

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011019\
 Data File : VX006983.D
 Acq On : 10 Jan 2019 12:14
 Operator : JC/MD
 Sample : VX0110WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS01

Quant Time: Jan 11 07:10:36 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	5.66	168	571511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	834254	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	768216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	395608	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	291640	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	5.50	113	263863	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	8.71	98	982980	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	361610	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	100282	21.367	ug/l 100
3) Chloromethane	1.33	50	110496	20.224	ug/l 99
4) Vinyl Chloride	1.41	62	113951	19.389	ug/l 100
5) Bromomethane	1.64	94	119940	19.101	ug/l 97
6) Chloroethane	1.72	64	74112	18.060	ug/l 97
7) Trichlorofluoromethane	1.93	101	177049	18.644	ug/l 98
8) Diethyl Ether	2.19	74	69975	18.522	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	105711	18.594	ug/l 98
10) Methyl Iodide	2.51	142	146957	19.163	ug/l 99
11) Tert butyl alcohol	3.07	59	135191	95.952	ug/l 100
12) 1,1-Dichloroethene	2.37	96	97269	18.518	ug/l 98
13) Acrolein	2.29	56	45891	77.674	ug/l 96
14) Allyl chloride	2.73	41	161877	17.982	ug/l 99
15) Acrylonitrile	3.15	53	301614	93.252	ug/l 99
16) Acetone	2.45	43	275473	93.294	ug/l 99
17) Carbon Disulfide	2.57	76	227655	16.834	ug/l 99
18) Methyl Acetate	2.78	43	155666	18.204	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	336482	18.456	ug/l 99
20) Methylene Chloride	2.86	84	114071	19.971	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	105503	18.024	ug/l 99
22) Diisopropyl ether	3.87	45	314273	18.570	ug/l 100
23) Vinyl Acetate	3.82	43	1311870	91.919	ug/l 100
24) 1,1-Dichloroethane	3.70	63	184331	19.479	ug/l 99
25) 2-Butanone	4.70	43	403223	95.438	ug/l 97
26) 2,2-Dichloropropane	4.58	77	131086	18.014	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	117375	18.179	ug/l 97
28) Bromochloromethane	5.02	49	74555	17.982	ug/l 96
29) Tetrahydrofuran	5.15	42	255399	93.018	ug/l 98
30) Chloroform	5.21	83	189801	19.157	ug/l 96
31) Cyclohexane	5.57	56	158989	18.877	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	156945	18.688	ug/l 98
36) 1,1-Dichloropropene	5.80	75	138514	19.097	ug/l 98
37) Ethyl Acetate	4.85	43	150603	19.368	ug/l 98
38) Carbon Tetrachloride	5.78	117	134934	18.490	ug/l 96

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS01

Quant Time: Jan 11 07:10:36 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	178441	19.298	ug/l	98
40) Benzene	6.14	78	416661	18.827	ug/l	98
41) Methacrylonitrile	5.06	41	80336	17.934	ug/l	99
42) 1,2-Dichloroethane	6.20	62	142621	18.649	ug/l	99
43) Isopropyl Acetate	6.46	43	228247	18.609	ug/l	99
44) Trichloroethene	7.21	130	122649	18.494	ug/l	96
45) 1,2-Dichloropropane	7.51	63	104841	18.843	ug/l	99
46) Dibromomethane	7.66	93	72024	18.419	ug/l	97
47) Bromodichloromethane	7.90	83	123658	18.578	ug/l	98
48) Methyl methacrylate	7.77	41	118536	18.819	ug/l	97
49) 1,4-Dioxane	7.75	88	57701	395.945	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	773784	98.163	ug/l	99
52) Toluene	8.78	92	273321	19.215	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	134218	18.185	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	151073	18.535	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	114379	20.089	ug/l	99
56) Ethyl methacrylate	9.18	69	161907	19.479	ug/l	96
57) 1,3-Dichloropropane	9.37	76	177976	19.080	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	418560	97.940	ug/l	99
59) 2-Hexanone	9.49	43	595068	99.062	ug/l	99
60) Dibromochloromethane	9.58	129	104368	18.878	ug/l	98
61) 1,2-Dibromoethane	9.67	107	121446	19.375	ug/l	100
64) Tetrachloroethene	9.34	164	128706	19.351	ug/l	95
65) Chlorobenzene	10.14	112	317129	18.927	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	105580	18.732	ug/l	99
67) Ethyl Benzene	10.25	91	526985	19.052	ug/l	100
68) m/p-Xylenes	10.36	106	419112	38.458	ug/l	99
69) o-Xylene	10.69	106	202114	19.017	ug/l	97
70) Styrene	10.71	104	325026	19.309	ug/l	99
71) Bromoform	10.85	173	76644	18.489	ug/l	98
73) Isopropylbenzene	11.02	105	539366	19.335	ug/l	99
74) N-amyl acetate	10.90	43	205764	18.320	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	164116	18.532	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	177745	22.172	ug/l	93
77) Bromobenzene	11.26	156	145972	18.991	ug/l	99
78) n-propylbenzene	11.36	91	607776	19.847	ug/l	98
79) 2-Chlorotoluene	11.42	91	355377	19.278	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	445204	19.100	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	38489	17.175	ug/l	91
82) 4-Chlorotoluene	11.51	91	408253	19.127	ug/l	100
83) tert-Butylbenzene	11.77	119	440695	18.950	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	457430	19.515	ug/l	99
85) sec-Butylbenzene	11.94	105	547794	19.723	ug/l	100
86) p-Isopropyltoluene	12.06	119	489188	19.691	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	264563	19.043	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	263060	20.071	ug/l	98
89) n-Butylbenzene	12.39	91	415081	19.600	ug/l	99
90) Hexachloroethane	12.60	117	67797	19.008	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	257481	18.780	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31890	18.207	ug/l	99

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Quant Time: Jan 11 07:10:36 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

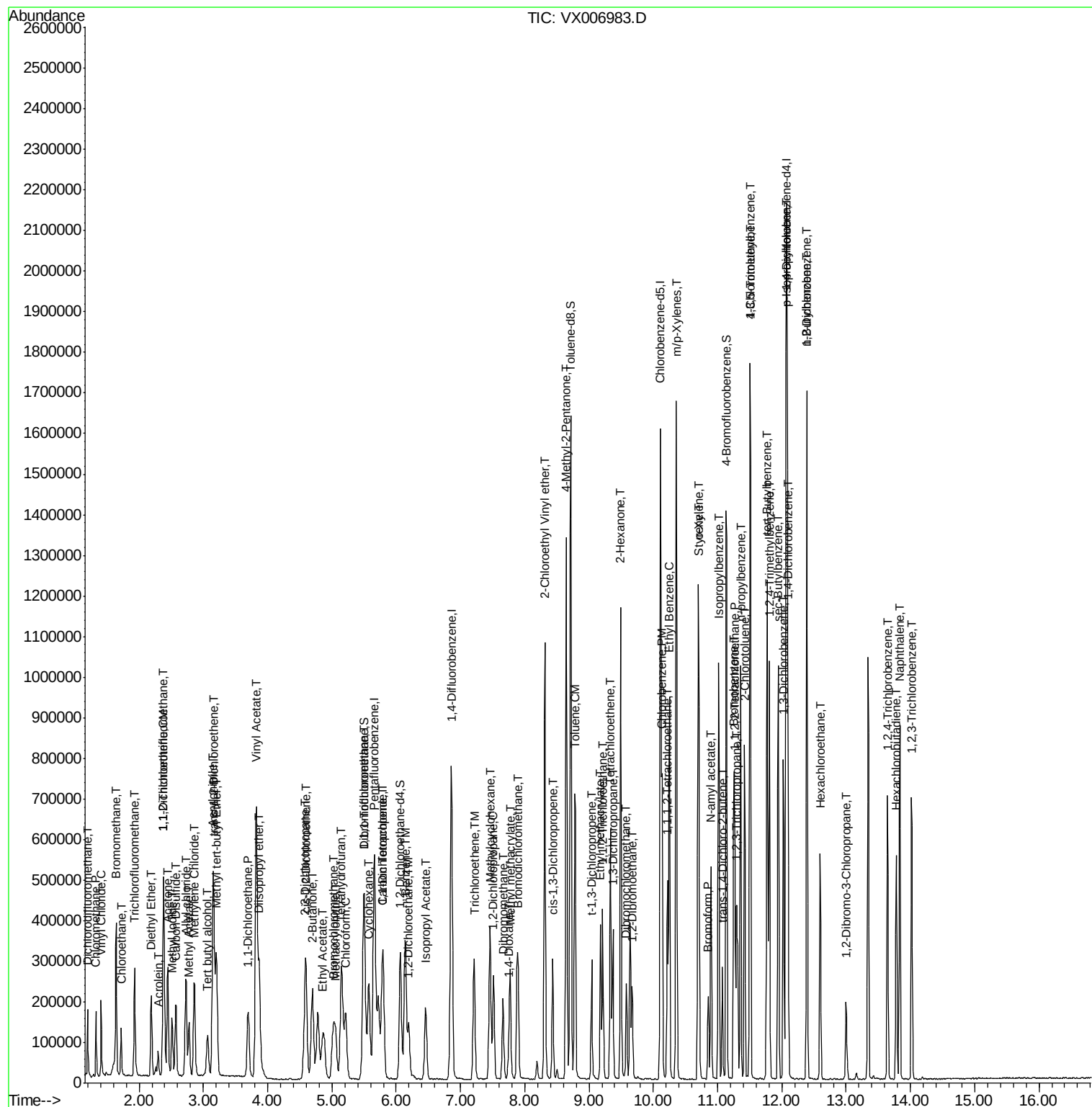
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	176877	18.804	ug/l	100
94) Hexachlorobutadiene	13.78	225	81305	19.478	ug/l	99
95) Naphthalene	13.83	128	529479	18.576	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	178818	19.137	ug/l	96

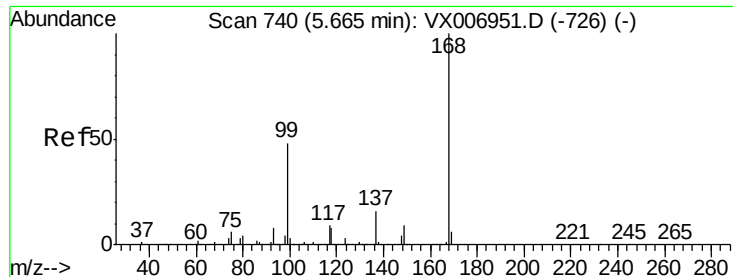
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX011019\
Data File : VX006983.D
Acq On : 10 Jan 2019 12:14
Operator : JC/MD
Sample : VX0110WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Jan 11 07:10:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

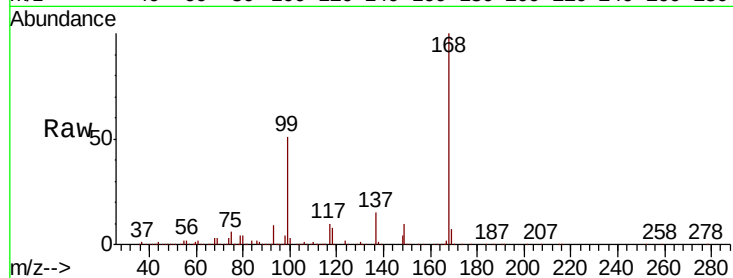
VX0110WBS01

Tgt Ion:168 Resp: 571511

Ion Ratio Lower Upper

168 100

99 50.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

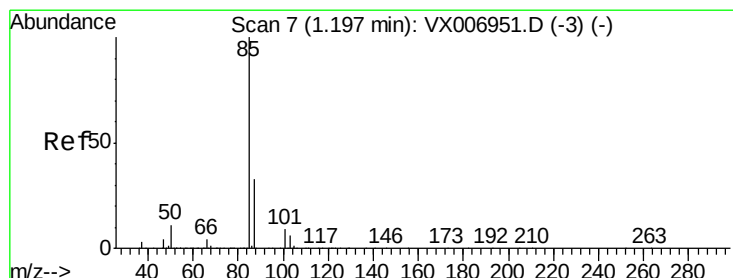
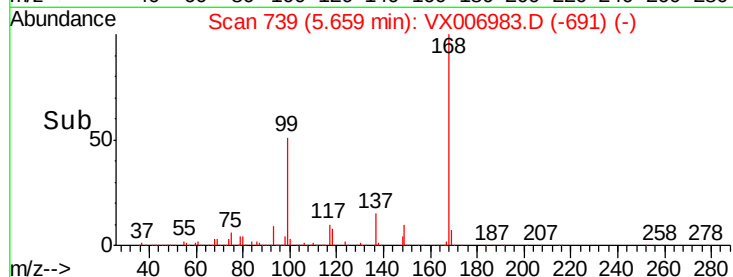
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.367 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006983.D

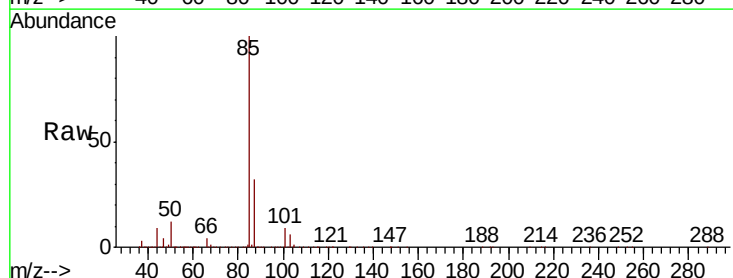
Acq: 10 Jan 2019 12:14

Tgt Ion: 85 Resp: 100282

Ion Ratio Lower Upper

85 100

87 31.8 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

100000

80000

60000

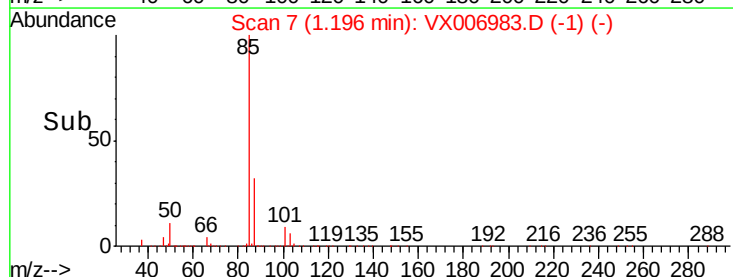
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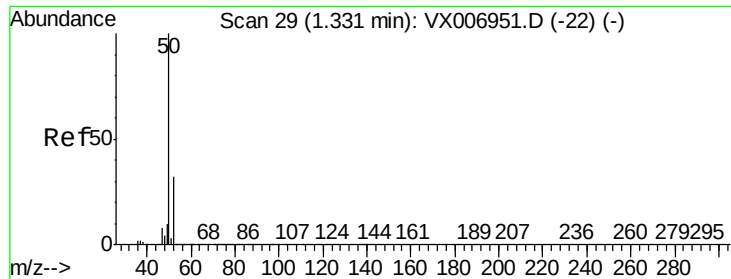
20000

0

Time-->

1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 20.224 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

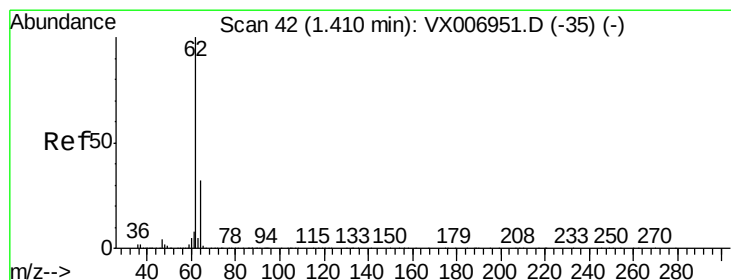
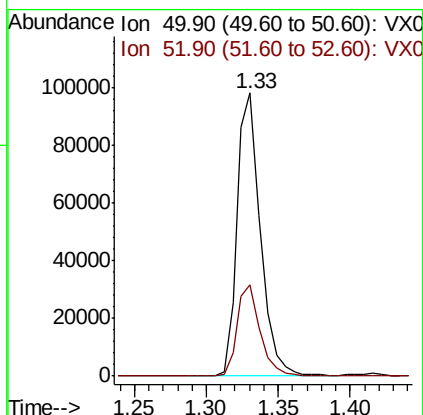
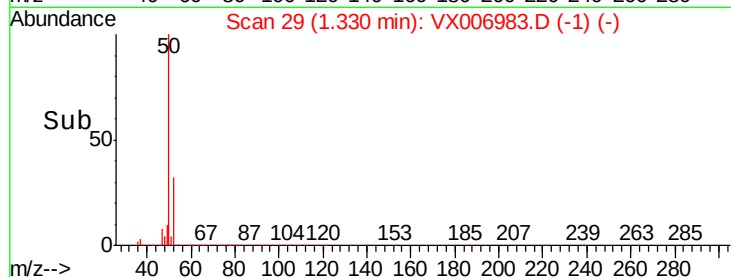
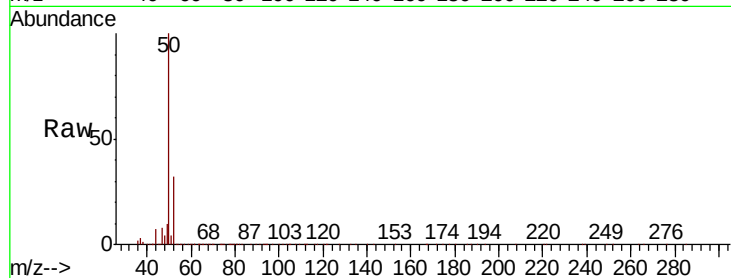
VX0110WBS01

Tgt Ion: 50 Resp: 110496

Ion Ratio Lower Upper

50 100

52 32.3 25.4 38.2



#4

Vinyl Chloride

Concen: 19.389 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006983.D

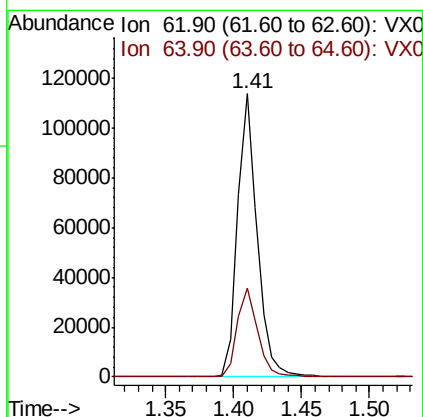
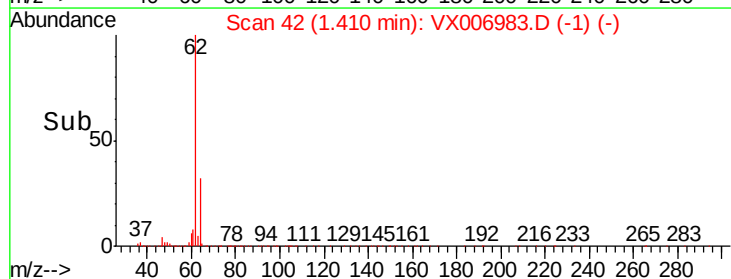
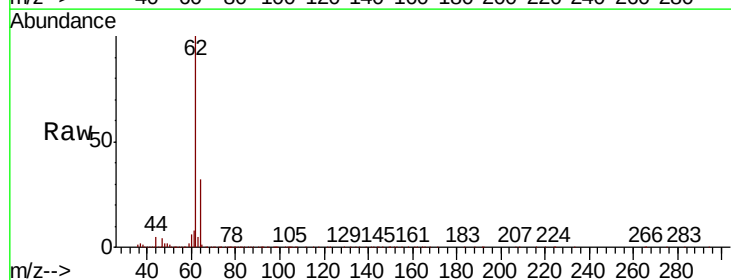
Acq: 10 Jan 2019 12:14

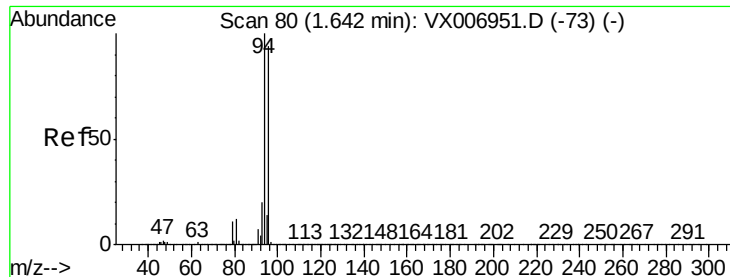
Tgt Ion: 62 Resp: 113951

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 19.101 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampled :

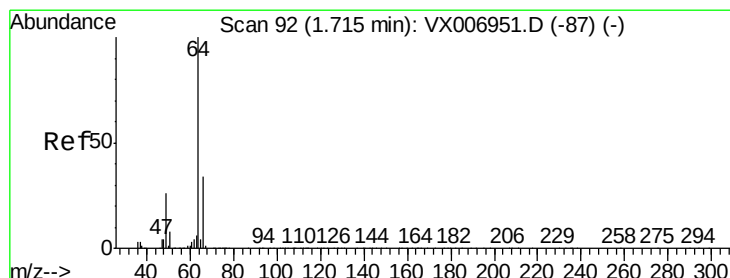
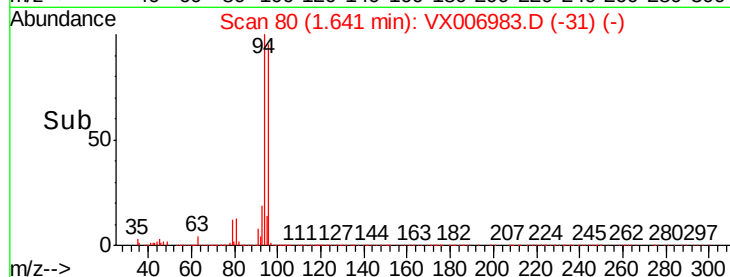
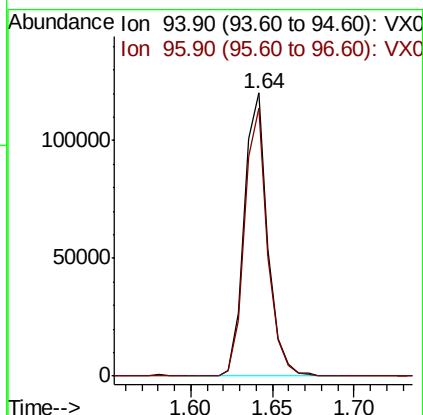
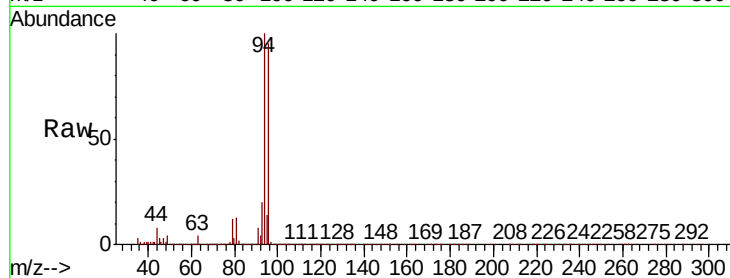
VX0110WBS01

Tgt Ion: 94 Resp: 119940

Ion Ratio Lower Upper

94 100

96 94.7 73.4 110.2



#6

Chloroethane

Concen: 18.060 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006983.D

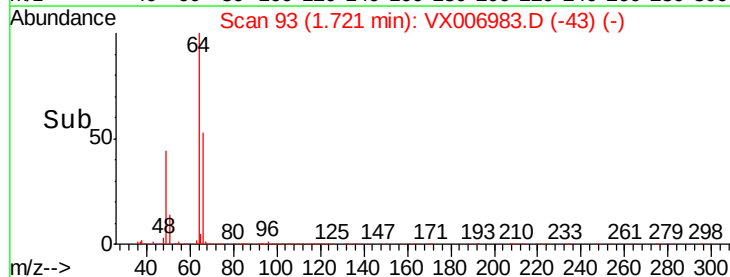
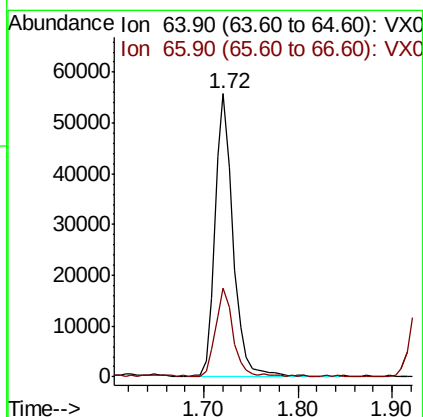
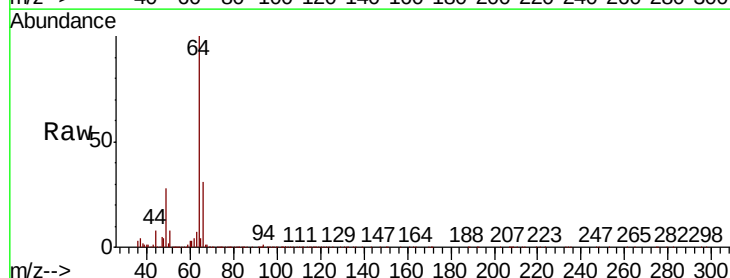
Acq: 10 Jan 2019 12:14

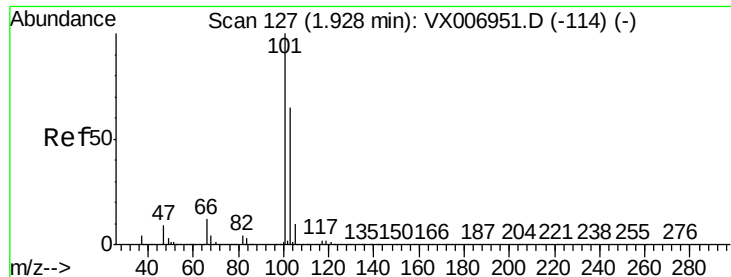
Tgt Ion: 64 Resp: 74112

Ion Ratio Lower Upper

64 100

66 31.1 26.4 39.6



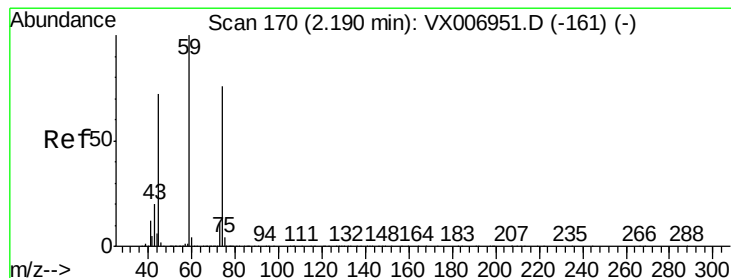
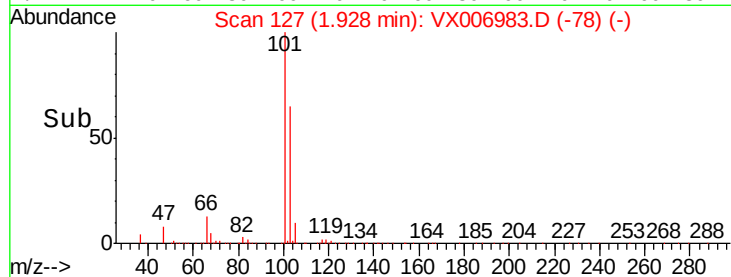
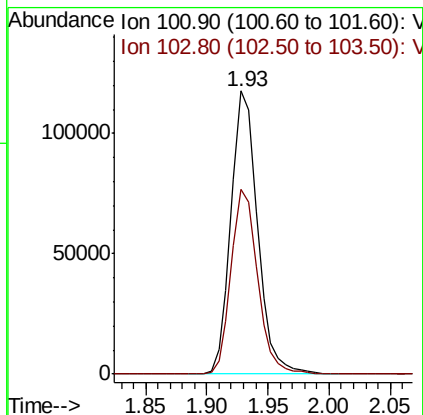
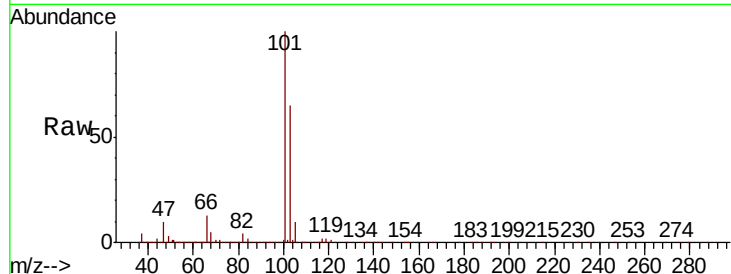


#7

Trichlorofluoromethane
Concen: 18.644 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

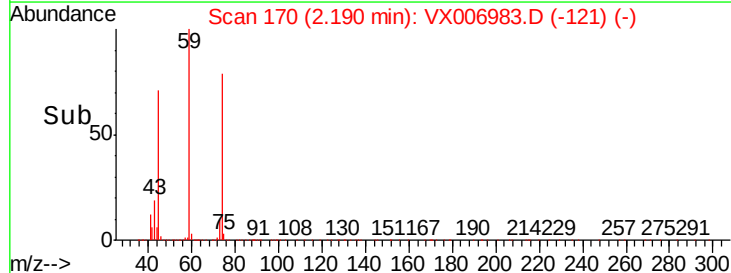
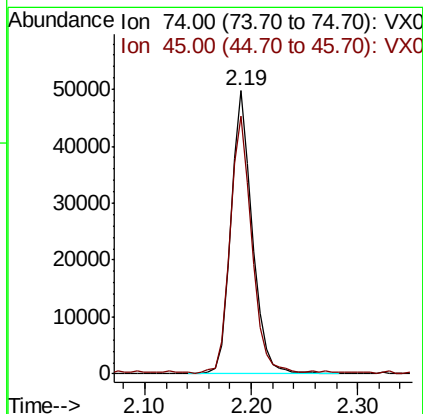
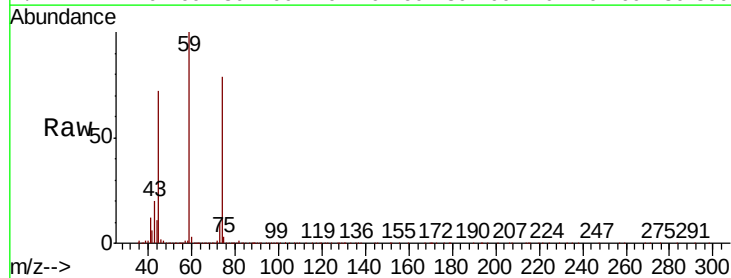
Tgt Ion: 101 Resp: 177049
Ion Ratio Lower Upper
101 100
103 65.1 53.2 79.8

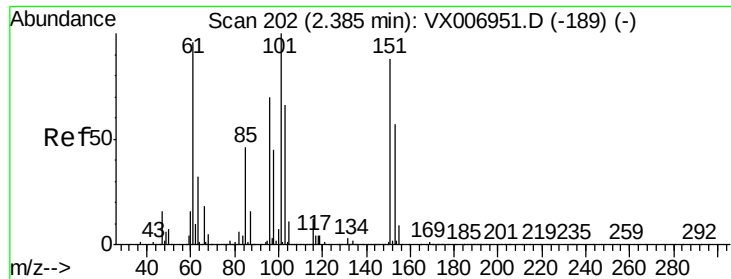


#8

Diethyl Ether
Concen: 18.522 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

Tgt Ion: 74 Resp: 69975
Ion Ratio Lower Upper
74 100
45 92.2 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.594 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

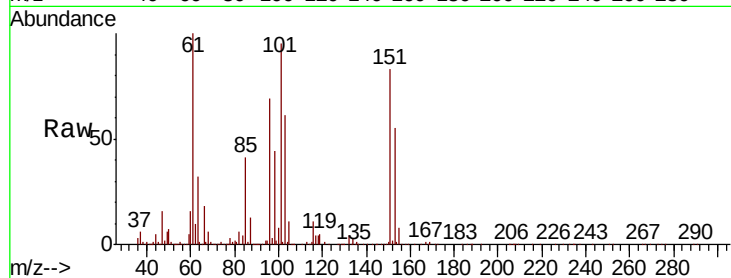
Tgt Ion:101 Resp: 105711

Ion Ratio Lower Upper

101 100

85 44.1 35.1 52.7

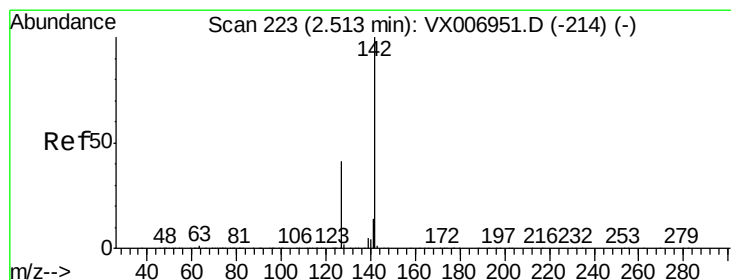
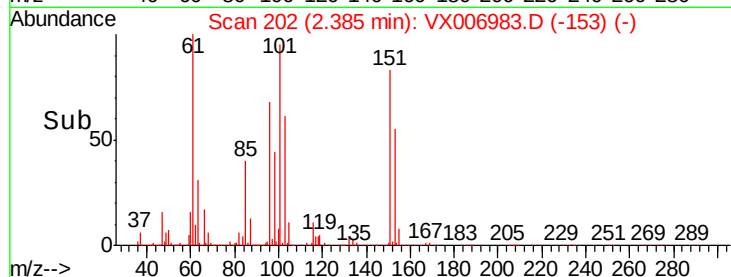
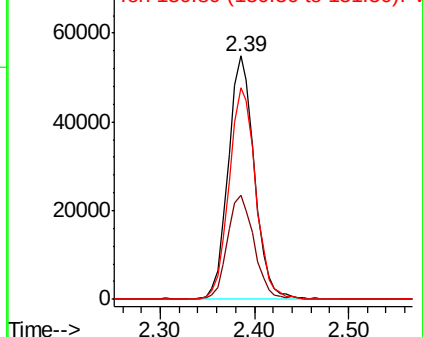
151 88.6 68.9 103.3



