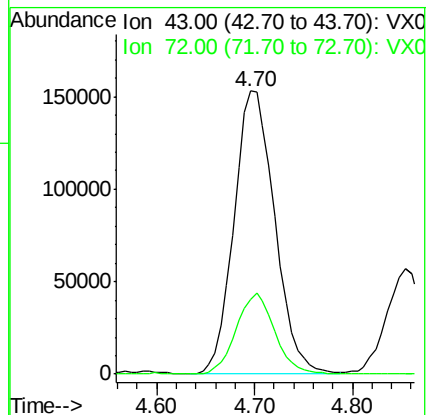
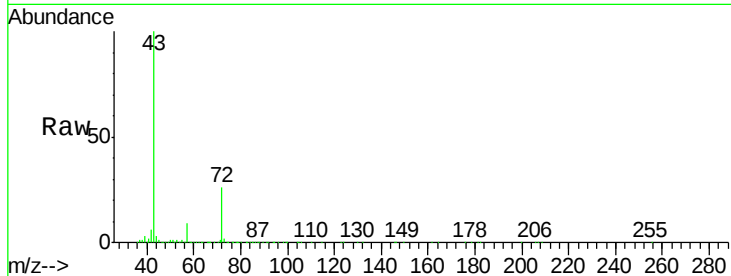
VX0109WBSD01

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

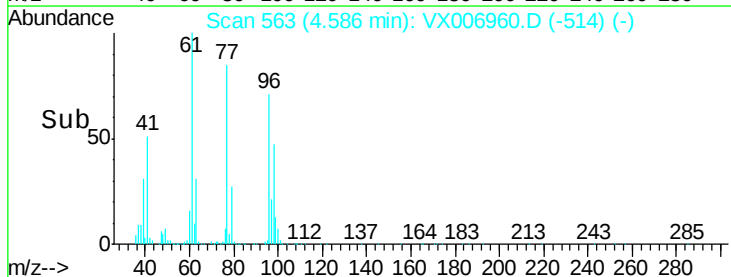
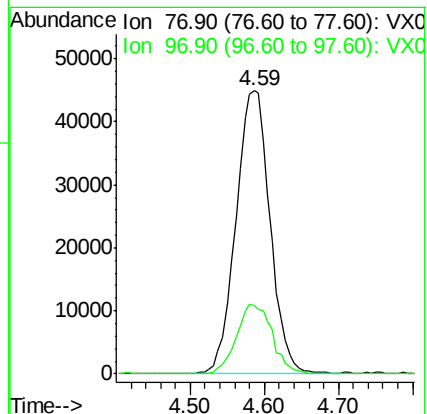
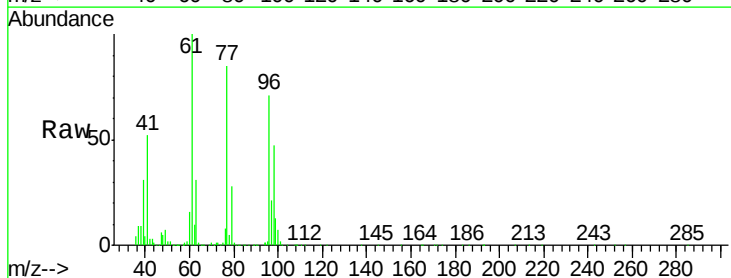
Acq: 09 Jan 2019 12:18

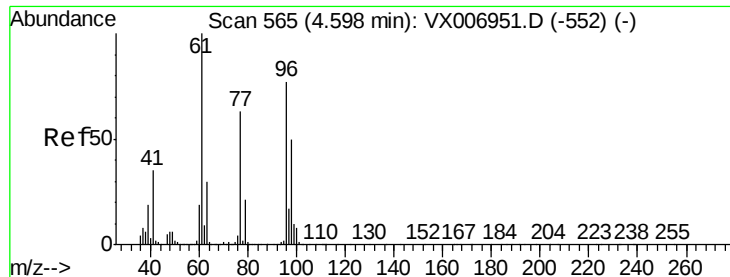
Tgt Ion: 77 Resp: 144324

Ion Ratio Lower Upper

77 100

97 25.7 12.4 37.4



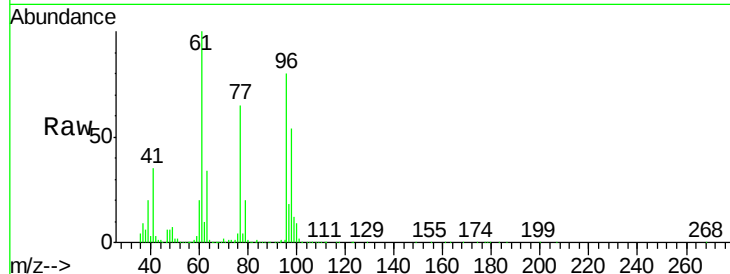


#27

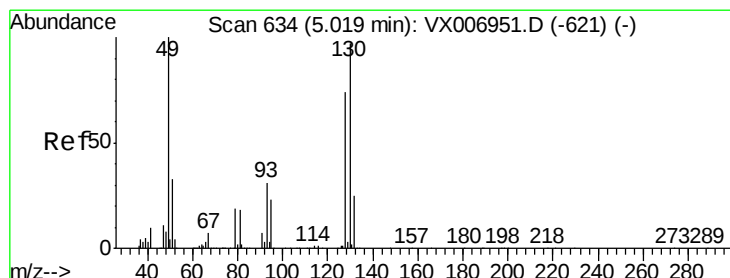
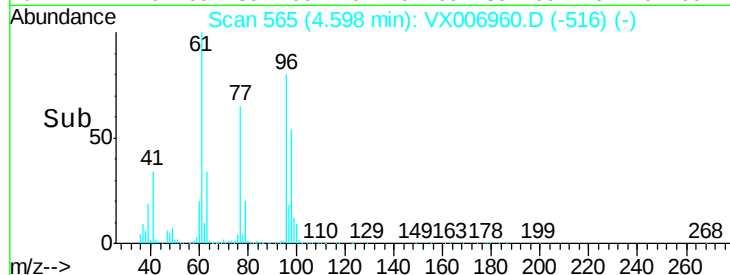
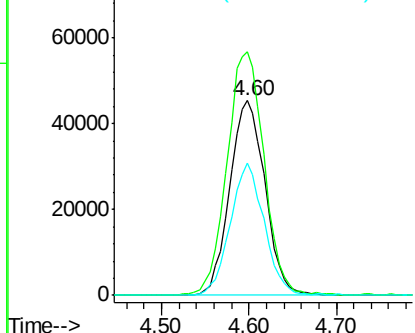
cis-1,2-Dichloroethene
 Concen: 18.808 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBSD01

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



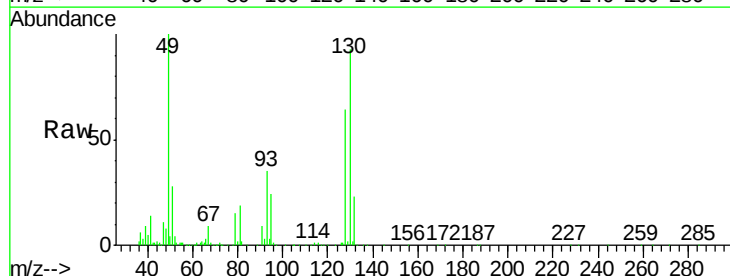
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



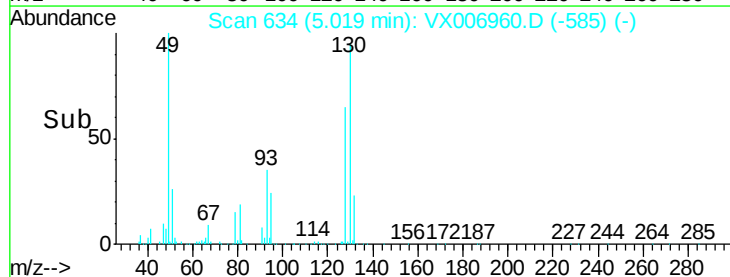
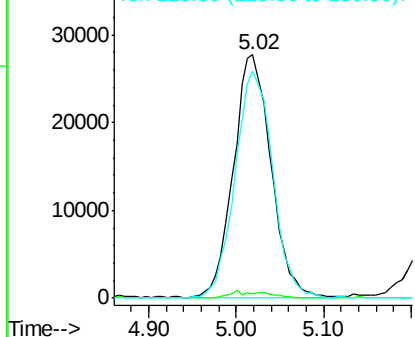
#28

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 :

VX0109WBSD01

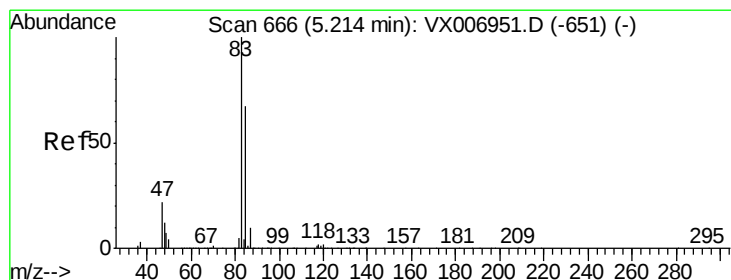
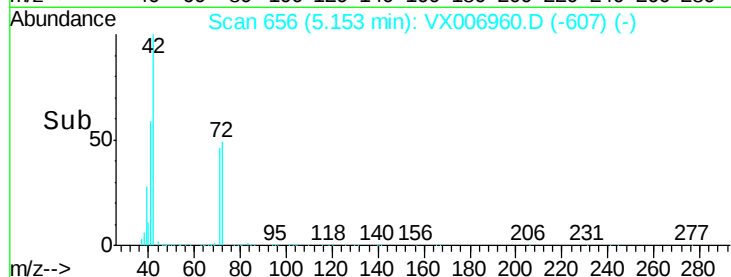
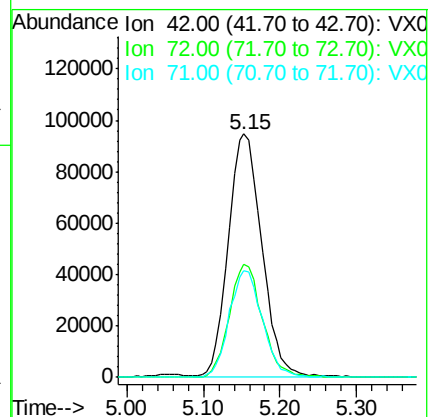
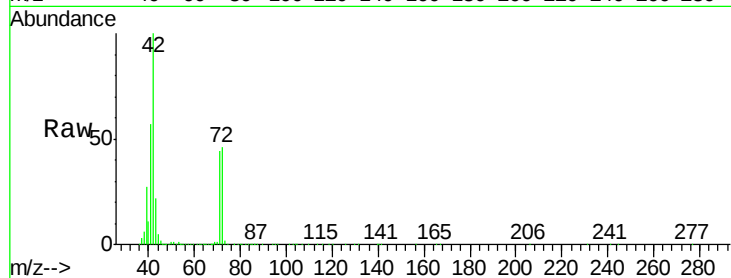
Tot Ion: 42 Resp: 284138

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

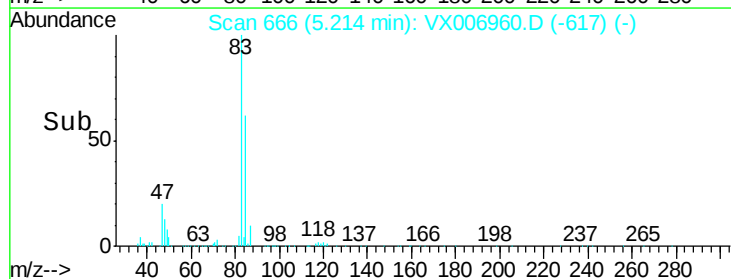
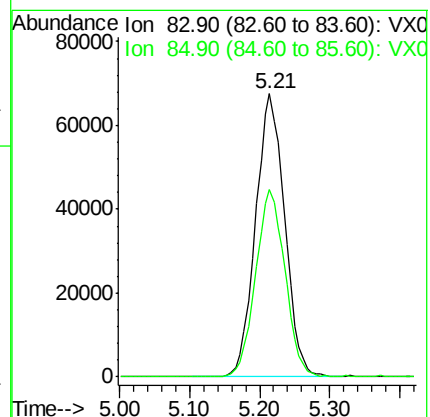
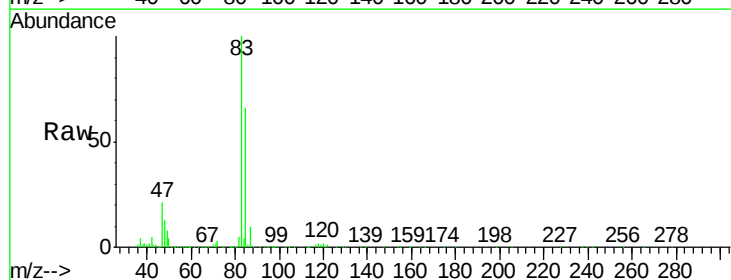
Acq: 09 Jan 2019 12:18

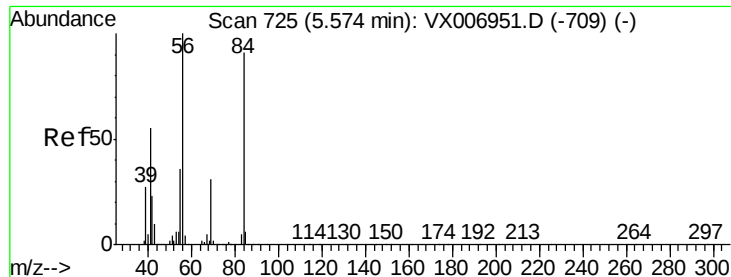
Tgt Ion: 83 Resp: 195808

Ion Ratio Lower Upper

83 100

85 66.1 51.2 76.8

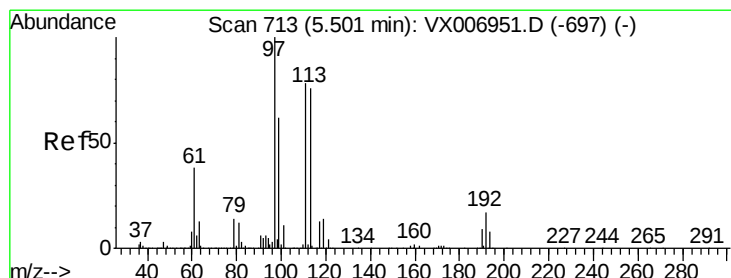
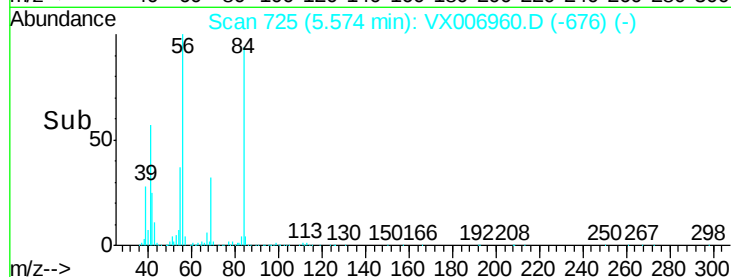
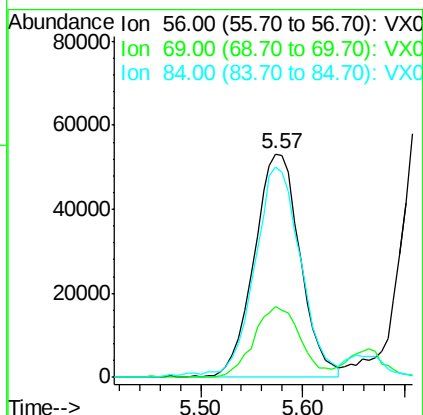
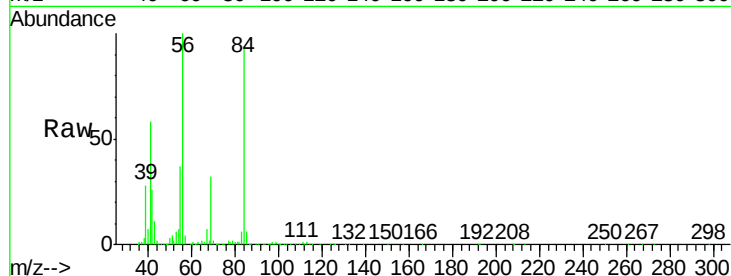




#31
Cyclohexane
Concen: 18.624 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

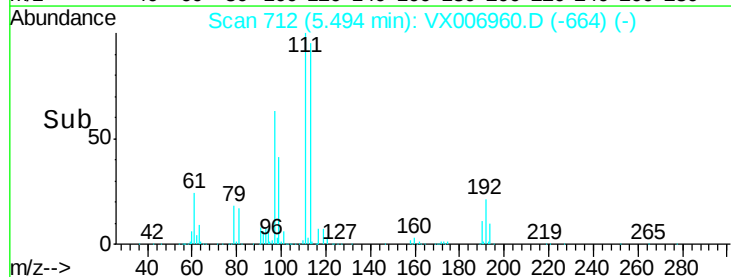
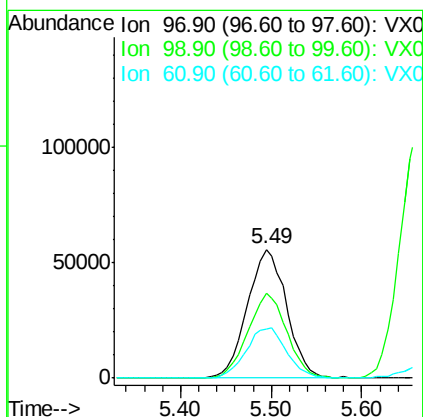
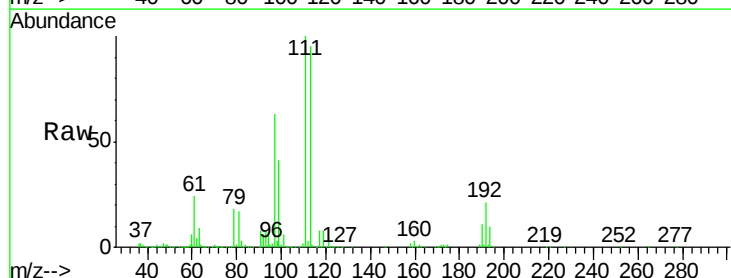
Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

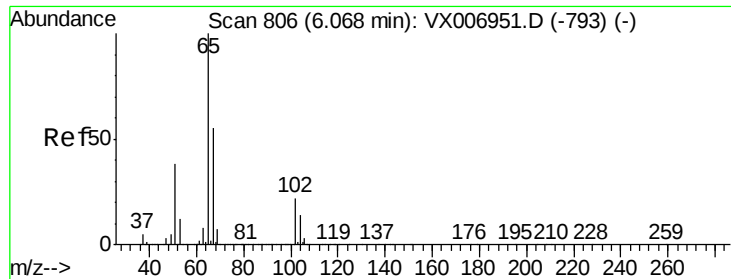
Tot Ion: 56 Resp: 164559
Ion Ratio Lower Upper
56 100
69 31.6 24.4 36.6
84 92.9 70.0 105.0



#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 :

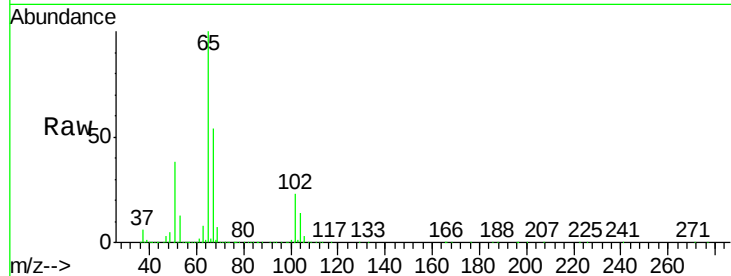
VX0109WBSD01

Tot Ion: 65 Resp: 295533

Ion Ratio Lower Upper

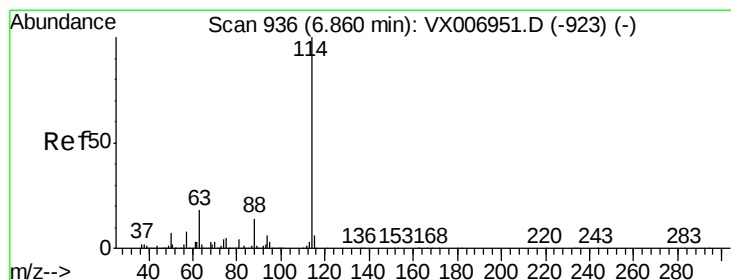
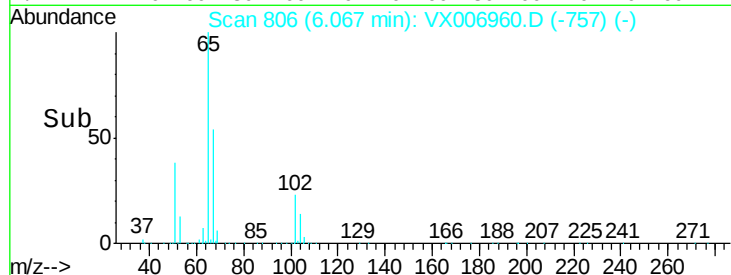
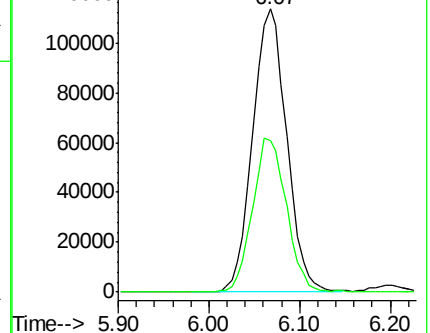
65 100