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: 19.163 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

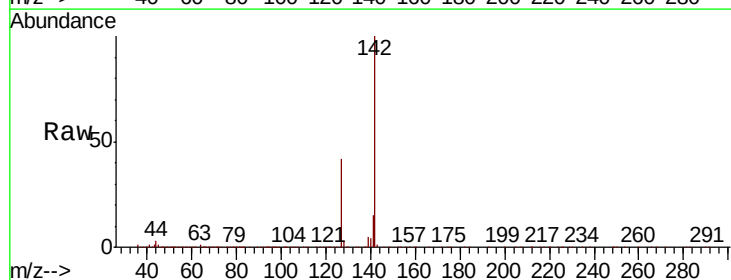
Tgt Ion:142 Resp: 146957

Ion Ratio Lower Upper

142 100

127 42.8 33.9 50.9

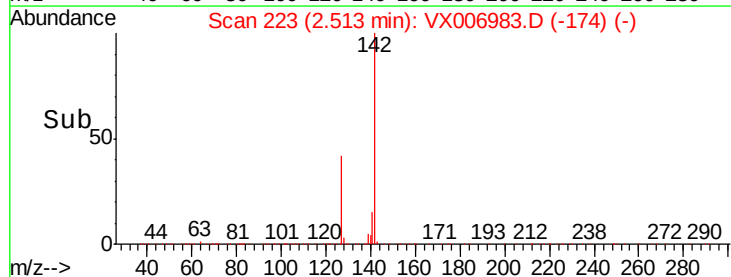
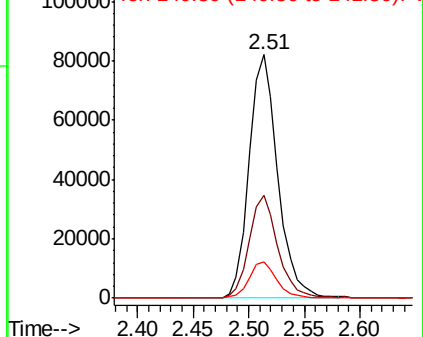
141 14.5 11.4 17.0

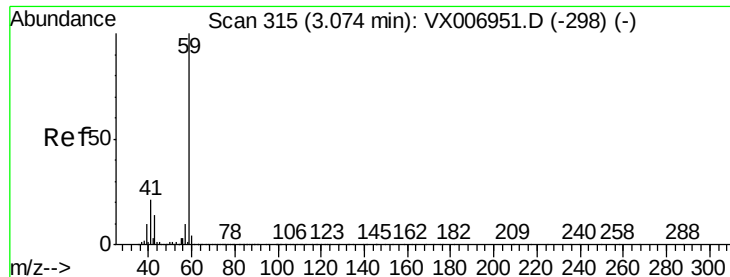


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

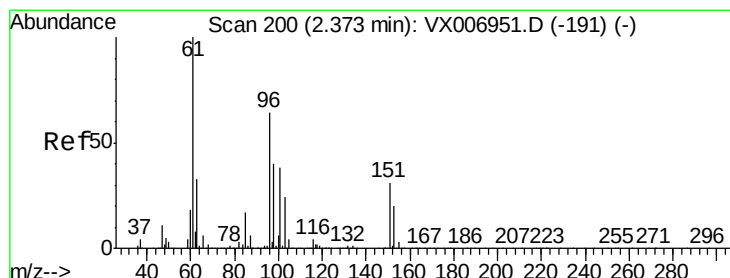
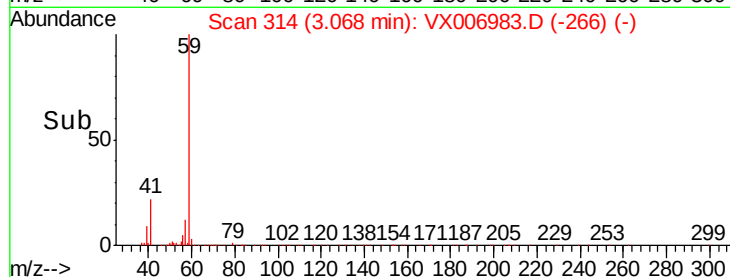
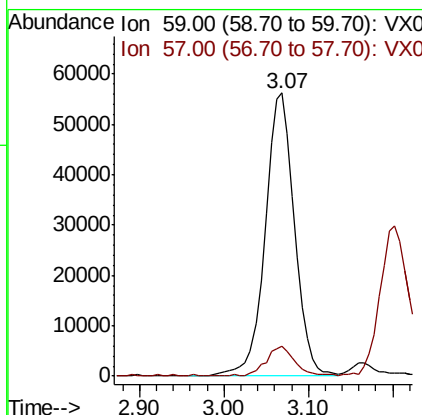
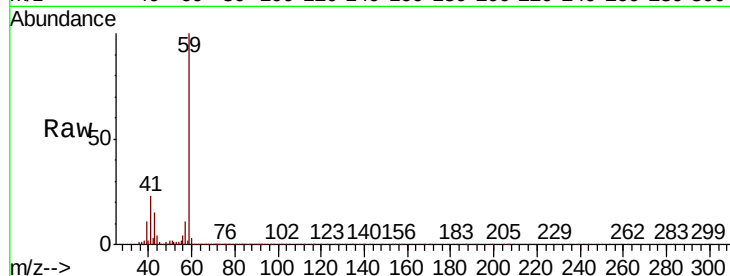




#11
Tert butyl alcohol
Concen: 95.952 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

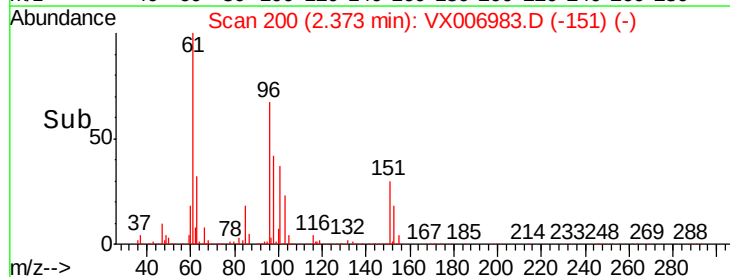
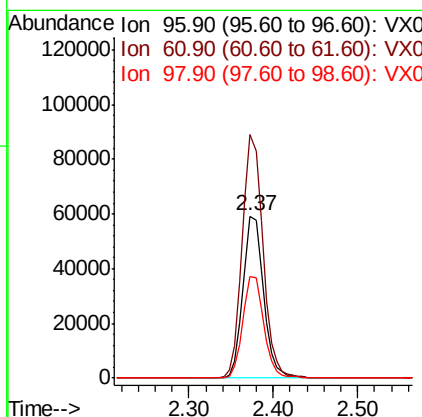
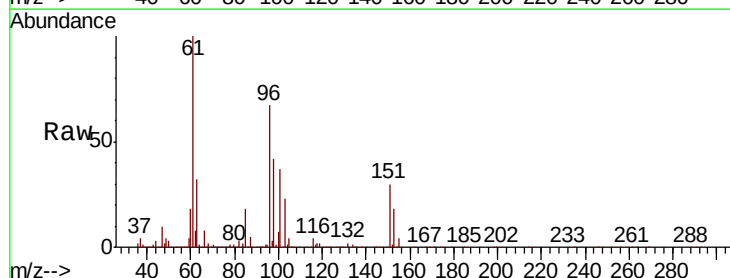
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

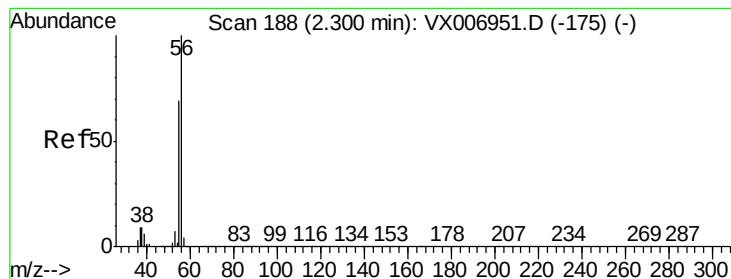
Tgt Ion: 59 Resp: 135191
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 18.518 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

Tgt Ion: 96 Resp: 97269
Ion Ratio Lower Upper
96 100
61 149.8 121.4 182.2
98 62.4 51.9 77.9





#13

Acrolein

Concen: 77.674 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

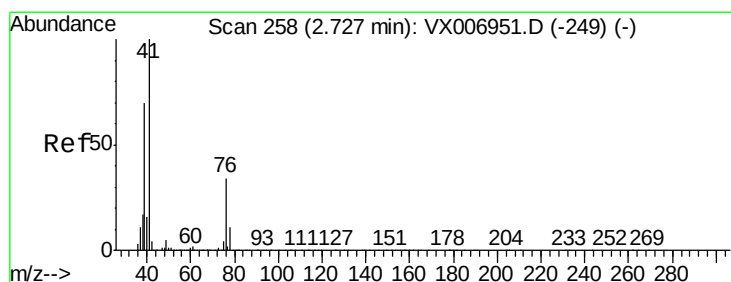
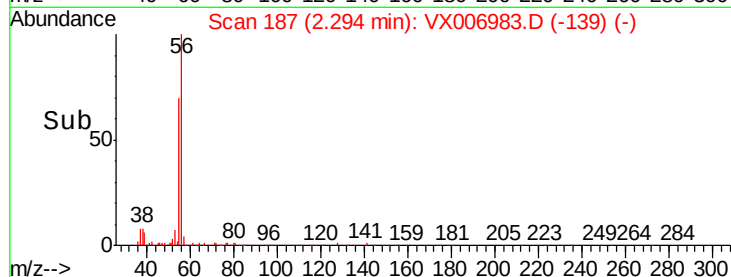
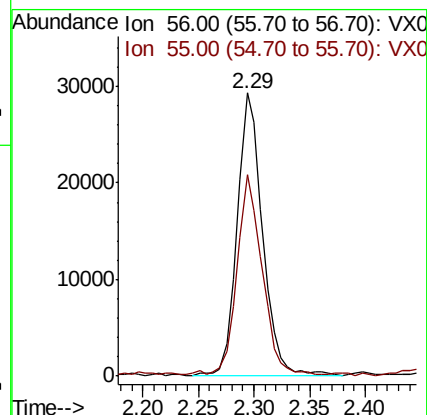
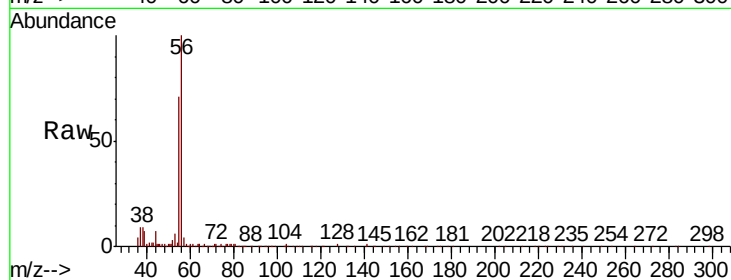
VX0110WBS01

Tgt Ion: 56 Resp: 45891

Ion Ratio Lower Upper

56 100

55 69.1 58.2 87.4



#14

Allyl chloride

Concen: 17.982 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

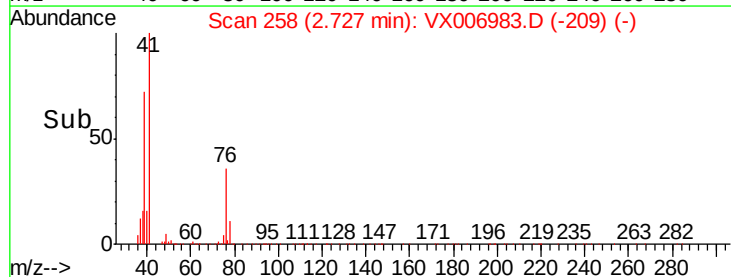
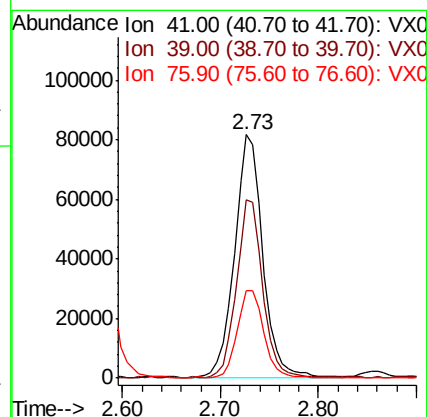
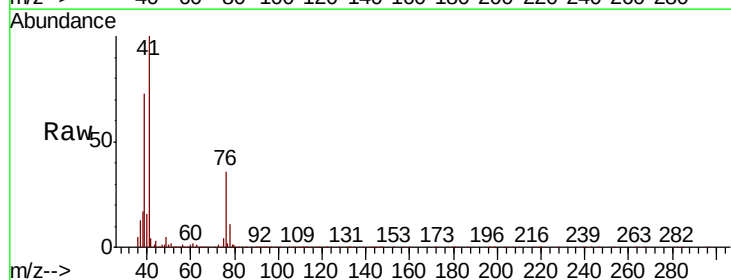
Tgt Ion: 41 Resp: 161877

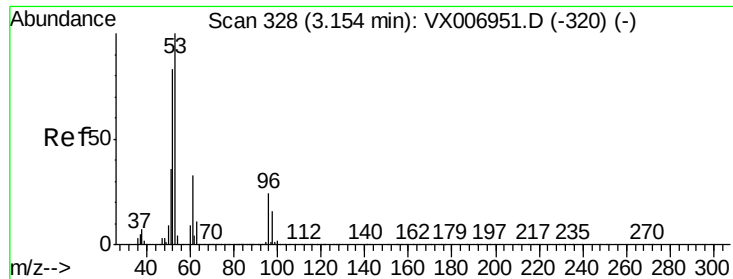
Ion Ratio Lower Upper

41 100

39 68.0 53.6 80.4

76 33.9 27.4 41.2





#15

Acrylonitrile

Concen: 93.252 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

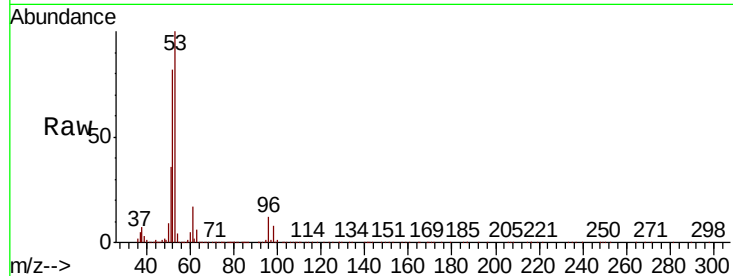
Tgt Ion: 53 Resp: 301614

Ion Ratio Lower Upper

53 100

52 82.9 66.0 99.0

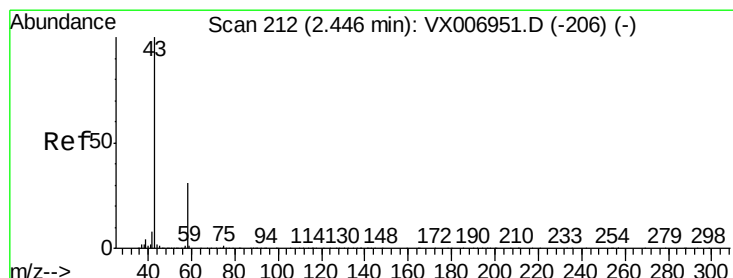
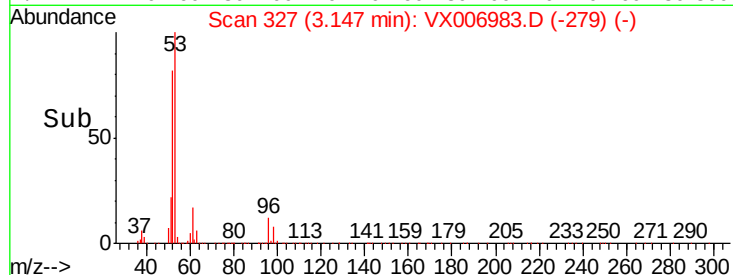
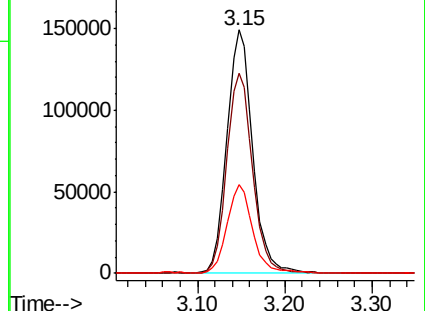
51 36.6 28.6 42.8



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: 93.294 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006983.D

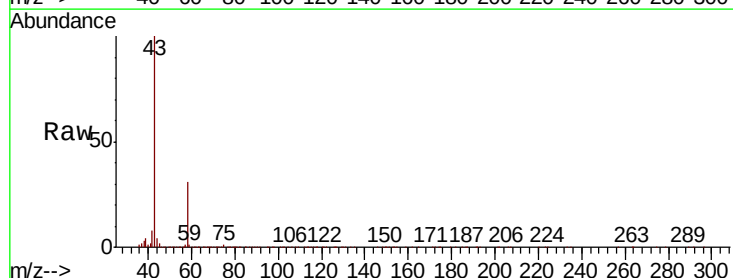
Acq: 10 Jan 2019 12:14

Tgt Ion: 43 Resp: 275473

Ion Ratio Lower Upper

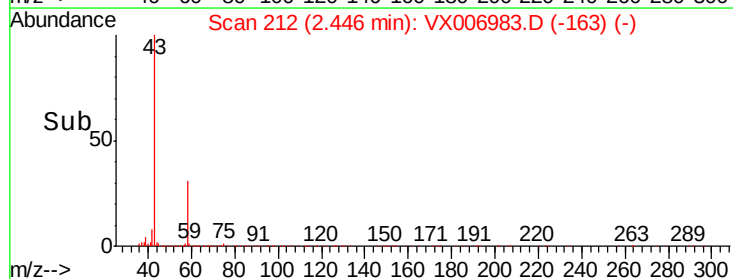
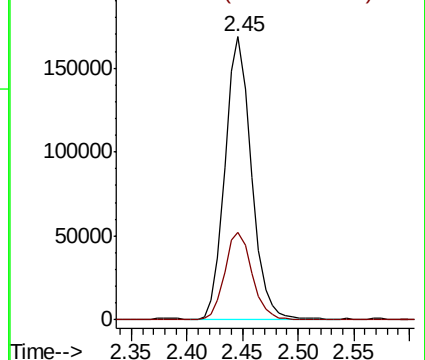
43 100

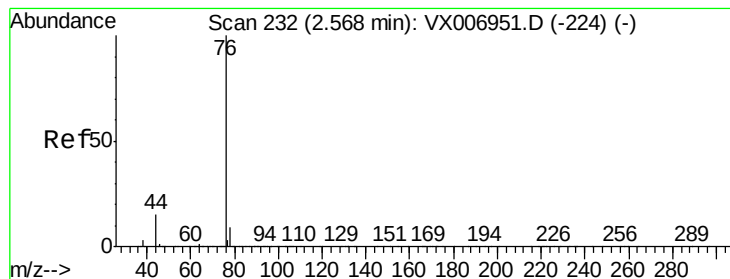
58 30.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.834 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

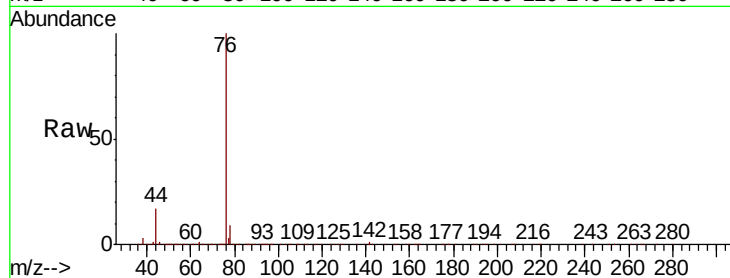
VX0110WBS01

Tgt Ion: 76 Resp: 227655

Ion Ratio Lower Upper

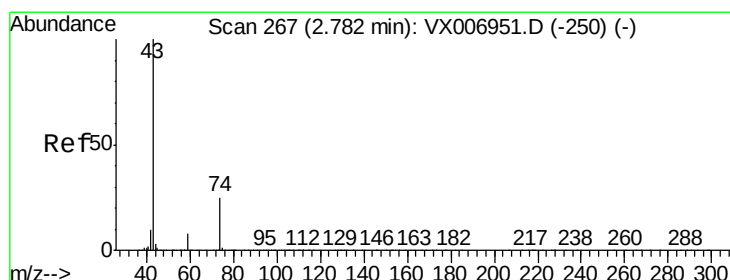
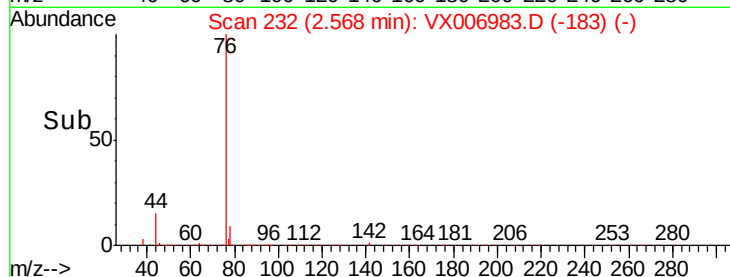
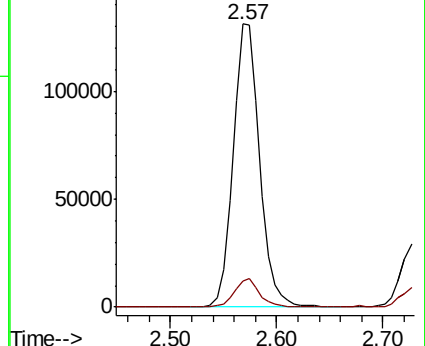
76 100

78 9.2 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: 18.204 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006983.D

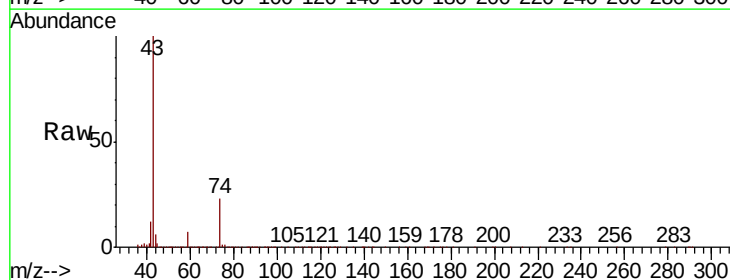
Acq: 10 Jan 2019 12:14

Tgt Ion: 43 Resp: 155666

Ion Ratio Lower Upper

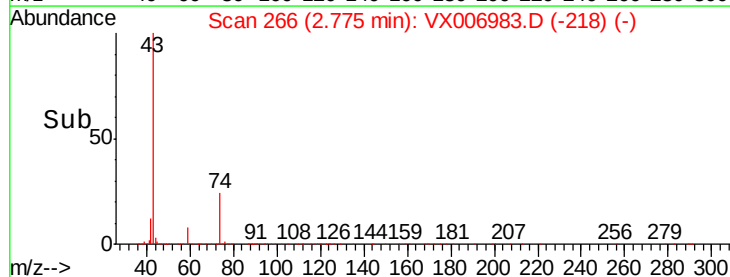
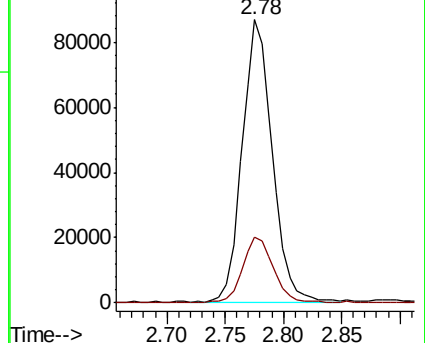
43 100

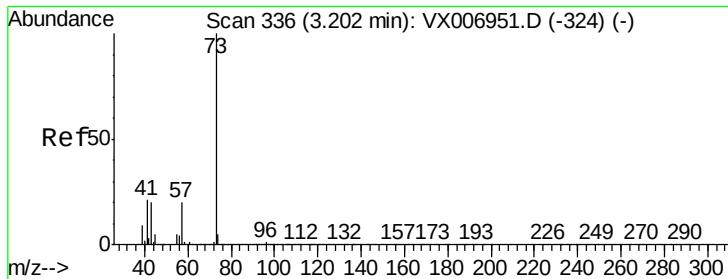
74 24.2 18.6 28.0



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: 18.456 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

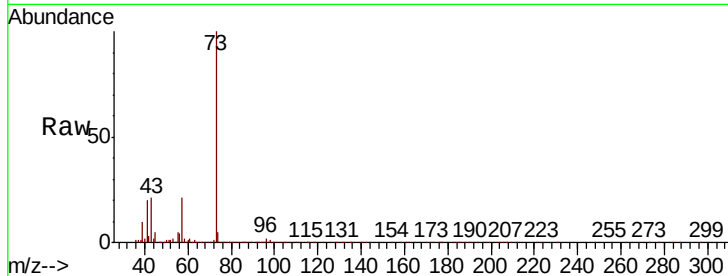
VX0110WBS01

Tgt Ion: 73 Resp: 336482

Ion Ratio Lower Upper

73 100

57 20.7 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

150000

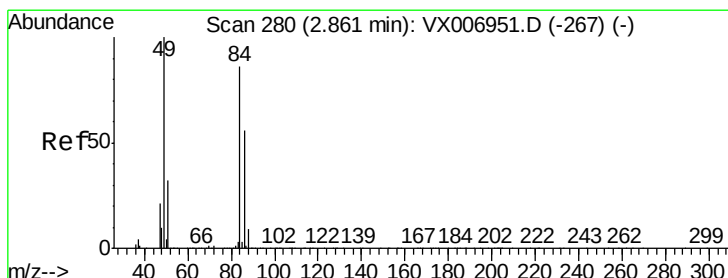
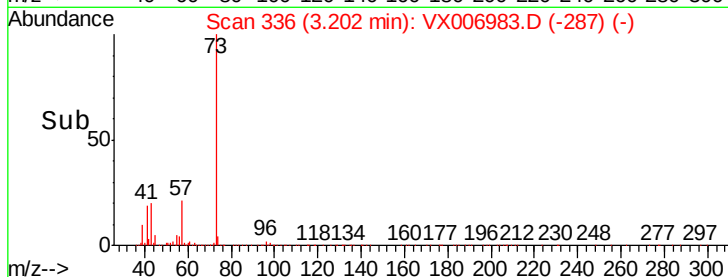
100000

50000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 19.971 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Tgt Ion: 84 Resp: 114071

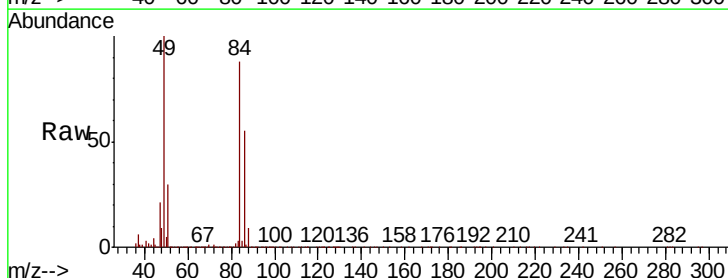
Ion Ratio Lower Upper

84 100

49 113.3 91.8 137.6

51 33.5 28.5 42.7

86 62.4 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

100000

80000

60000

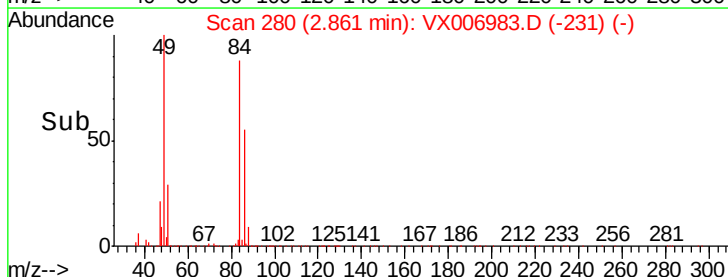
40000

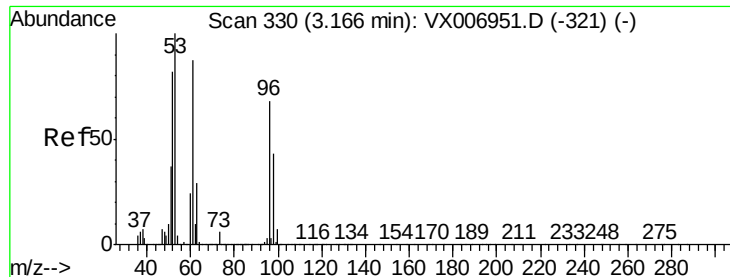
20000

0

2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 18.024 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

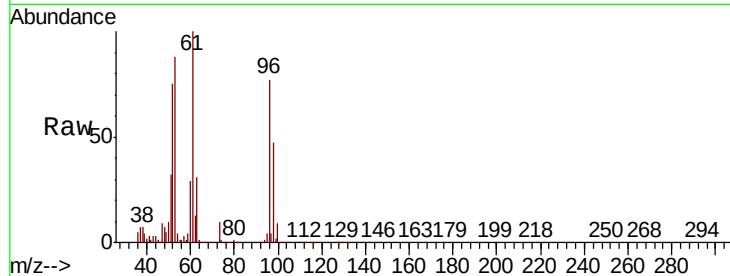
Tgt Ion: 96 Resp: 105503

Ion Ratio Lower Upper

96 100

61 129.5 103.7 155.5

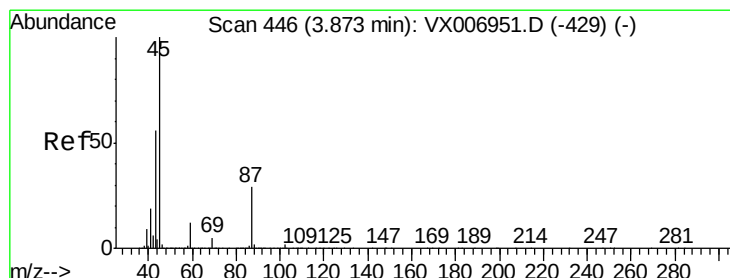
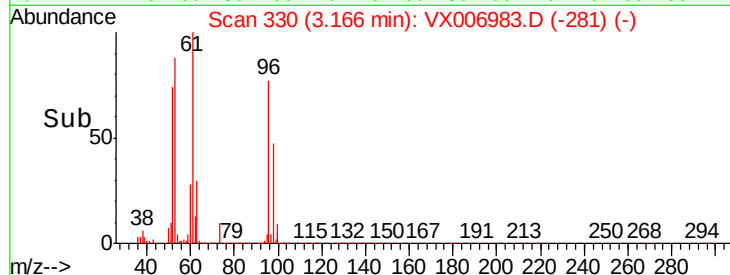
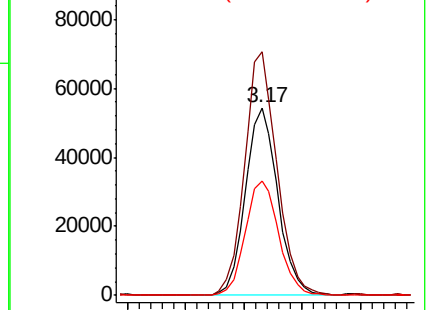
98 60.6 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.570 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Tgt Ion: 45 Resp: 314273

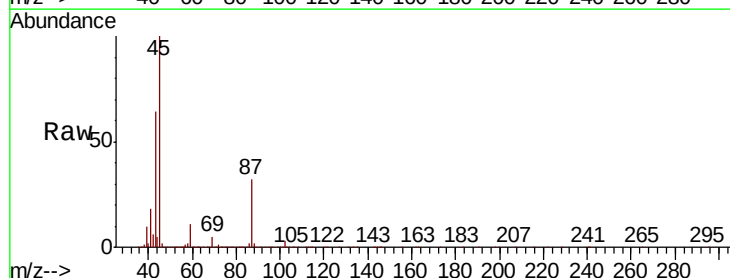
Ion Ratio Lower Upper

45 100

43 63.7 51.2 76.8

87 32.4 25.8 38.6

59 10.8 9.0 13.4

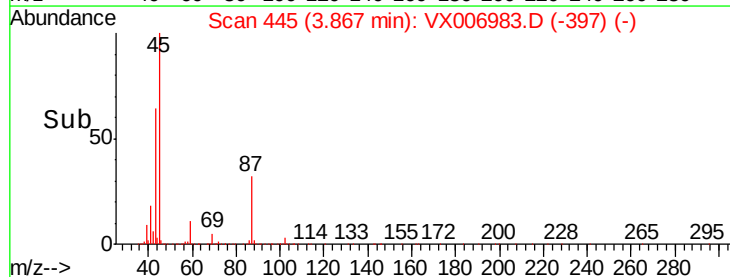
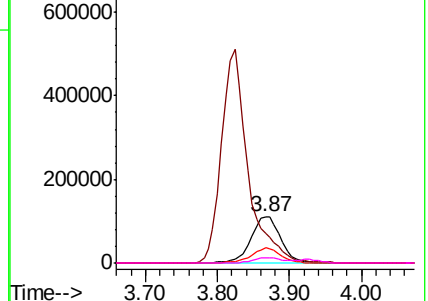