67 54.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

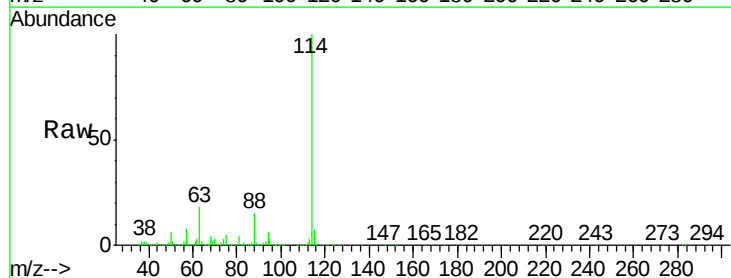
Tgt Ion: 114 Resp: 896691

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

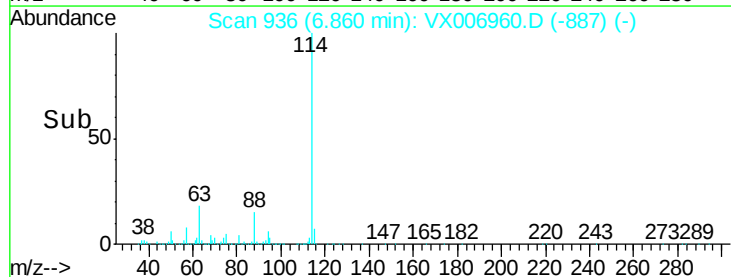
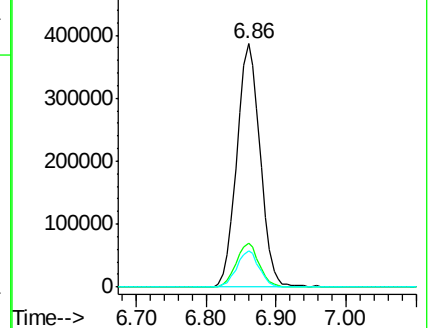
88 14.8 0.0 28.8

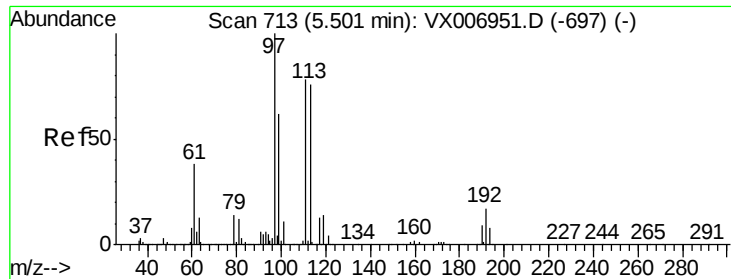


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 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

ClientSampleId :

VX0109WBSD01

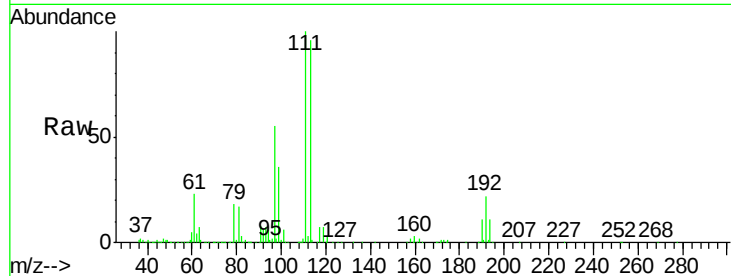
Tot Ion:113 Resp: 264972

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

192 22.8 16.7 25.1

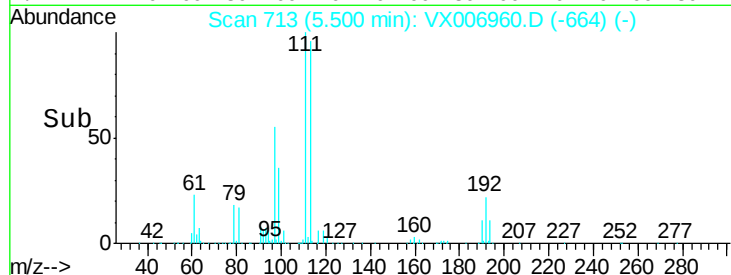


Abundance Ion 112.80 (112.50 to 113.50): V

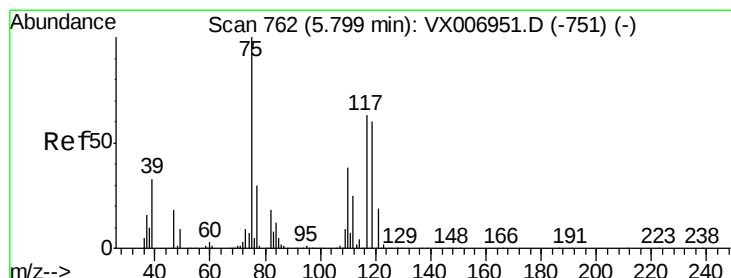
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



Time-->



#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

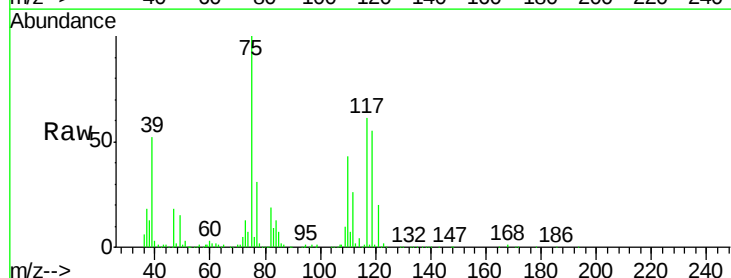
Tgt Ion: 75 Resp: 145164

Ion Ratio Lower Upper

75 100

110 41.0 20.2 60.5

77 30.6 24.8 37.2

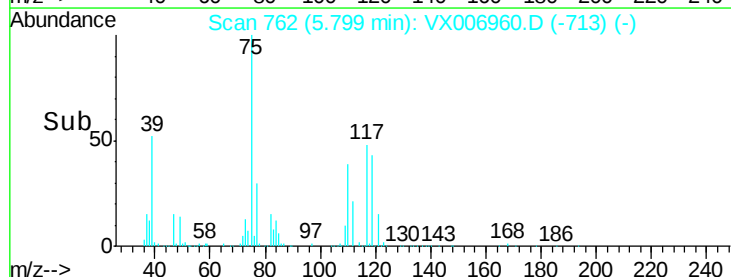


Abundance Ion 74.90 (74.60 to 75.60): VX0

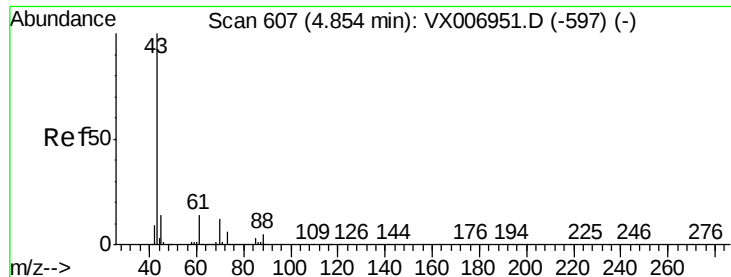
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

Time-->



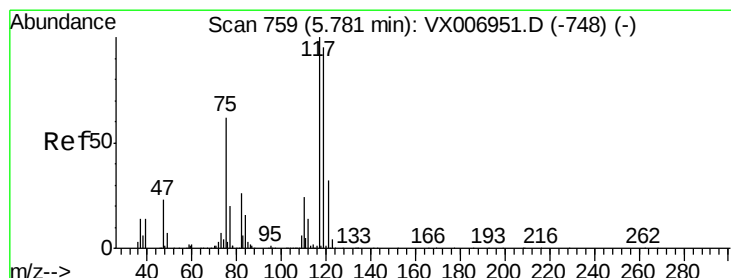
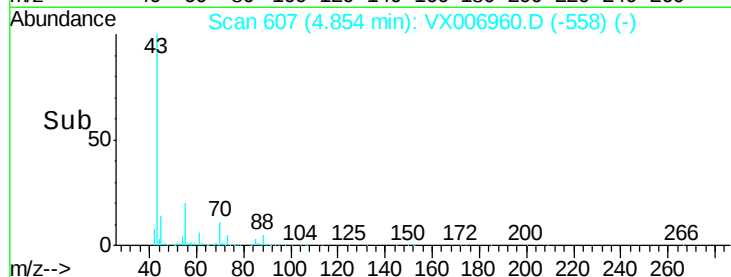
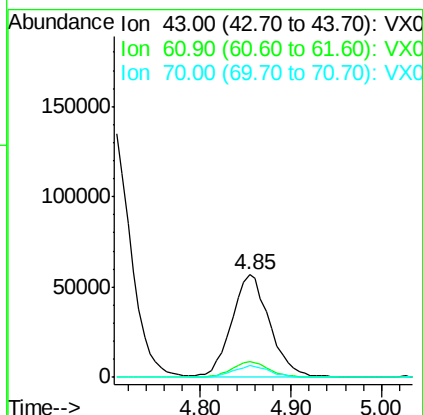
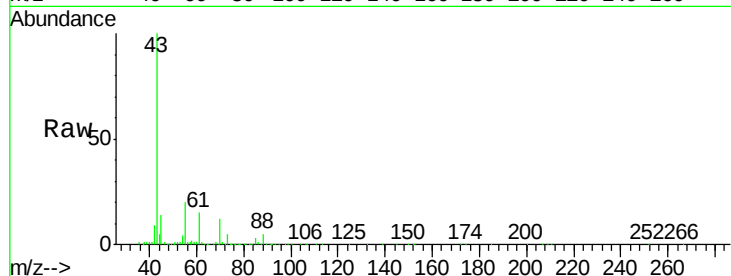
Time-->



#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

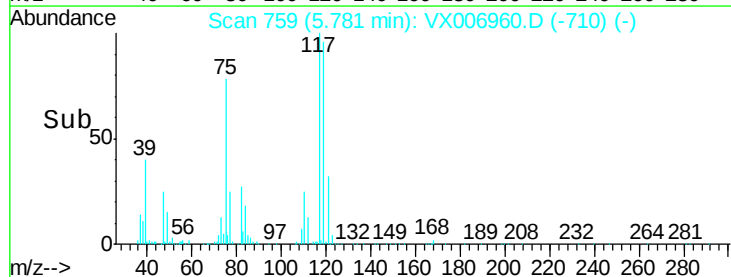
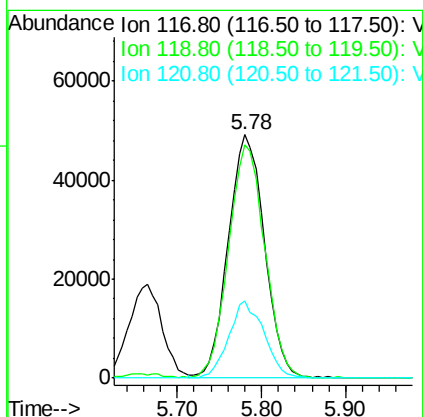
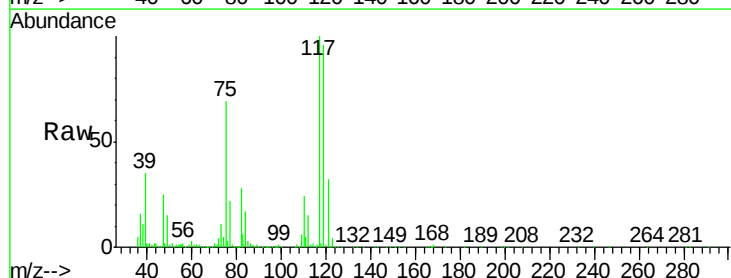
Instrument :
MSVOA_X
ClientSampleID :
VX0109WBSD01

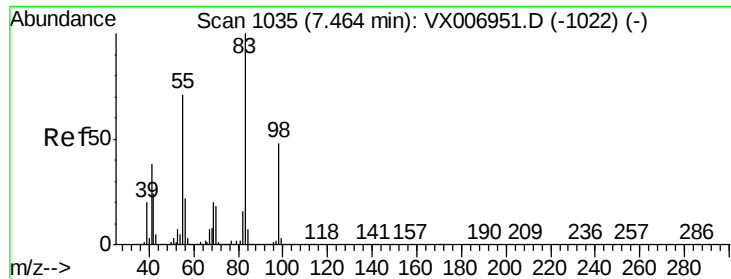
Tot Ion: 43 Resp: 163553
Ion Ratio Lower Upper
43 100
61 14.9 11.9 17.9
70 10.8 9.7 14.5



#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

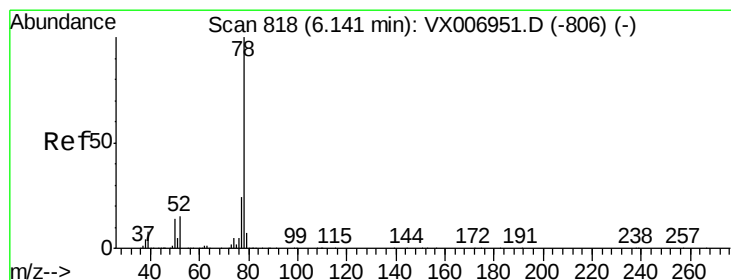
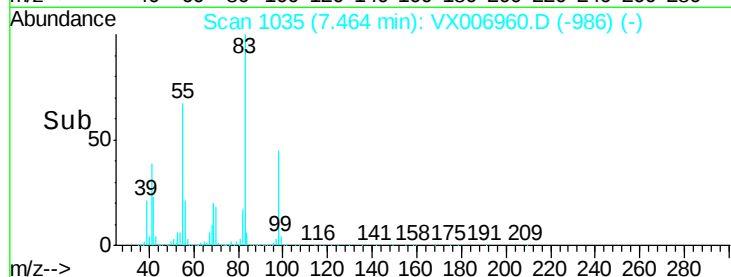
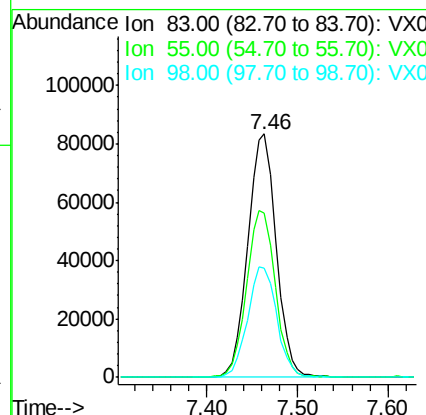
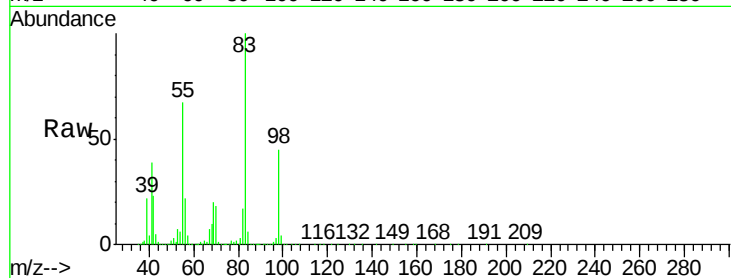




#39
Methvlcvclohexane
Concen: 18.276 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

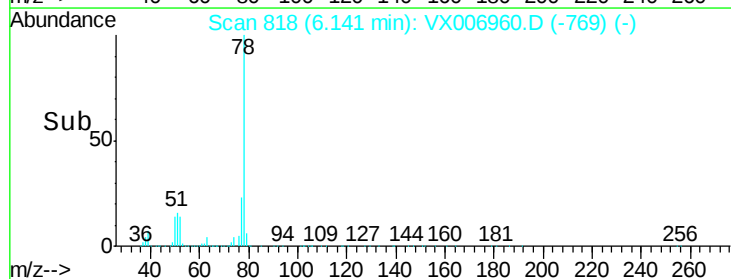
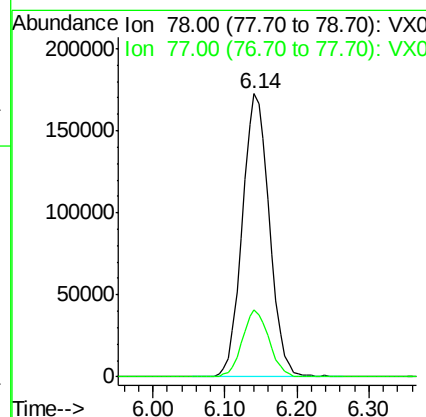
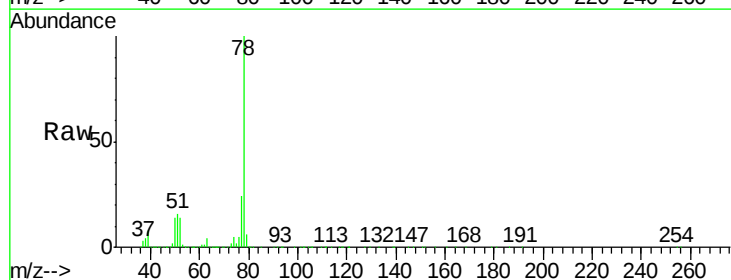
Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

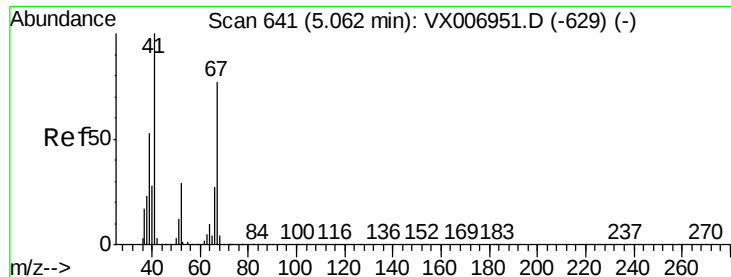
Tot Ion: 83 Resp: 181640
Ion Ratio Lower Upper
83 100
55 67.1 54.9 82.3
98 44.9 37.9 56.9



#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

ClientSampleId :

VX0109WBSD01

Tot Ion: 41 Resp: 87676

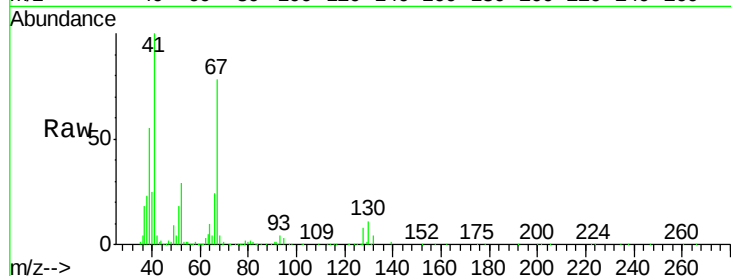
Ion Ratio Lower Upper

41 100

39 54.7 42.8 64.2

67 77.9 62.1 93.1

52 31.5 23.4 35.0

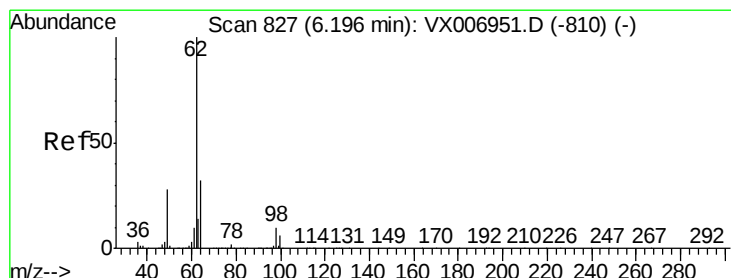
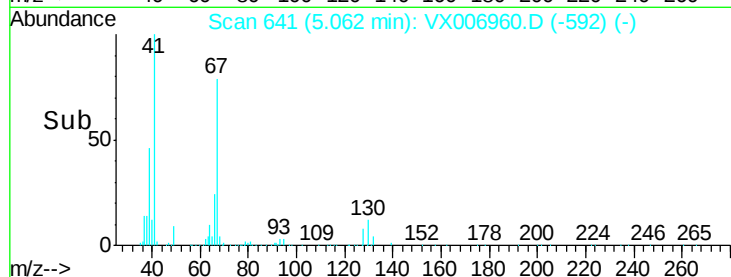
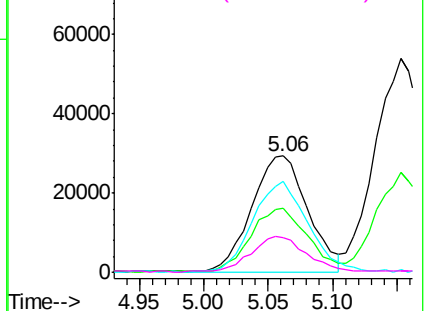


Abundance Ion 41.00 (40.70 to 41.70): VX0

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

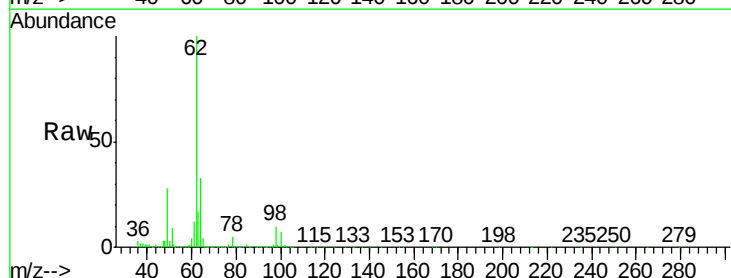
Acq: 09 Jan 2019 12:18

Tgt Ion: 62 Resp: 152878

Ion Ratio Lower Upper

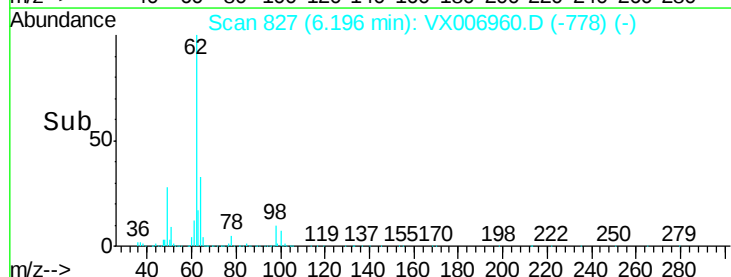
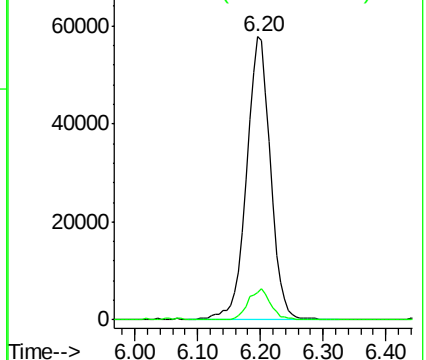
62 100

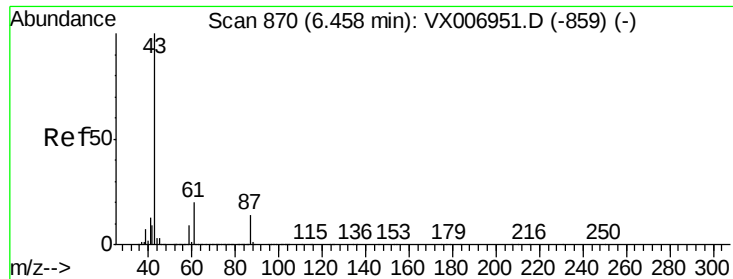
98 10.4 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