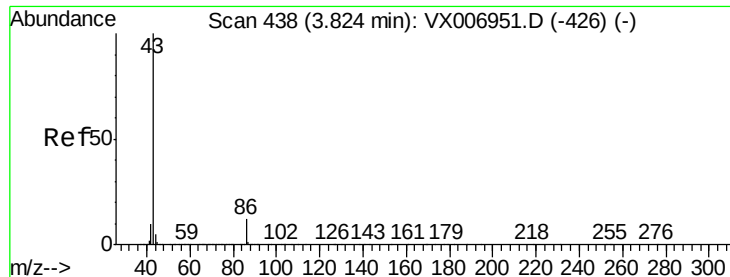
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 91.919 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

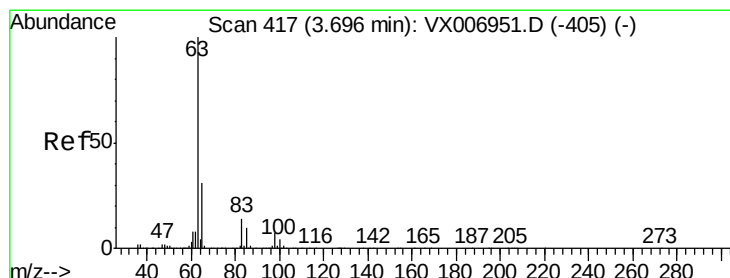
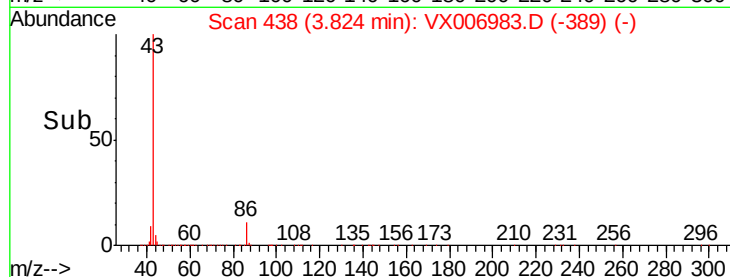
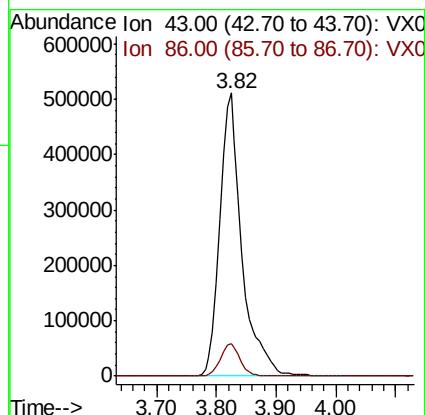
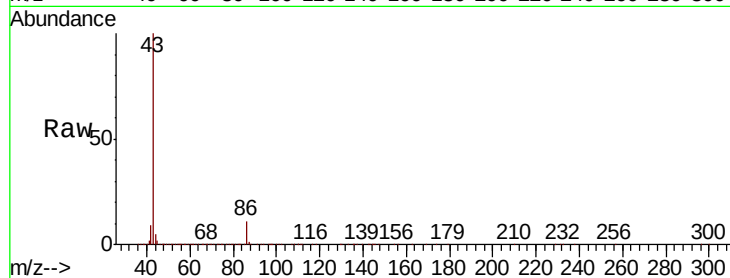
VX0110WBS01

Tgt Ion: 43 Resp: 1311870

Ion Ratio Lower Upper

43 100

86 11.4 9.2 13.8



#24

1,1-Dichloroethane

Concen: 19.479 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

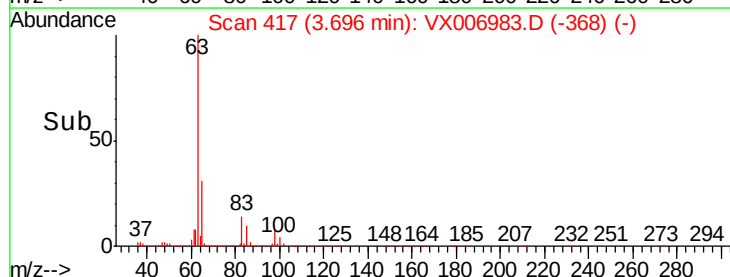
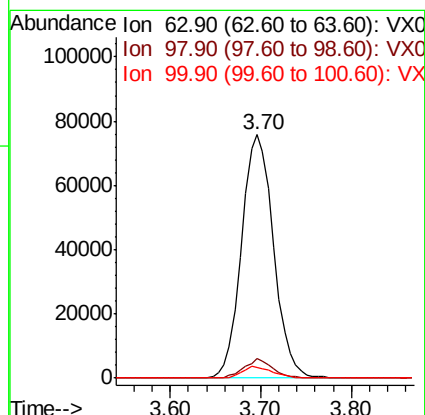
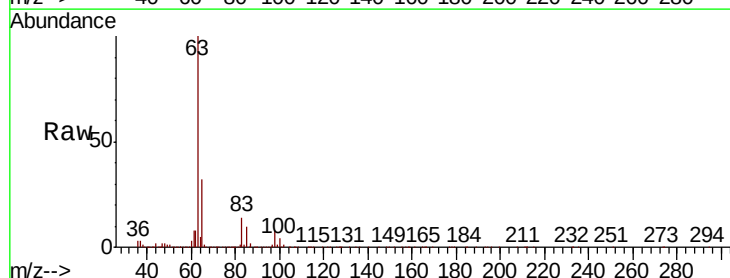
Tgt Ion: 63 Resp: 184331

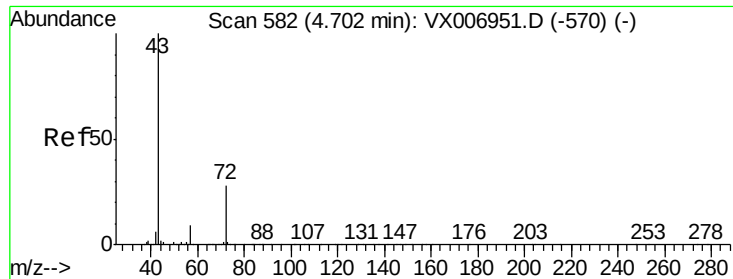
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 95.438 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

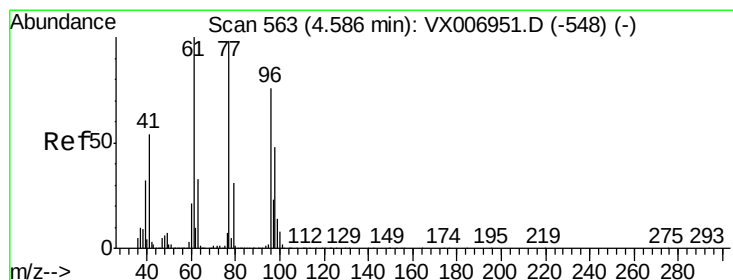
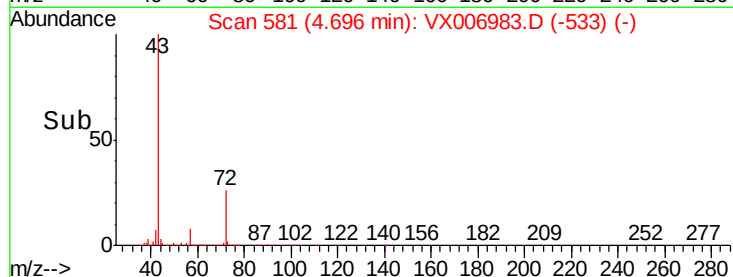
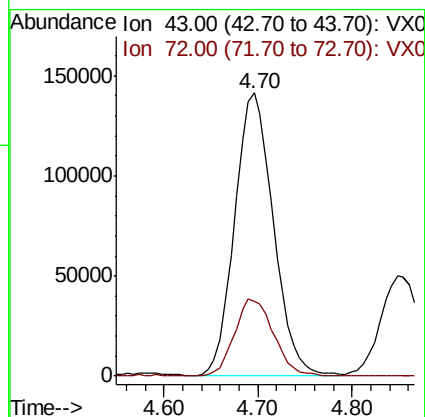
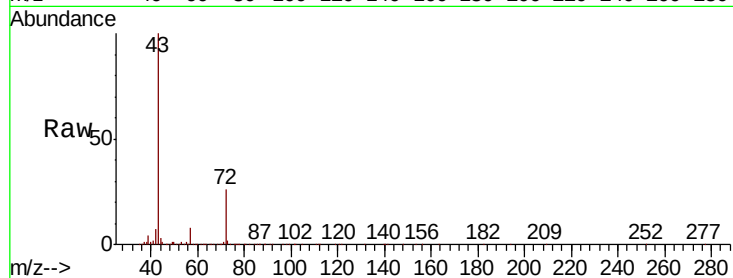
VX0110WBS01

Tgt Ion: 43 Resp: 403223

Ion Ratio Lower Upper

43 100

72 26.3 22.4 33.6



#26

2,2-Dichloropropane

Concen: 18.014 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006983.D

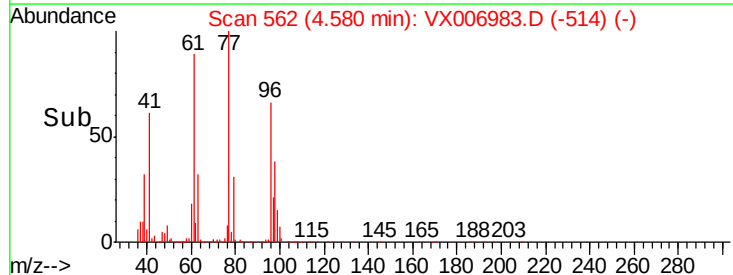
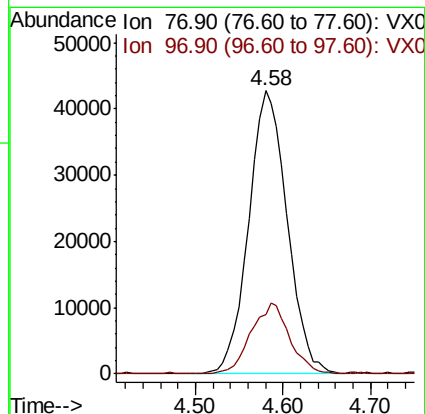
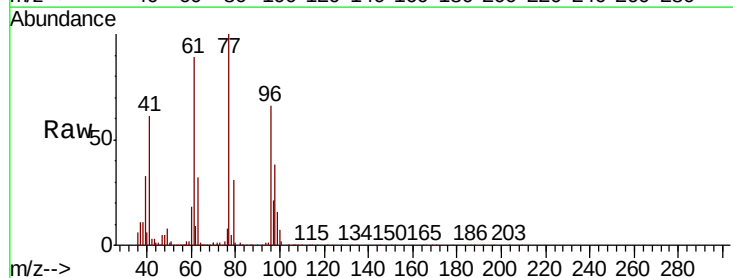
Acq: 10 Jan 2019 12:14

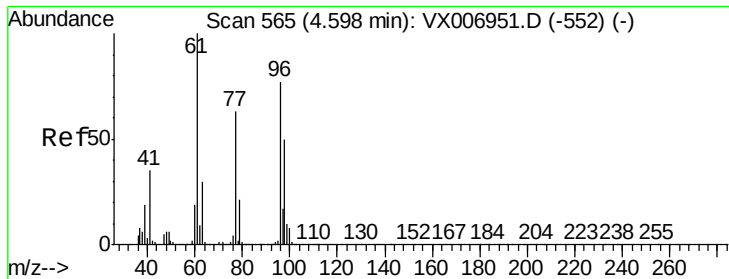
Tgt Ion: 77 Resp: 131086

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.4



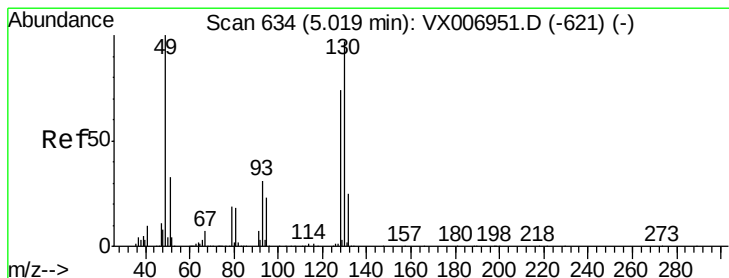
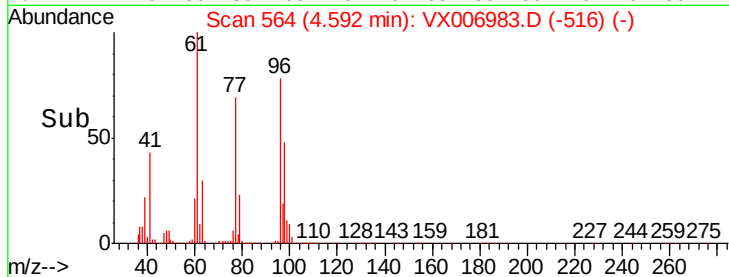
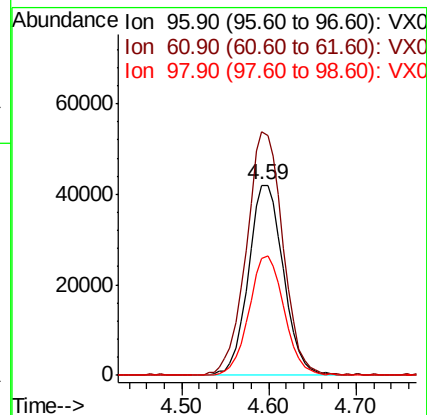
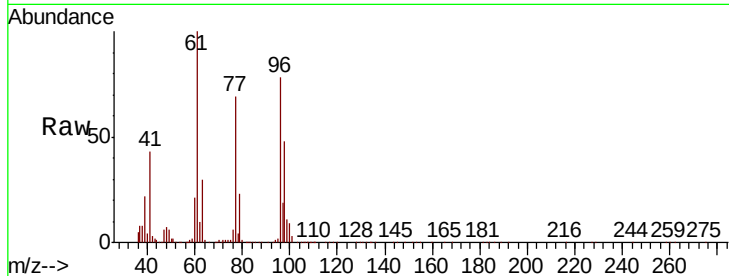


#27

cis-1,2-Dichloroethene
 Concen: 18.179 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX006983.D
 Acq: 10 Jan 2019 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS01

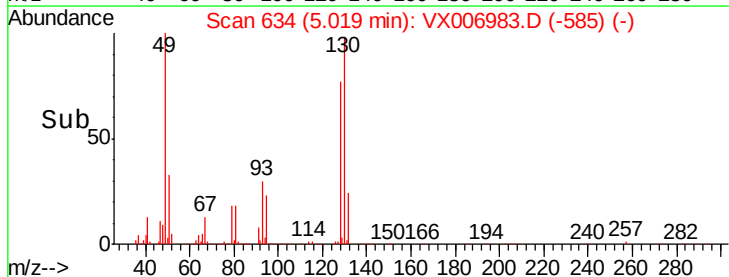
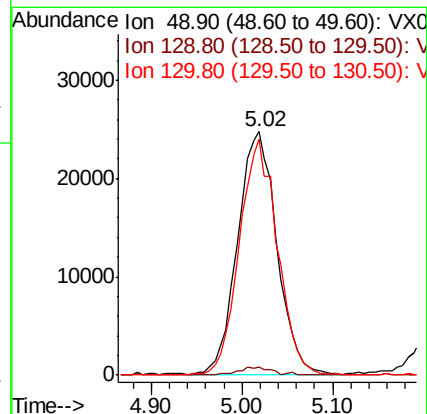
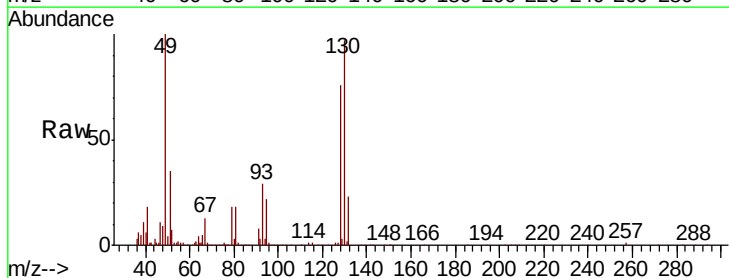
Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.8	0.0	258.6
98	63.4	0.0	132.0

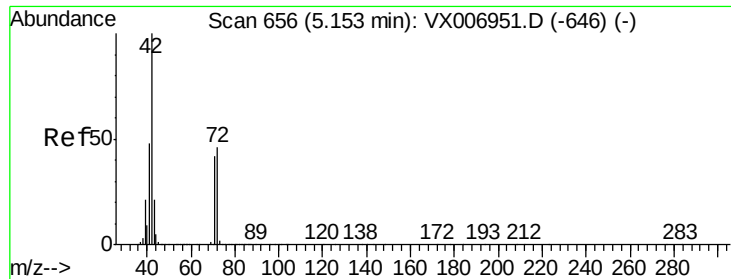


#28

Bromochloromethane
 Concen: 17.982 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006983.D
 Acq: 10 Jan 2019 12:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	93.6	77.7	116.5





#29

Tetrahydrofuran

Concen: 93.018 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

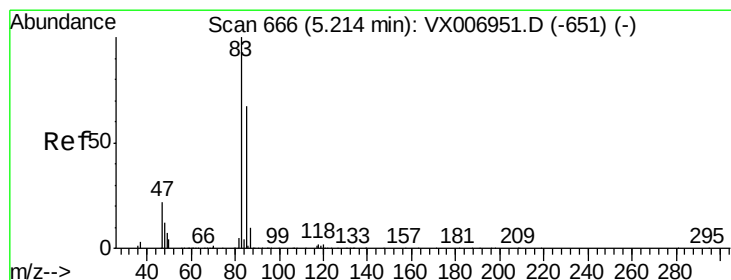
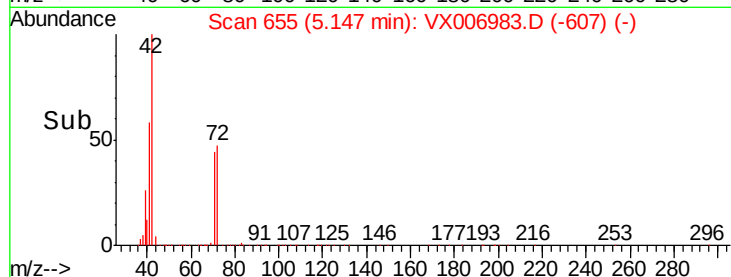
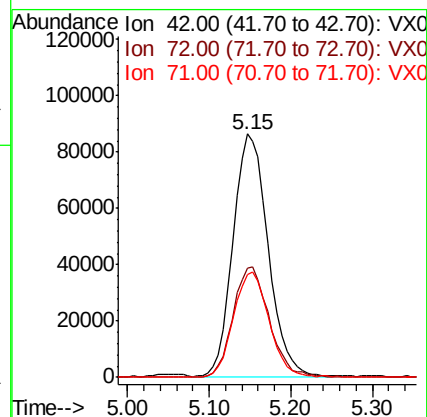
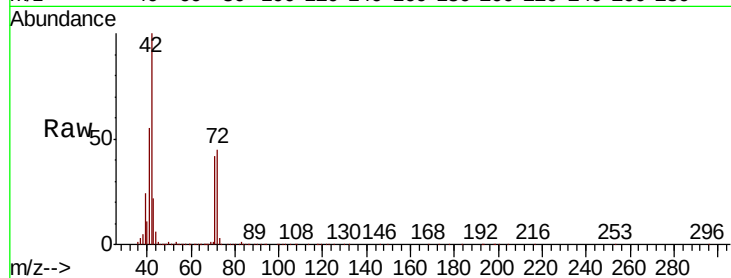
Tgt Ion: 42 Resp: 255399

Ion Ratio Lower Upper

42 100

72 46.9 38.9 58.3

71 43.8 36.2 54.4



#30

Chloroform

Concen: 19.157 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX006983.D

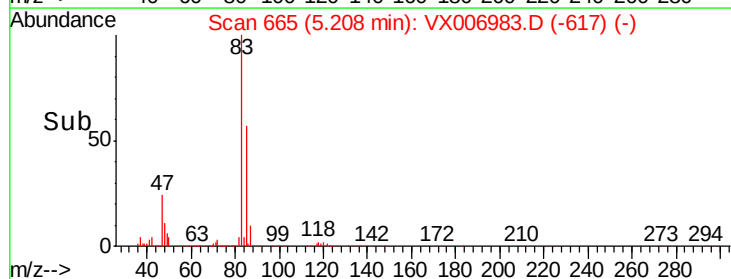
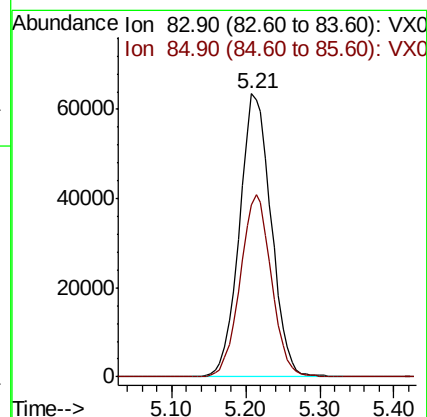
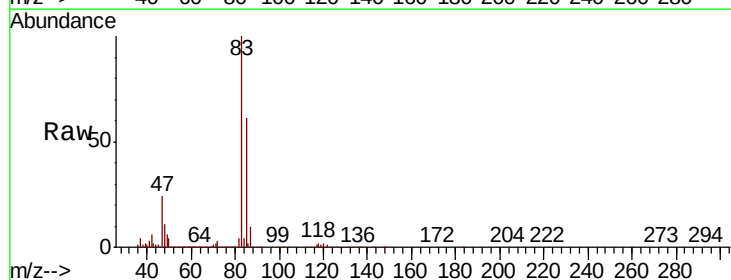
Acq: 10 Jan 2019 12:14

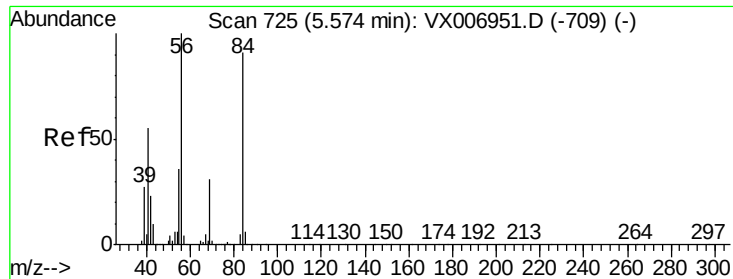
Tgt Ion: 83 Resp: 189801

Ion Ratio Lower Upper

83 100

85 60.5 51.2 76.8

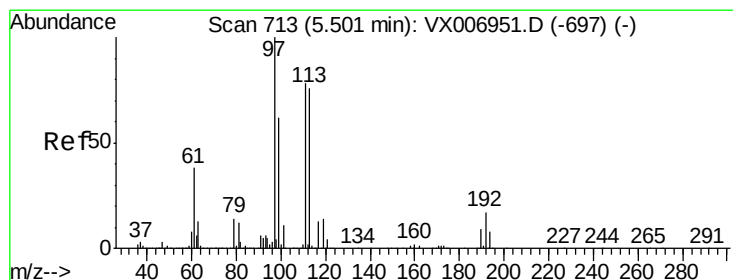
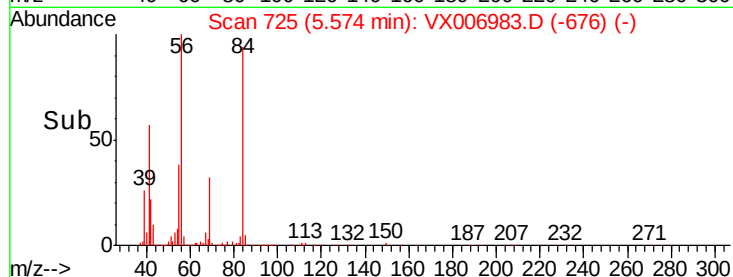
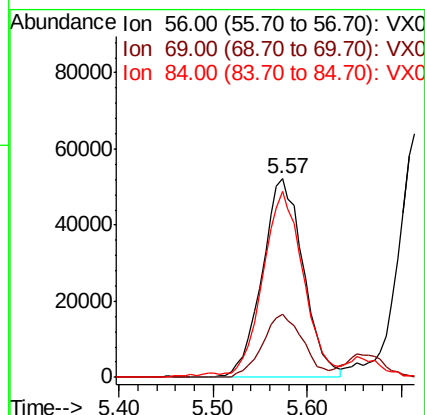
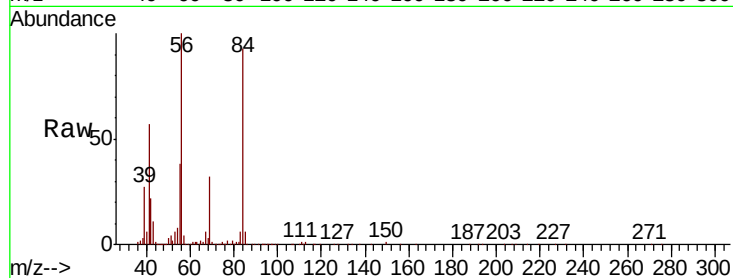




#31
Cyclohexane
Concen: 18.877 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

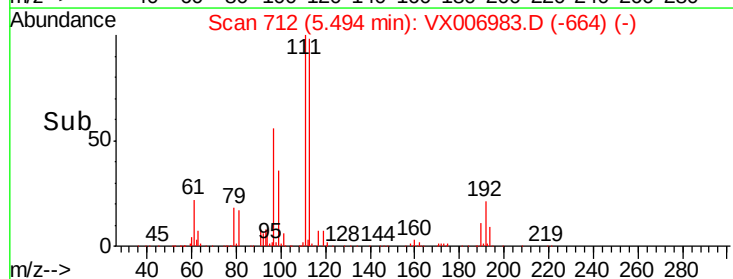
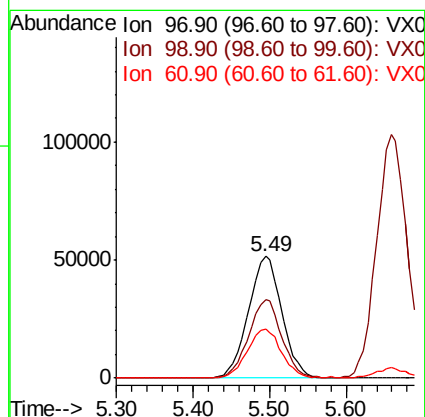
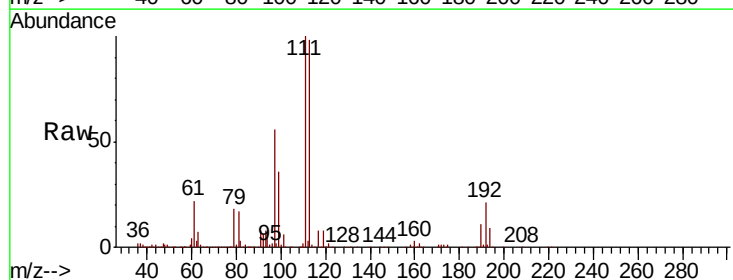
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

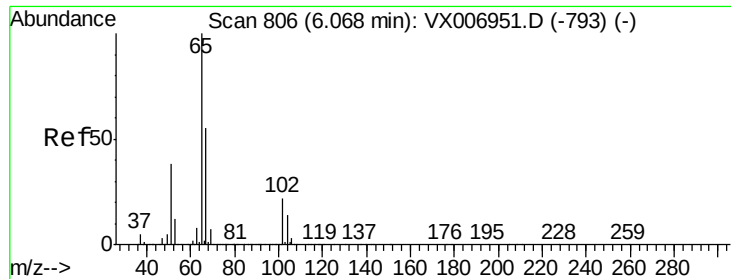
Tgt Ion: 56 Resp: 158989
Ion Ratio Lower Upper
56 100
69 31.7 24.4 36.6
84 92.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.688 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

Tgt Ion: 97 Resp: 156945
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 41.2 31.3 46.9

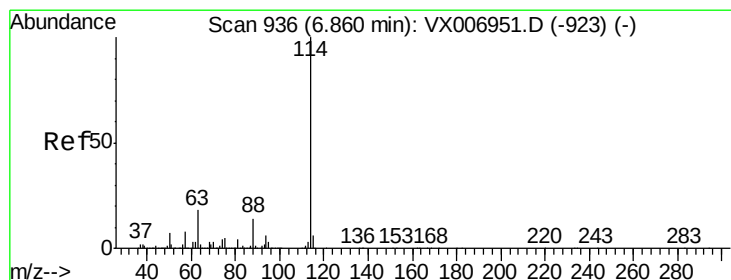
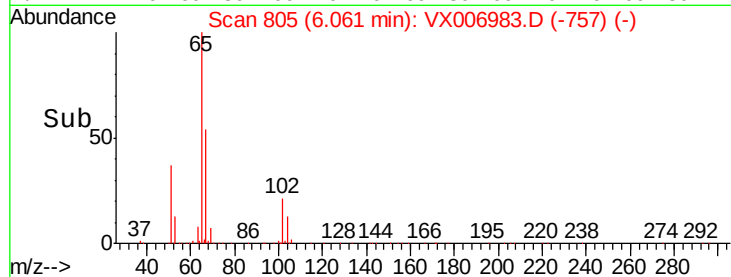
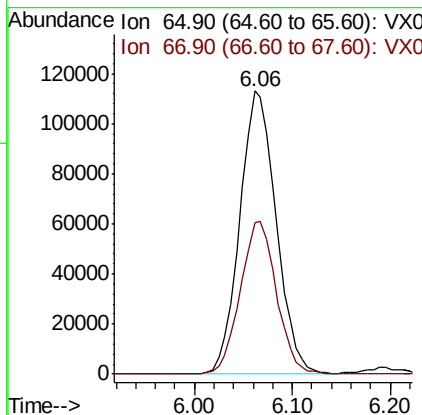
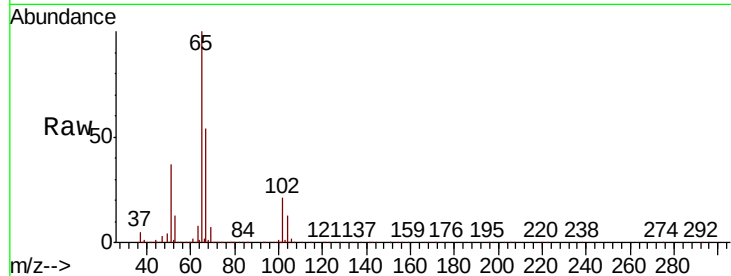




#33
 1,2-Dichloroethane-d4
 Concen: 48.828 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006983.D
 Acq: 10 Jan 2019 12:14

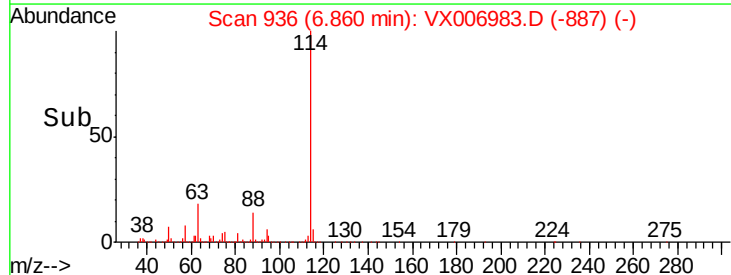
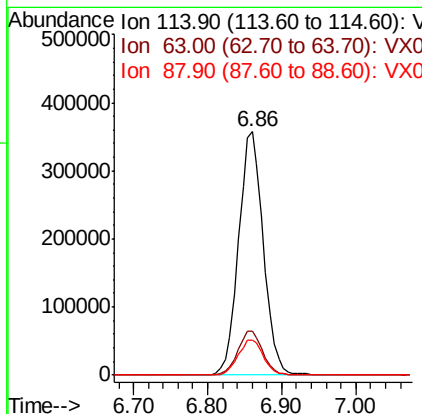
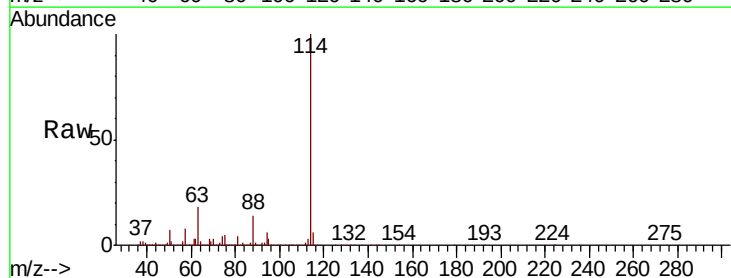
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS01