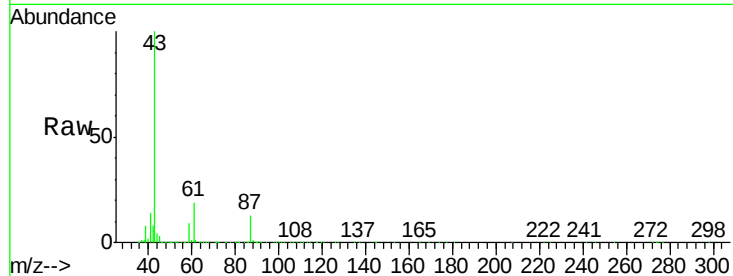


#43

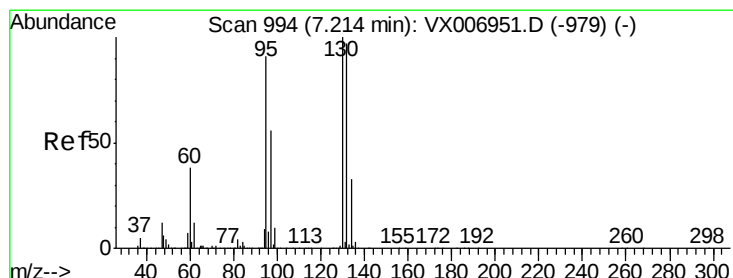
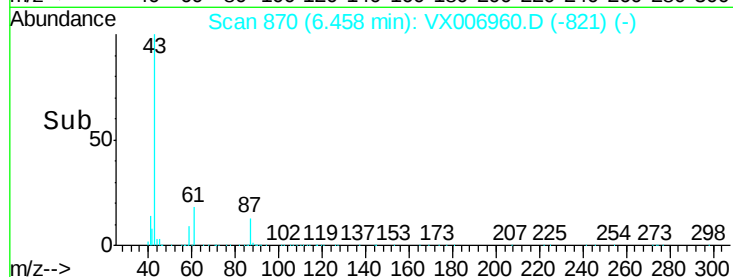
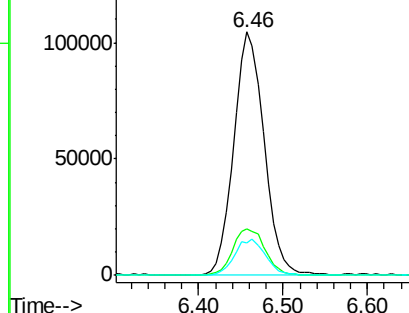
Isopropyl Acetate
 Concen: 19.230 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0109WBSD01

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



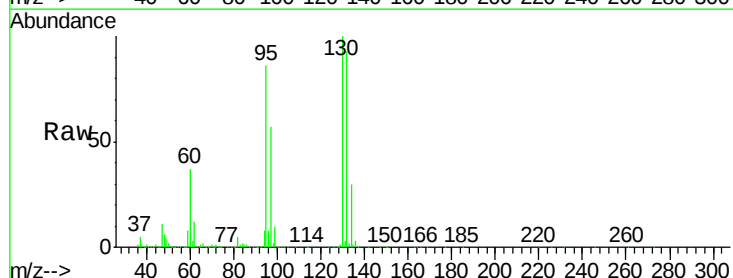
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



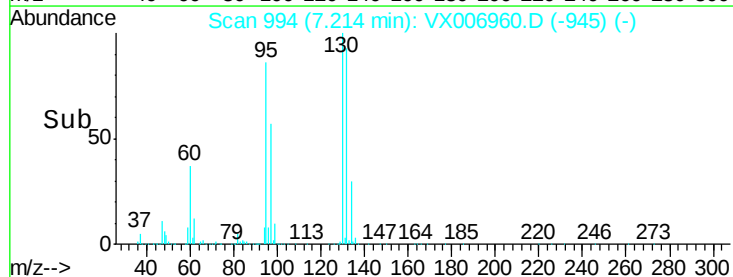
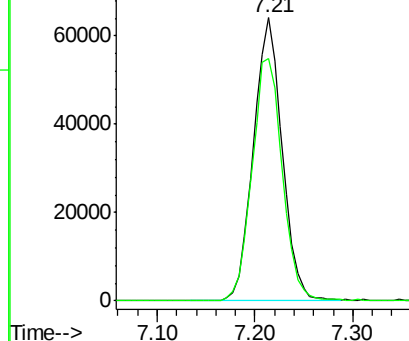
#44

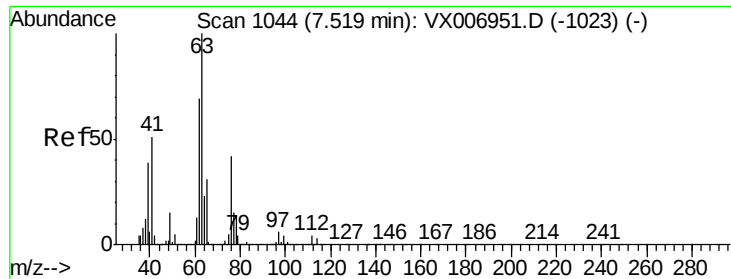
Trichloroethene
 Concen: 18.403 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

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

ClientSampleId :

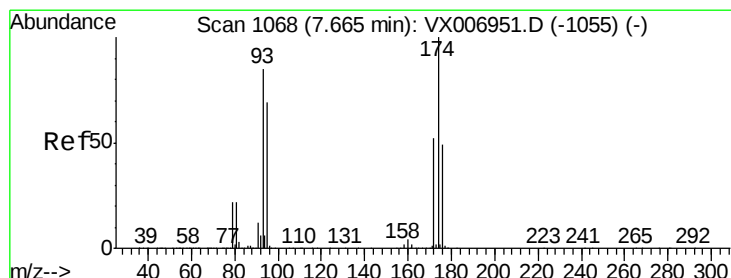
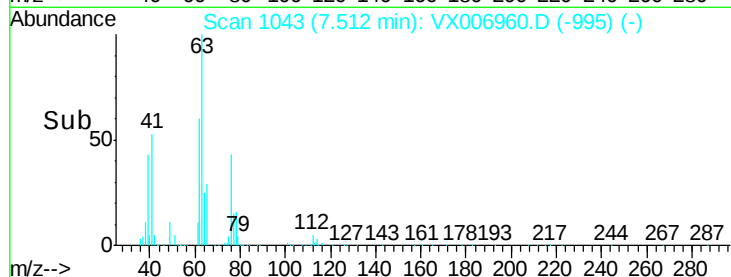
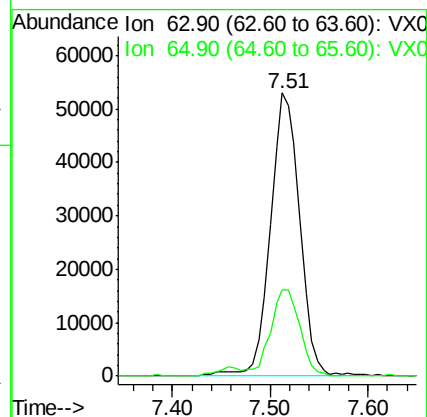
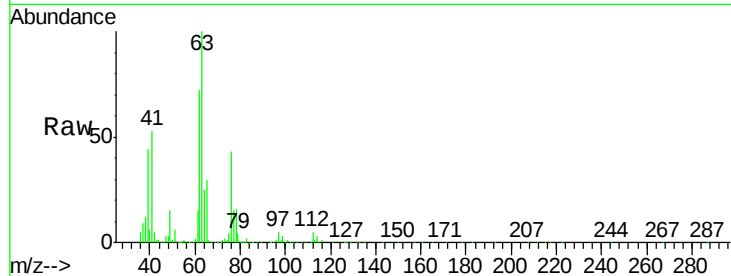
VX0109WBSD01

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

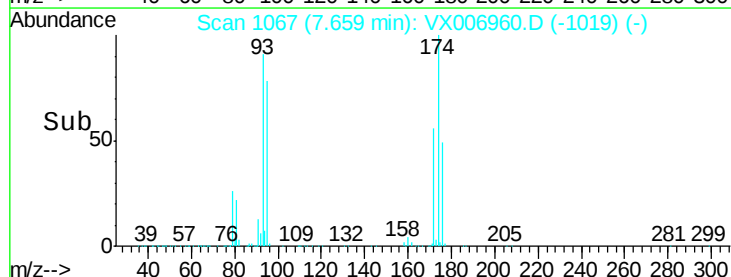
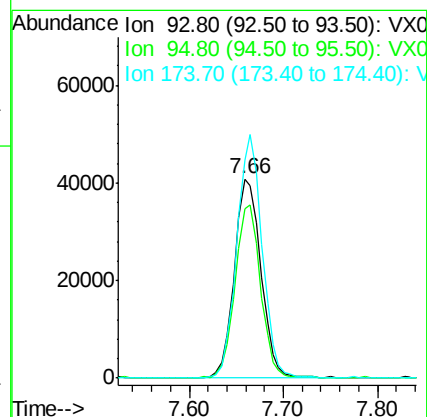
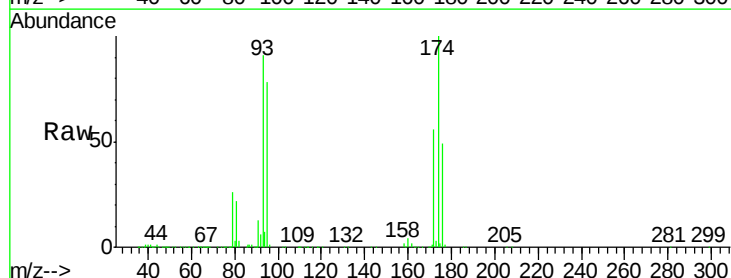
Tgt Ion: 93 Resp: 80477

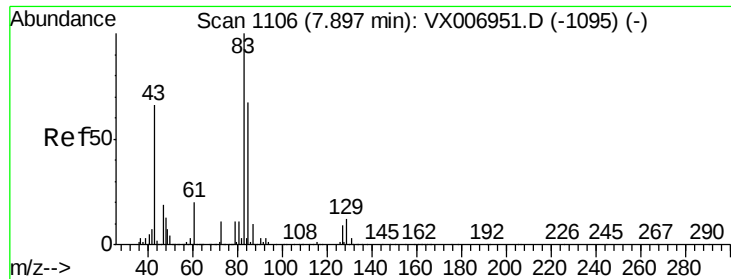
Ion Ratio Lower Upper

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 :

VX0109WBSD01

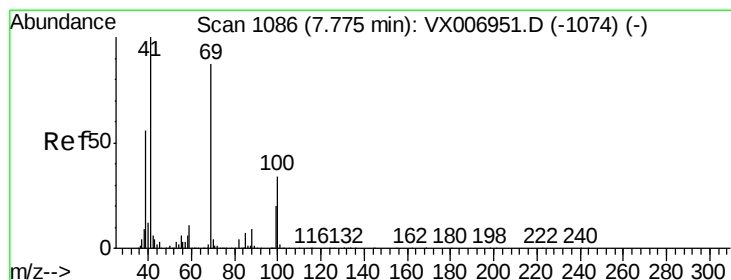
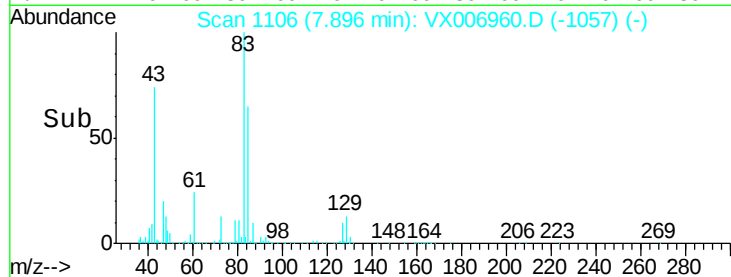
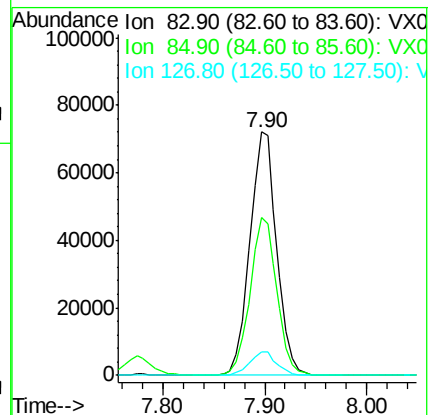
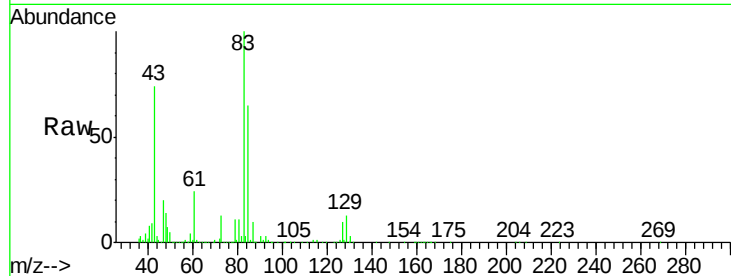
Tot Ion: 83 Resp: 131742

Ion Ratio Lower Upper

83 100

85 64.8 53.2 79.8

127 9.7 7.8 11.6



#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

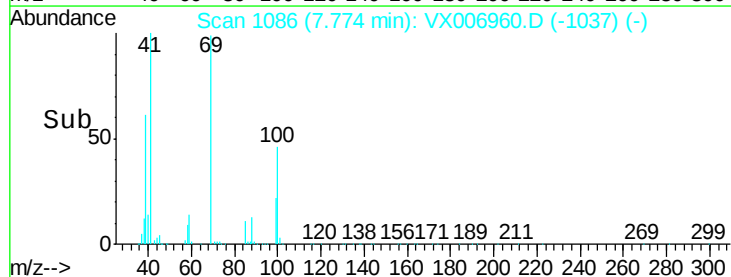
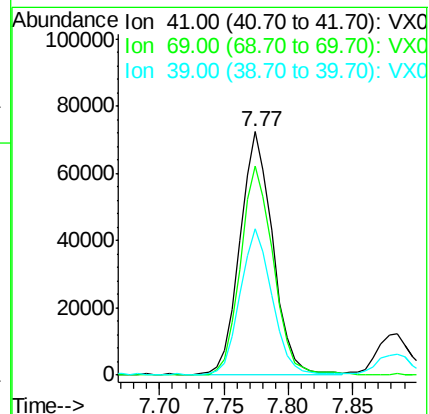
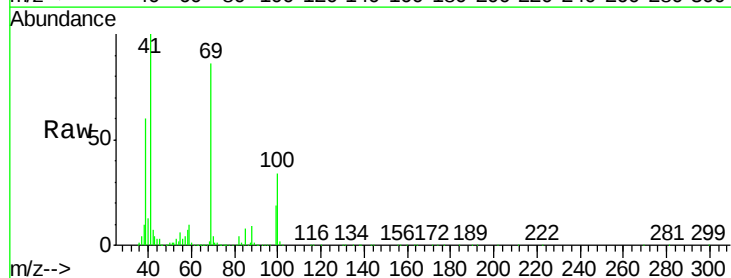
Tgt Ion: 41 Resp: 127426

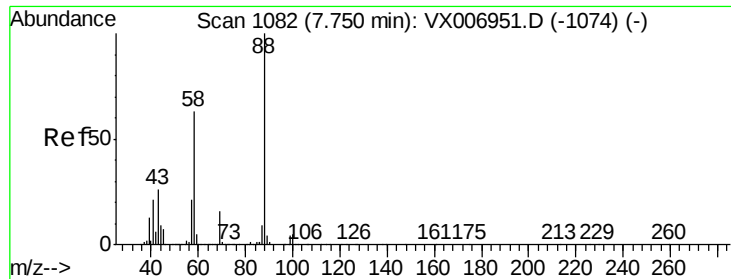
Ion Ratio Lower Upper

41 100

69 86.6 72.4 108.6

39 58.1 45.8 68.8





#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 :

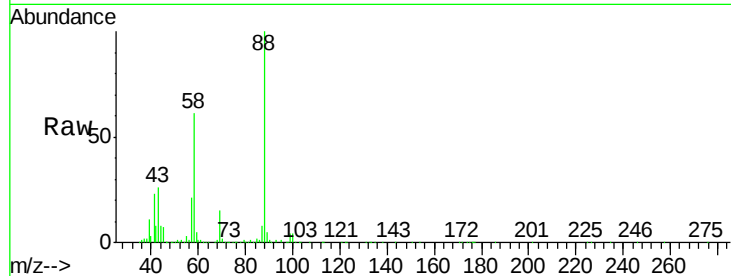
MSVOA_X

ClientSampleId :

VX0109WBSD01

Tot Ion: 88 Resp: 61235

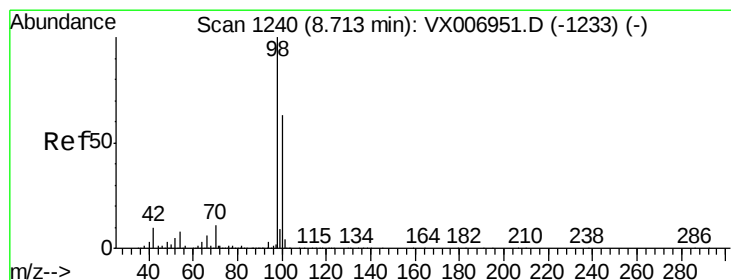
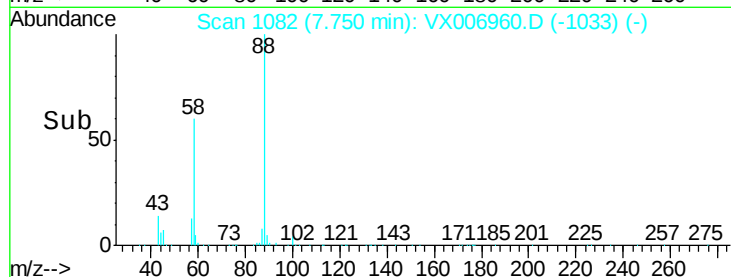
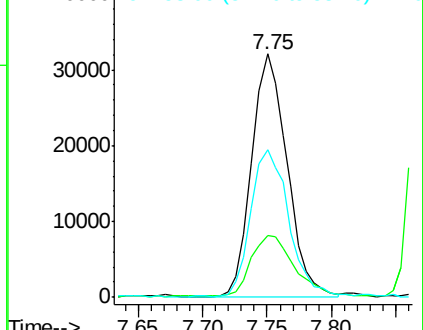
Ion	Ratio	Lower	Upper
88	100		
43	30.2	22.2	33.4
58	65.2	51.0	76.4



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

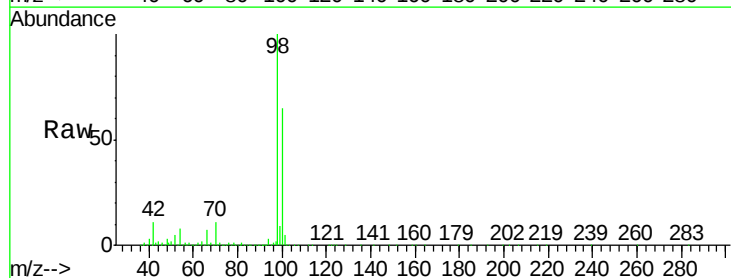
Delta R.T. -0.00 min

Lab File: VX006960.D

Acq: 09 Jan 2019 12:18

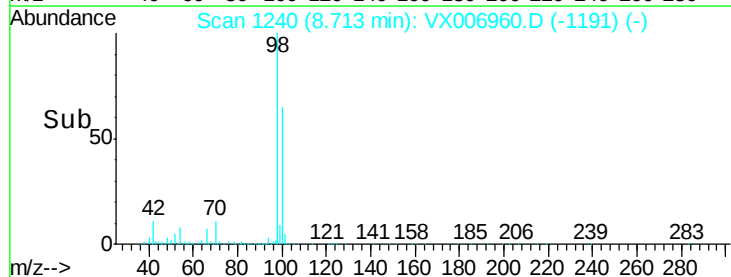
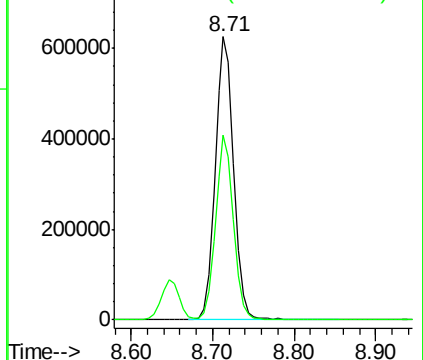
Tgt Ion: 98 Resp: 992356

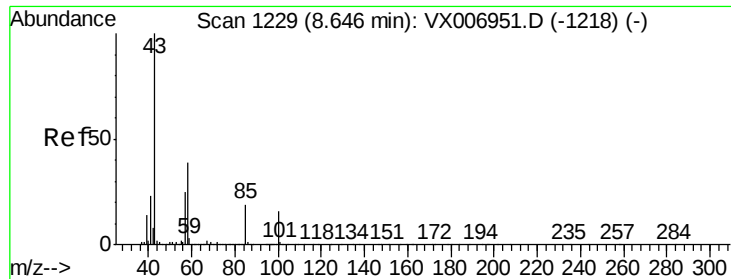
Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.0	78.0



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 :

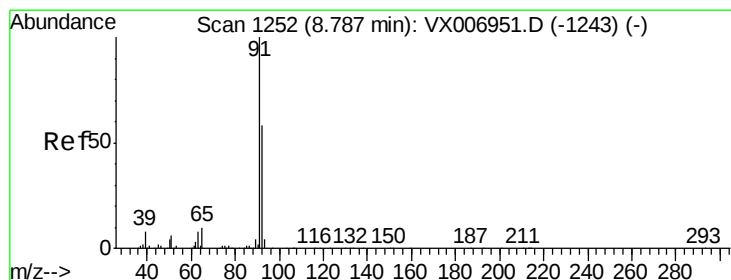
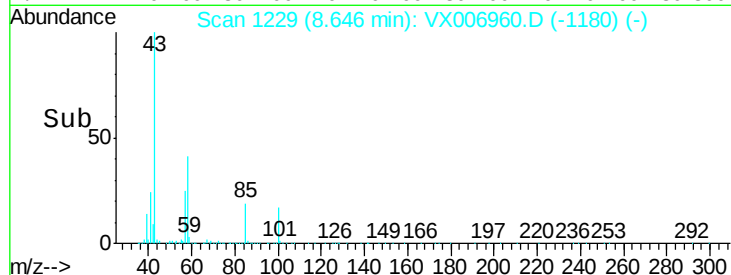
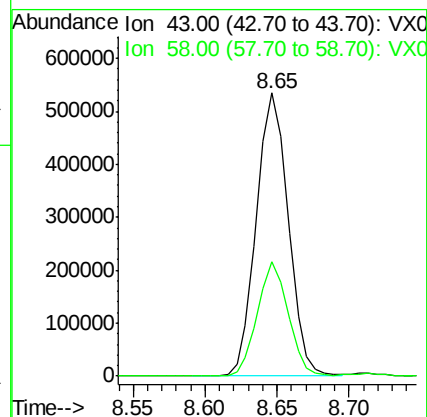
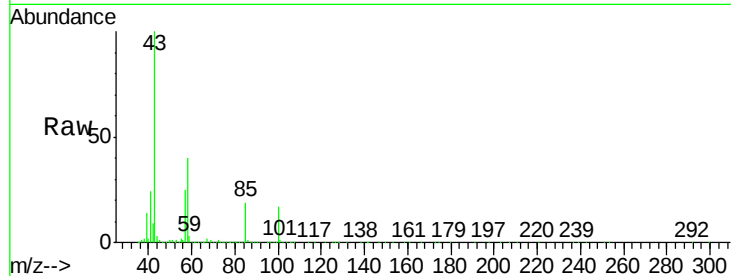
VX0109WBSD01