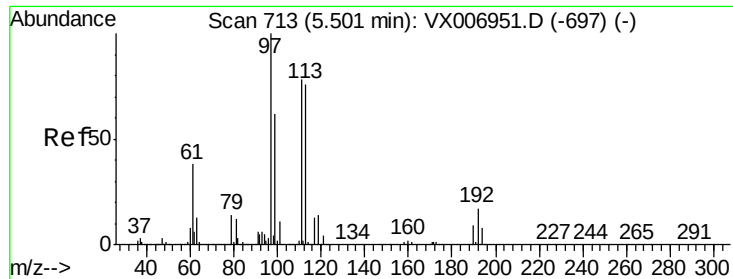
Tgt Ion: 65 Resp: 291640
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006983.D
 Acq: 10 Jan 2019 12:14

Tgt Ion: 114 Resp: 834254
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.8
 88 14.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.389 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

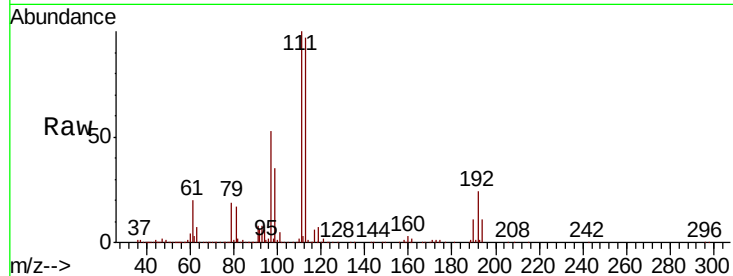
Tgt Ion:113 Resp: 263863

Ion Ratio Lower Upper

113 100

111 101.1 81.6 122.4

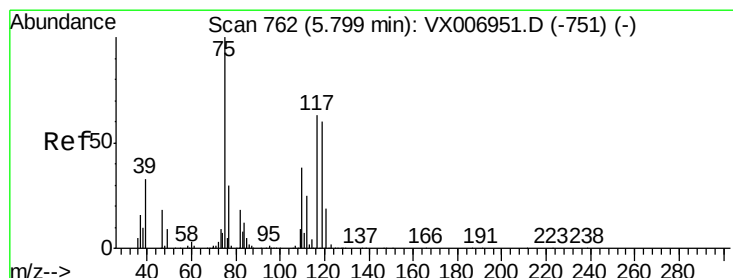
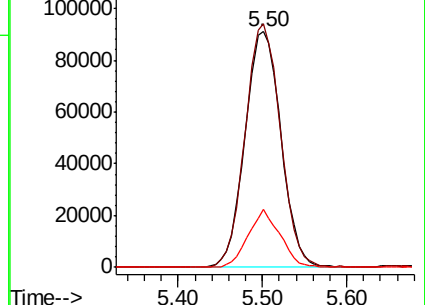
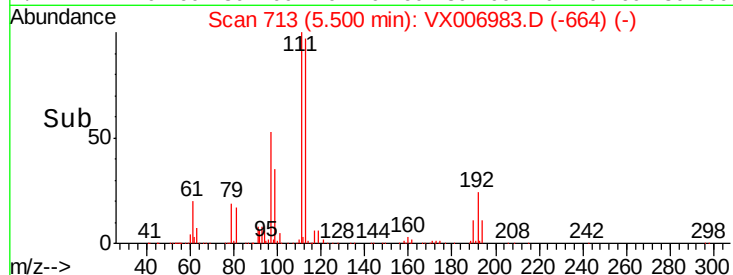
192 21.8 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.097 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

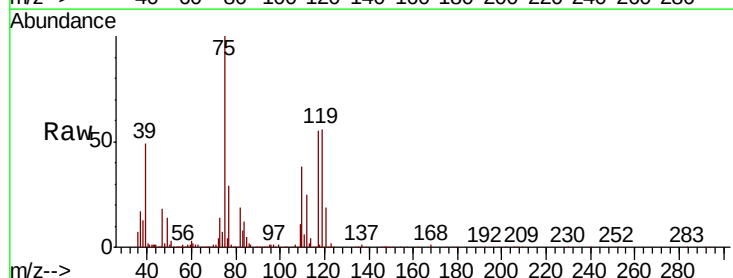
Tgt Ion: 75 Resp: 138514

Ion Ratio Lower Upper

75 100

110 38.6 20.2 60.5

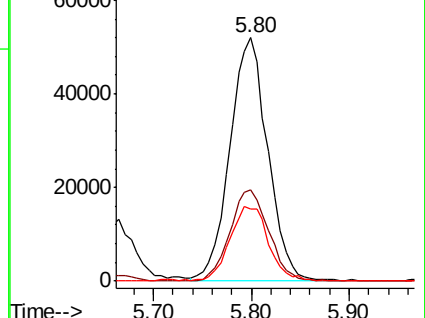
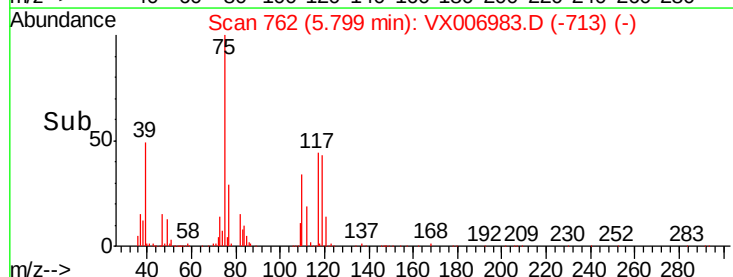
77 31.1 24.8 37.2

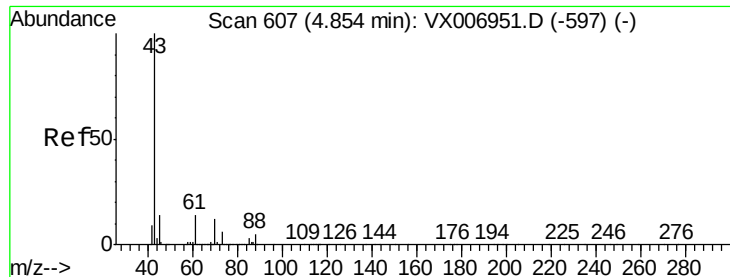


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

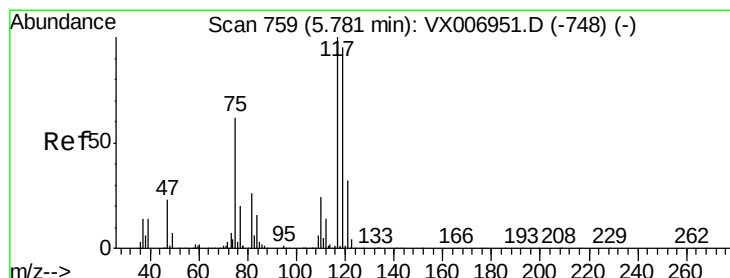
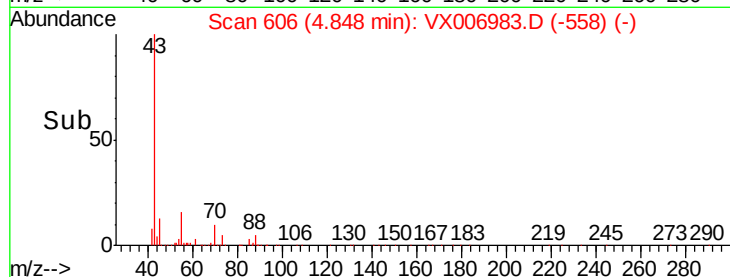
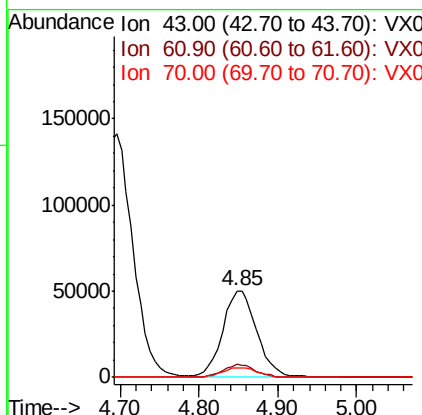
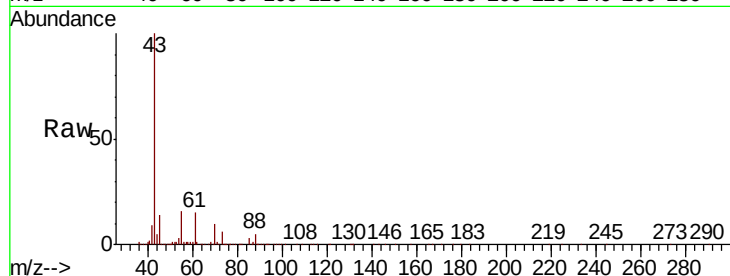




#37
 Ethyl Acetate
 Concen: 19.368 ug/l
 RT: 4.85 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX006983.D
 Acq: 10 Jan 2019 12:14

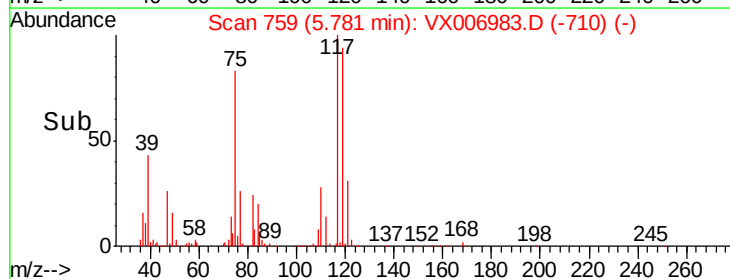
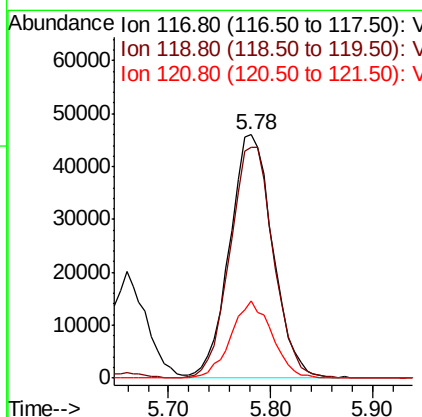
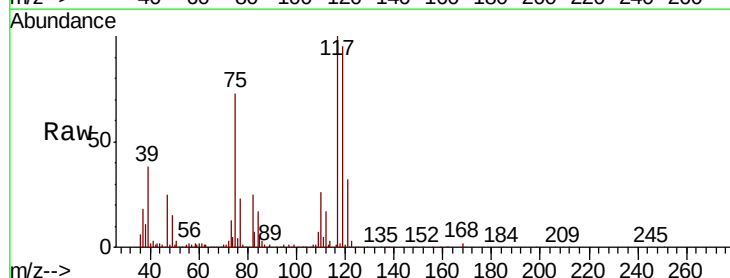
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS01

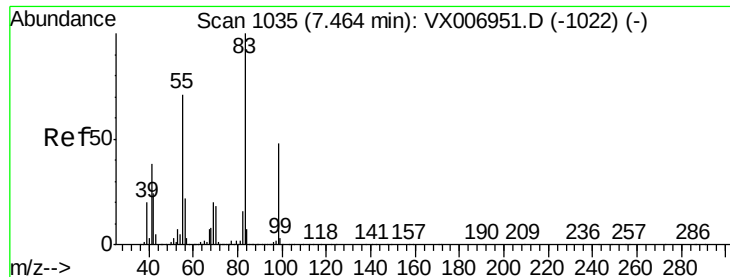
Tgt Ion: 43 Resp: 150603
 Ion Ratio Lower Upper
 43 100
 61 13.7 11.9 17.9
 70 11.9 9.7 14.5



#38
 Carbon Tetrachloride
 Concen: 18.490 ug/l
 RT: 5.78 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VX006983.D
 Acq: 10 Jan 2019 12:14

Tgt Ion: 117 Resp: 134934
 Ion Ratio Lower Upper
 117 100
 119 94.7 79.4 119.2
 121 31.8 24.0 36.0

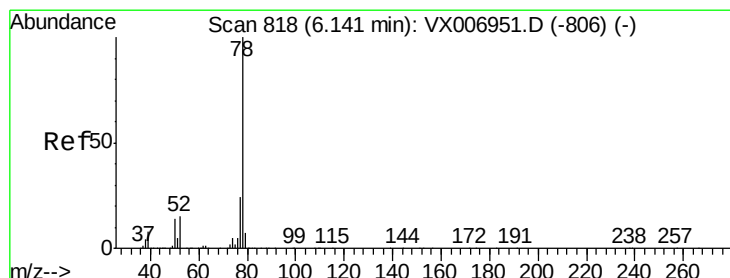
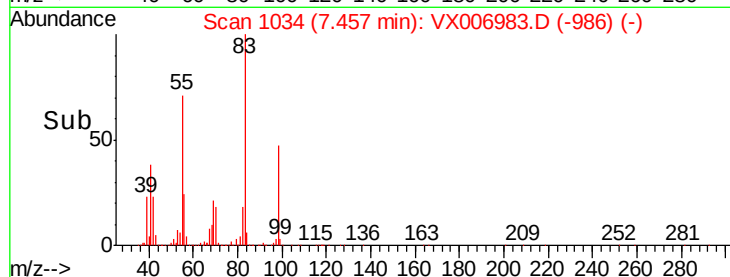
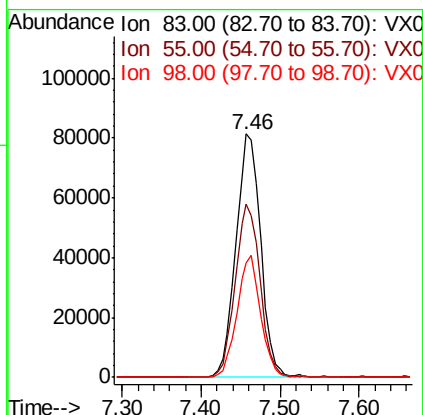
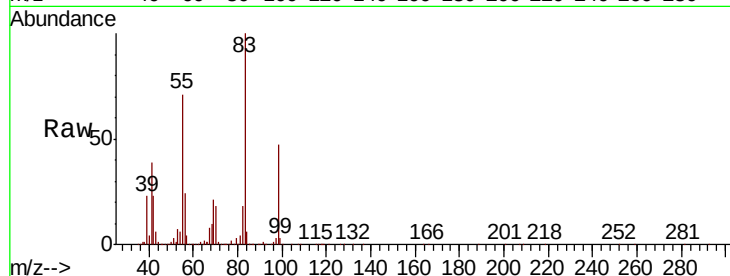




#39
Methylcyclohexane
Concen: 19.298 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

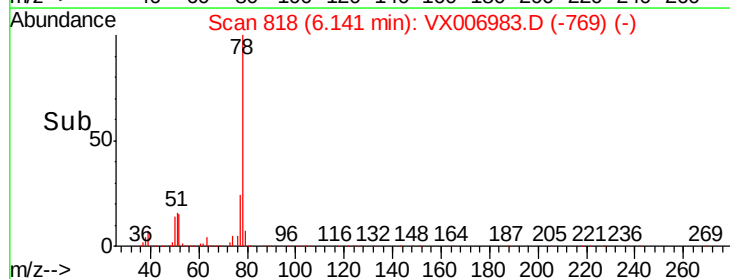
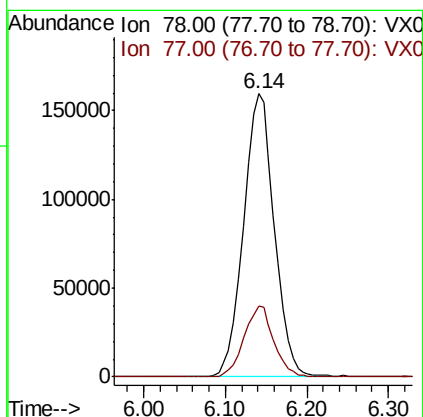
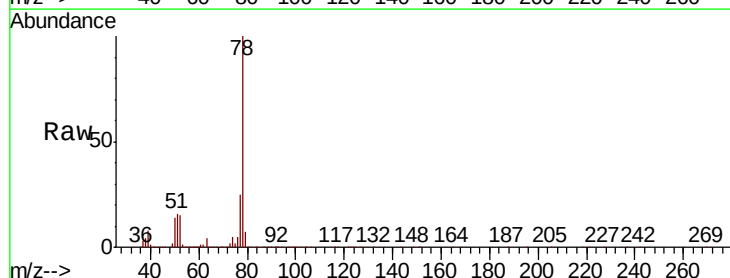
Instrument :
MSVOA_X
ClientSampled :
VX0110WBS01

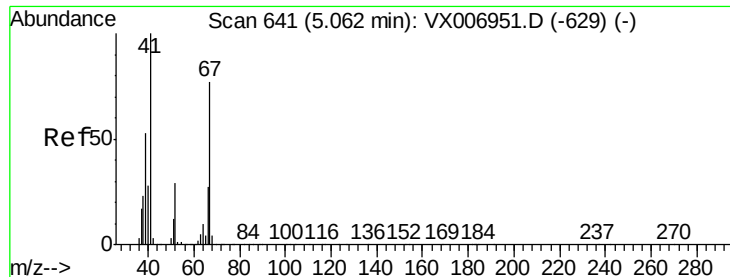
Tgt Ion: 83 Resp: 178441
Ion Ratio Lower Upper
83 100
55 71.2 54.9 82.3
98 46.8 37.9 56.9



#40
Benzene
Concen: 18.827 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

Tgt Ion: 78 Resp: 416661
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8

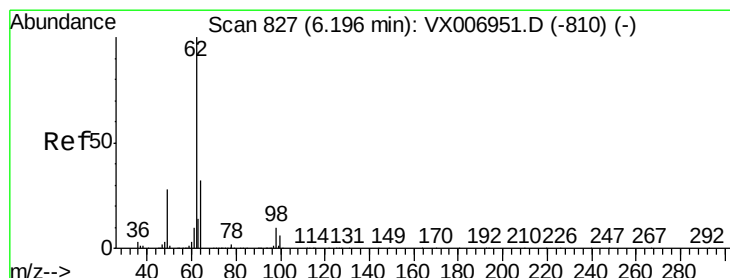
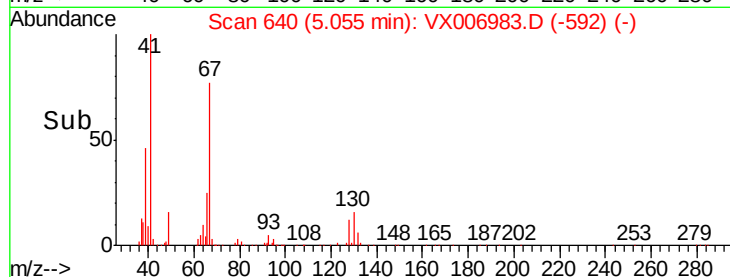
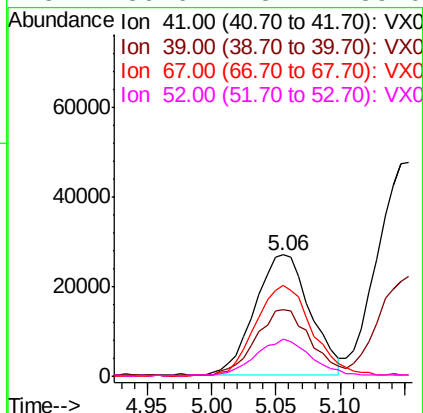
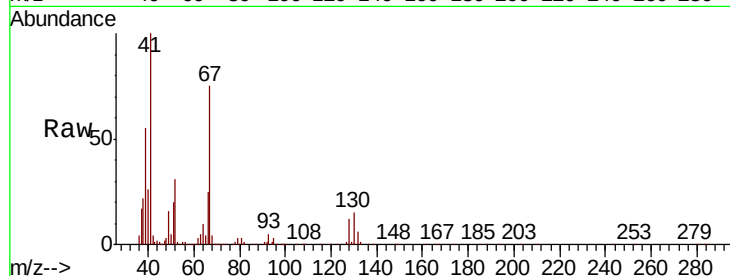




#41
Methacrylonitrile
Concen: 17.934 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

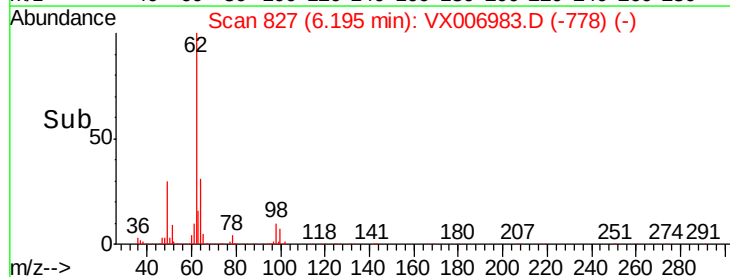
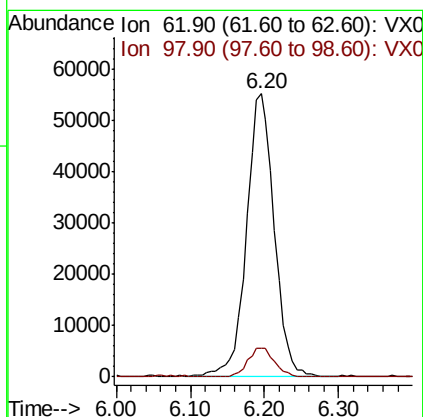
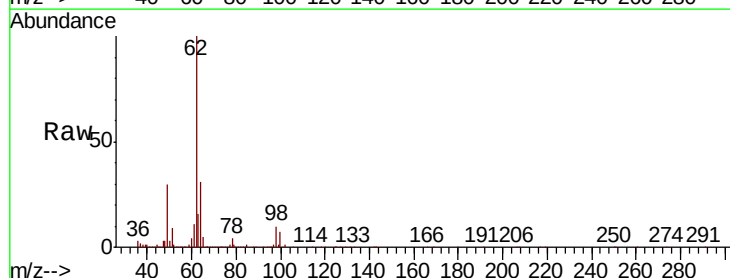
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

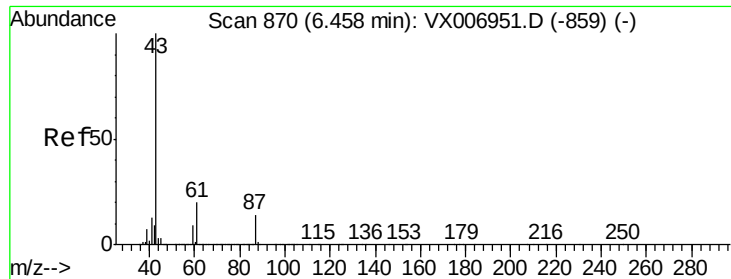
Tgt Ion:	41	Resp:	80336
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.8	64.2
67	77.8	62.1	93.1
52	30.6	23.4	35.0



#42
1,2-Dichloroethane
Concen: 18.649 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

Tgt Ion:	62	Resp:	142621
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 18.609 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

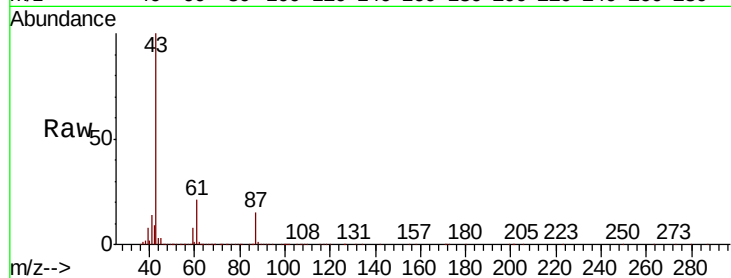
Tgt Ion: 43 Resp: 228247

Ion Ratio Lower Upper

43 100

61 21.0 16.8 25.2

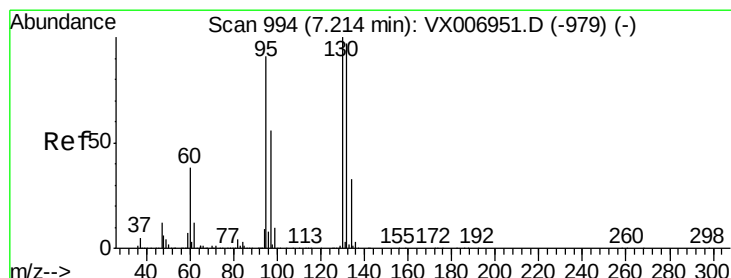
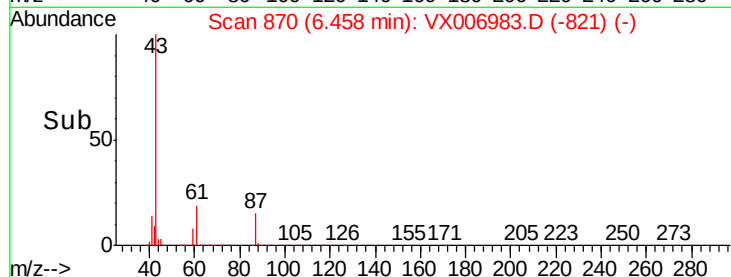
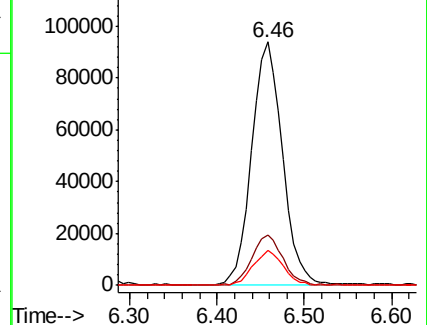
87 14.3 12.4 18.6



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: 18.494 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006983.D

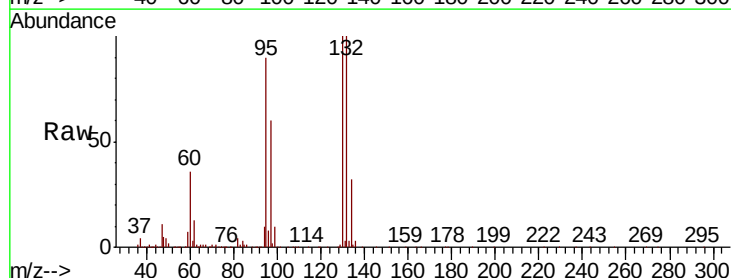
Acq: 10 Jan 2019 12:14

Tgt Ion: 130 Resp: 122649

Ion Ratio Lower Upper

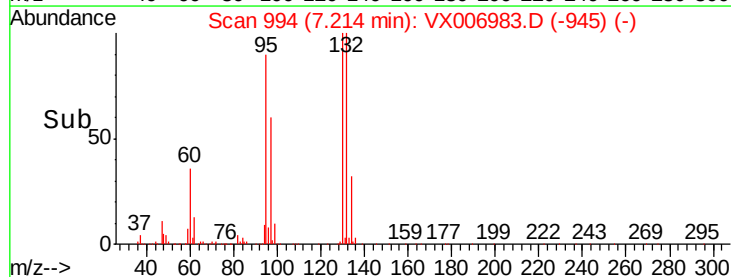
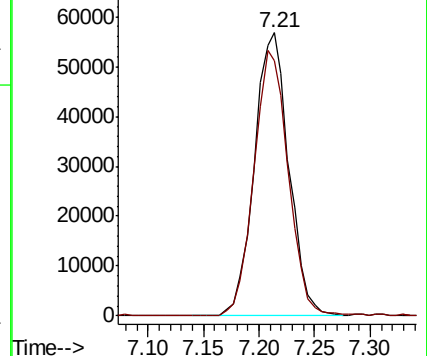
130 100

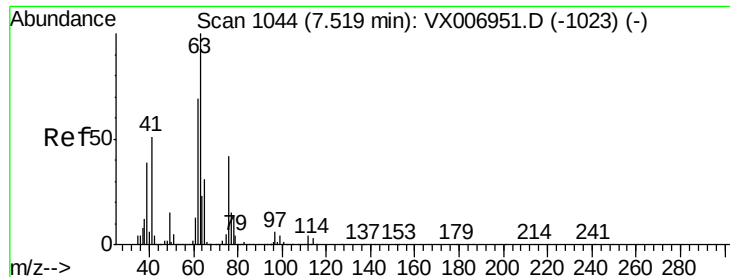
95 90.0 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.843 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

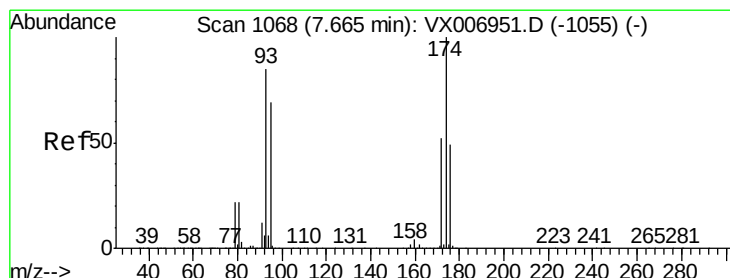
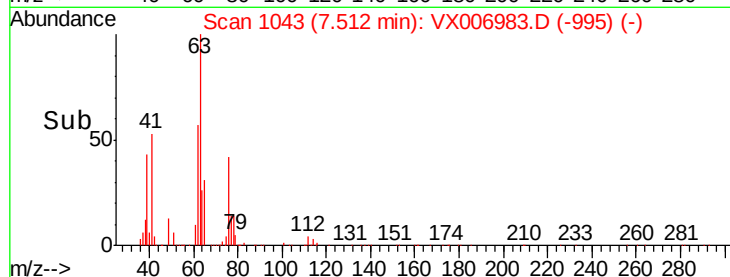
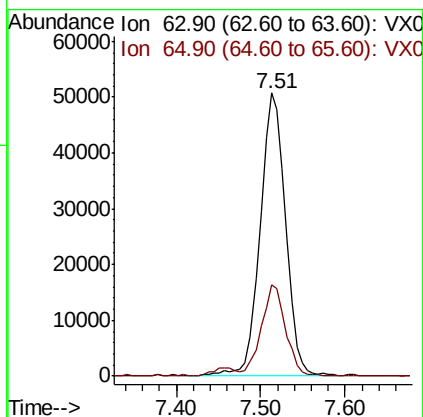
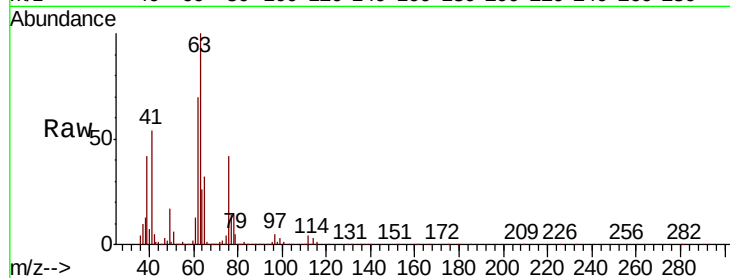
VX0110WBS01

Tgt Ion: 63 Resp: 104841

Ion Ratio Lower Upper

63 100

65 32.1 25.4 38.0



#46

Dibromomethane

Concen: 18.419 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

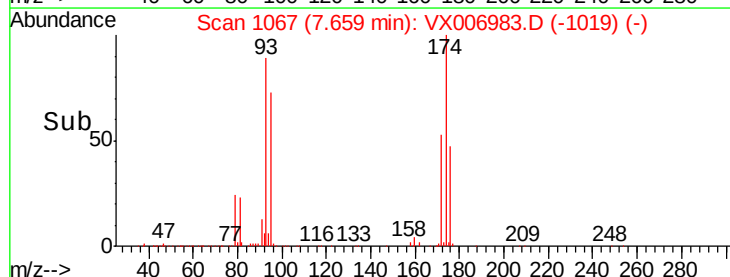
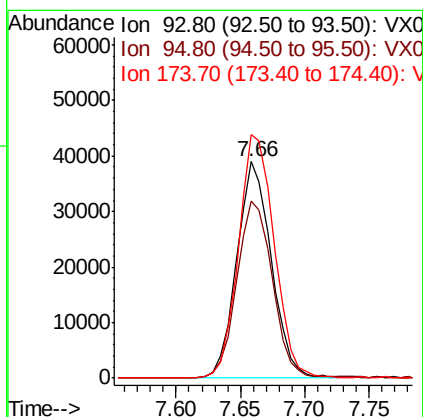
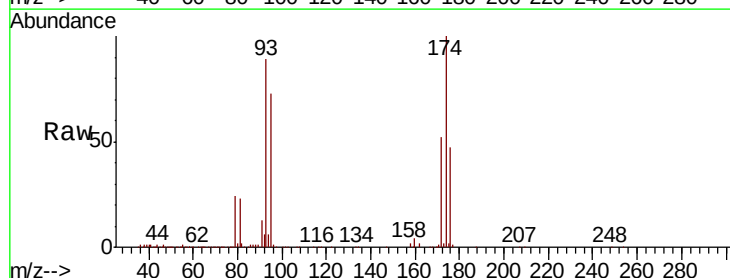
Tgt Ion: 93 Resp: 72024