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

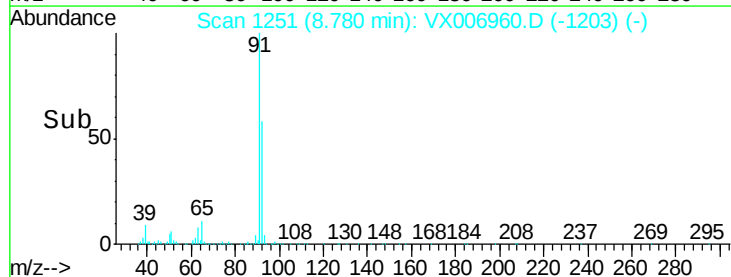
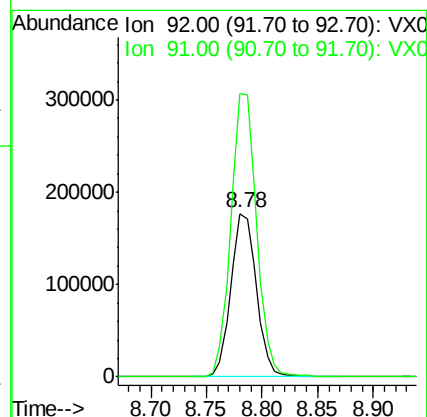
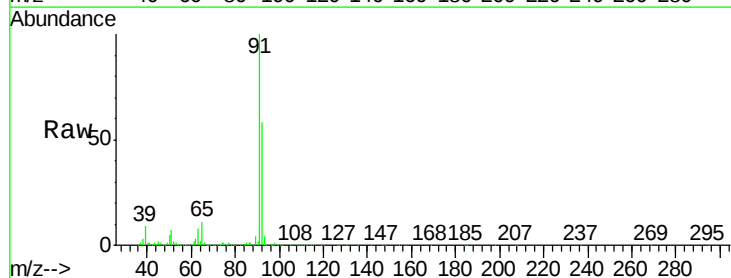
Acq: 09 Jan 2019 12:18

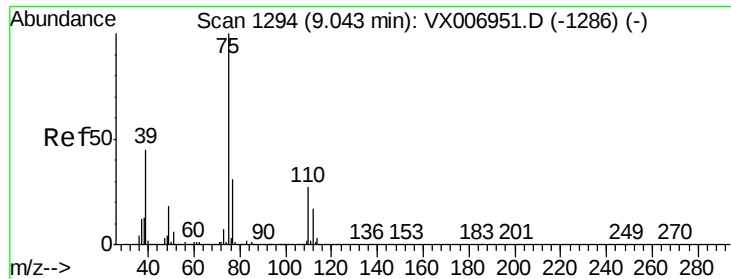
Tgt Ion: 92 Resp: 282159

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

ClientSampleId :

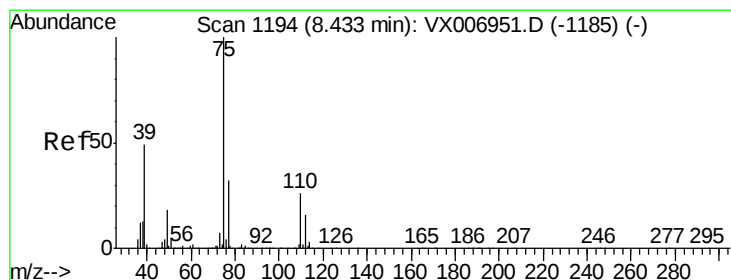
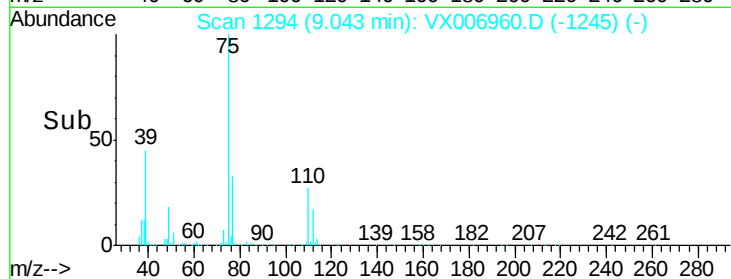
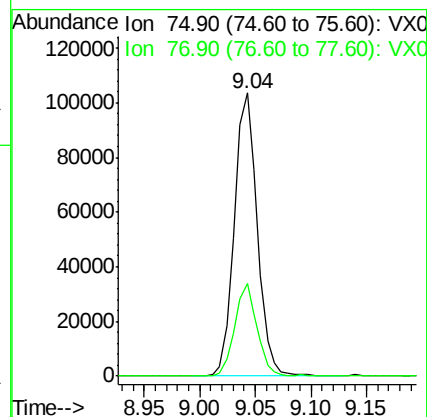
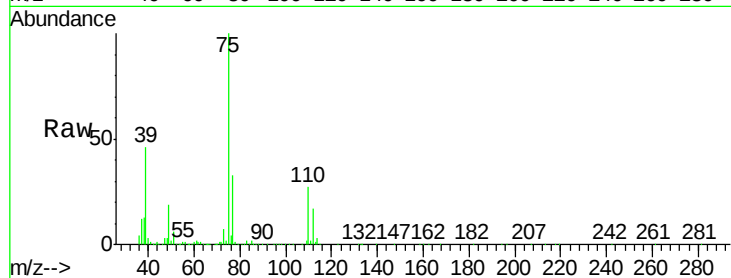
VX0109WBSD01

Tot Ion: 75 Resp: 147792

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0



#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

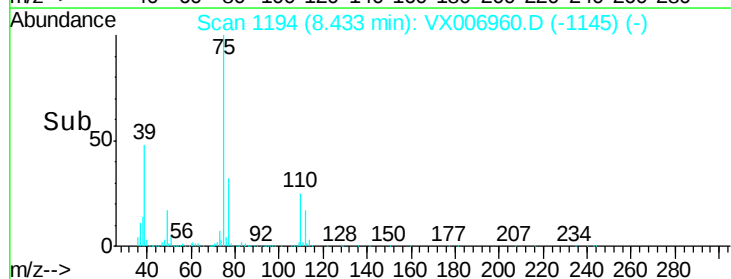
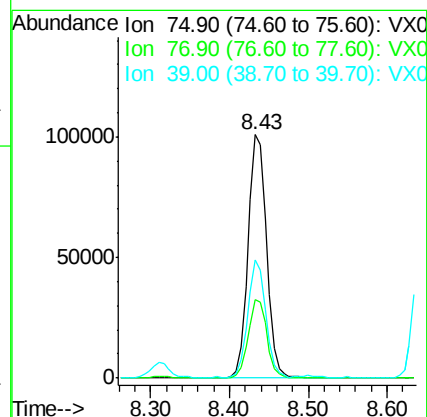
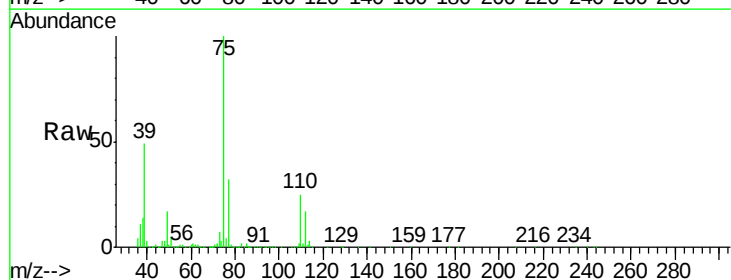
Tgt Ion: 75 Resp: 164091

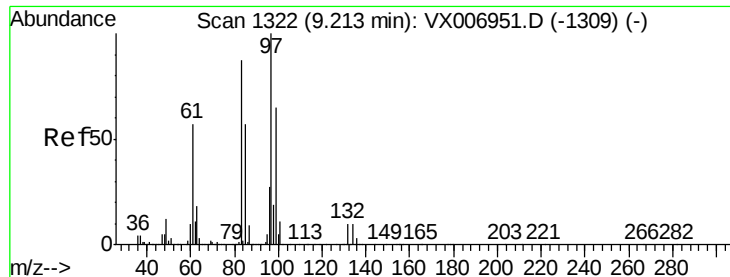
Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

39 48.5 36.7 55.1

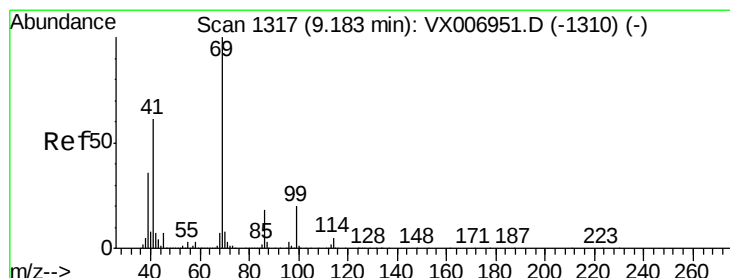
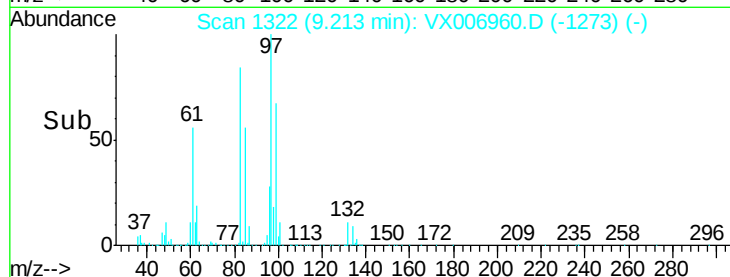
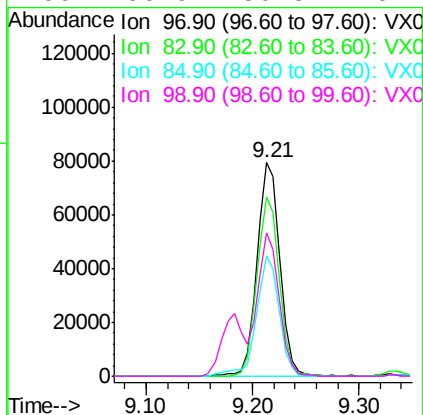
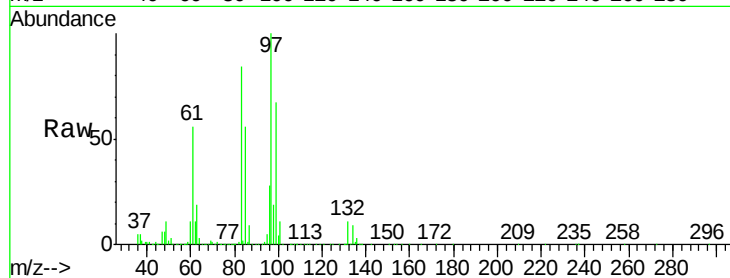




#55
 1,1,2-Trichloroethane
 Concen: 19.541 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

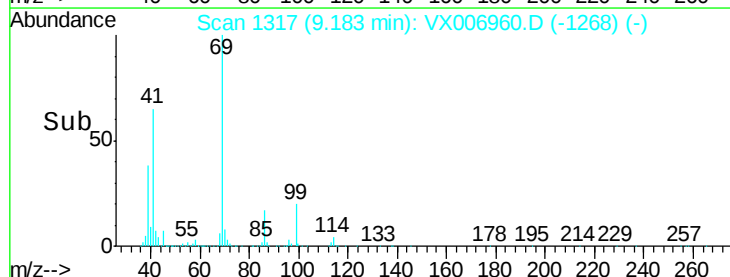
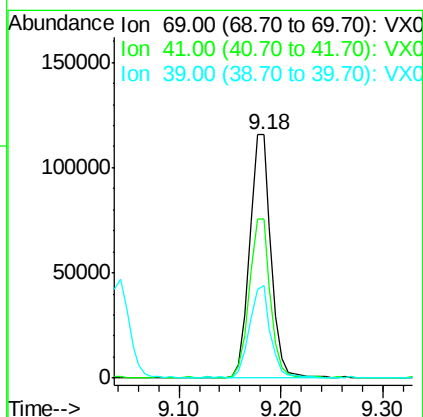
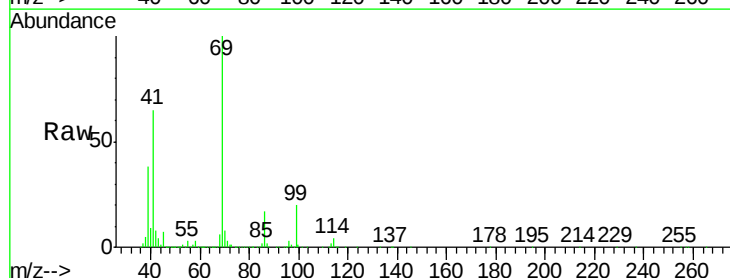
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBSD01

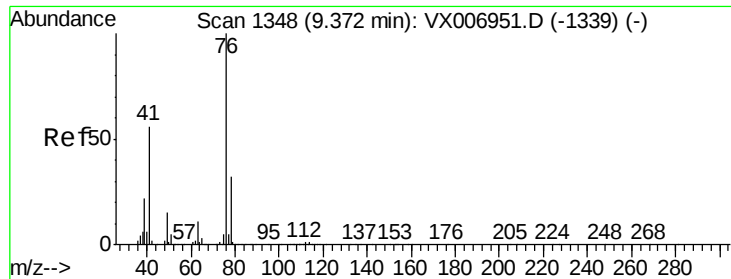
Tot Ion:	97	Resp:	119585
Ion	Ratio	Lower	Upper
97	100		
83	83.8	66.6	99.8
85	56.0	42.7	64.1
99	66.9	50.8	76.2



#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





#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

ClientSampled :

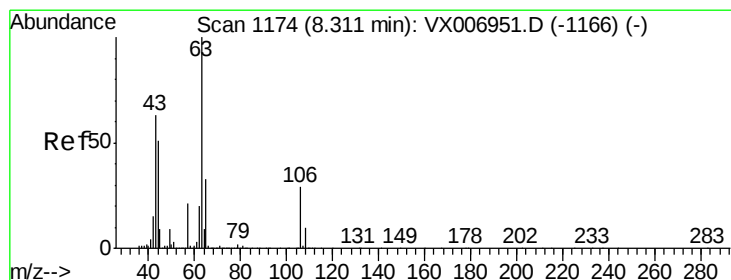
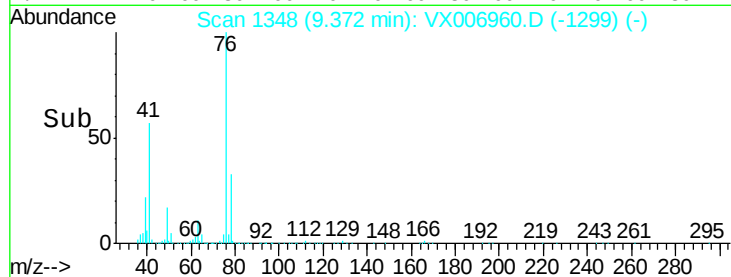
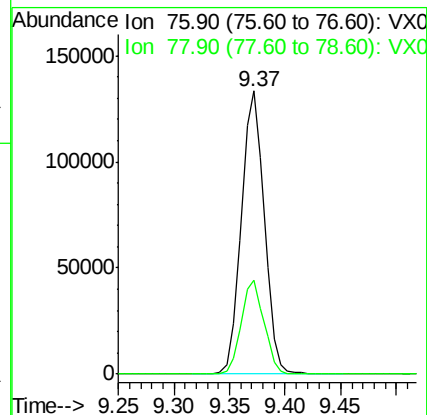
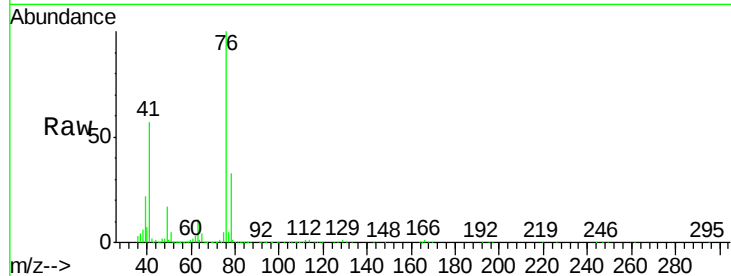
VX0109WBSD01

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

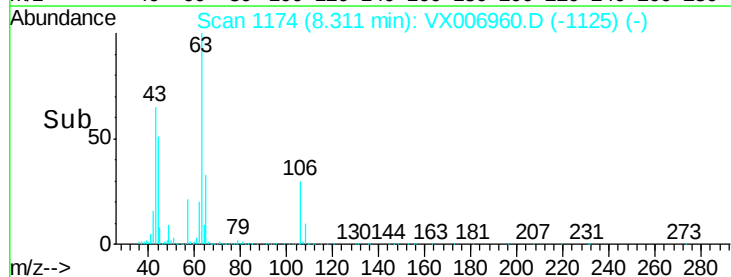
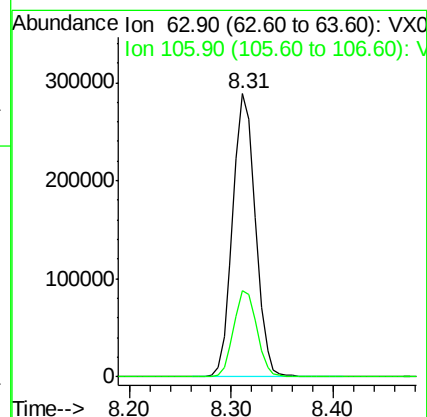
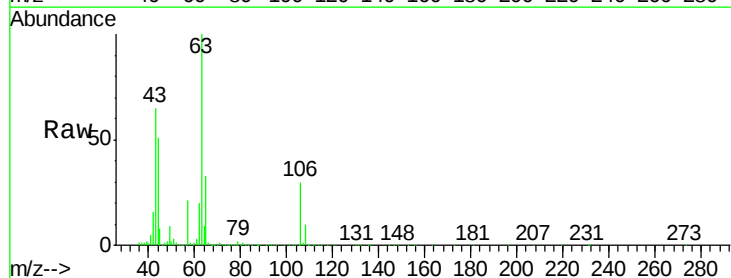
Acq: 09 Jan 2019 12:18

Tgt Ion: 63 Resp: 445490

Ion Ratio Lower Upper

63 100

106 31.1 24.6 36.8

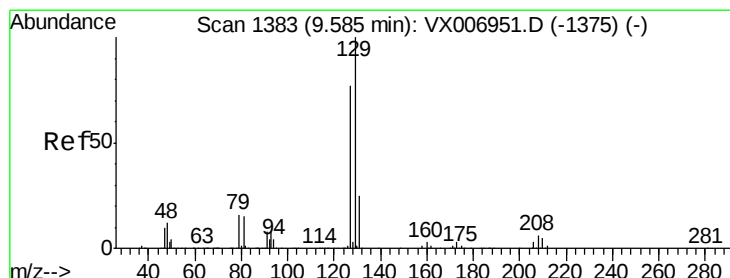
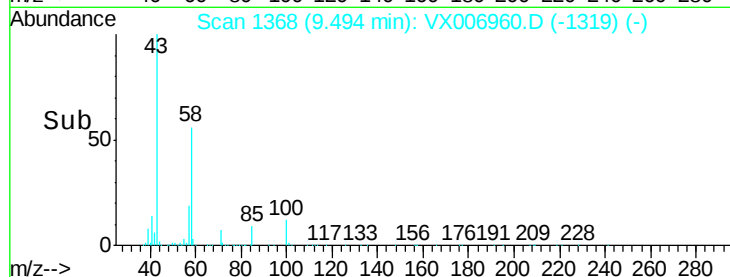
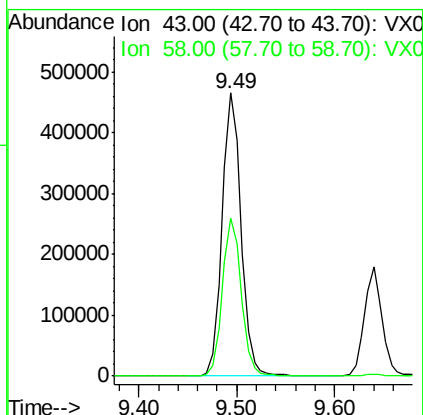
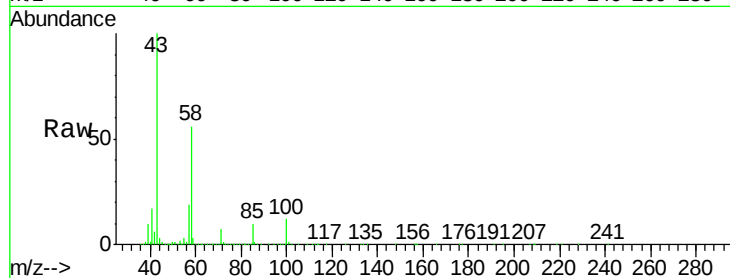




#59
2-Hexanone
Concen: 97.008 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