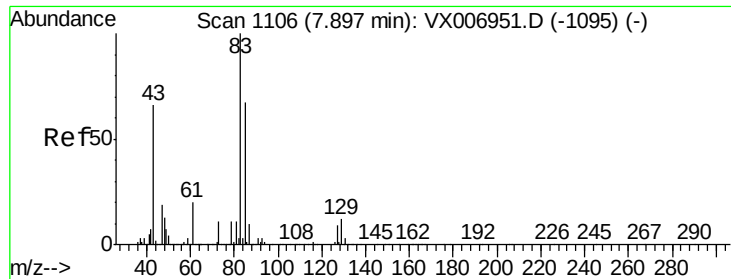
Ion Ratio Lower Upper

93 100

95 85.1 66.2 99.4

174 116.9 91.0 136.4





#47

Bromodichloromethane

Concen: 18.578 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

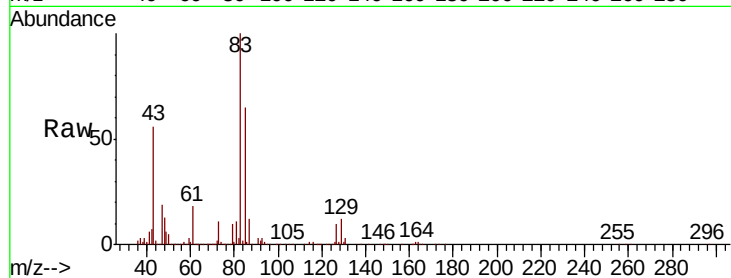
Tgt Ion: 83 Resp: 123658

Ion Ratio Lower Upper

83 100

85 64.7 53.2 79.8

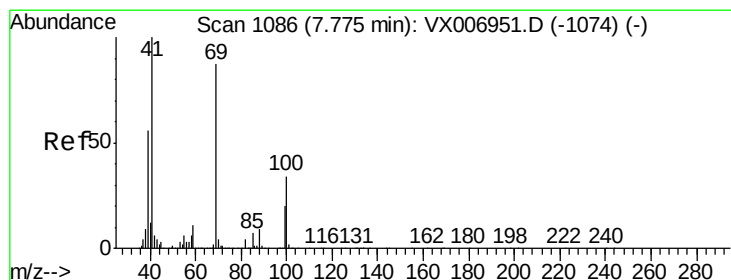
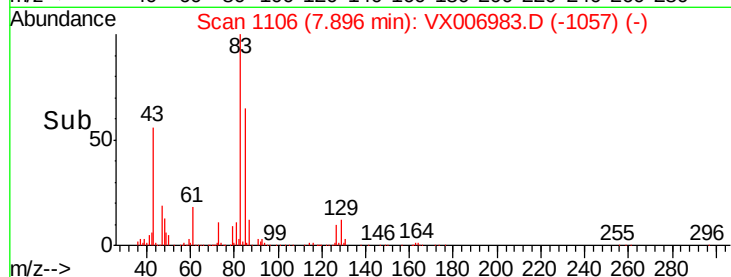
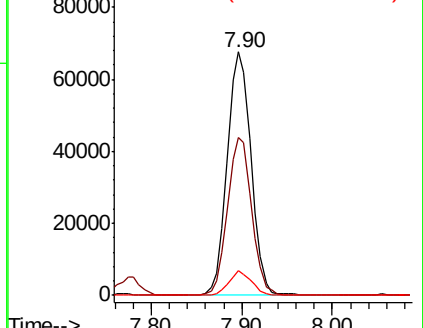
127 10.2 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.819 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

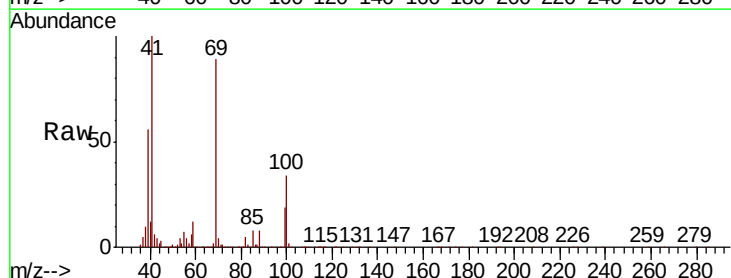
Tgt Ion: 41 Resp: 118536

Ion Ratio Lower Upper

41 100

69 86.7 72.4 108.6

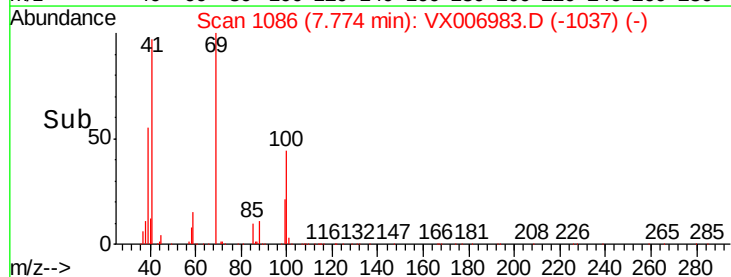
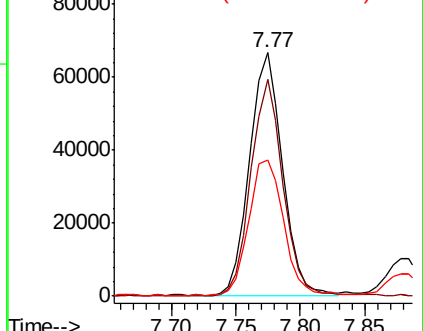
39 58.6 45.8 68.8

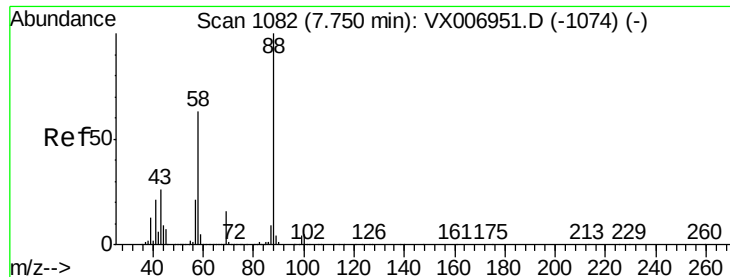


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 395.945 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

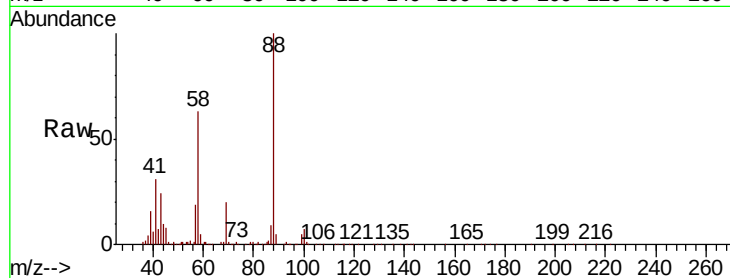
Tgt Ion: 88 Resp: 57701

Ion Ratio Lower Upper

88 100

43 31.1 22.2 33.4

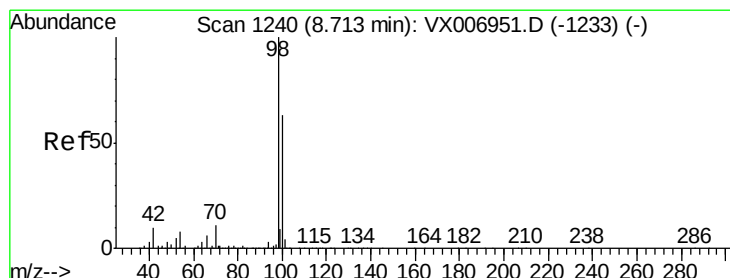
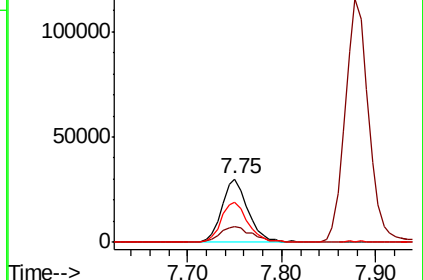
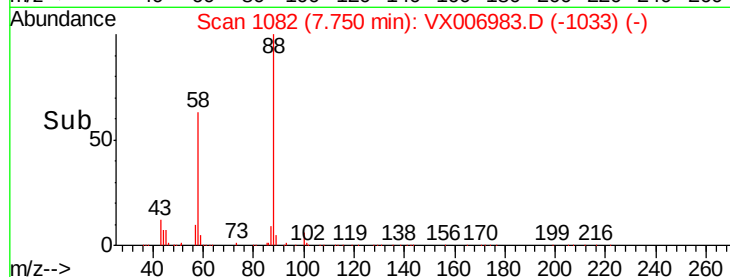
58 65.1 51.0 76.4



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: 50.267 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006983.D

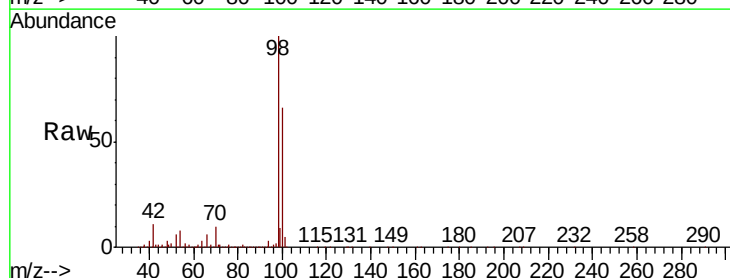
Acq: 10 Jan 2019 12:14

Tgt Ion: 98 Resp: 982980

Ion Ratio Lower Upper

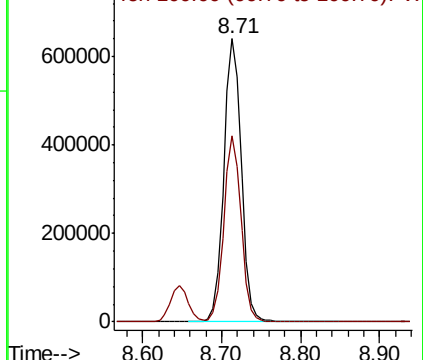
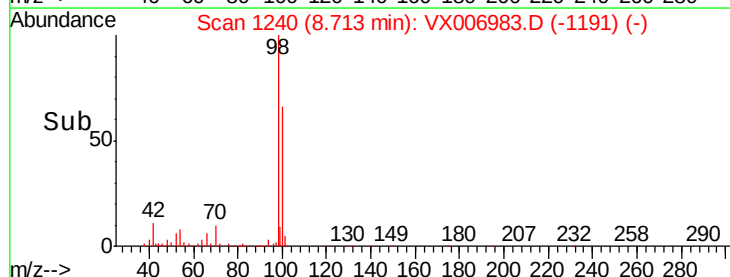
98 100

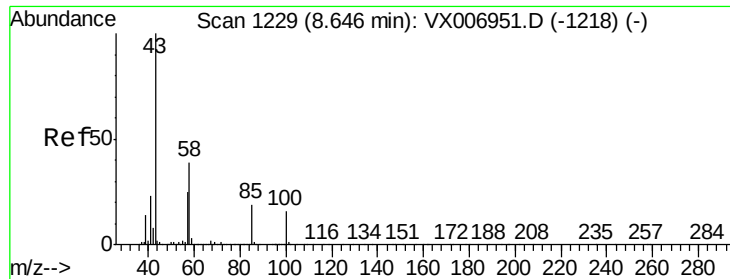
100 64.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

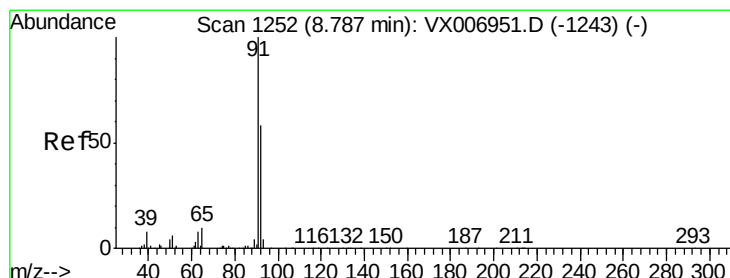
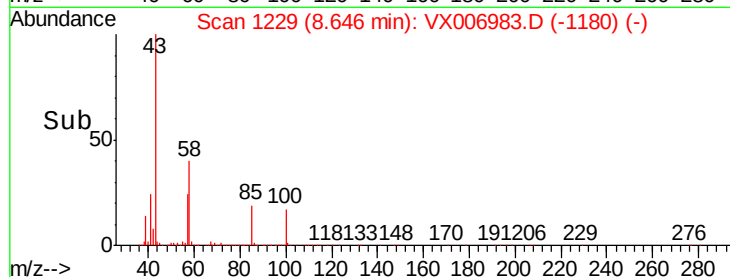
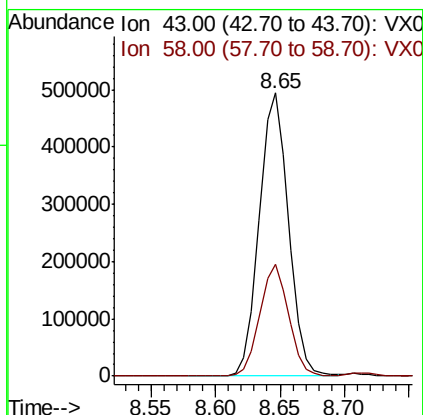
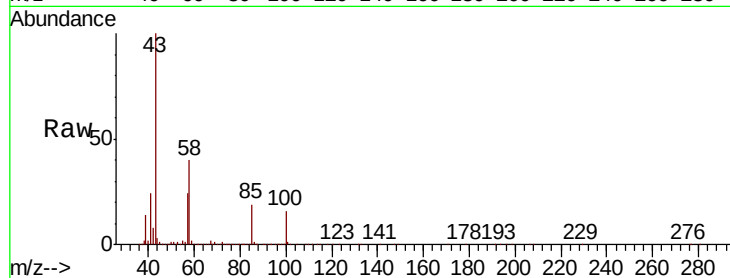




#51
 4-Methyl-2-Pentanone
 Concen: 98.163 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006983.D
 Acq: 10 Jan 2019 12:14

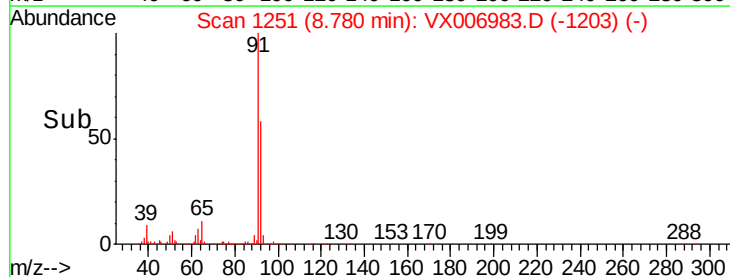
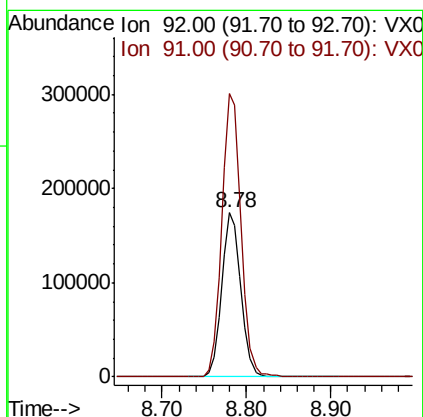
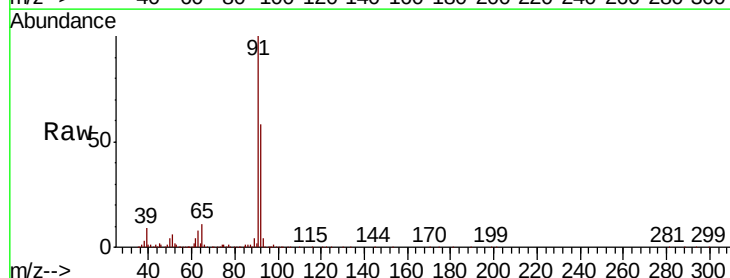
Instrument :
 MSVOA_X
 ClientSampled :
 VX0110WBS01

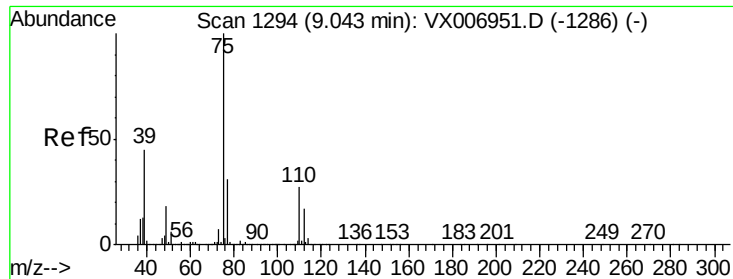
Tgt Ion: 43 Resp: 773784
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.8 47.6



#52
 Toluene
 Concen: 19.215 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX006983.D
 Acq: 10 Jan 2019 12:14

Tgt Ion: 92 Resp: 273321
 Ion Ratio Lower Upper
 92 100
 91 173.5 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.185 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampled :

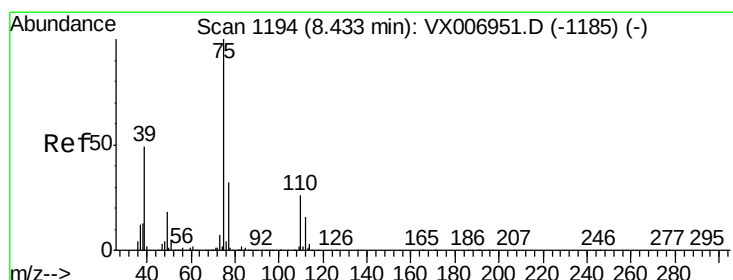
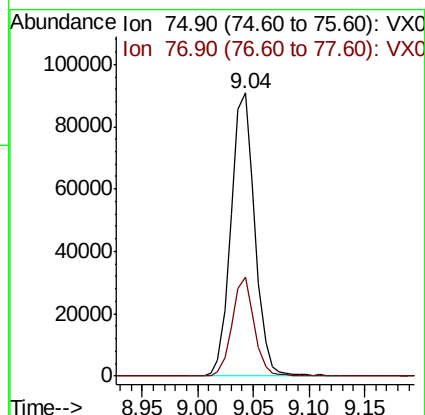
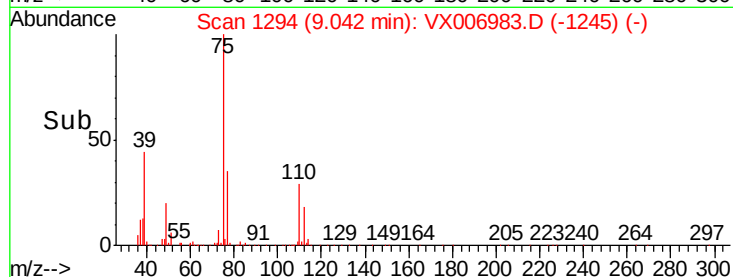
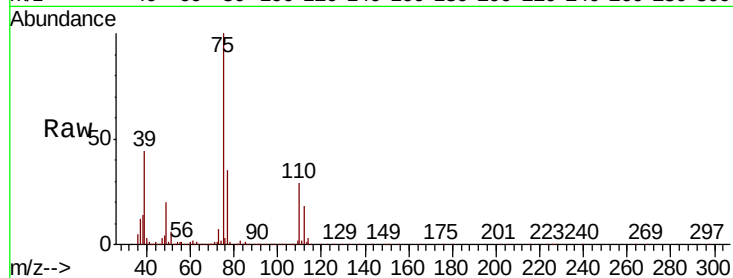
VX0110WBS01

Tgt Ion: 75 Resp: 134218

Ion Ratio Lower Upper

75 100

77 34.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.535 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

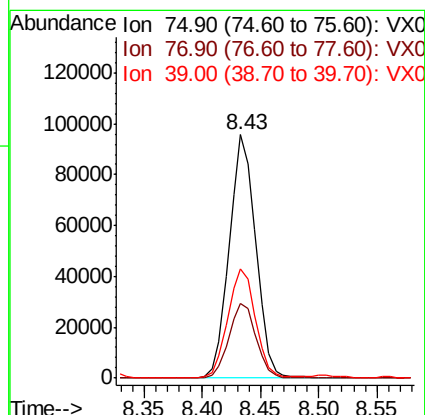
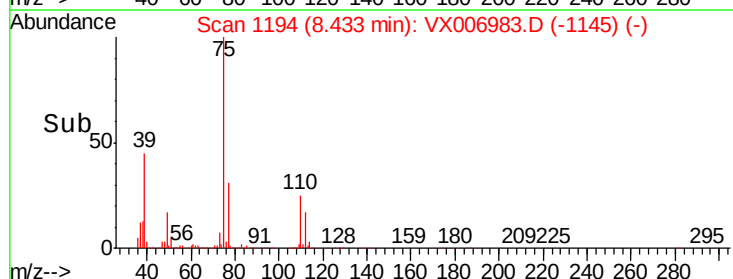
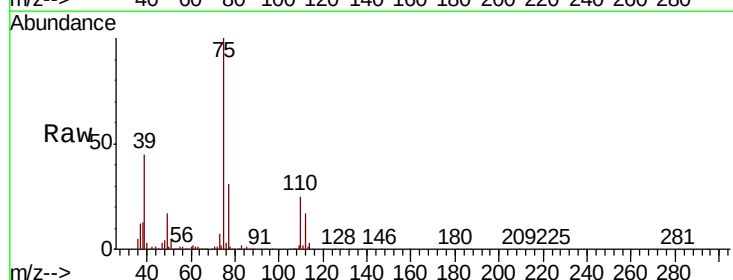
Tgt Ion: 75 Resp: 151073

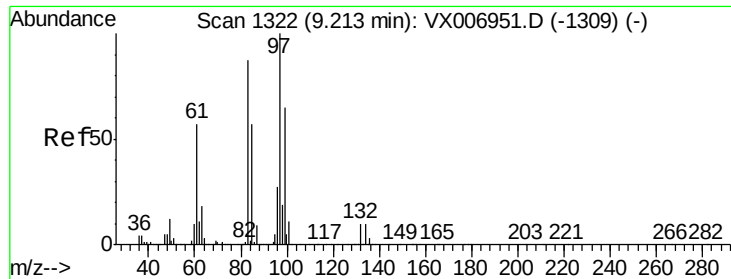
Ion Ratio Lower Upper

75 100

77 30.7 26.2 39.2

39 44.8 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 20.089 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

Tgt Ion: 97 Resp: 114379

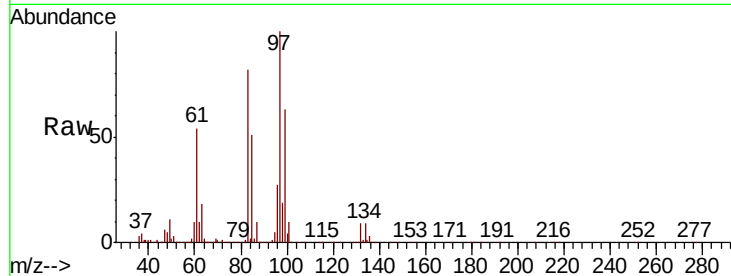
Ion Ratio Lower Upper

97 100

83 82.4 66.6 99.8

85 51.1 42.7 64.1

99 63.0 50.8 76.2

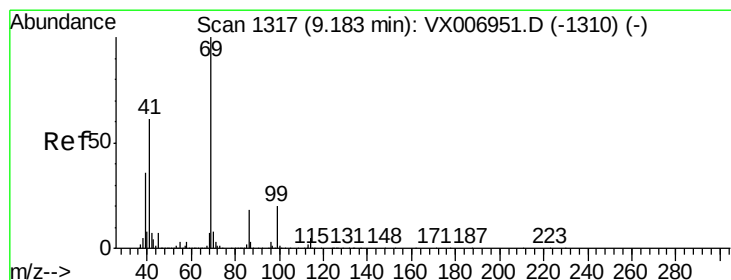
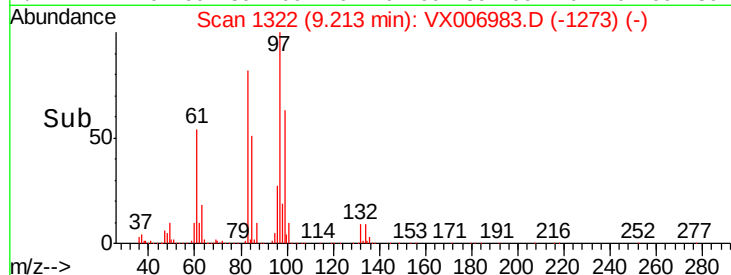
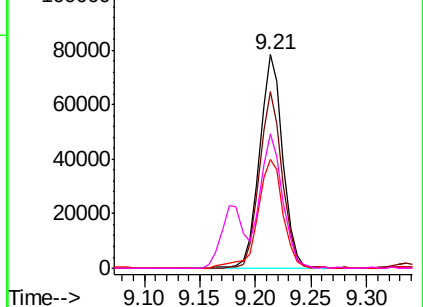


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.479 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

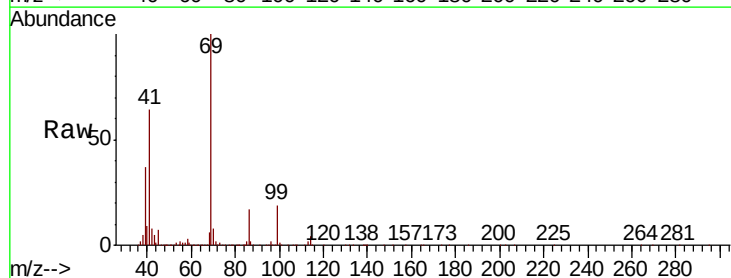
Tgt Ion: 69 Resp: 161907

Ion Ratio Lower Upper

69 100

41 63.7 48.7 73.1

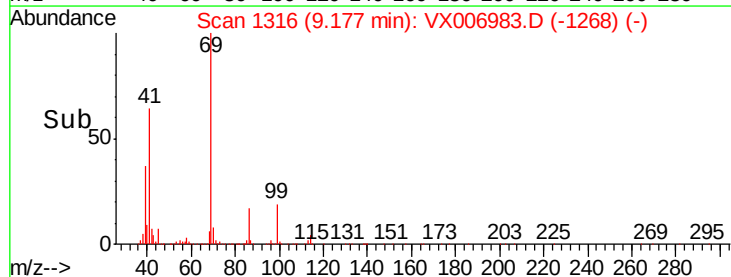
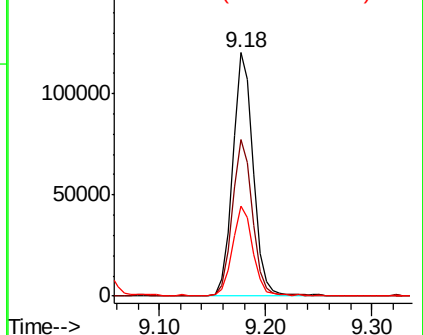
39 36.7 27.0 40.6

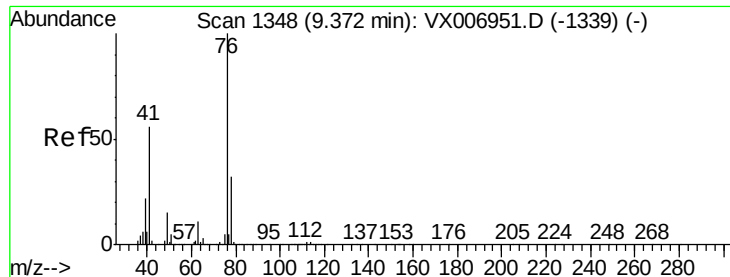


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.080 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampled :

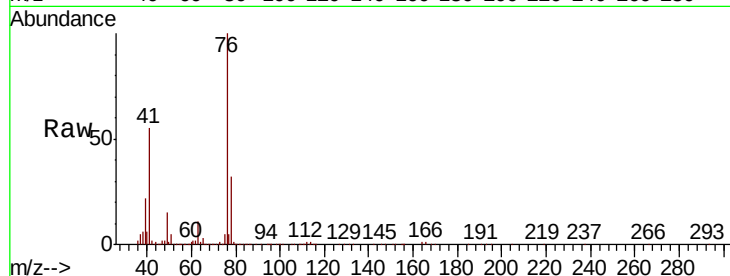
VX0110WBS01

Tgt Ion: 76 Resp: 177976

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

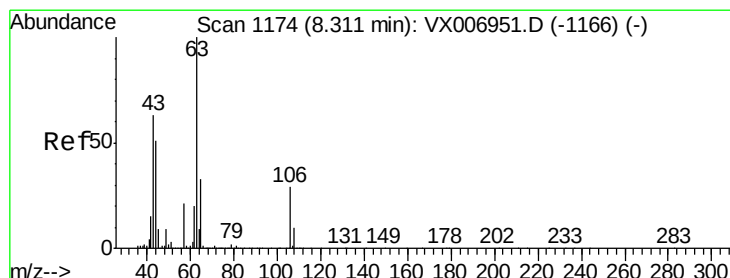
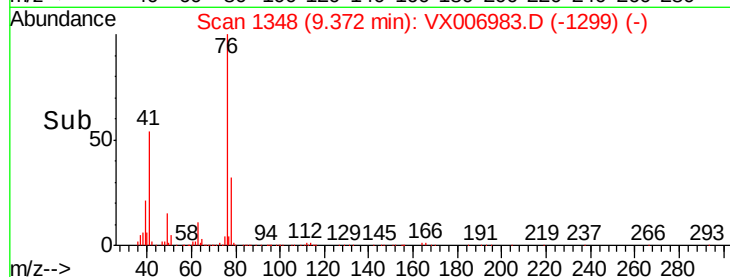
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 97.940 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006983.D

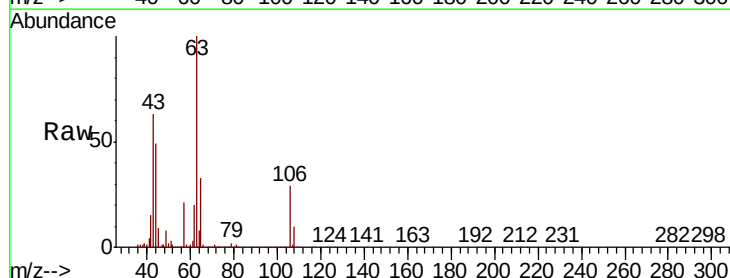
Acq: 10 Jan 2019 12:14

Tgt Ion: 63 Resp: 418560

Ion Ratio Lower Upper

63 100

106 29.9 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

150000

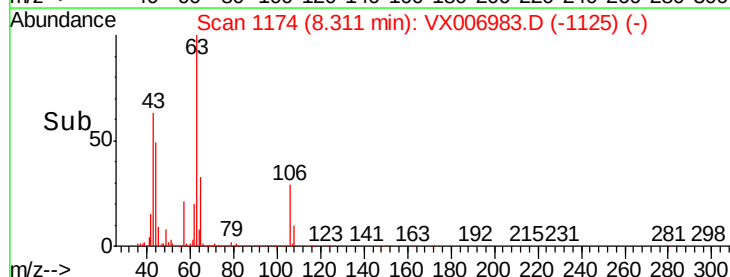
100000

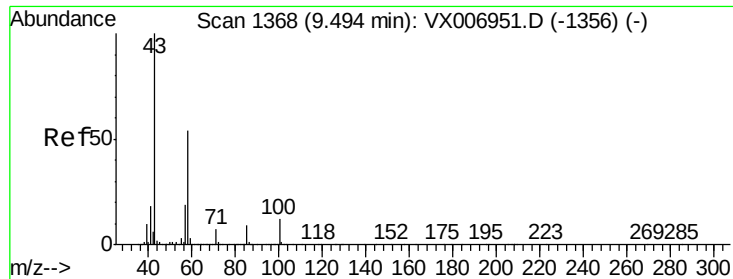
50000

0

8.20 8.30 8.40

Time-->

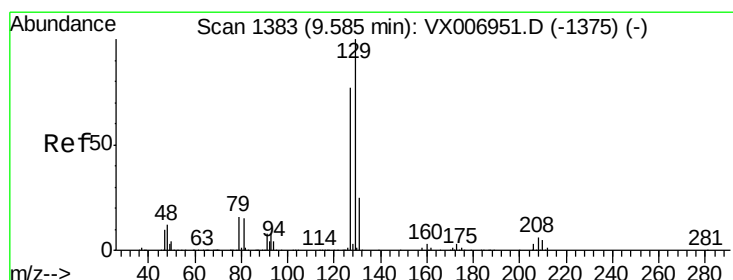
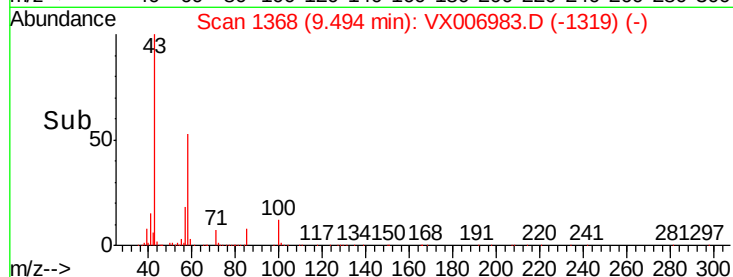
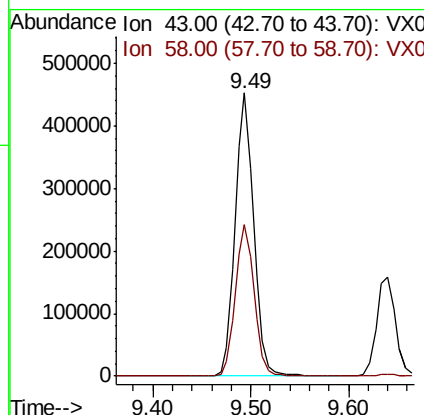
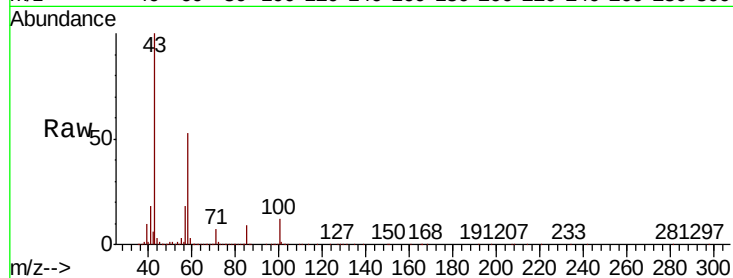