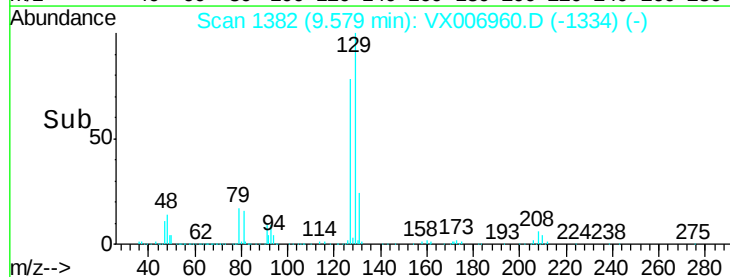
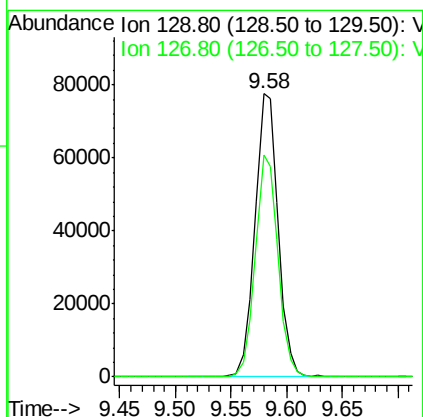
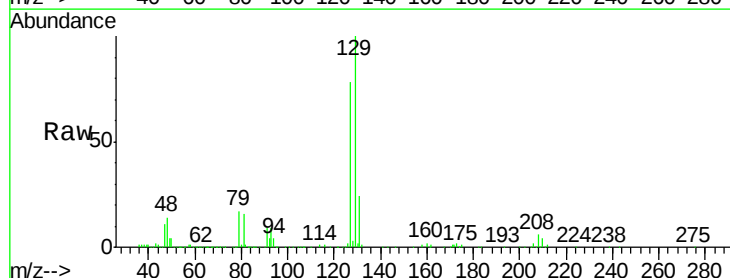
Instrument :
MSVOA_X
ClientSampled :
VX0109WBSD01

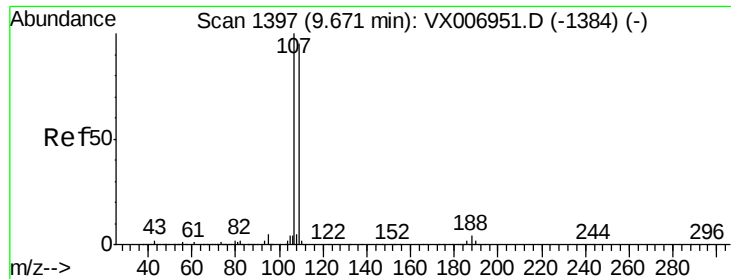
Tot Ion: 43 Resp: 626338
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.1



#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 :

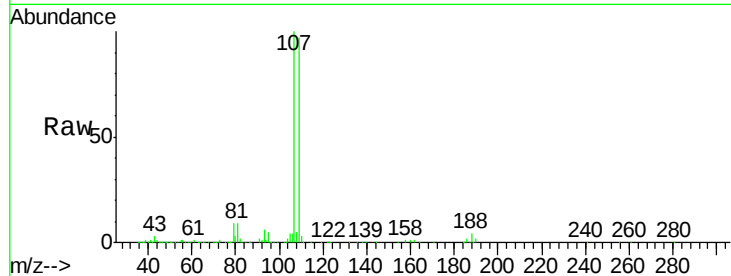
VX0109WBSD01

Tot Ion:107 Resp: 128100

Ion Ratio Lower Upper

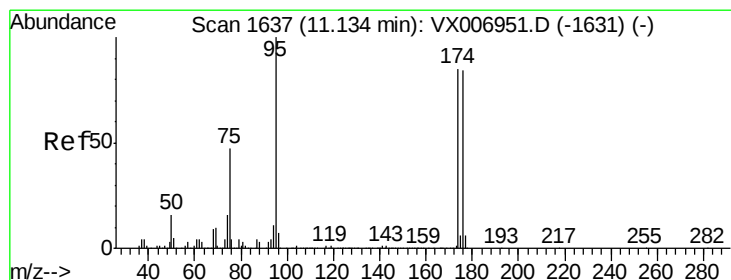
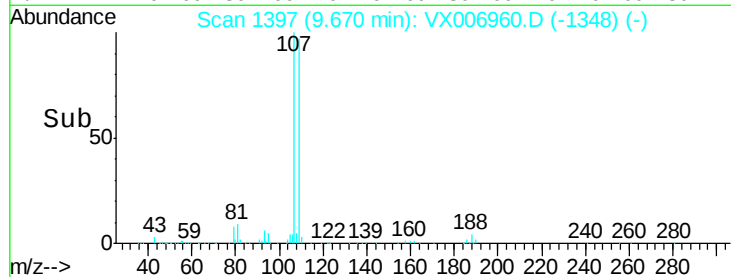
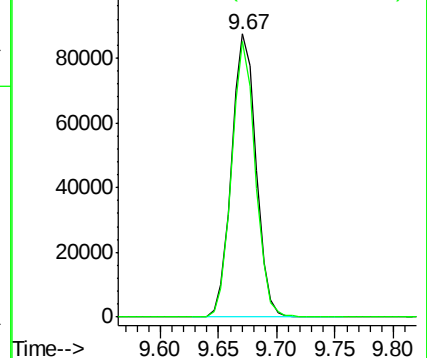
107 100

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

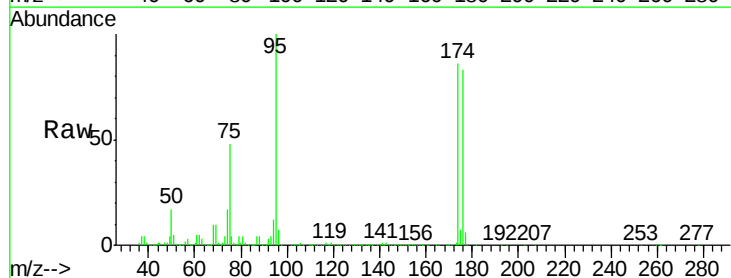
Tgt Ion: 95 Resp: 346518

Ion Ratio Lower Upper

95 100

174 93.3 0.0 182.2

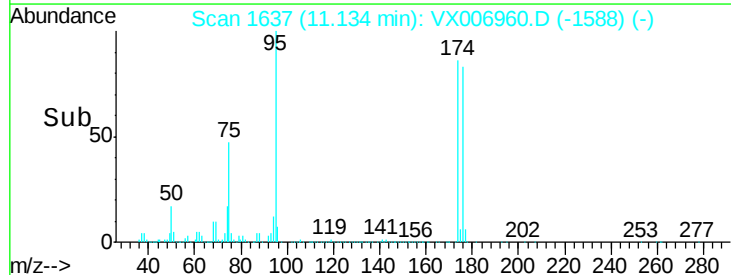
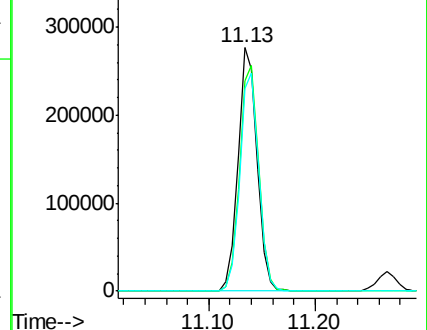
176 89.9 0.0 178.8

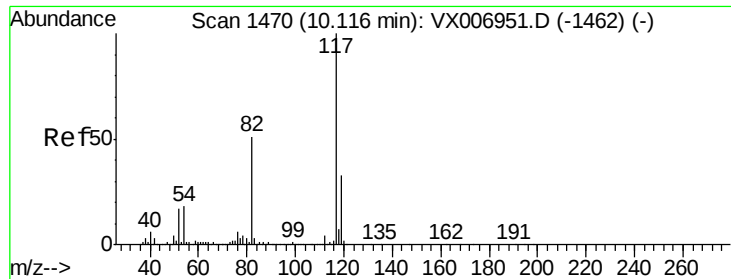


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

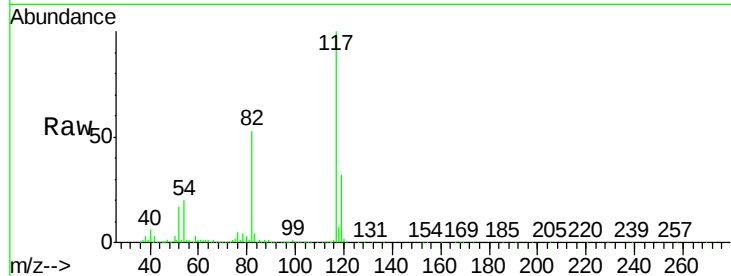




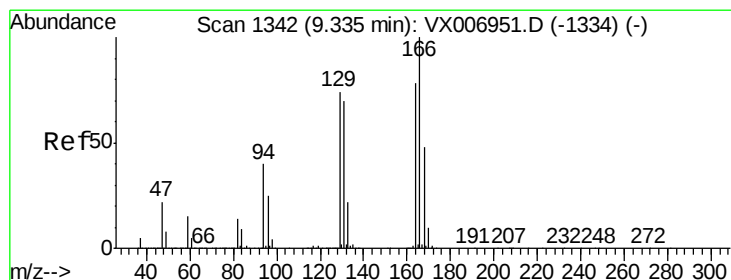
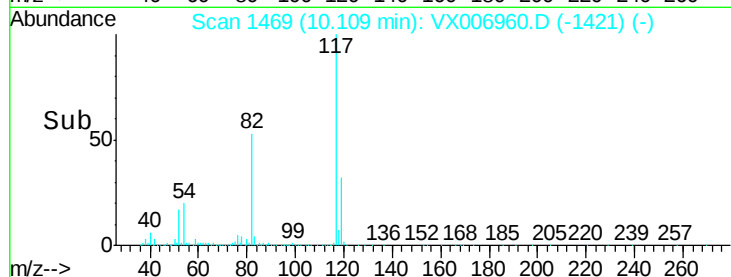
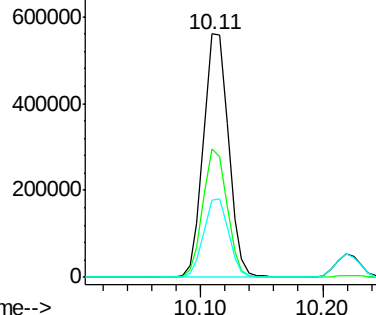
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

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

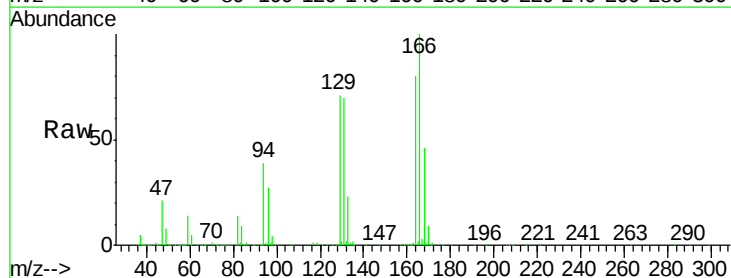


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

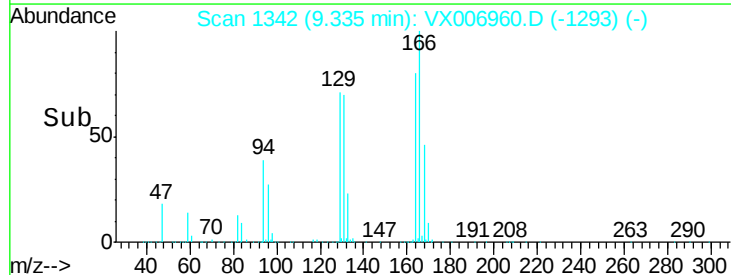
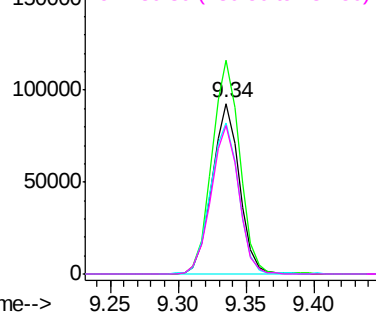


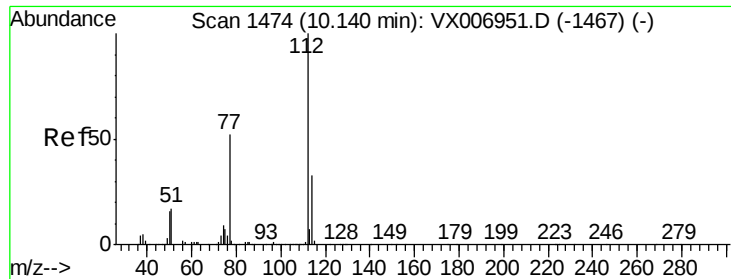
#64
Tetrachloroethene
Concen: 18.987 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

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



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





#65

Chlorobenzene

Concen: 18.923 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

ClientSampleId :

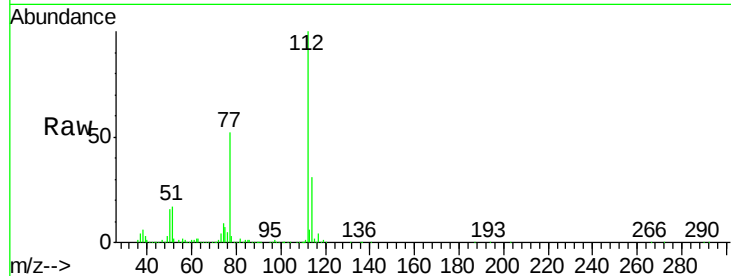
VX0109WBSD01

Tot Ion:112 Resp: 327177

Ion Ratio Lower Upper

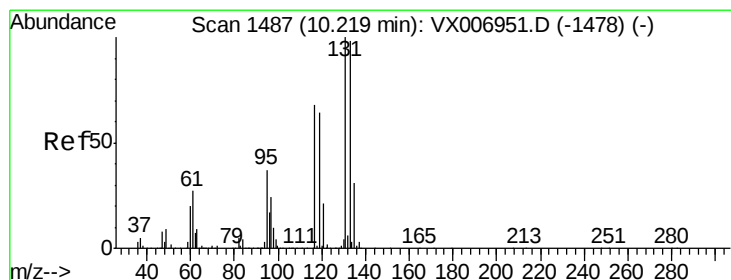
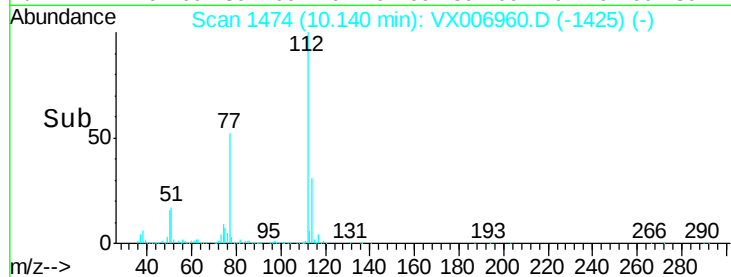
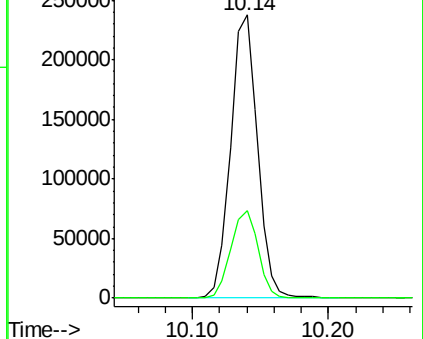
112 100

114 31.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 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

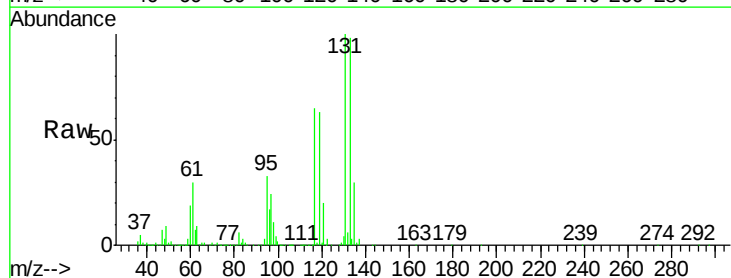
Tgt Ion:131 Resp: 115569

Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.2

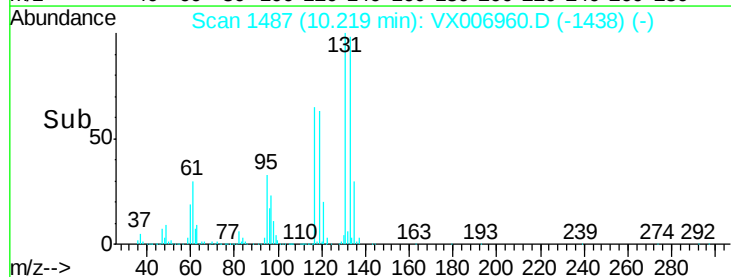
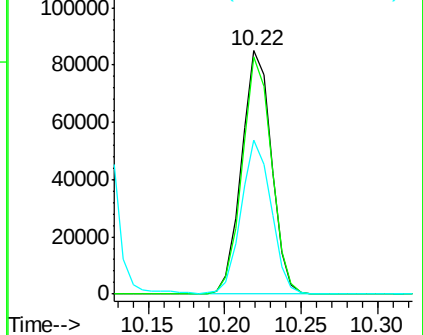
119 63.2 32.6 97.8

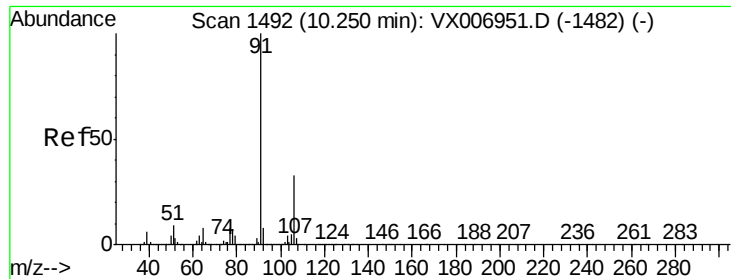


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 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 :

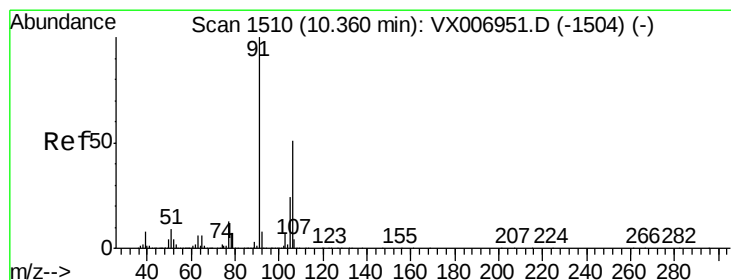
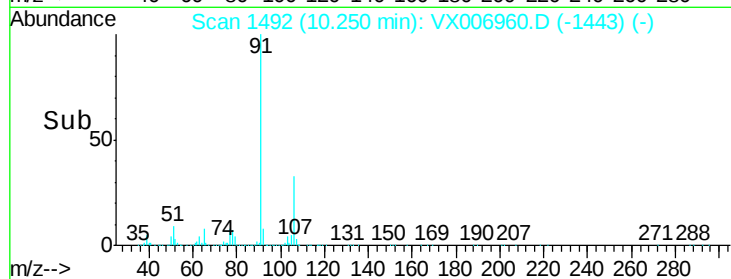
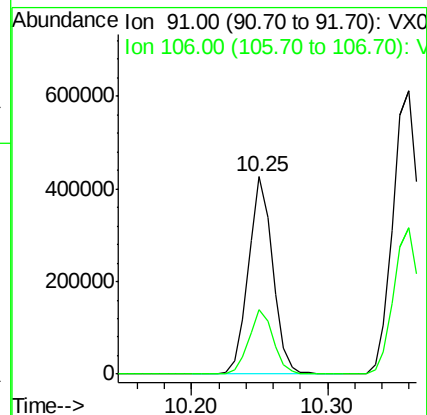
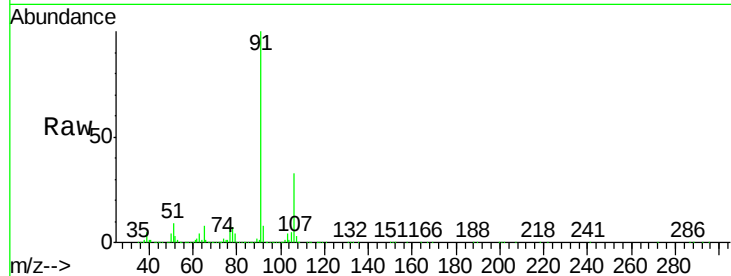
VX0109WBSD01

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

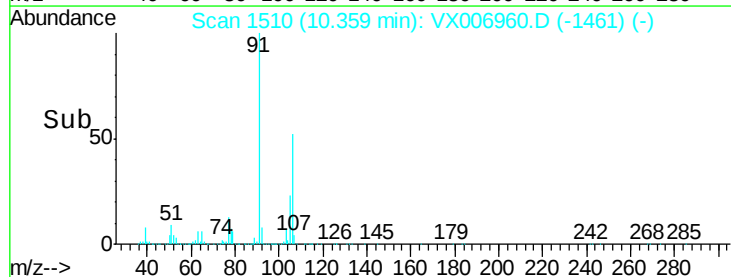
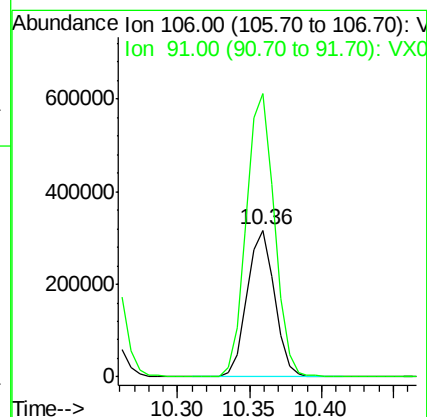
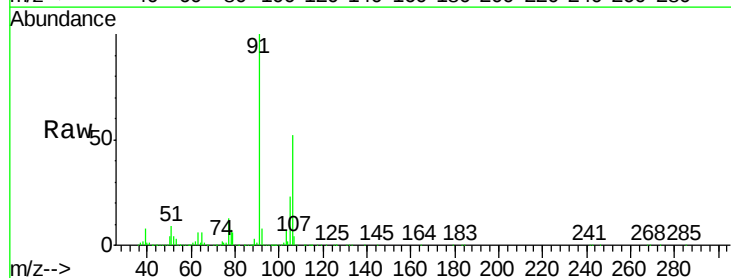
Acq: 09 Jan 2019 12:18

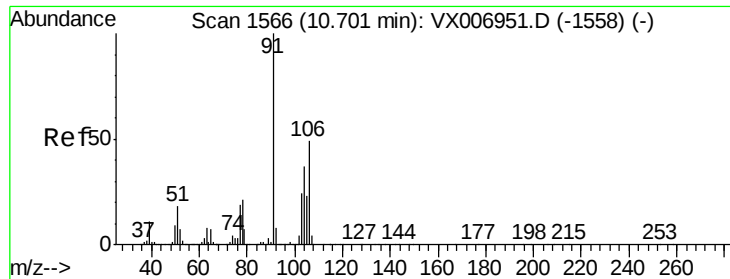
Tgt Ion: 106 Resp: 418208

Ion Ratio Lower Upper

106 100

91 198.5 155.8 233.6

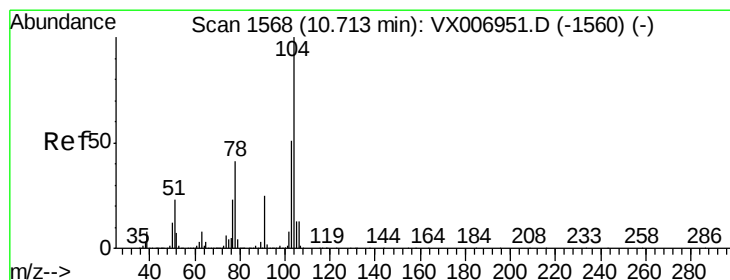
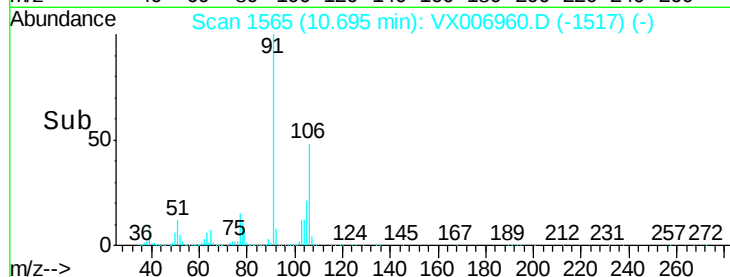
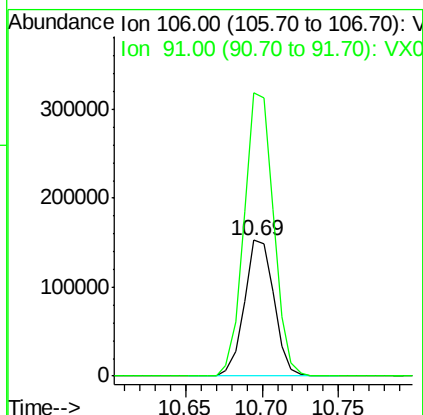
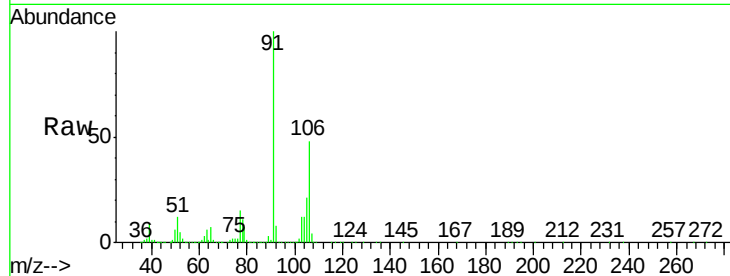




#69
o-Xylene
Concen: 18.770 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

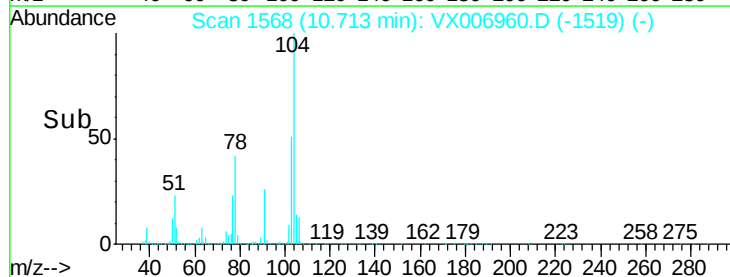
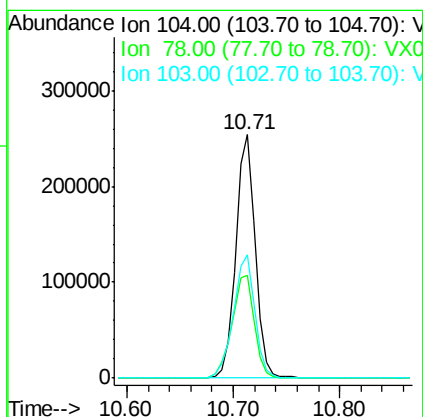
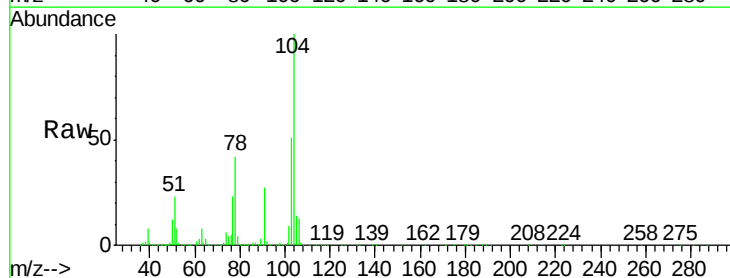
Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

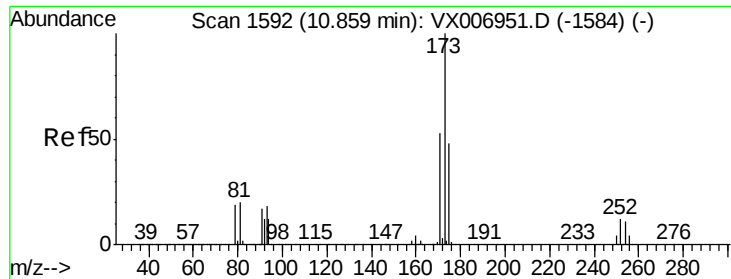
Tot Ion:106 Resp: 205861
Ion Ratio Lower Upper
106 100
91 207.0 101.3 303.7



#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

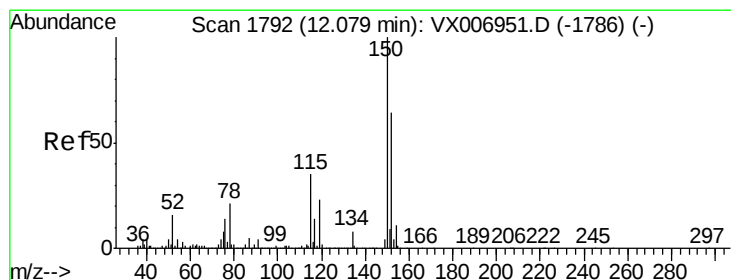
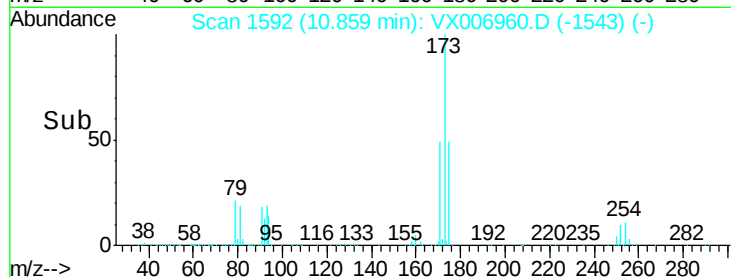
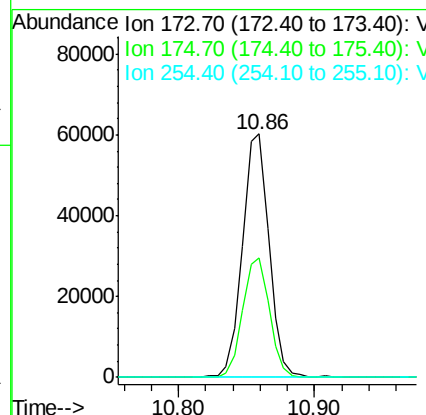
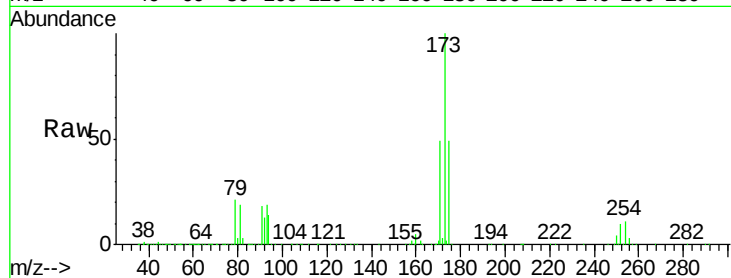




#71
Bromoform
Concen: 19.013 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

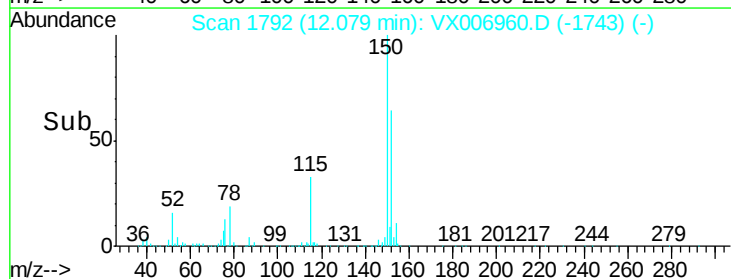
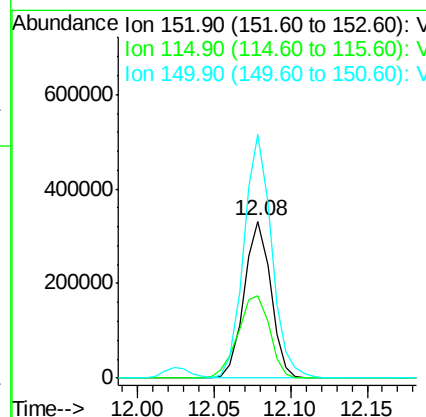
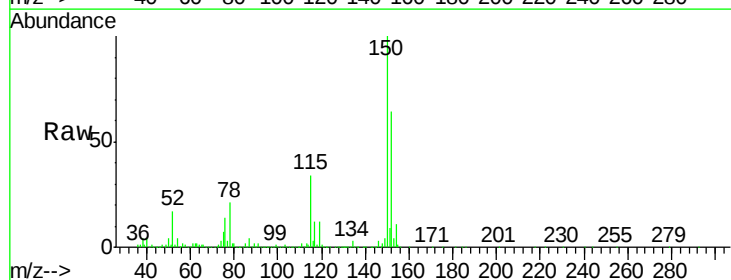
Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

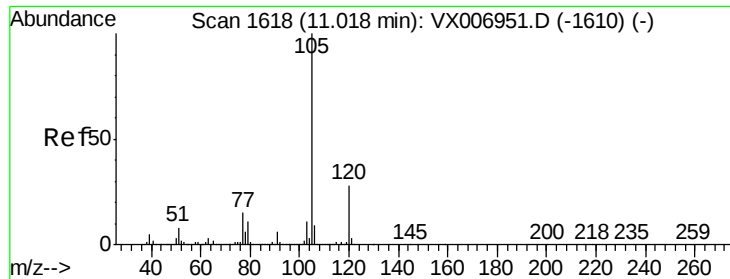
Tot Ion:173 Resp: 82100
Ion Ratio Lower Upper
173 100
175 49.3 24.7 74.1
254 0.1 0.2 0.2#



#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





#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 :

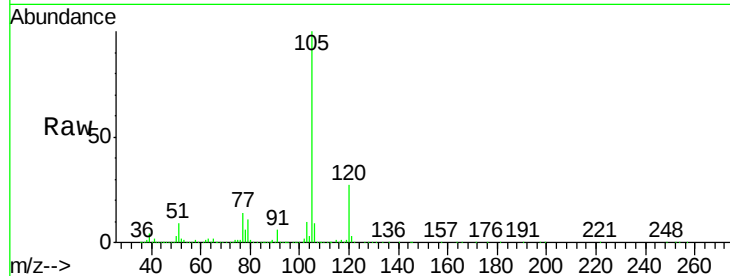
VX0109WBSD01

Tot Ion:105 Resp: 546424

Ion Ratio Lower Upper

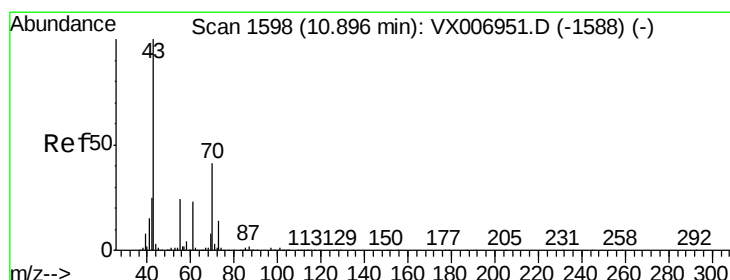
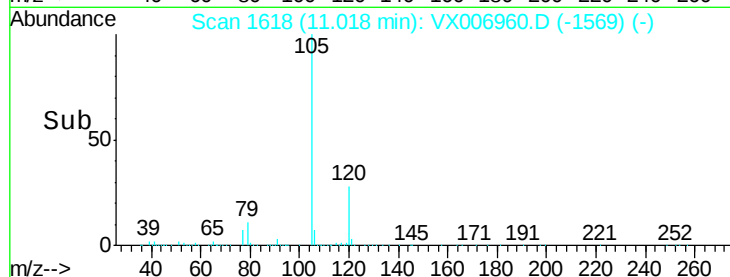
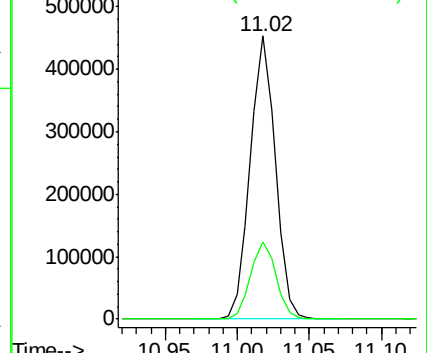
105 100

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

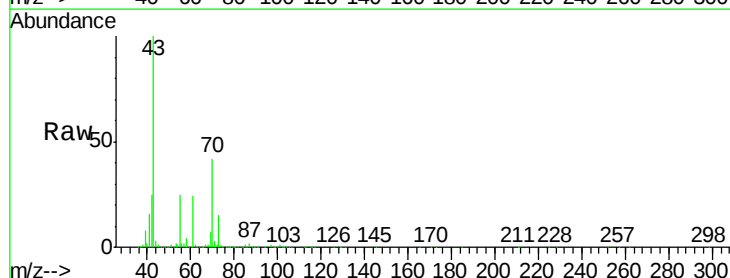
Ion Ratio Lower Upper

43 100

70 42.7 35.8 53.8

55 25.3 19.4 29.0

61 24.6 20.1 30.1

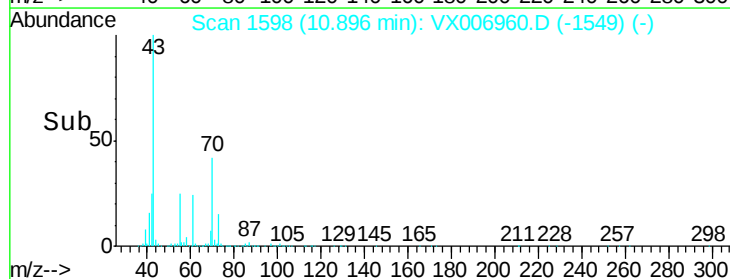
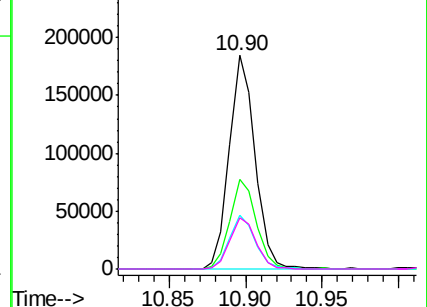


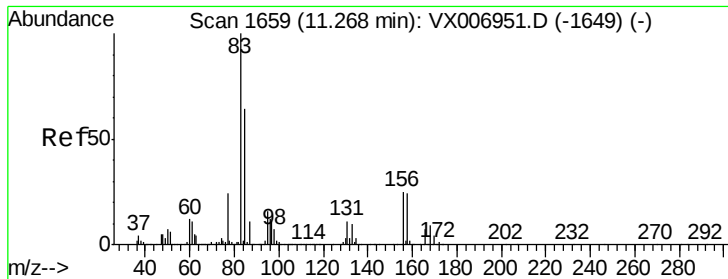
Abundance Ion 43.00 (42.70 to 43.70): VX0

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 :

VX0109WBSD01

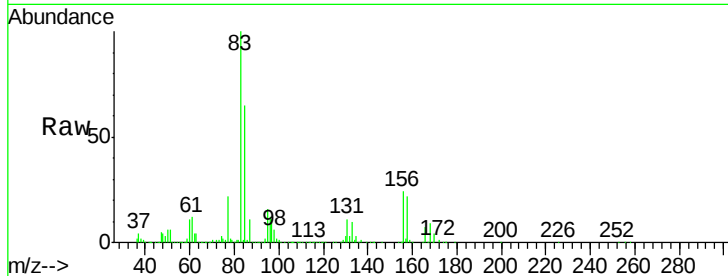
Tot Ion: 83 Resp: 172390

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

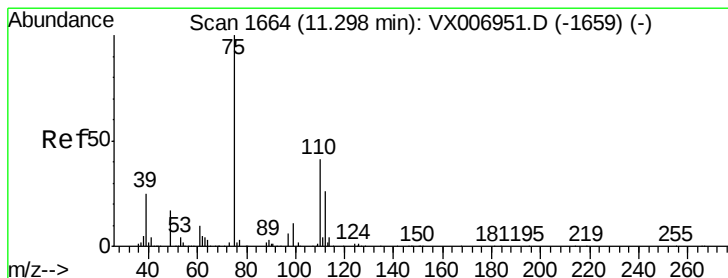
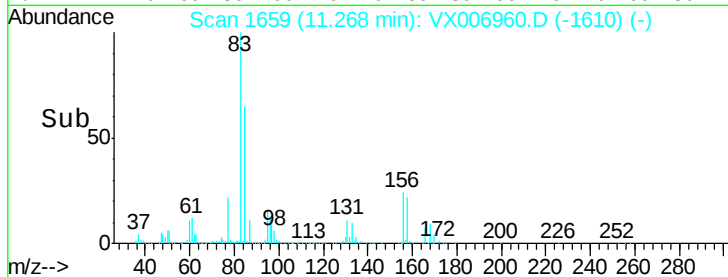
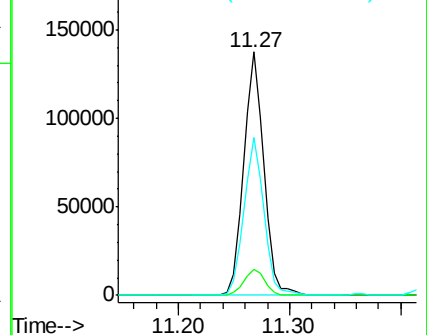
85 64.7 32.2 96.6



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

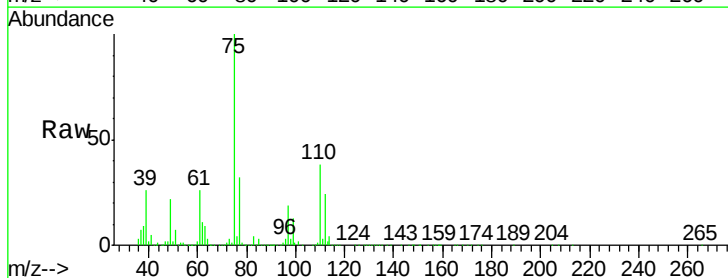
Acq: 09 Jan 2019 12:18

Tgt Ion: 75 Resp: 192623

Ion Ratio Lower Upper

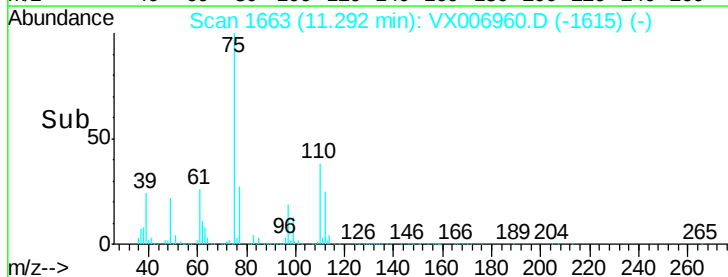
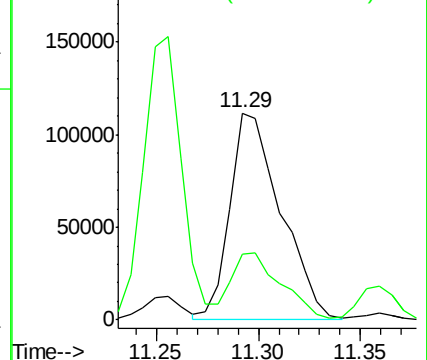
75 100

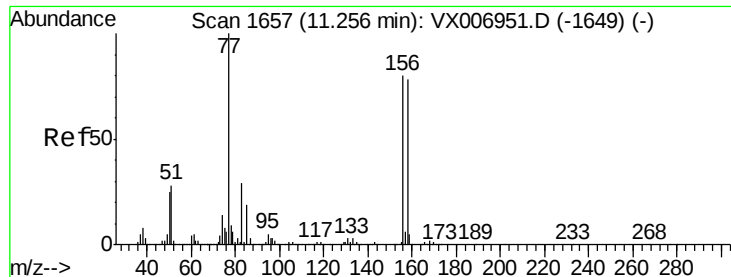
77 31.3 18.5 55.5



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 :