#59
2-Hexanone
Concen: 99.062 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

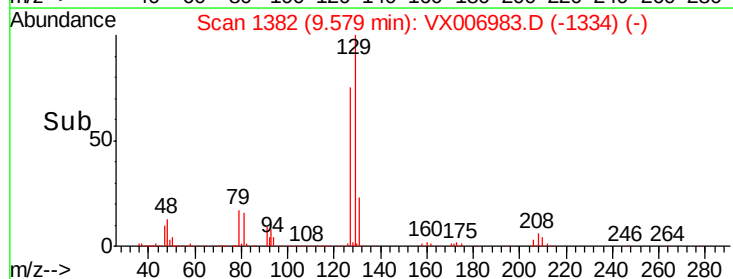
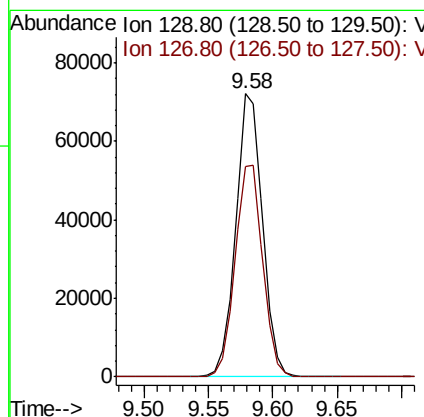
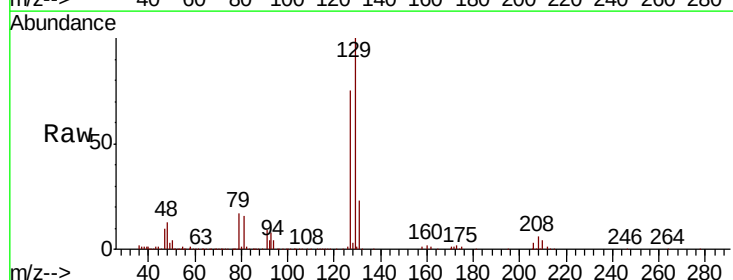
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

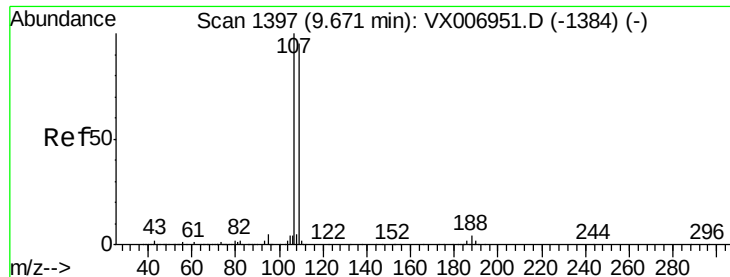
Tgt Ion: 43 Resp: 595068
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1



#60
Dibromochloromethane
Concen: 18.878 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

Tgt Ion: 129 Resp: 104368
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.375 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

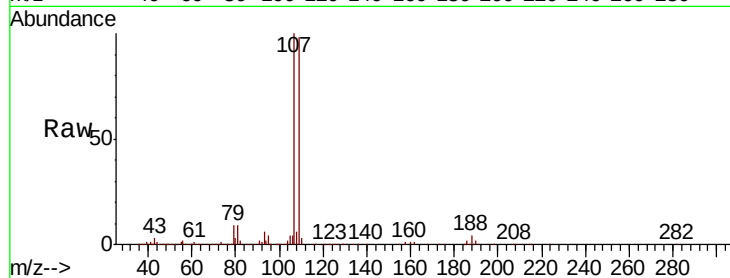
VX0110WBS01

Tgt Ion:107 Resp: 121446

Ion Ratio Lower Upper

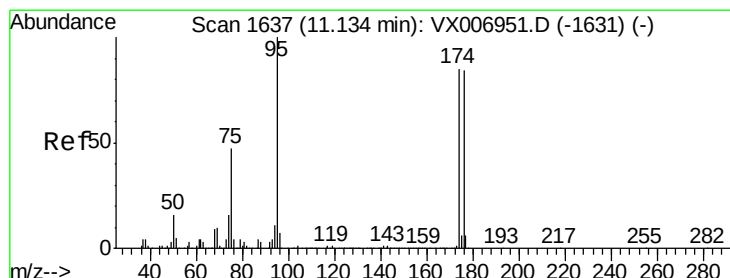
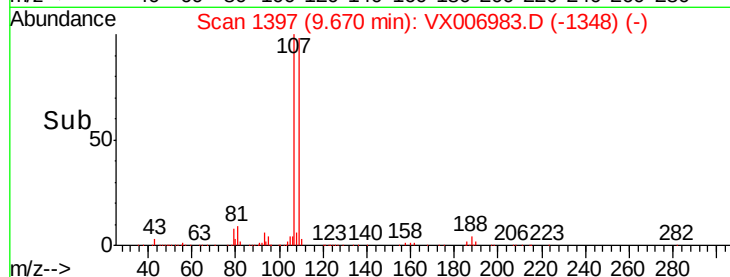
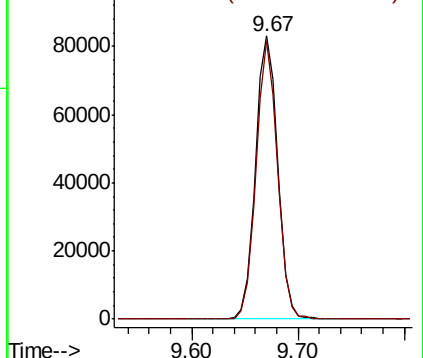
107 100

109 94.6 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: 53.042 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

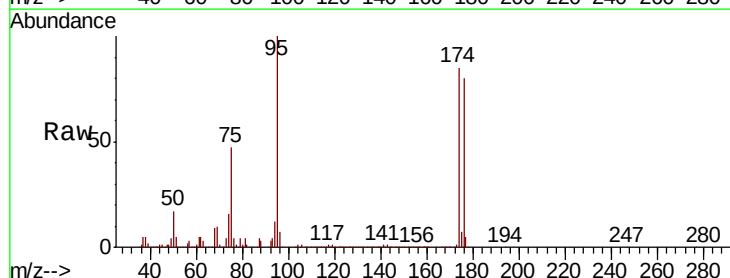
Tgt Ion: 95 Resp: 361610

Ion Ratio Lower Upper

95 100

174 92.8 0.0 182.2

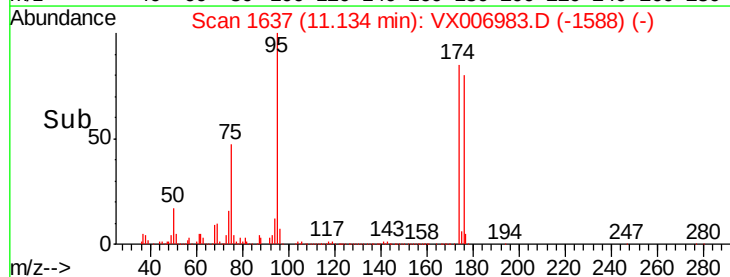
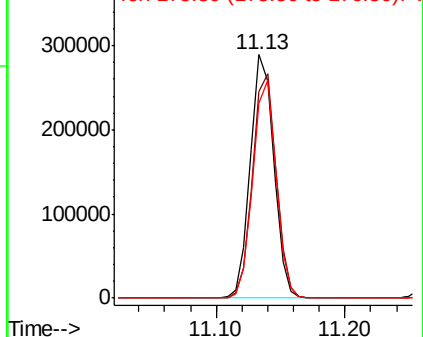
176 89.1 0.0 178.8

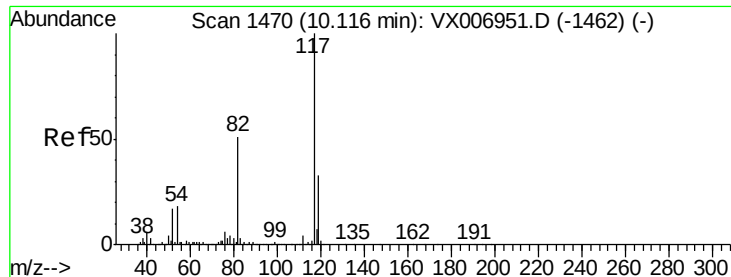


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

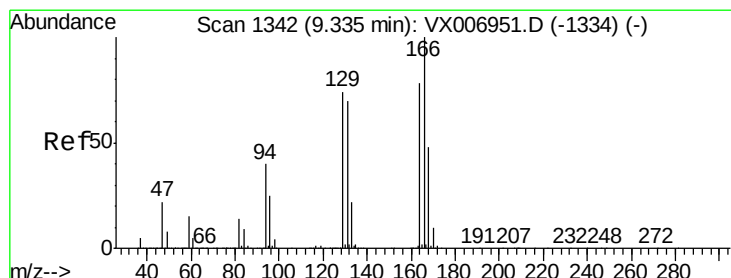
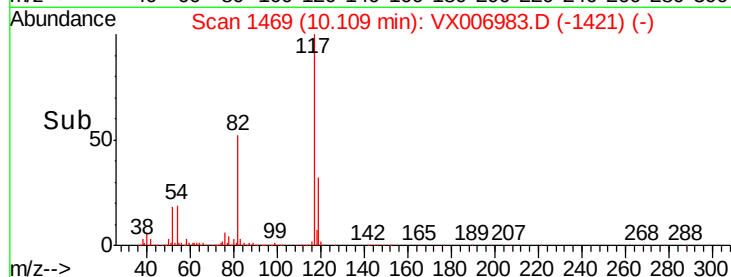
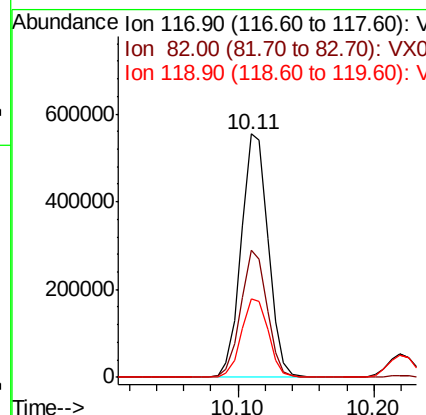
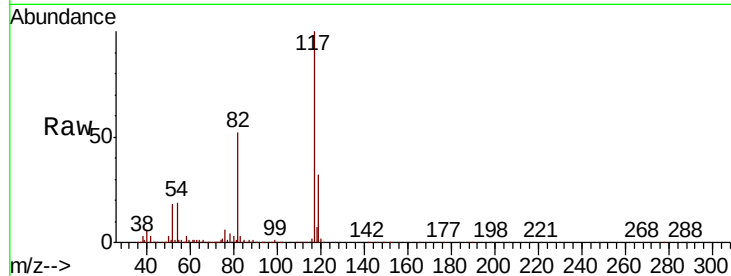




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

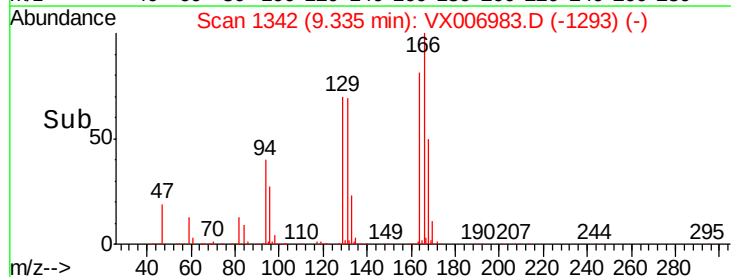
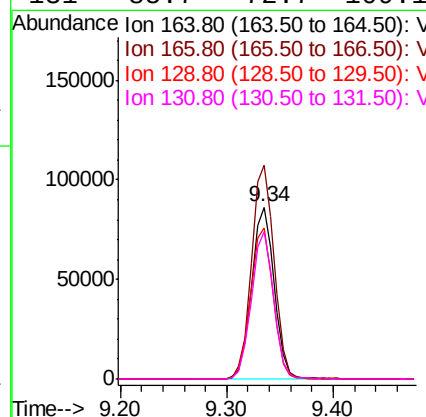
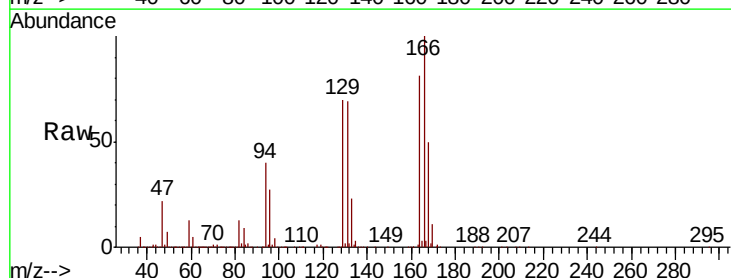
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

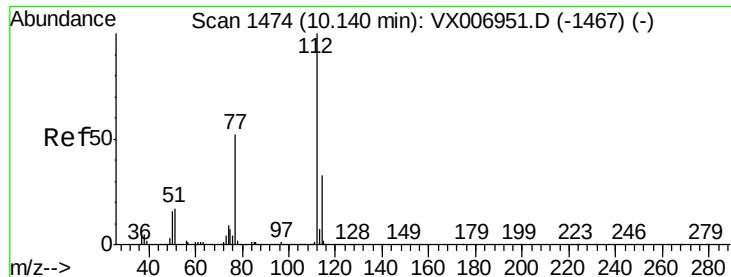
Tgt Ion:117 Resp: 768216
Ion Ratio Lower Upper
117 100
82 52.2 41.0 61.6
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 19.351 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

Tgt Ion:164 Resp: 128706
Ion Ratio Lower Upper
164 100
166 124.1 102.5 153.7
129 87.4 75.1 112.7
131 85.7 72.7 109.1





#65

Chlorobenzene

Concen: 18.927 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampled :

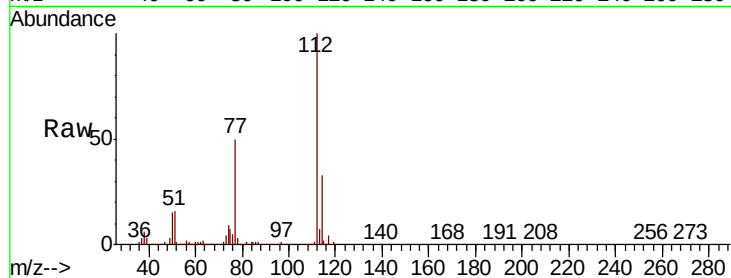
VX0110WBS01

Tgt Ion:112 Resp: 317129

Ion Ratio Lower Upper

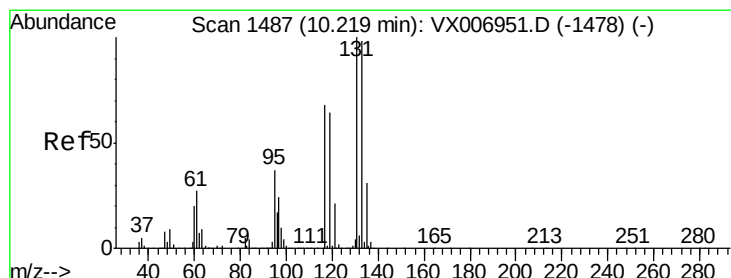
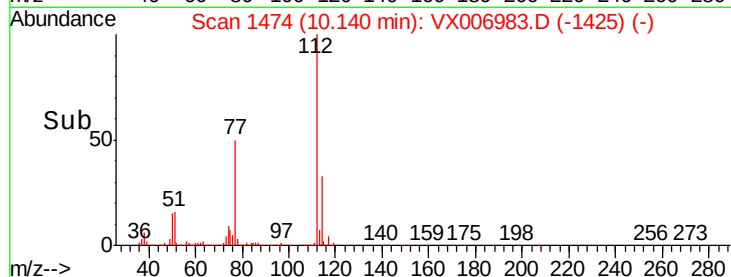
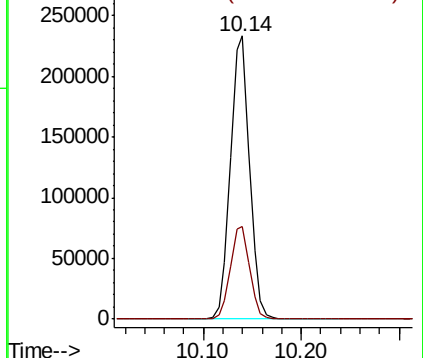
112 100

114 32.6 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: 18.732 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

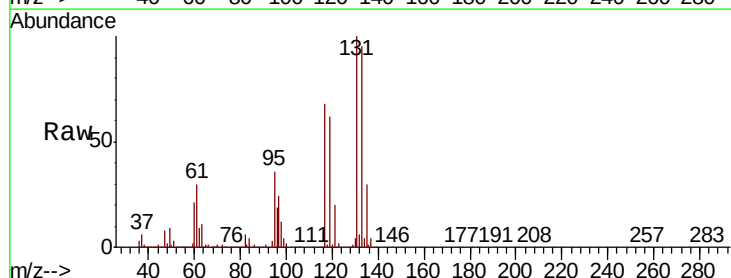
Tgt Ion:131 Resp: 105580

Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.2

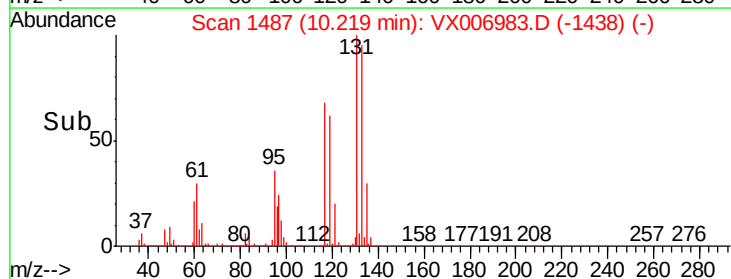
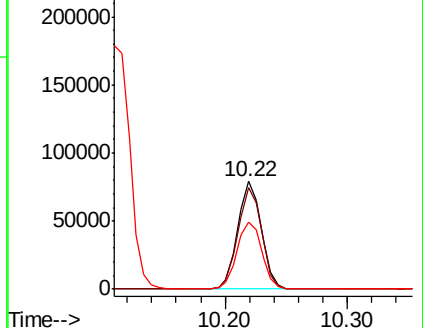
119 64.7 32.6 97.8

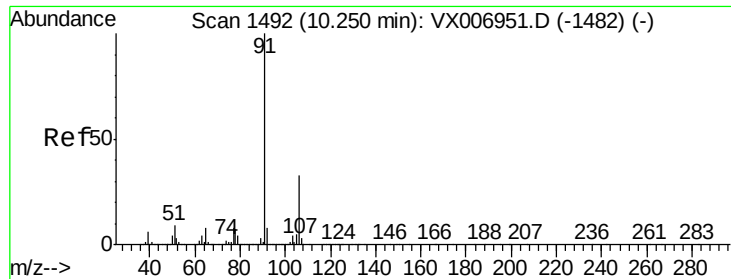


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.052 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

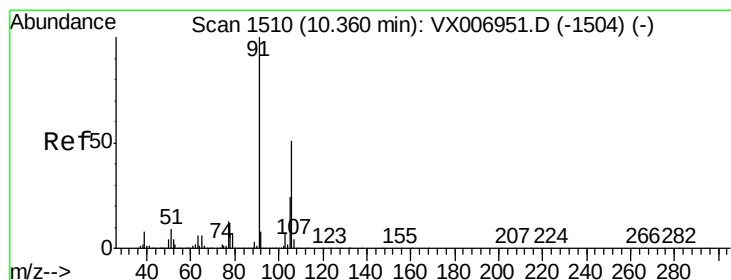
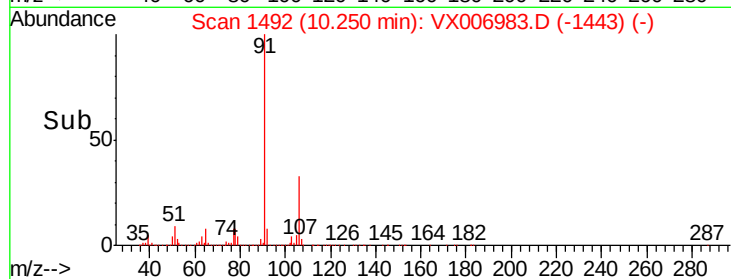
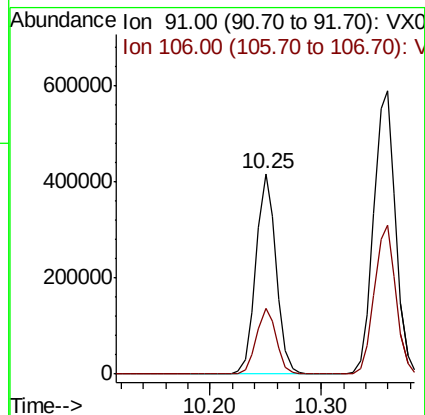
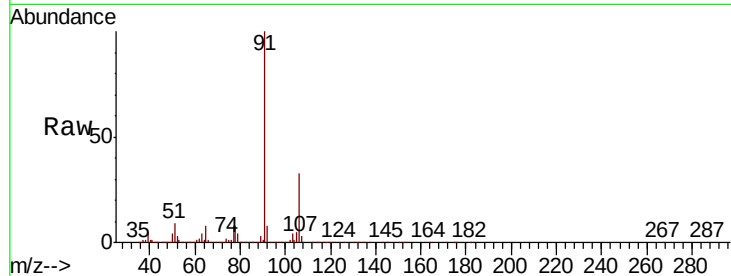
VX0110WBS01

Tgt Ion: 91 Resp: 526985

Ion Ratio Lower Upper

91 100

106 32.9 26.4 39.6



#68

m/p-Xylenes

Concen: 38.458 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006983.D

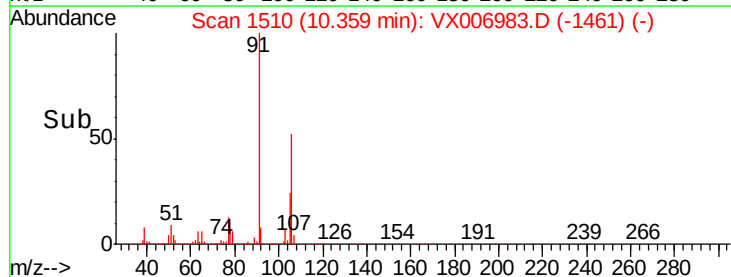
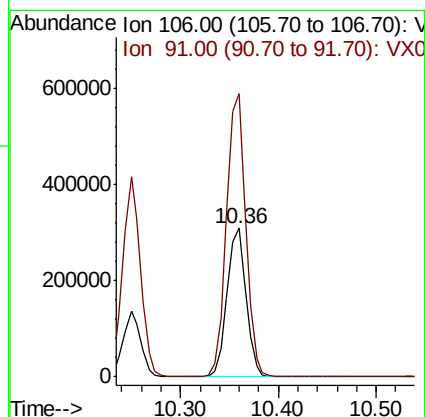
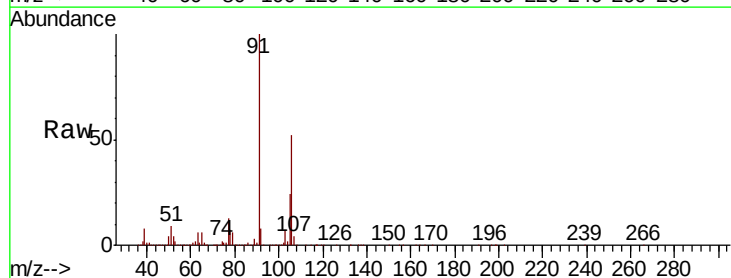
Acq: 10 Jan 2019 12:14

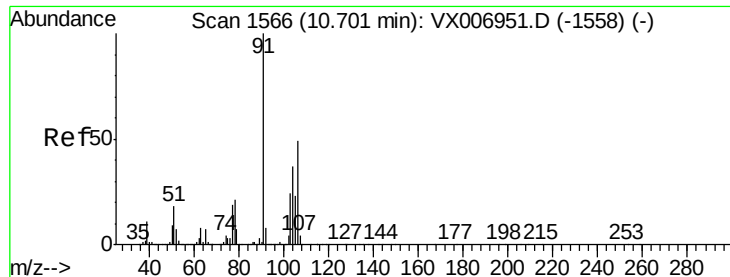
Tgt Ion: 106 Resp: 419112

Ion Ratio Lower Upper

106 100

91 192.8 155.8 233.6

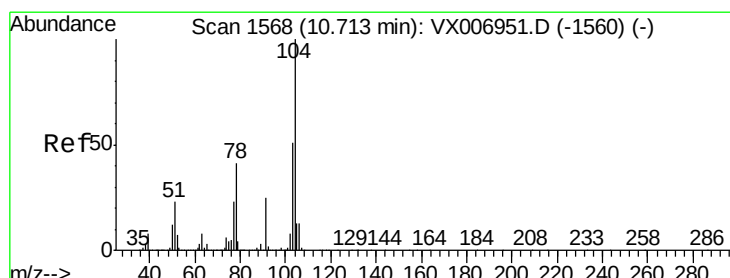
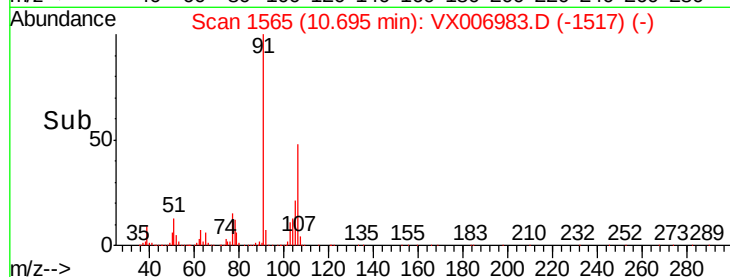
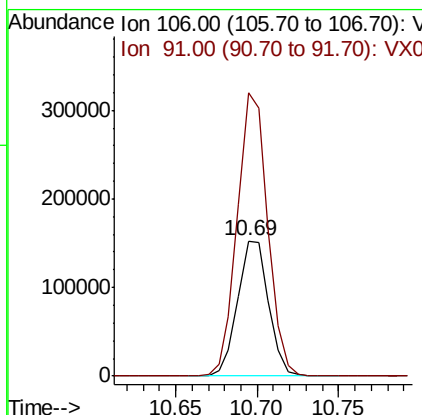
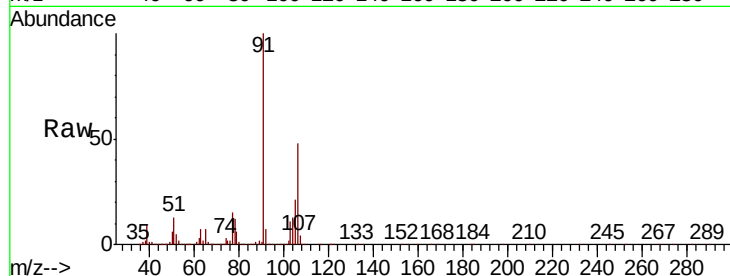




#69
o-Xylene
Concen: 19.017 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

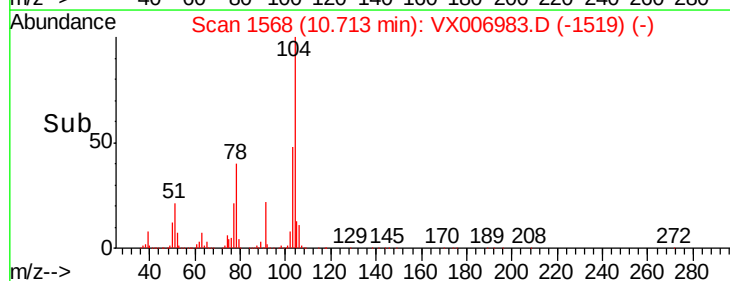
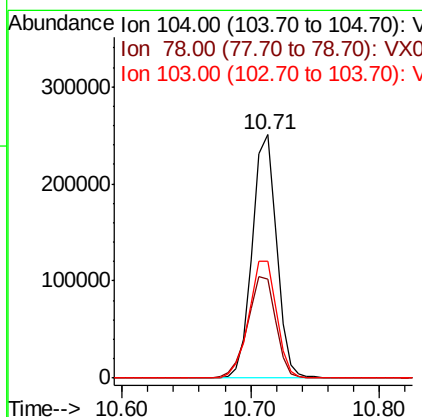
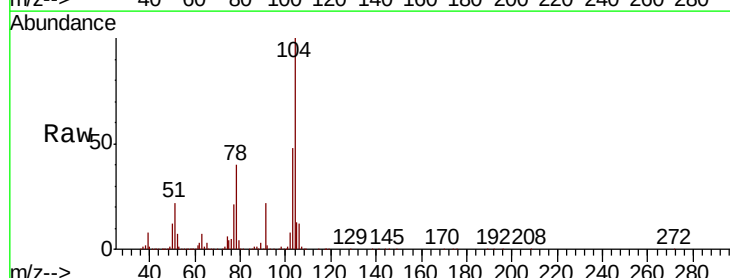
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

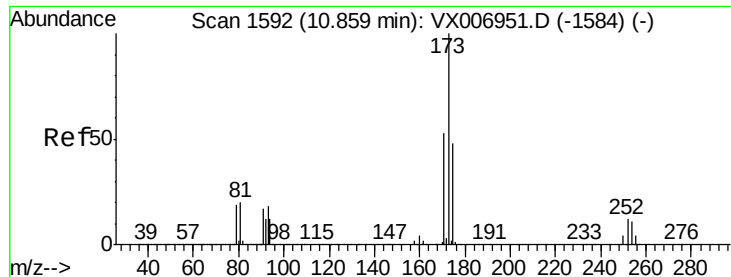
Tgt Ion:106 Resp: 202114
Ion Ratio Lower Upper
106 100
91 206.5 101.3 303.7



#70
Styrene
Concen: 19.309 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

Tgt Ion:104 Resp: 325026
Ion Ratio Lower Upper
104 100
78 48.2 37.7 56.5
103 55.1 43.8 65.8





#71

Bromoform

Concen: 18.489 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

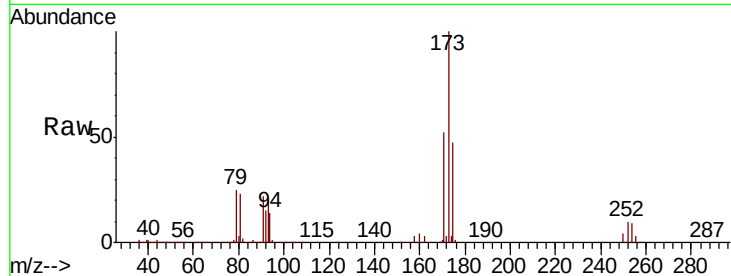
Tgt Ion:173 Resp: 76644

Ion Ratio Lower Upper

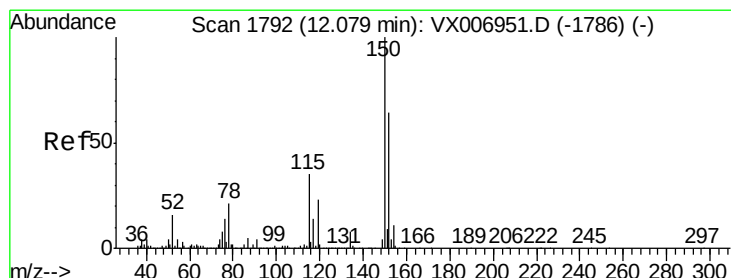
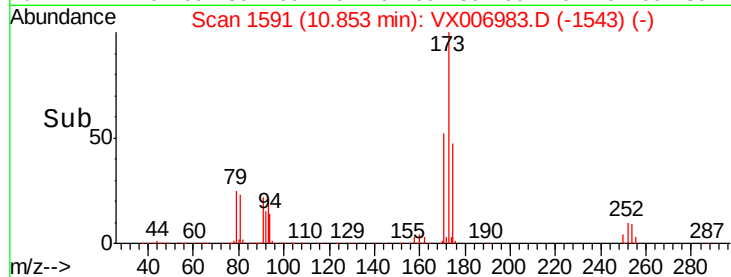
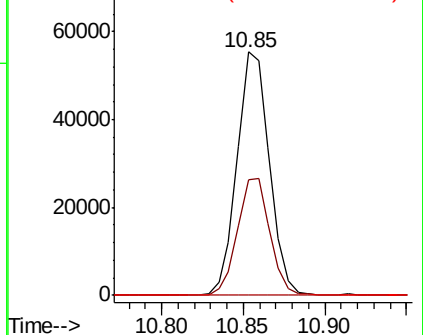
173 100