VX0109WBSD01

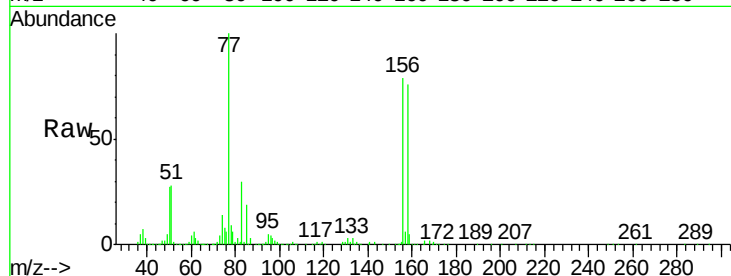
Tot Ion:156 Resp: 150520

Ion Ratio Lower Upper

156 100

77 132.4 68.0 204.0

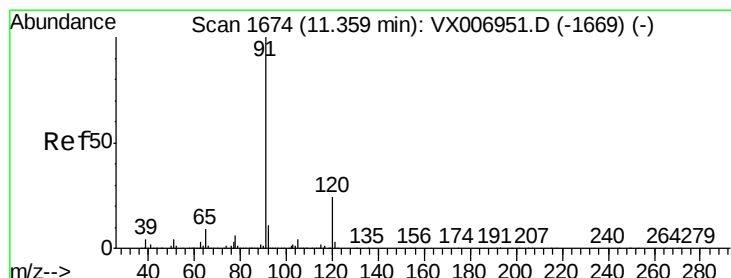
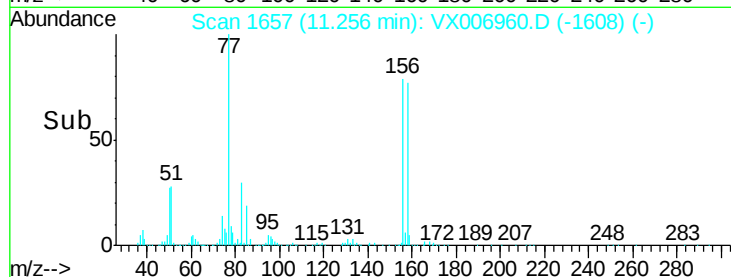
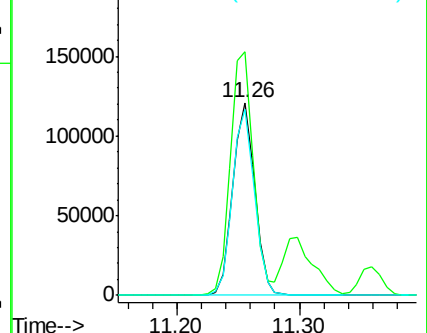
158 96.4 48.3 144.8



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

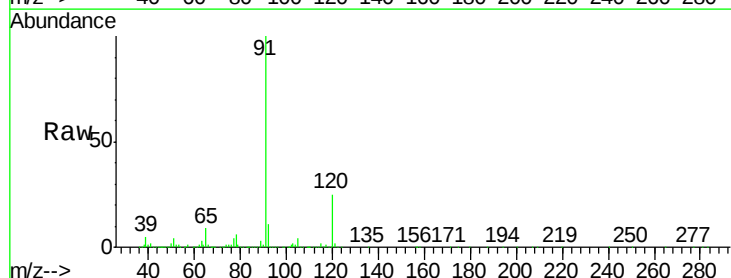
Acq: 09 Jan 2019 12:18

Tgt Ion: 91 Resp: 599284

Ion Ratio Lower Upper

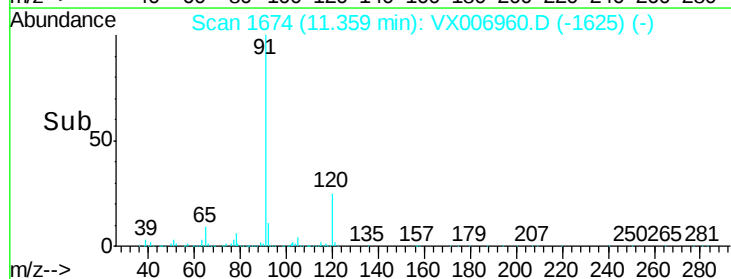
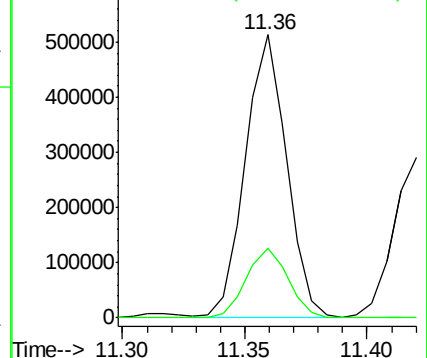
91 100

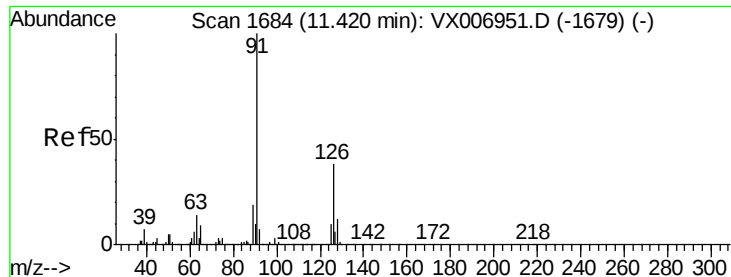
120 25.4 12.7 38.0



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

ClientSampleId :

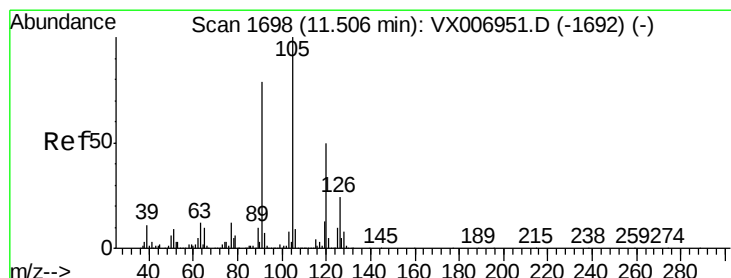
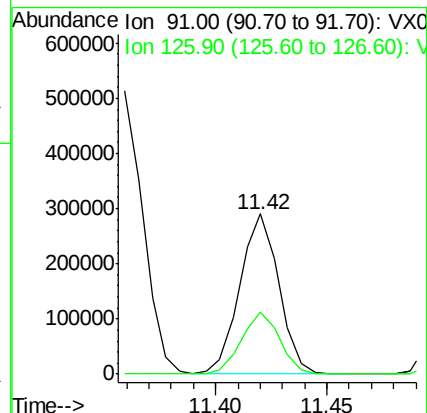
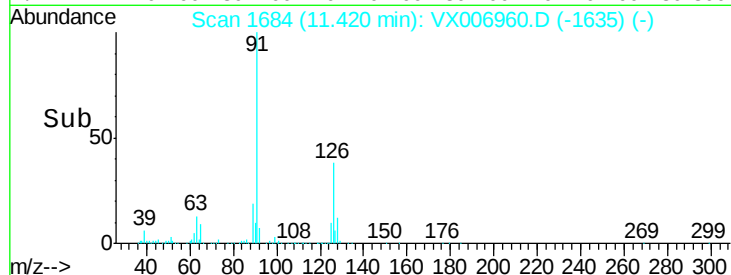
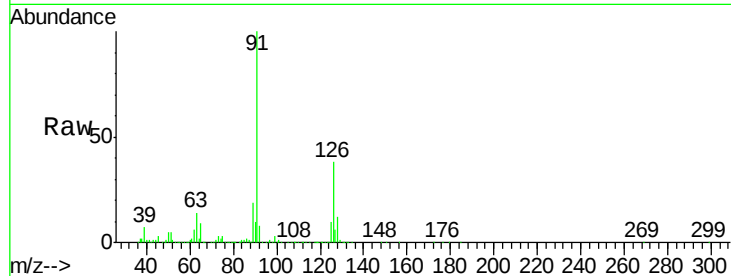
VX0109WBSD01

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

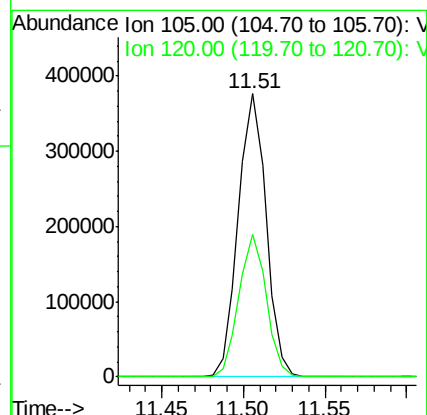
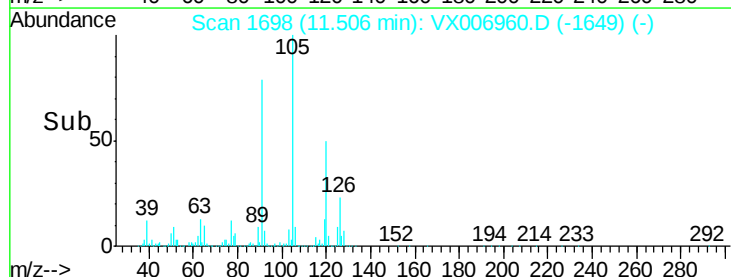
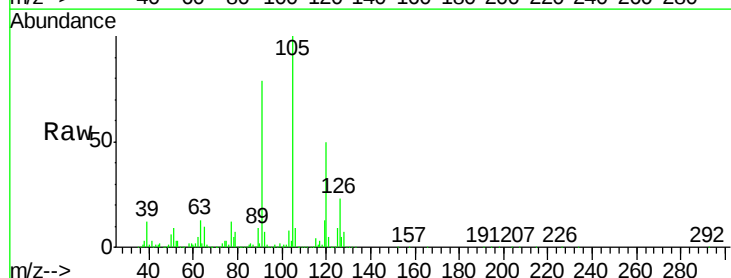
Acq: 09 Jan 2019 12:18

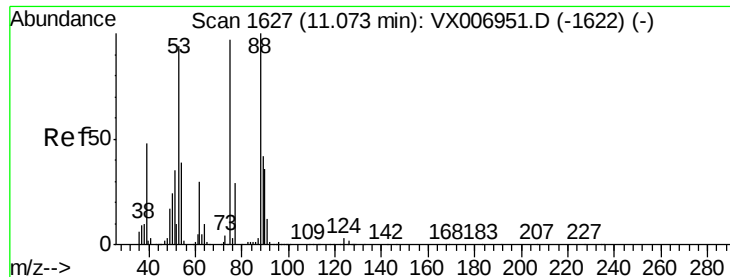
Tgt Ion: 105 Resp: 449360

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

ClientSampled :

VX0109WBSD01

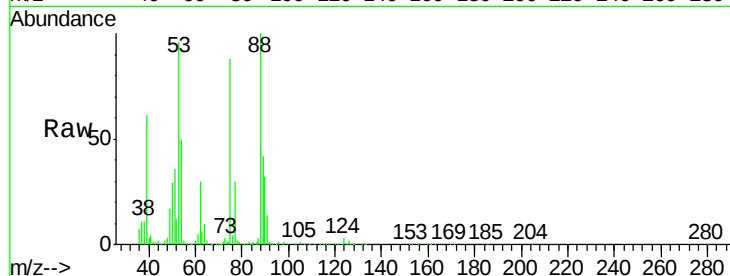
Tot Ion: 75 Resp: 42700

Ion Ratio Lower Upper

75 100

53 106.0 79.7 119.5

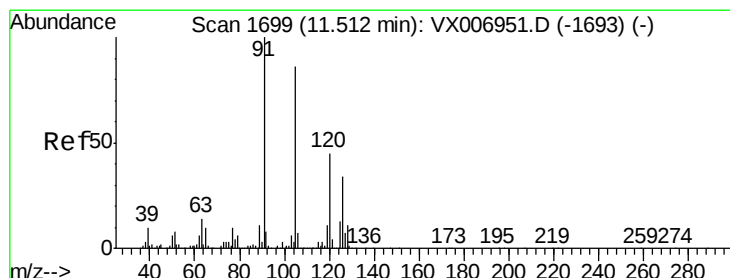
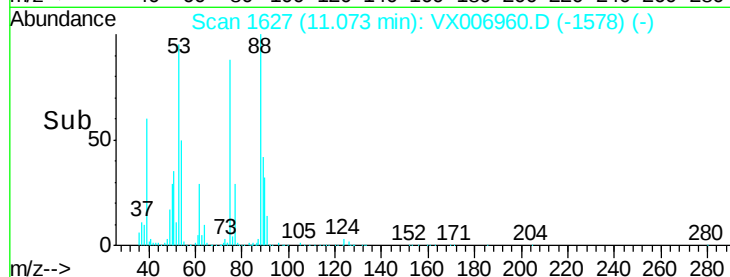
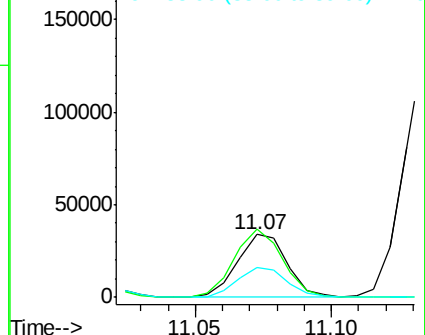
89 48.4 38.0 57.0



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

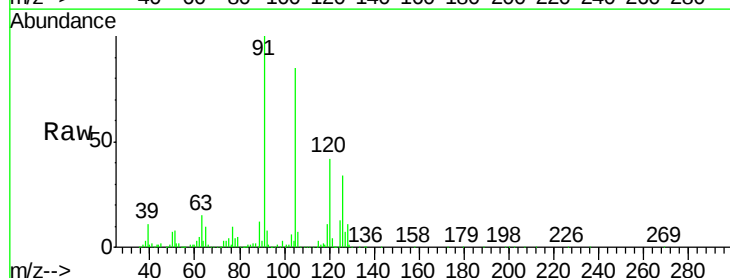
Acq: 09 Jan 2019 12:18

Tgt Ion: 91 Resp: 411161

Ion Ratio Lower Upper

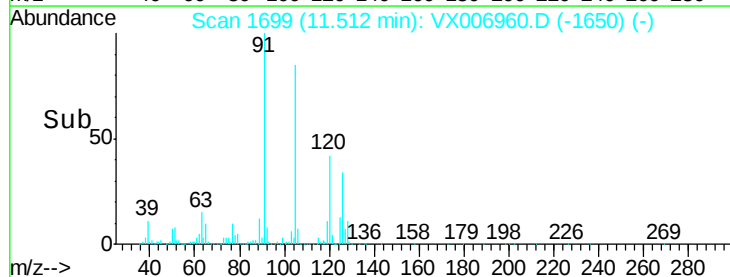
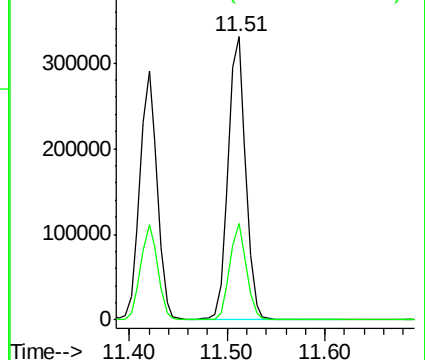
91 100

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 :

VX0109WBSD01

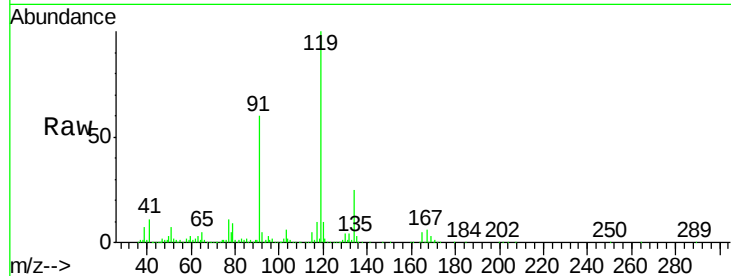
Tot Ion:119 Resp: 450420

Ion Ratio Lower Upper

119 100

91 55.5 27.7 83.1

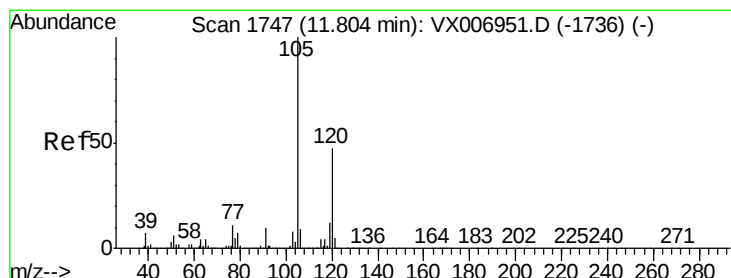
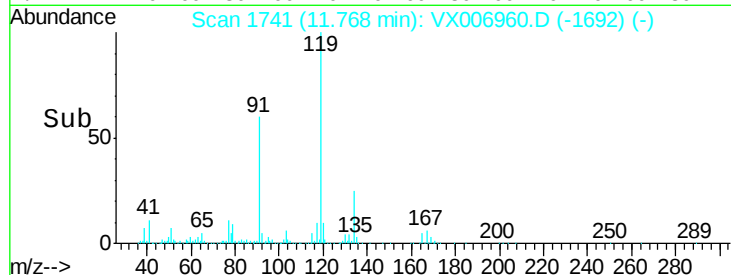
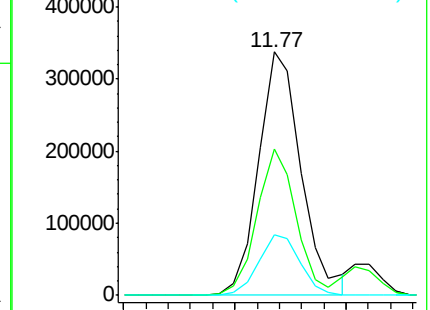
134 24.0 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

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

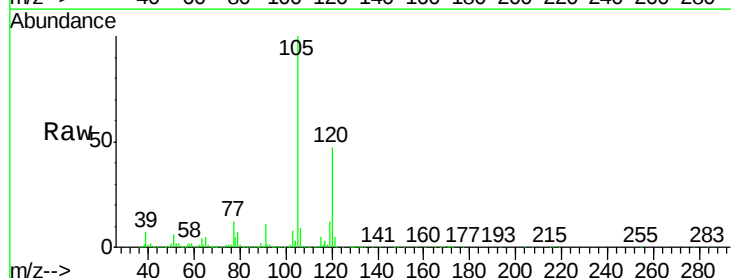
Acq: 09 Jan 2019 12:18

Tgt Ion:105 Resp: 460850

Ion Ratio Lower Upper

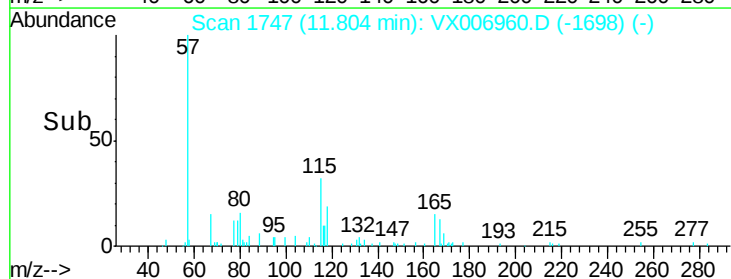
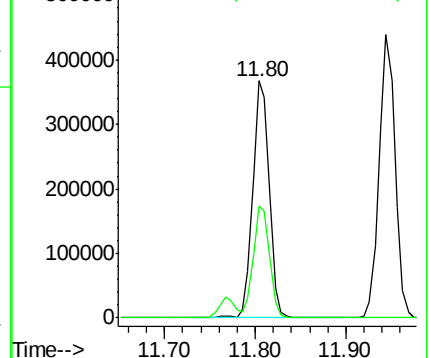
105 100

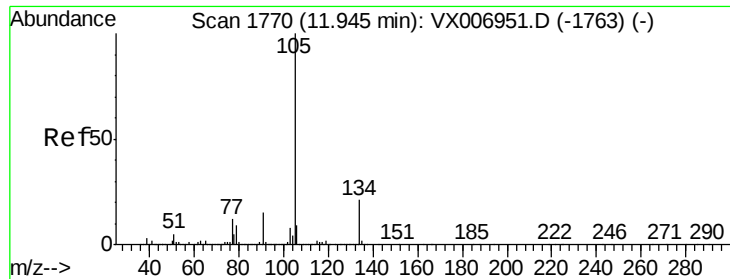
120 46.3 23.2 69.6



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

ClientSampleId :

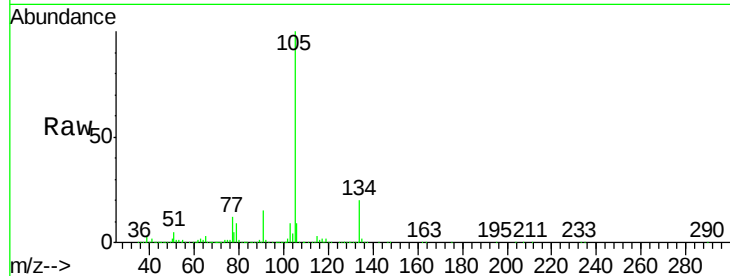
VX0109WBSD01

Tot Ion:105 Resp: 535784

Ion Ratio Lower Upper

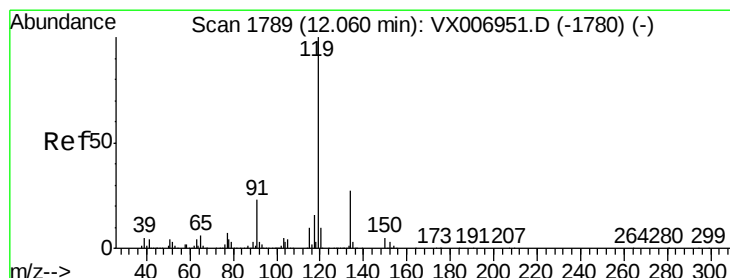
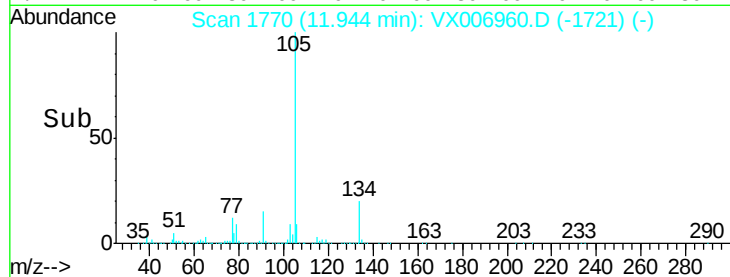
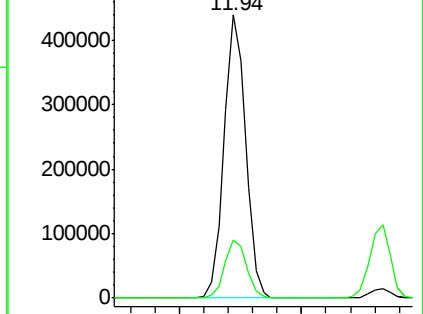
105 100