175 48.2 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

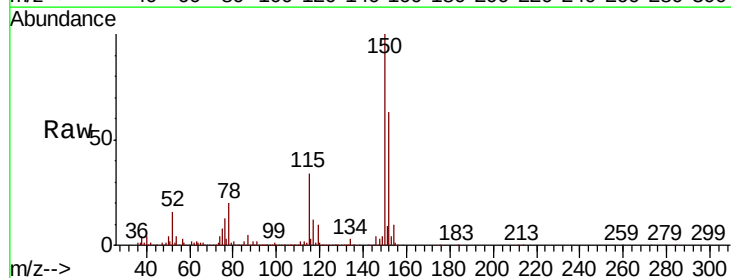
Tgt Ion:152 Resp: 395608

Ion Ratio Lower Upper

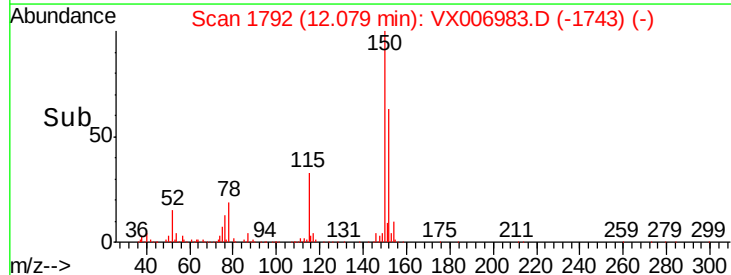
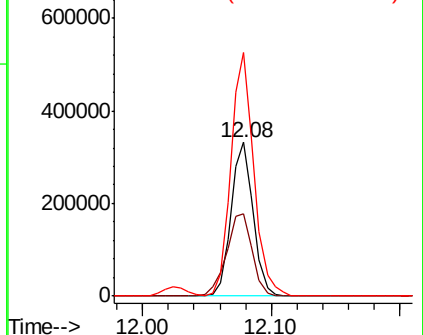
152 100

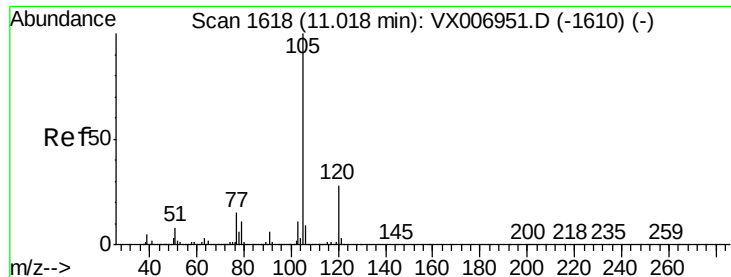
115 63.0 39.1 117.2

150 164.9 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.335 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

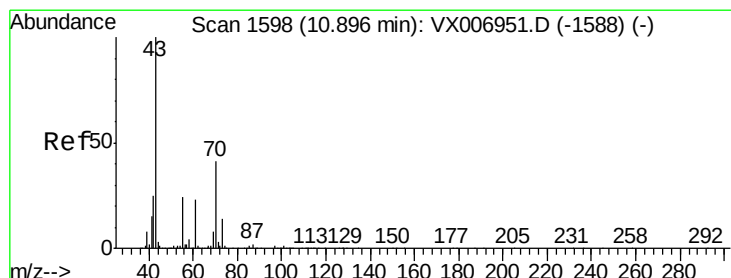
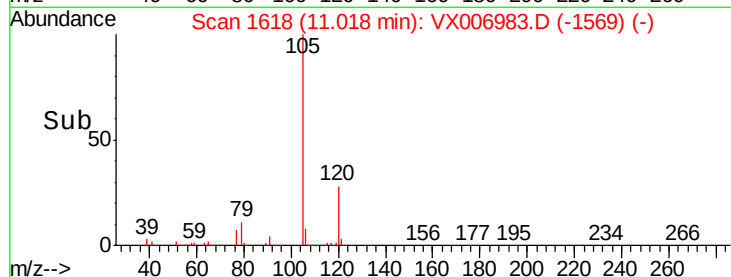
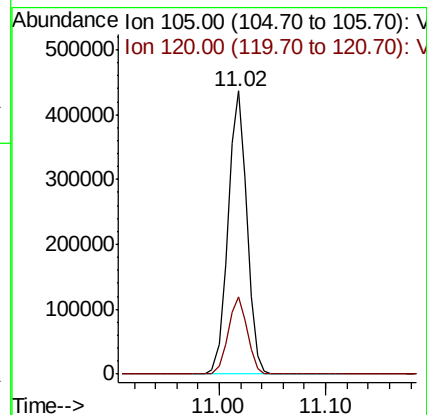
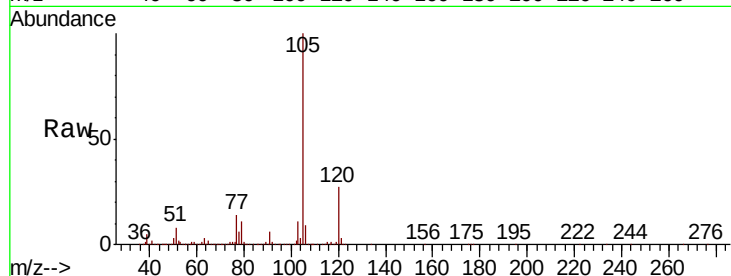
VX0110WBS01

Tgt Ion: 105 Resp: 539366

Ion Ratio Lower Upper

105 100

120 27.7 14.1 42.4



#74

N-ethyl acetate

Concen: 18.320 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Tgt Ion: 43 Resp: 205764

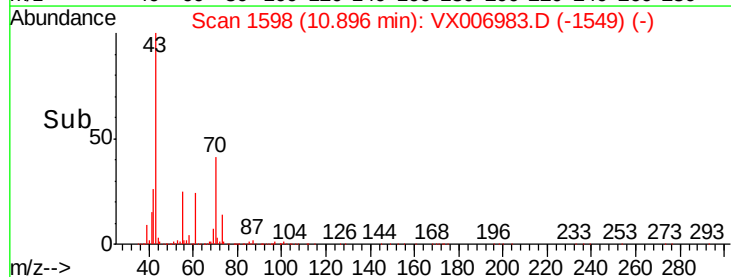
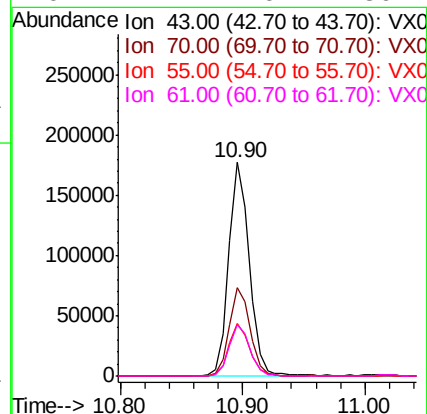
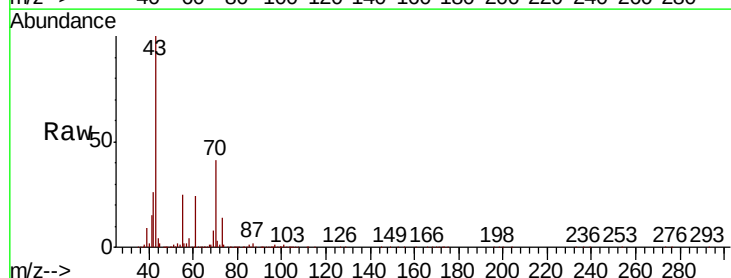
Ion Ratio Lower Upper

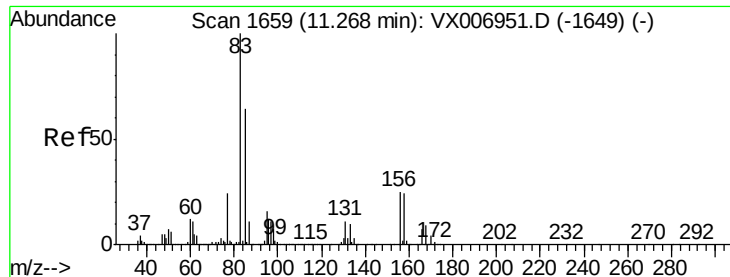
43 100

70 42.0 35.8 53.8

55 25.1 19.4 29.0

61 24.2 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.532 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

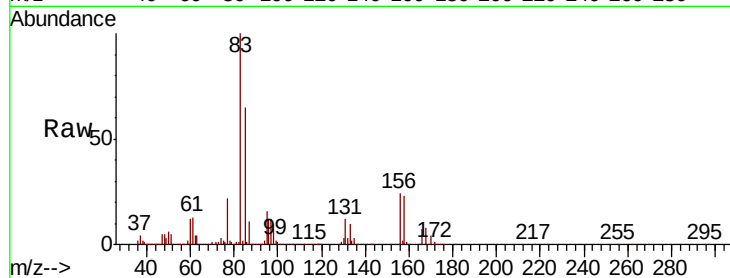
Tgt Ion: 83 Resp: 164116

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

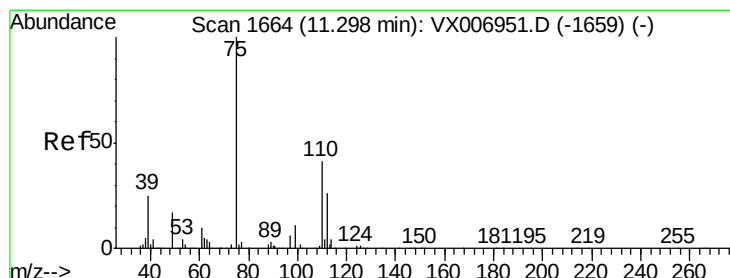
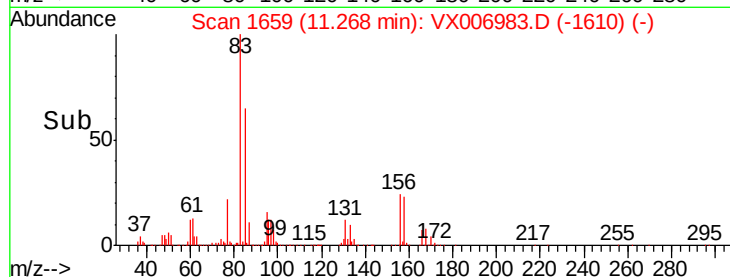
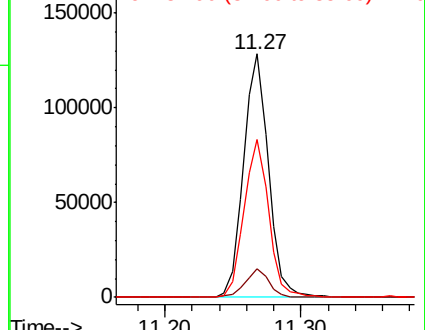
85 64.7 32.2 96.6



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: 22.172 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006983.D

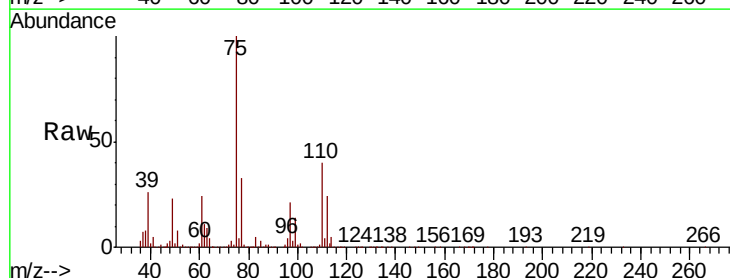
Acq: 10 Jan 2019 12:14

Tgt Ion: 75 Resp: 177745

Ion Ratio Lower Upper

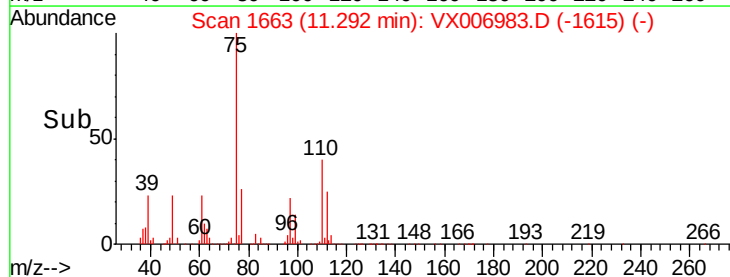
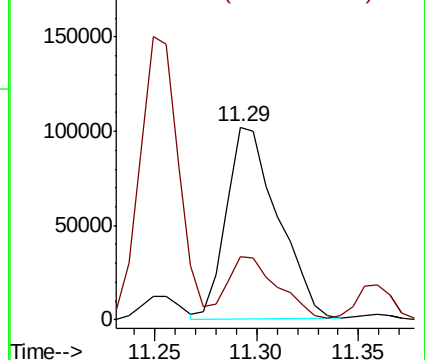
75 100

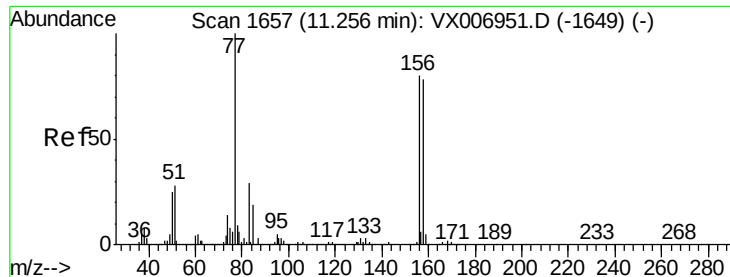
77 33.1 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.991 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

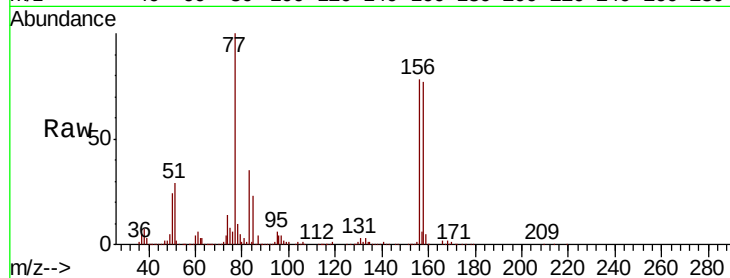
Tgt Ion:156 Resp: 145972

Ion Ratio Lower Upper

156 100

77 134.6 68.0 204.0

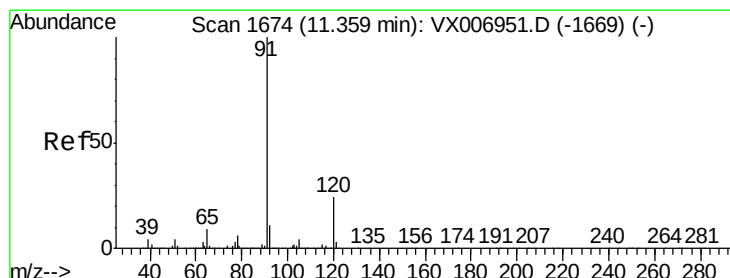
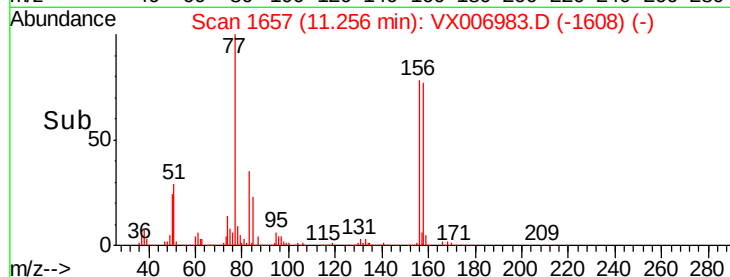
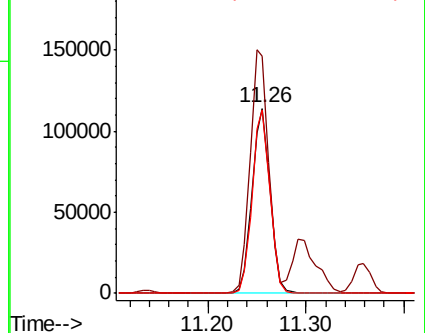
158 97.5 48.3 144.8



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: 19.847 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006983.D

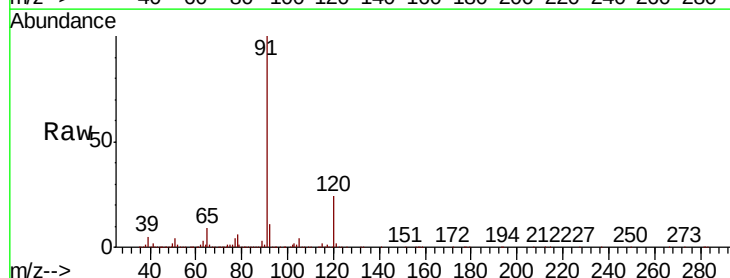
Acq: 10 Jan 2019 12:14

Tgt Ion: 91 Resp: 607776

Ion Ratio Lower Upper

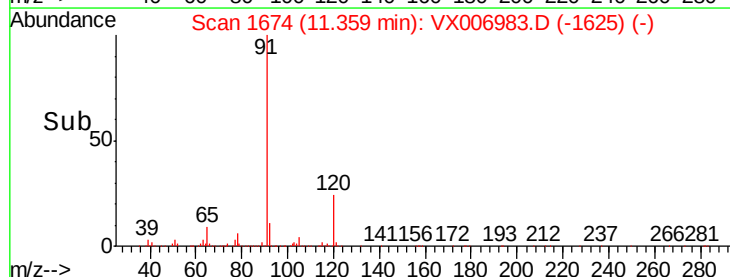
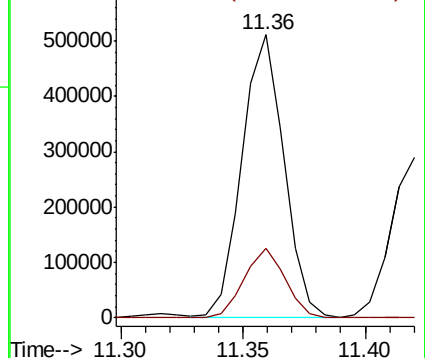
91 100

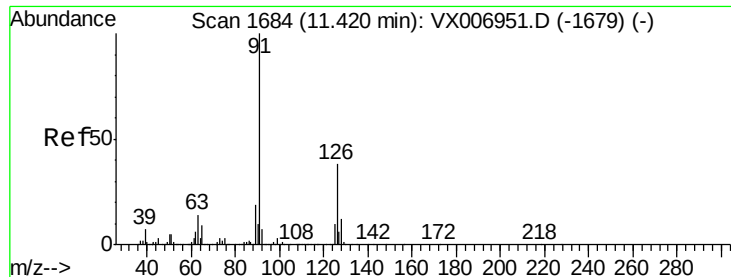
120 24.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.278 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

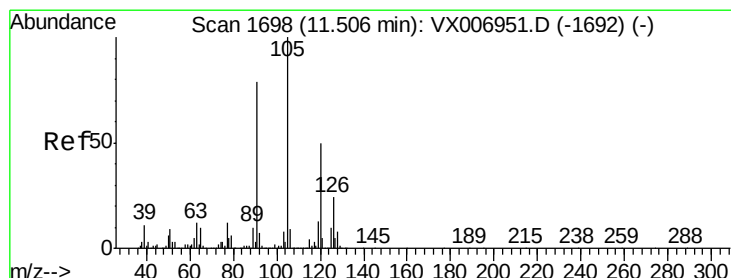
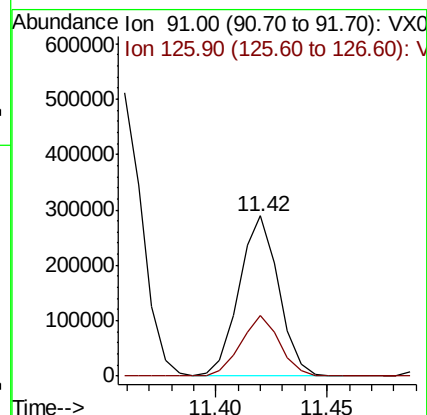
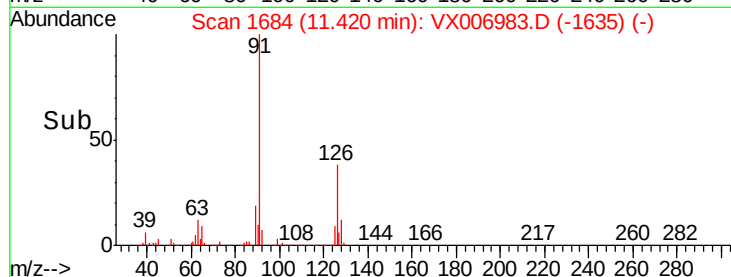
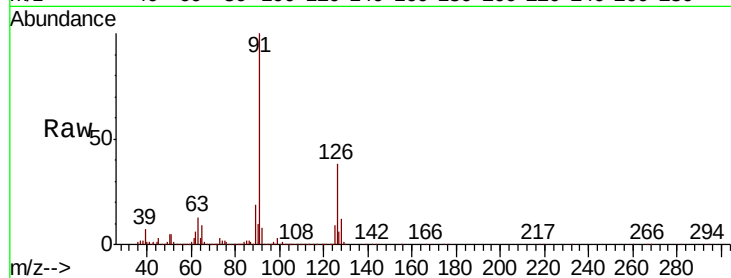
VX0110WBS01

Tgt Ion: 91 Resp: 355377

Ion Ratio Lower Upper

91 100

126 37.3 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 19.100 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006983.D

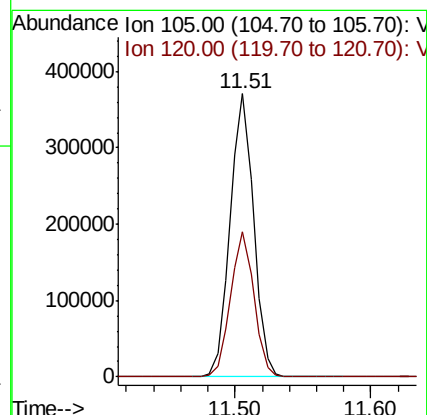
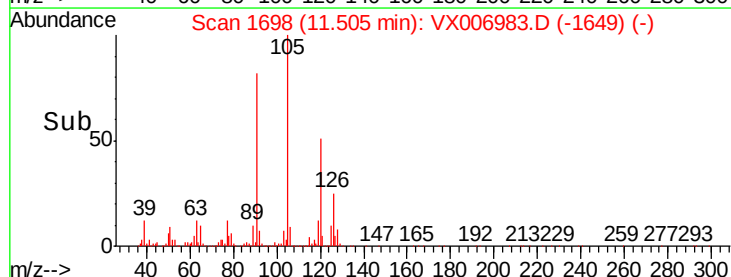
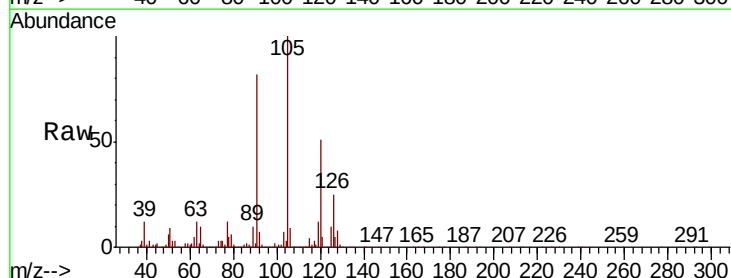
Acq: 10 Jan 2019 12:14

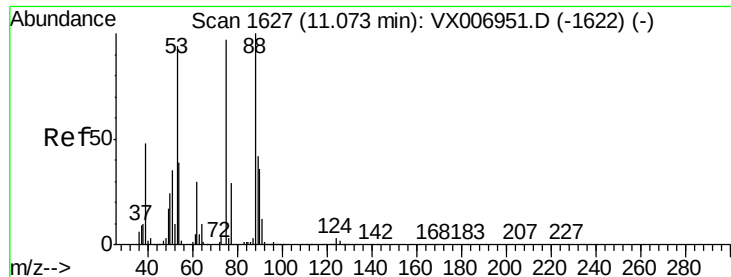
Tgt Ion: 105 Resp: 445204

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.175 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

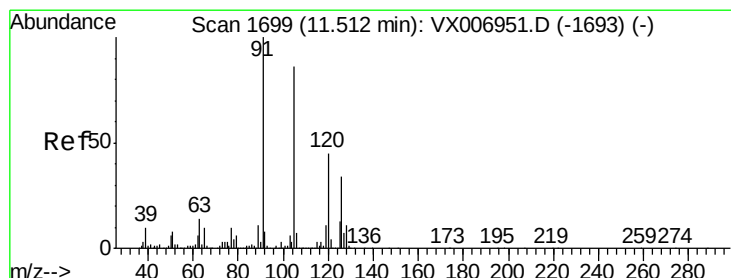
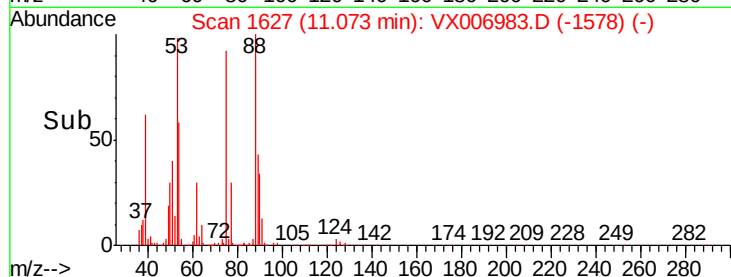
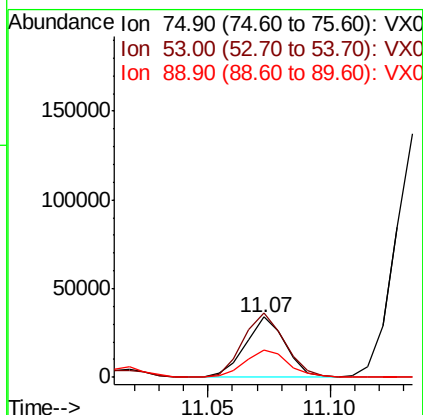
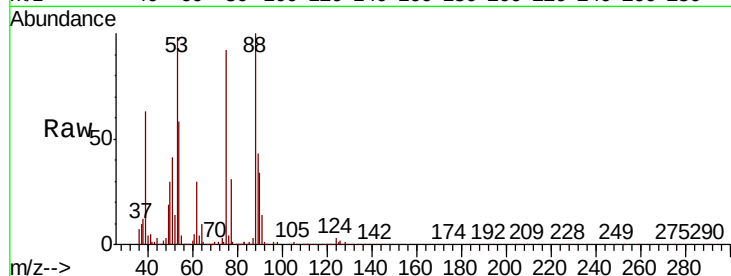
Tgt Ion: 75 Resp: 38489

Ion Ratio Lower Upper

75 100

53 111.7 79.7 119.5

89 49.2 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.127 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006983.D

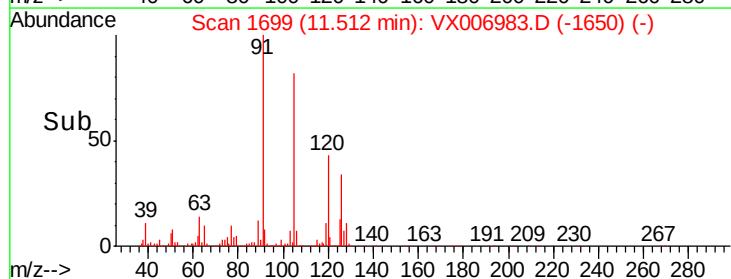
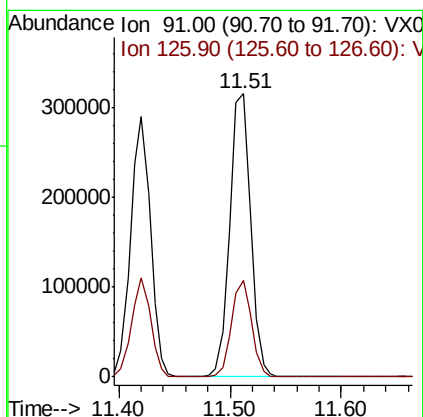
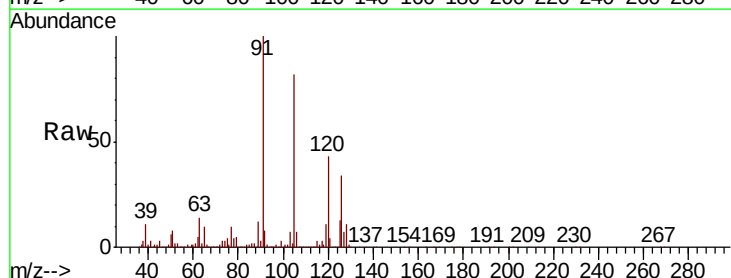
Acq: 10 Jan 2019 12:14

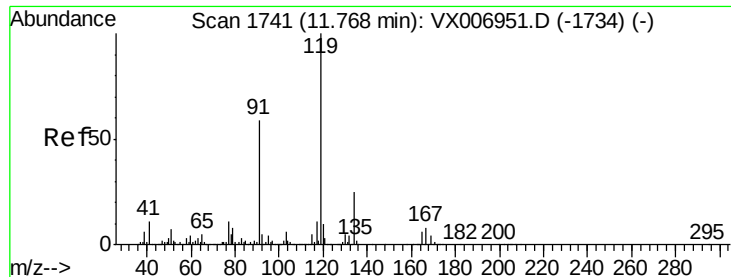
Tgt Ion: 91 Resp: 408253

Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.9

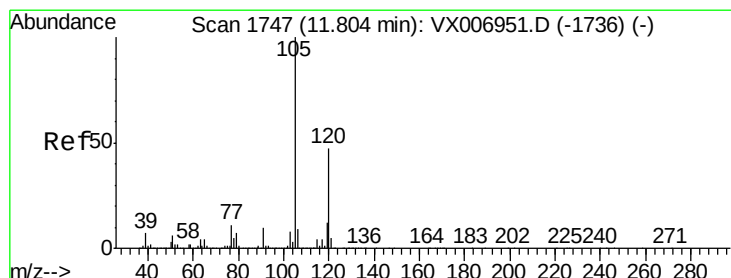
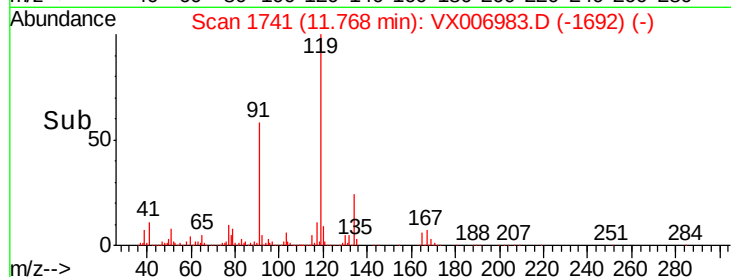
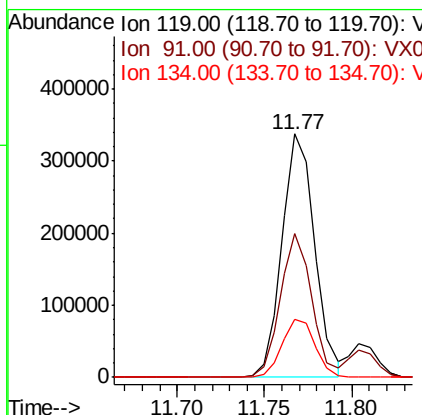
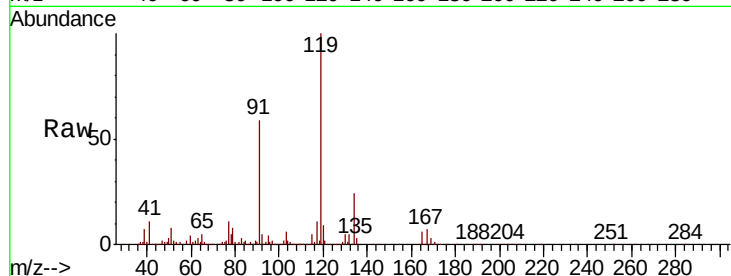




#83
 tert-Butylbenzene
 Concen: 18.950 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006983.D
 Acq: 10 Jan 2019 12:14

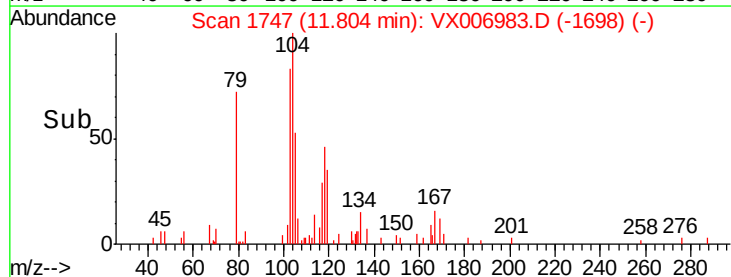
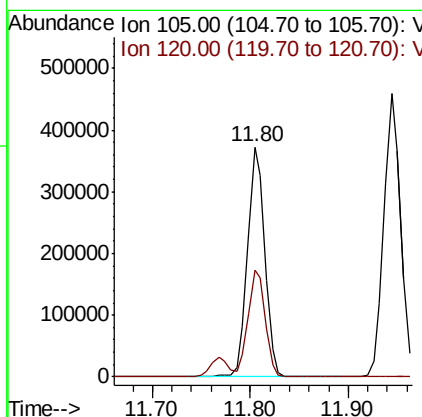
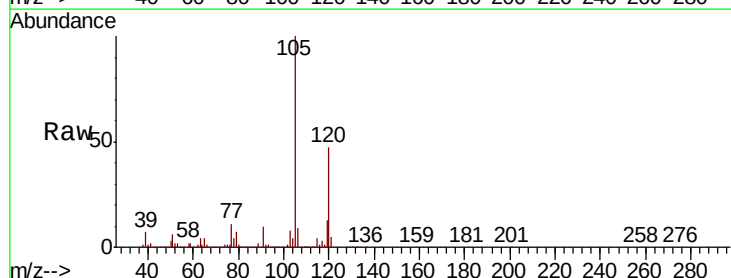
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS01

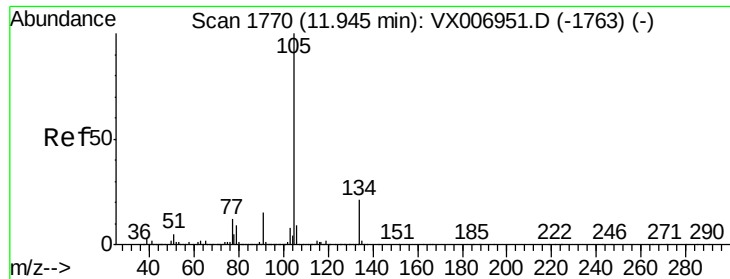
Tgt Ion:119 Resp: 440695
 Ion Ratio Lower Upper
 119 100
 91 56.6 27.7 83.1
 134 24.2 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.515 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006983.D
 Acq: 10 Jan 2019 12:14

Tgt Ion:105 Resp: 457430
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.723 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

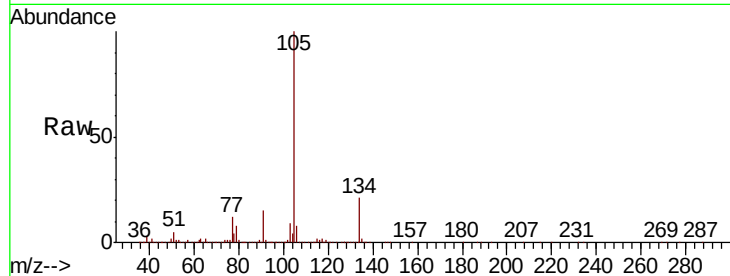
VX0110WBS01

Tgt Ion:105 Resp: 547794

Ion Ratio Lower Upper

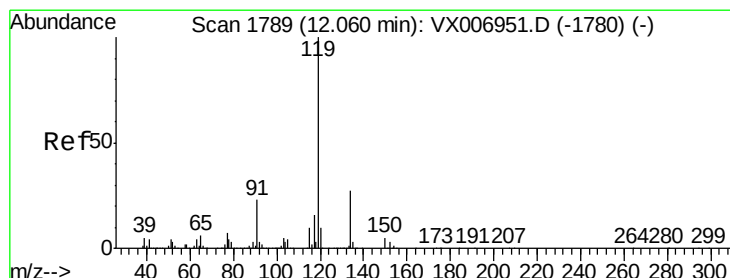
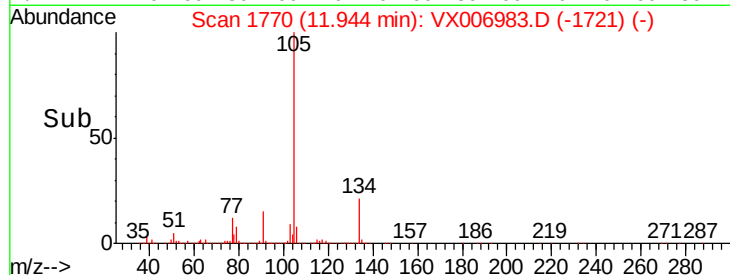
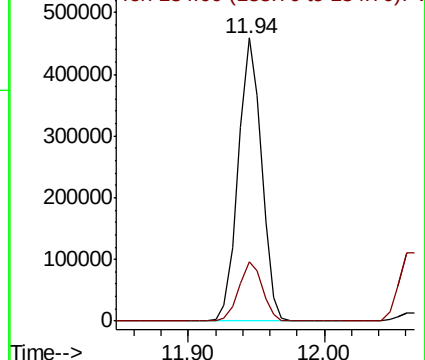
105 100

134 21.2 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: 19.691 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

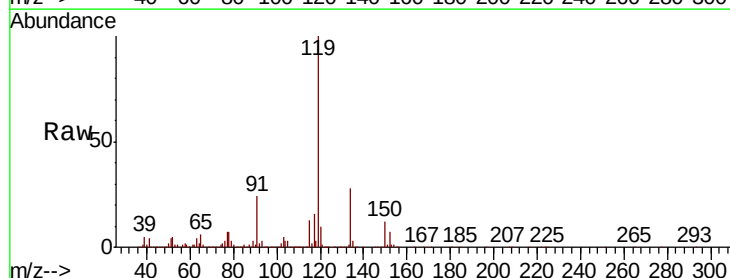
Tgt Ion:119 Resp: 489188

Ion Ratio Lower Upper

119 100

134 27.7 14.0 41.9

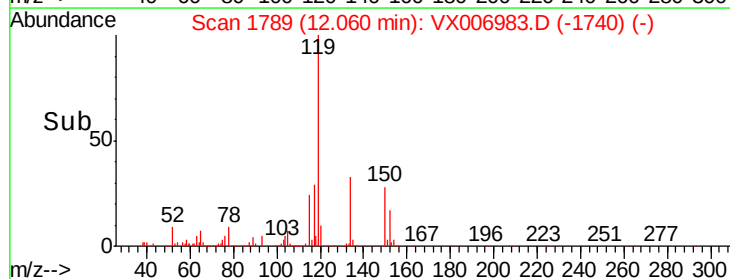
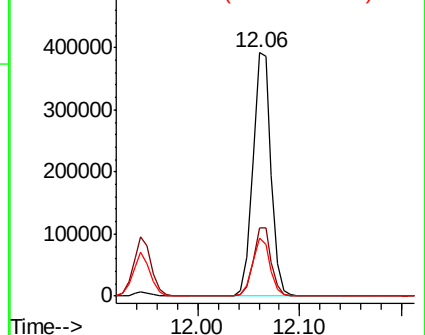
91 23.0 11.3 33.9

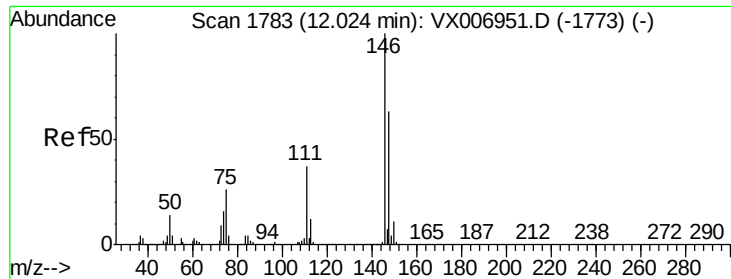


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

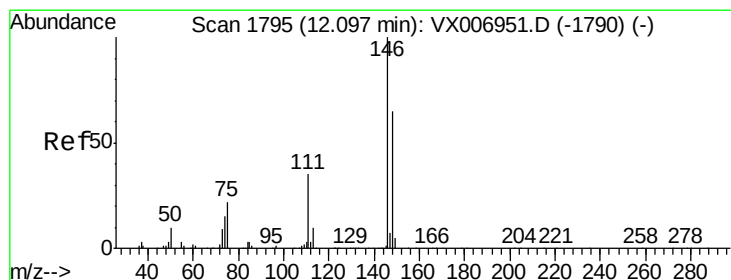
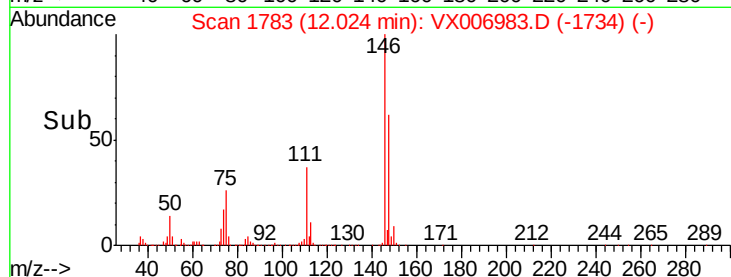
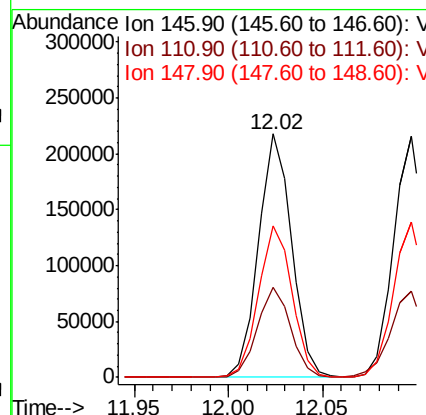
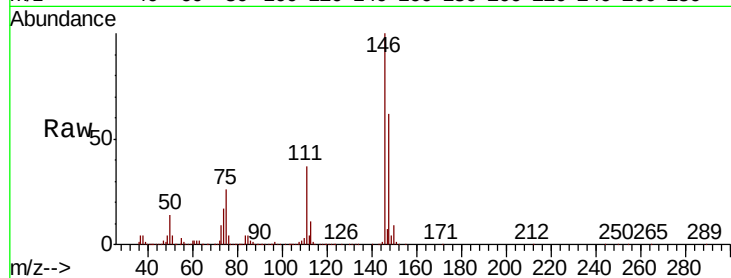




#87
 1,3-Dichlorobenzene
 Concen: 19.043 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006983.D
 Acq: 10 Jan 2019 12:14

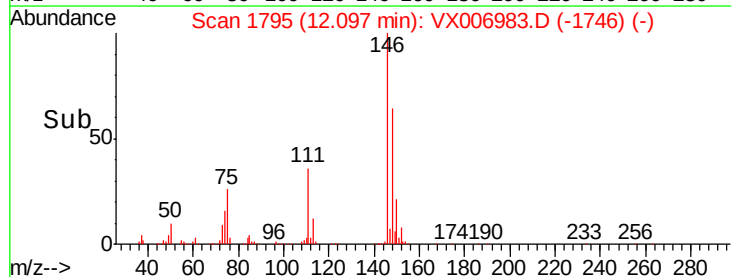
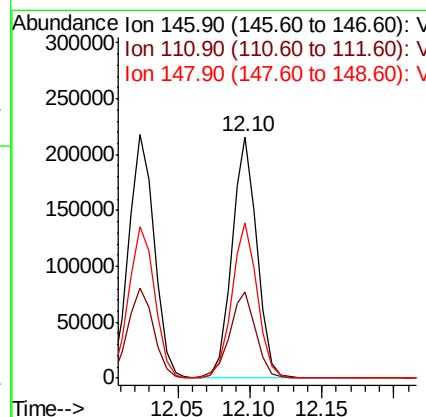
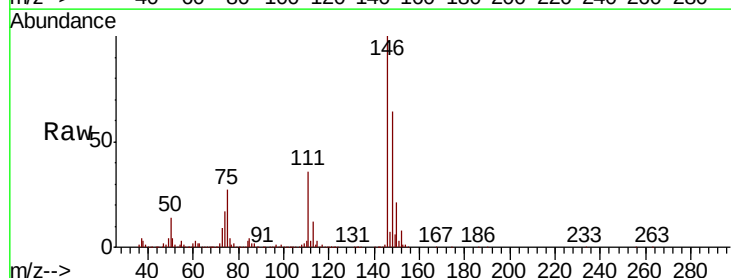
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS01

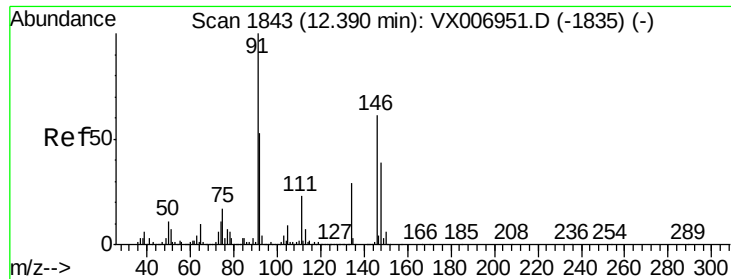
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	63.6	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.071 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006983.D
 Acq: 10 Jan 2019 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	65.6	31.9	95.9

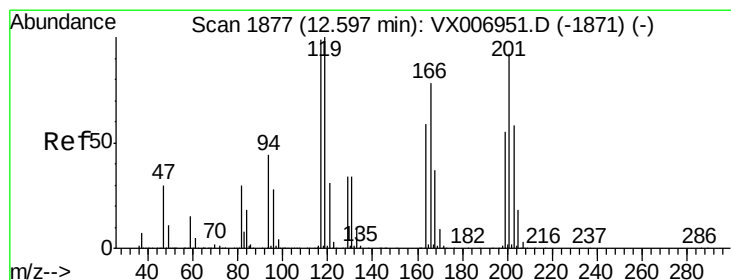
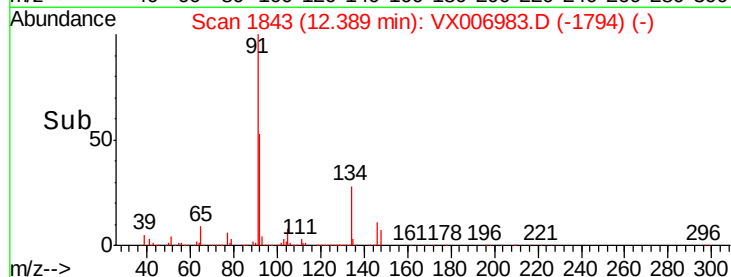
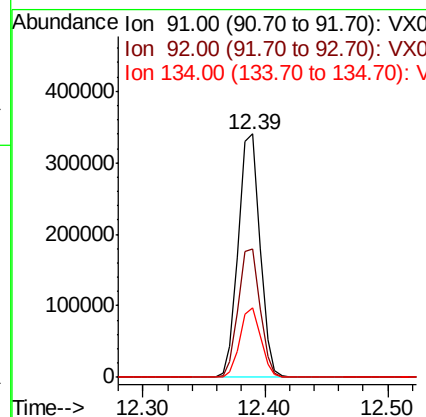
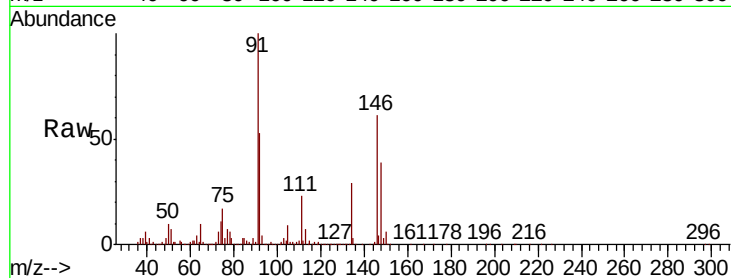




#89
n-Butylbenzene
Concen: 19.600 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

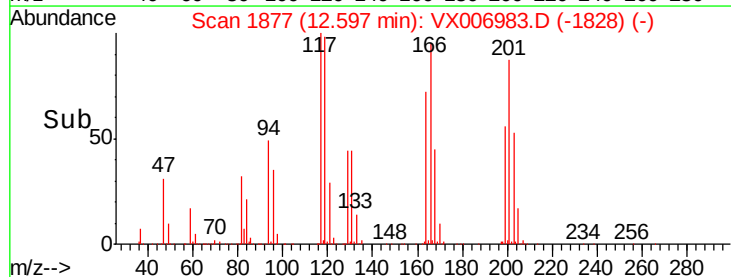
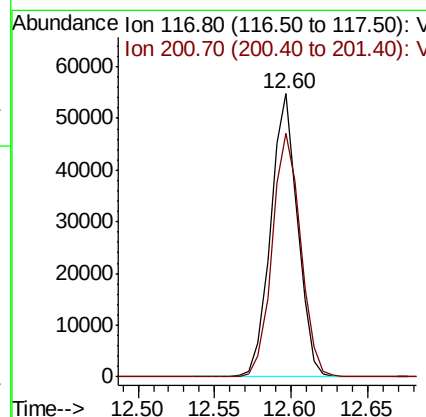
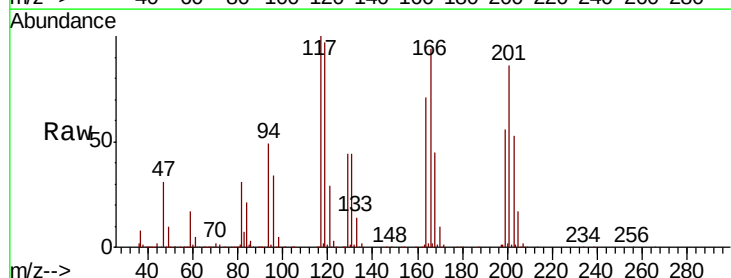
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

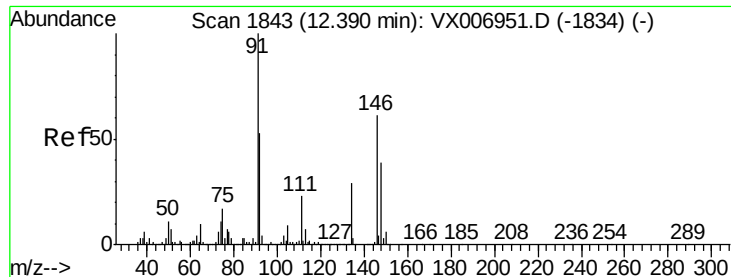
Tgt Ion: 91 Resp: 415081
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.4
134 27.7 14.4 43.2



#90
Hexachloroethane
Concen: 19.008 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006983.D
Acq: 10 Jan 2019 12:14

Tgt Ion: 117 Resp: 67797
Ion Ratio Lower Upper
117 100
201 90.0 42.9 128.7

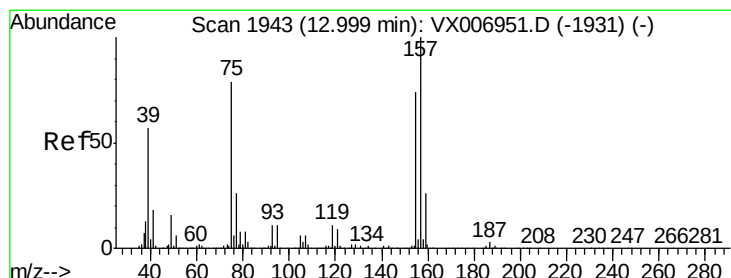
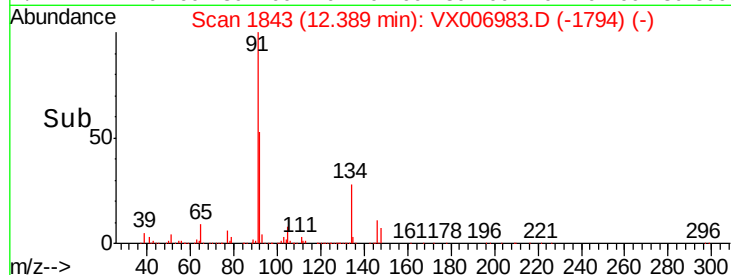
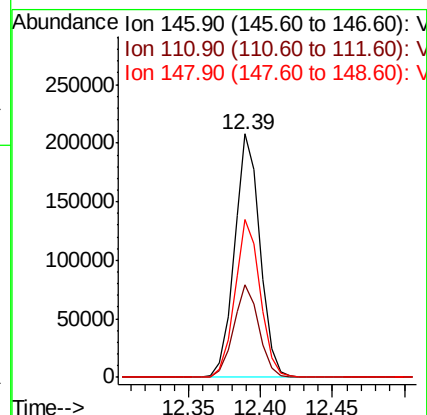
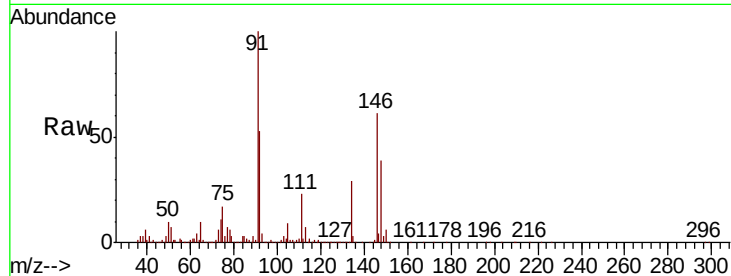




#91
 1,2-Dichlorobenzene
 Concen: 18.780 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006983.D
 Acq: 10 Jan 2019 12:14

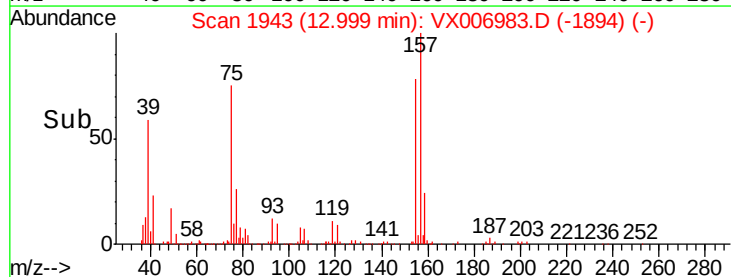
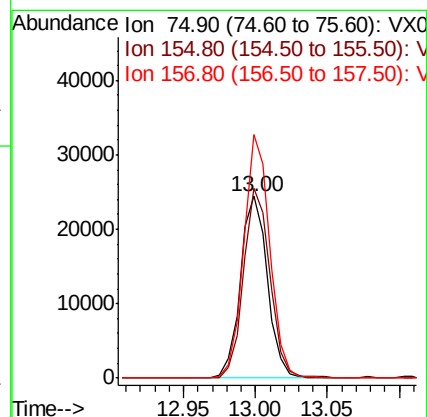
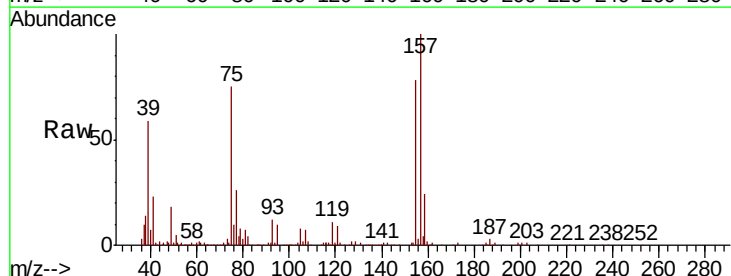
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS01

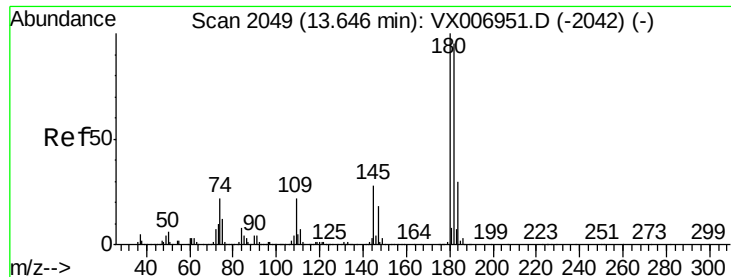
Tgt Ion: 146 Resp: 257481
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.4 58.2
 148 64.5 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.207 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006983.D
 Acq: 10 Jan 2019 12:14

Tgt Ion: 75 Resp: 31890
 Ion Ratio Lower Upper
 75 100
 155 100.7 50.6 151.8
 157 128.4 64.6 193.8

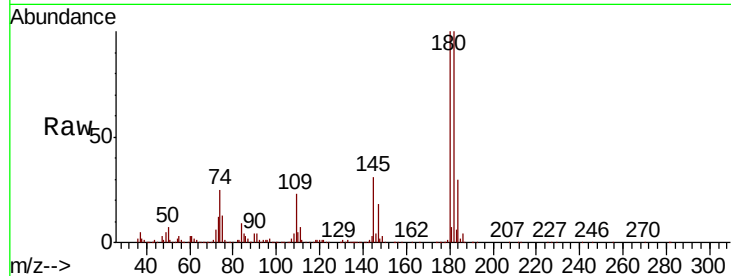




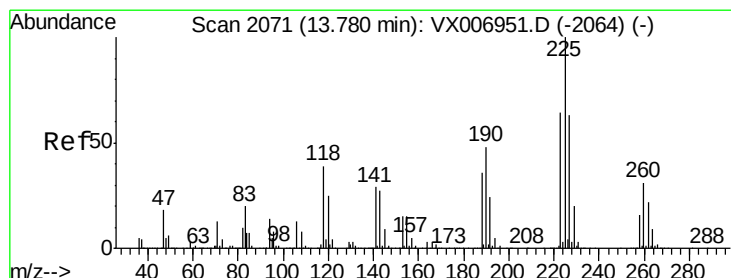
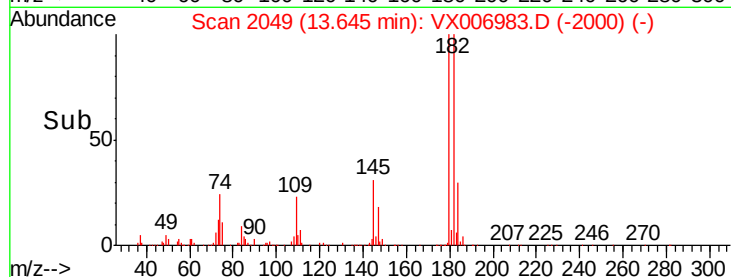
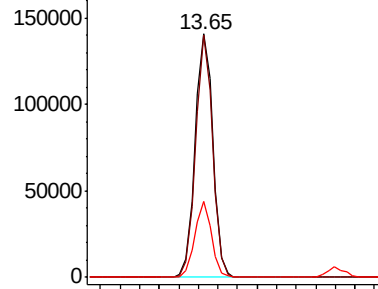
#93
 1,2,4-Trichlorobenzene
 Concen: 18.804 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006983.D
 Acq: 10 Jan 2019 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS01

Tgt Ion:180 Resp: 176877
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.3 142.0
 145 29.4 14.8 44.3

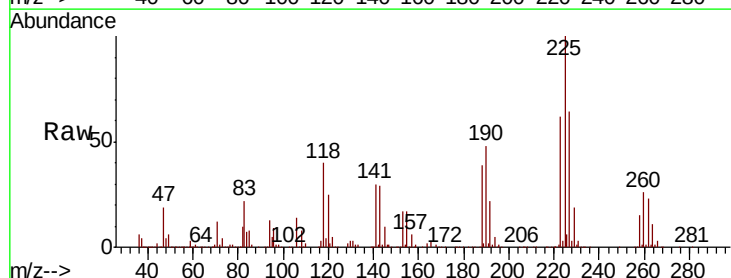


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

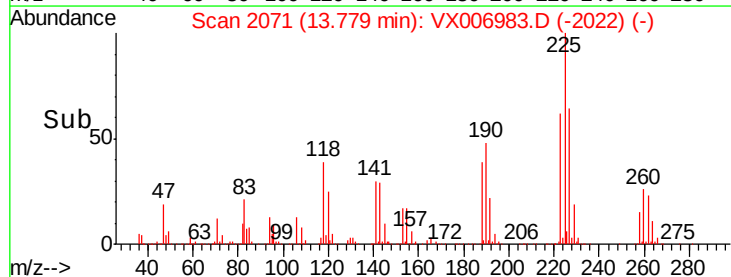
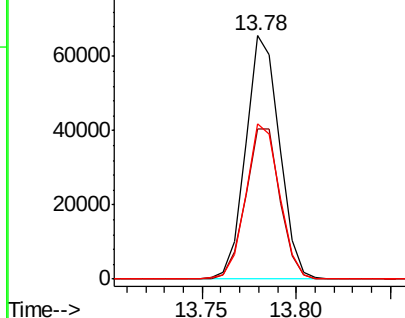


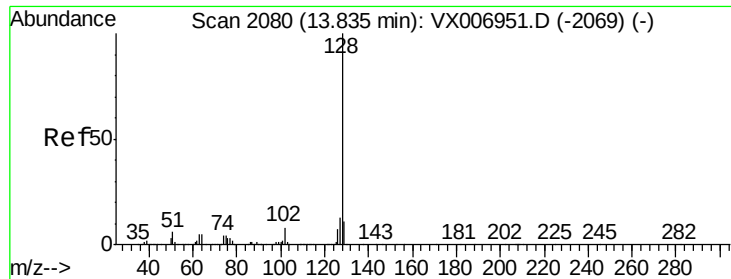
#94
 Hexachlorobutadiene
 Concen: 19.478 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006983.D
 Acq: 10 Jan 2019 12:14

Tgt Ion:225 Resp: 81305
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.1 96.3
 227 63.8 32.3 96.8



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





#95

Naphthalene

Concen: 18.576 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

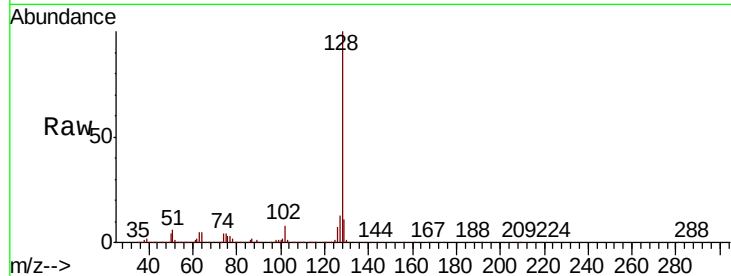
Tgt Ion:128 Resp: 529479

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

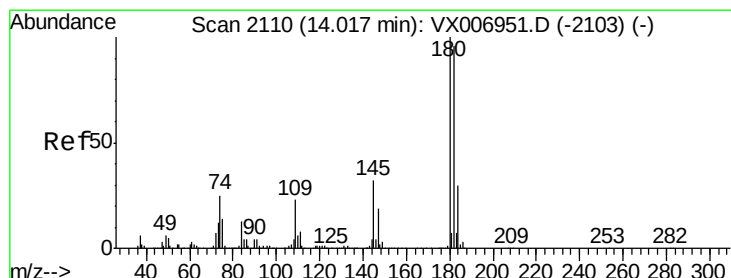
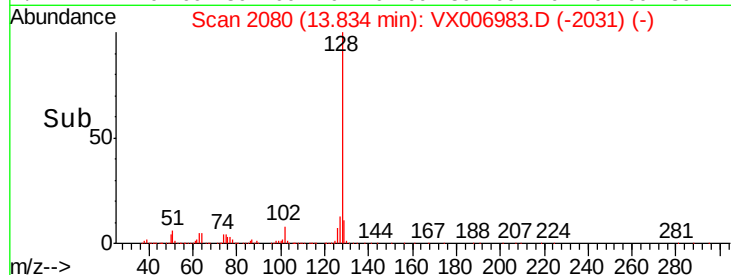
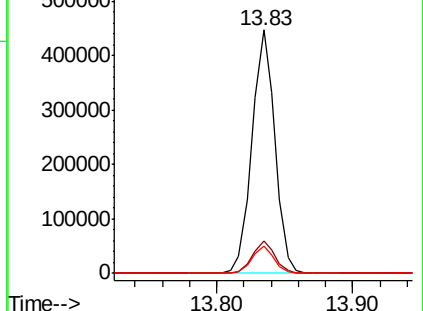
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.137 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006983.D

Acq: 10 Jan 2019 12:14

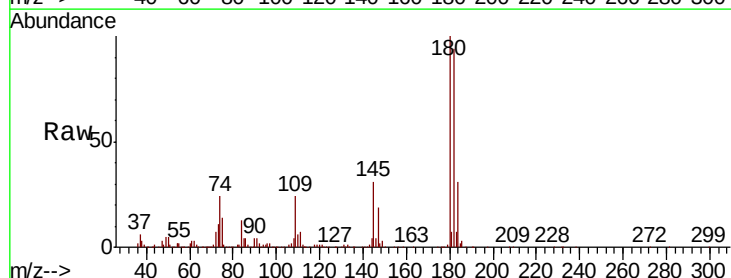
Tgt Ion:180 Resp: 178818

Ion Ratio Lower Upper

180 100

182 93.3 48.5 145.5

145 29.6 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