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



#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

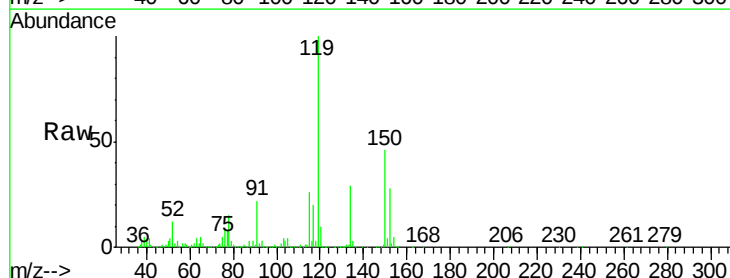
Tgt Ion:119 Resp: 478387

Ion Ratio Lower Upper

119 100

134 28.0 14.0 41.9

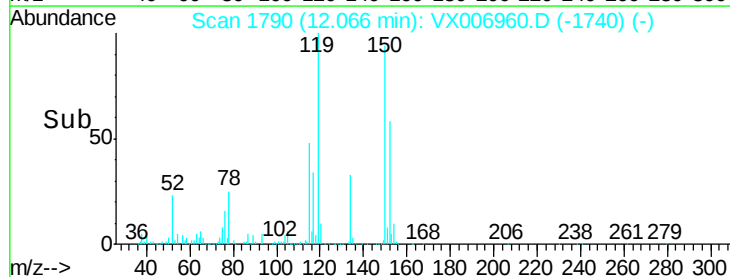
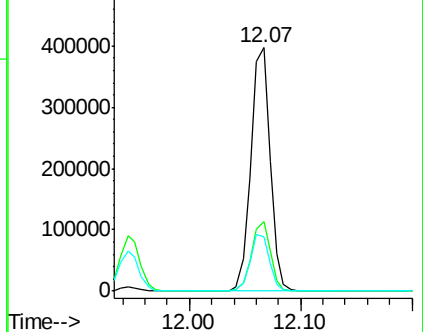
91 22.9 11.3 33.9



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): V

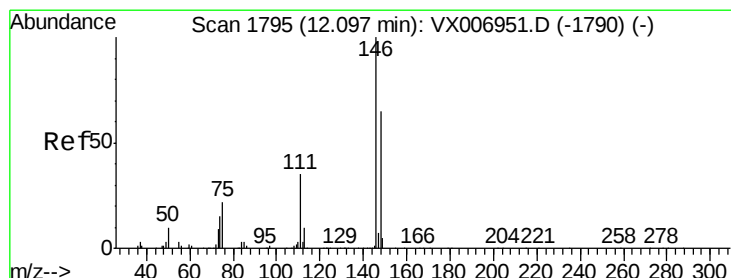
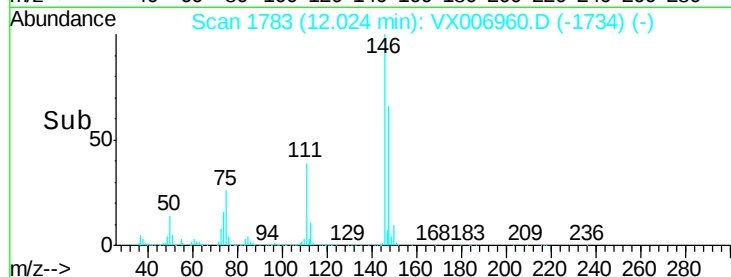
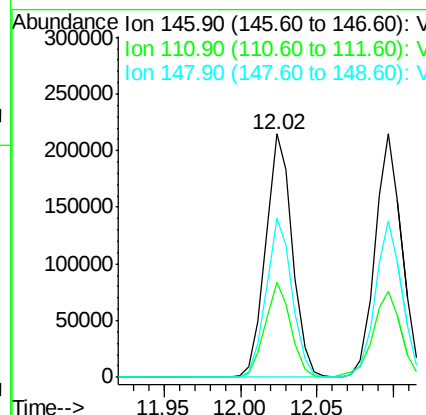
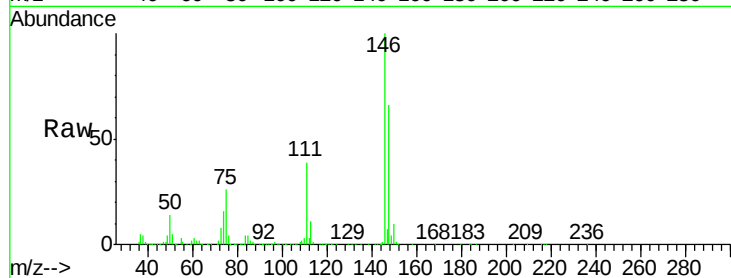




#87
 1,3-Dichlorobenzene
 Concen: 18.711 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

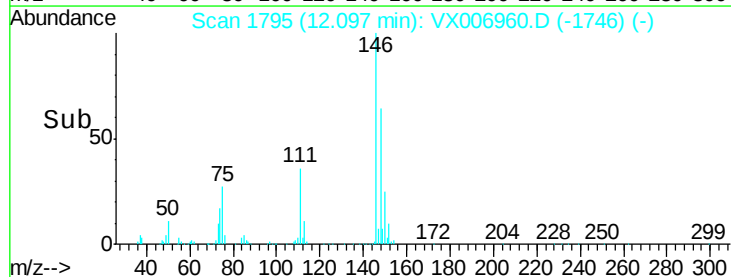
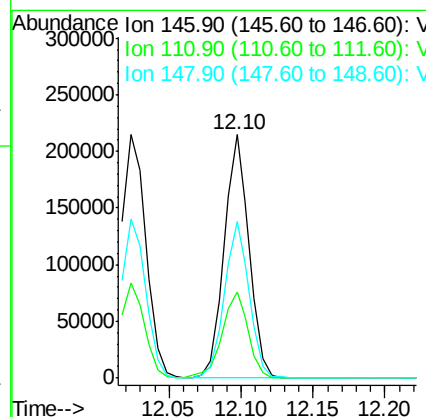
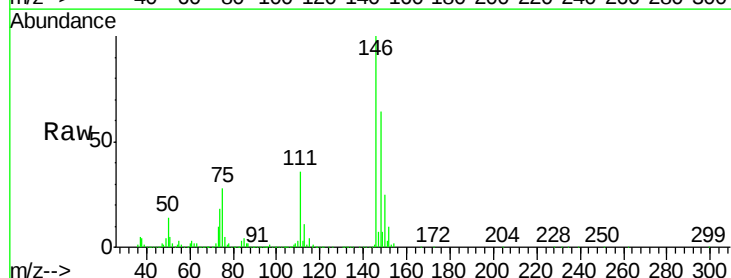
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBSD01

Tot 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	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	64.4	31.9	95.9

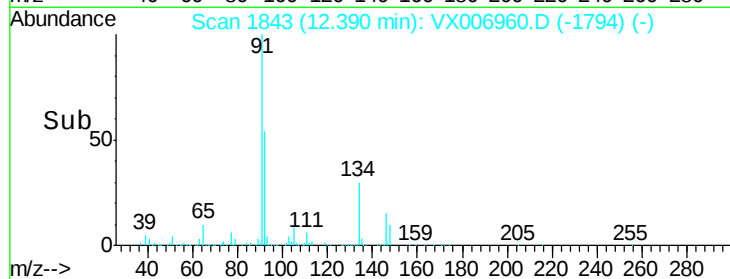
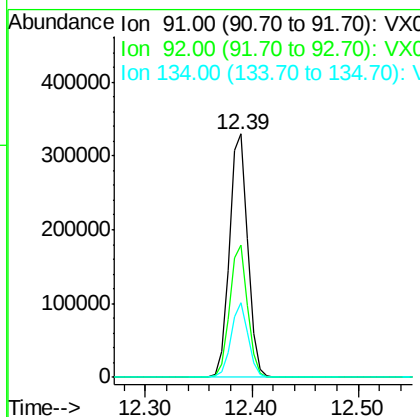
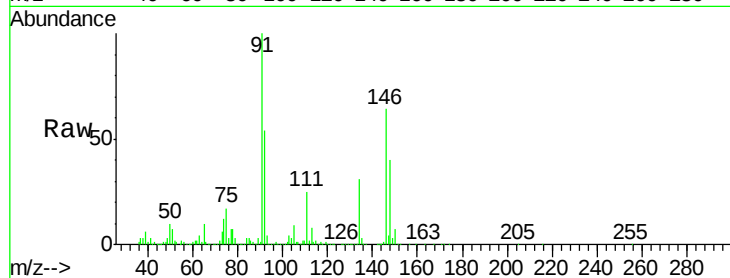




#89
n-Butylbenzene
Concen: 18.647 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

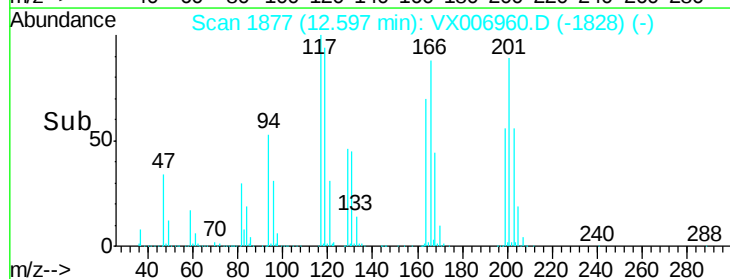
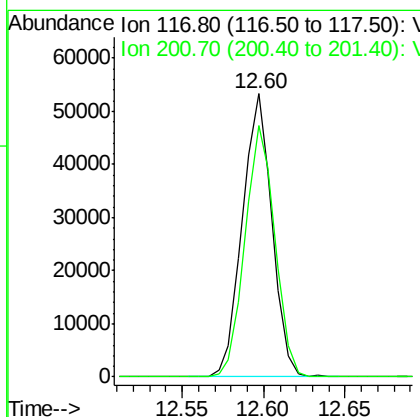
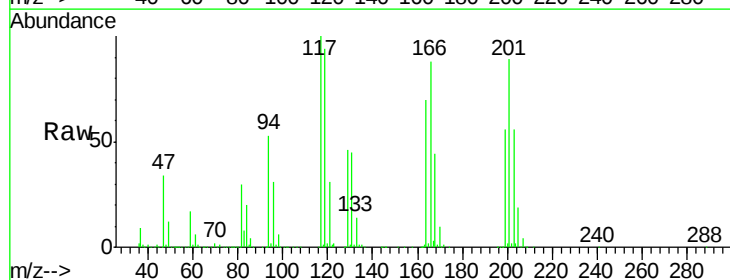
Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

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 :

VX0109WBSD01

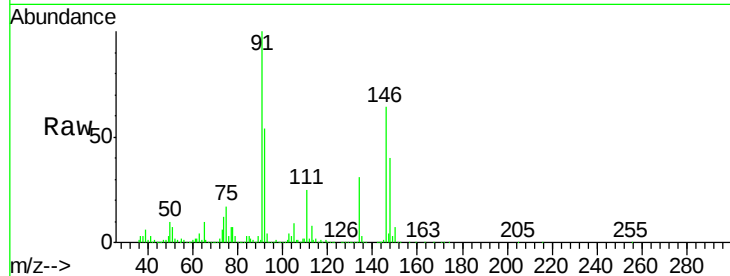
Tot Ion:146 Resp: 258464

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.2

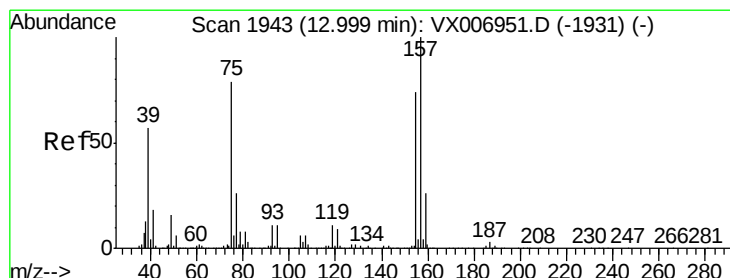
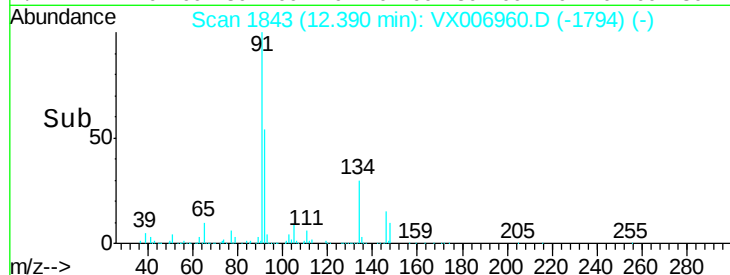
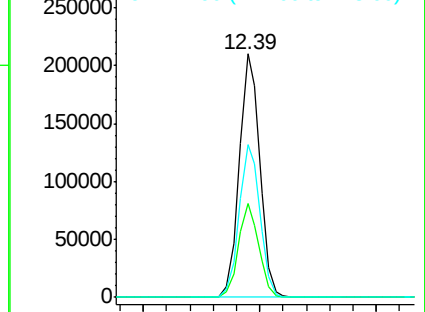
148 63.6 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 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

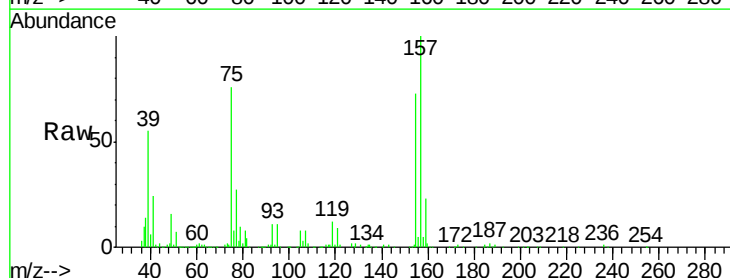
Tgt Ion: 75 Resp: 34957

Ion Ratio Lower Upper

75 100

155 97.4 50.6 151.8

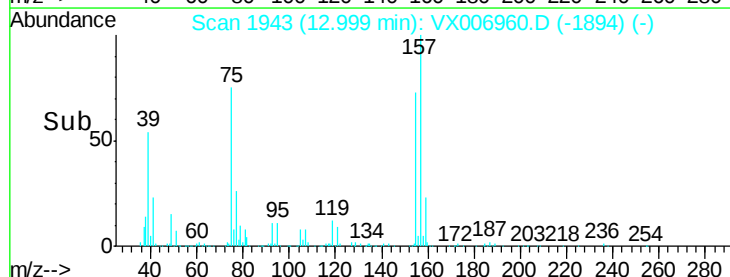
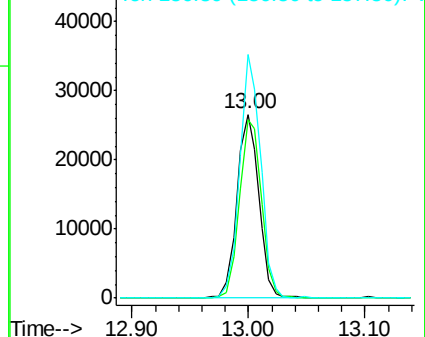
157 125.8 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

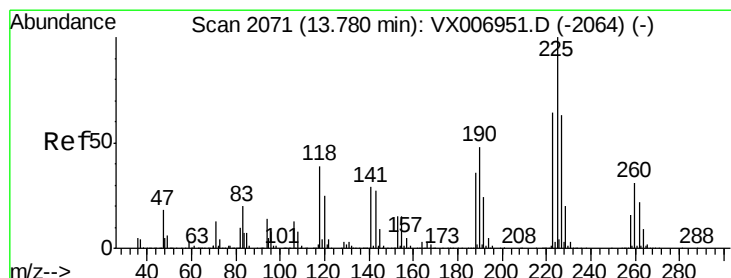
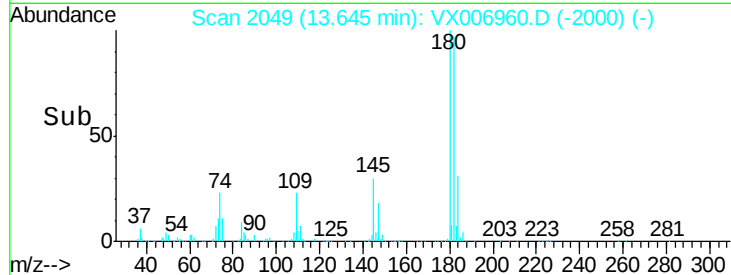
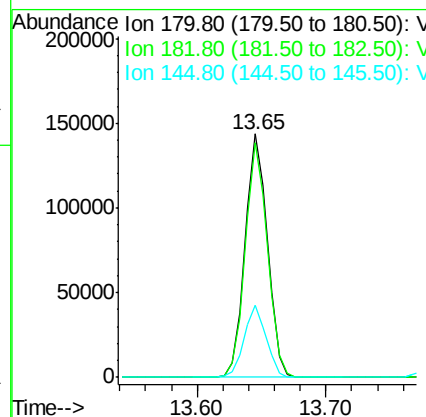
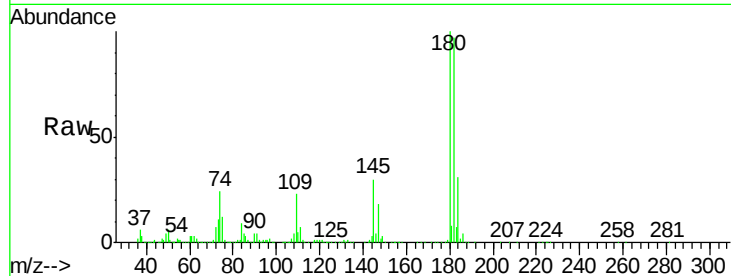




#93
 1,2,4-Trichlorobenzene
 Concen: 18.169 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006960.D
 Acq: 09 Jan 2019 12:18

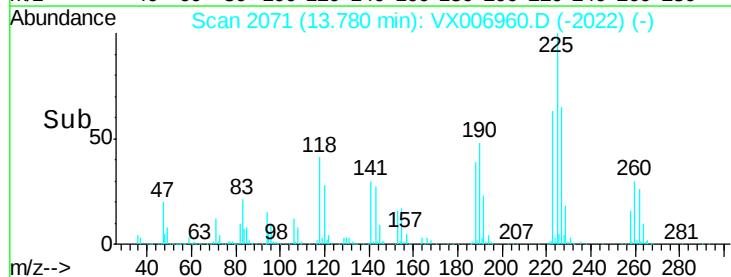
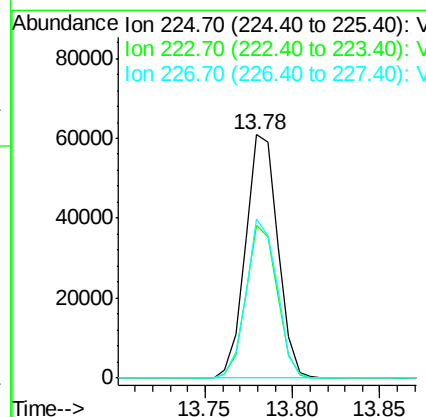
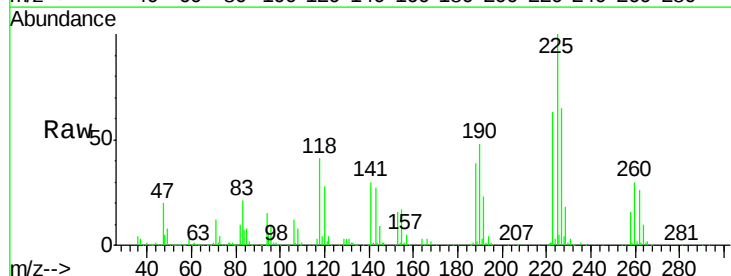
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBSD01

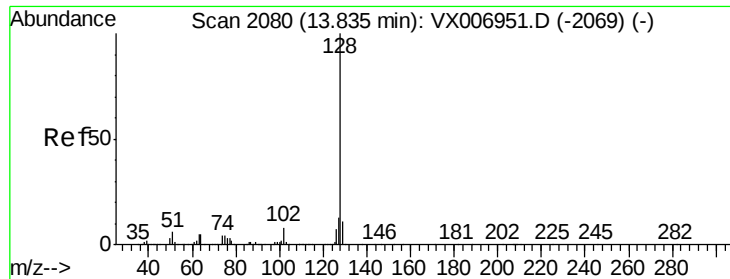
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	142.0
145	29.1	14.8	44.3



#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

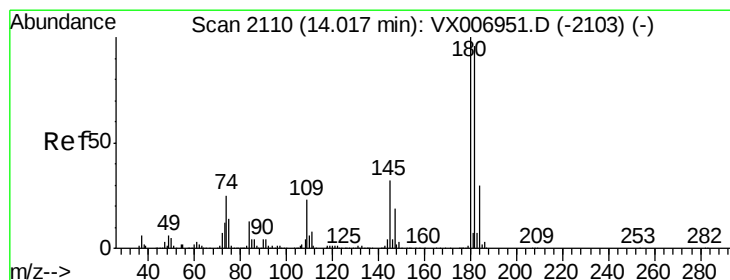
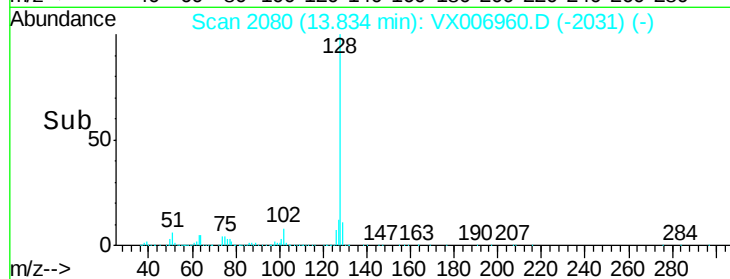
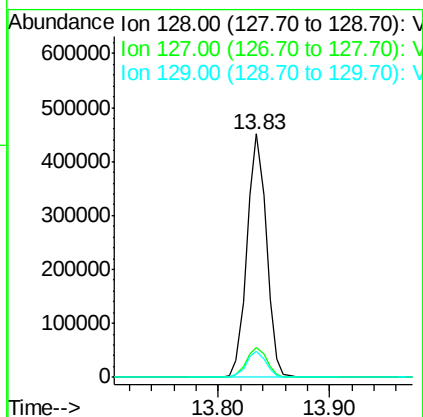
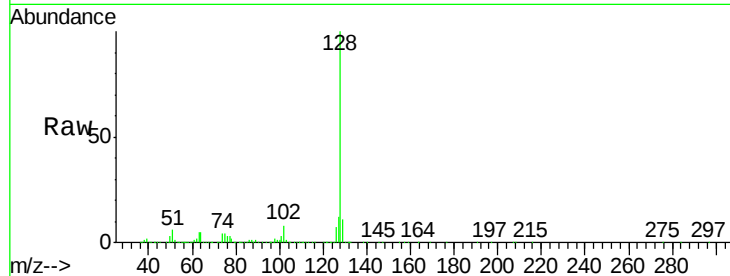




#95
Naphthalene
Concen: 18.991 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006960.D
Acq: 09 Jan 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

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

