

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
 Data File : VX008639.D
 Acq On : 04 Apr 2019 16:30
 Operator : JC/SP
 Sample : K2263-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Apr 05 07:06:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361015	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131577	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	148989	47.67	ug/l	0.00
Spiked Amount						
			Recovery	=	95.34%	
35) Dibromofluoromethane	5.50	113	109727	47.54	ug/l	0.00
Spiked Amount						
			Recovery	=	95.08%	
50) Toluene-d8	8.71	98	454841	49.49	ug/l	0.00
Spiked Amount						
			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.13	95	154112	47.29	ug/l	0.00
Spiked Amount						
			Recovery	=	94.58%	

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	568	Below Cal	# 84
5) Bromomethane	1.64	94	313	2.069	ug/l 82
6) Chloroethane	1.70	64	1475	Below Cal	# 66
8) Diethyl Ether	2.19	74	658	0.376	ug/l 82
10) Methyl Iodide	2.51	142	169	4.075	ug/l # 42
11) Tert butyl alcohol	3.04	59	3761	5.140	ug/l # 72
13) Acrolein	2.29	56	152	0.419	ug/l # 13
14) Allyl chloride	2.77	41	14313	2.524	ug/l # 78
15) Acrylonitrile	3.18	53	2979	1.537	ug/l # 42
16) Acetone	2.44	43	24581	13.655	ug/l 99
17) Carbon Disulfide	2.57	76	1291	Below Cal	# 78
18) Methyl Acetate	2.76	43	9626	2.205	ug/l # 60
19) Methyl tert-butyl Ether	3.19	73	5495	0.621	ug/l # 1
20) Methylene Chloride	2.85	84	1237	0.411	ug/l # 69
23) Vinyl Acetate	3.76	43	2086	0.219	ug/l # 76
25) 2-Butanone	4.68	43	6895	2.423	ug/l 95
26) 2,2-Dichloropropane	4.40	77	2553	0.670	ug/l # 53
28) Bromochloromethane	5.03	49	143	Below Cal	# 22
29) Tetrahydrofuran	5.17	42	776	0.411	ug/l 97
31) Cyclohexane	5.58	56	368654	68.270	ug/l 100
36) 1,1-Dichloropropene	5.66	75	17777	4.505	ug/l # 50
37) Ethyl Acetate	4.68	43	6895	1.309	ug/l # 73
38) Carbon Tetrachloride	5.67	117	20497	6.276	ug/l # 16
39) Methylcyclohexane	7.46	83	174408	35.777	ug/l 98
40) Benzene	6.14	78	14560	1.238	ug/l 98
43) Isopropyl Acetate	6.46	43	4362	0.529	ug/l # 68
45) 1,2-Dichloropropane	7.46	63	1914	0.570	ug/l # 1
47) Bromodichloromethane	7.84	83	749	0.204	ug/l # 80
48) Methyl methacrylate	7.73	41	9774	2.342	ug/l # 48
51) 4-Methyl-2-Pentanone	8.64	43	12315	2.318	ug/l 96
52) Toluene	8.79	92	10958	1.581	ug/l 96
55) 1,1,2-Trichloroethane	9.16	97	5735	2.061	ug/l # 17
56) Ethyl methacrylate	9.16	69	1377	0.274	ug/l # 1
59) 2-Hexanone	9.63	43	1289	0.312	ug/l 69

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

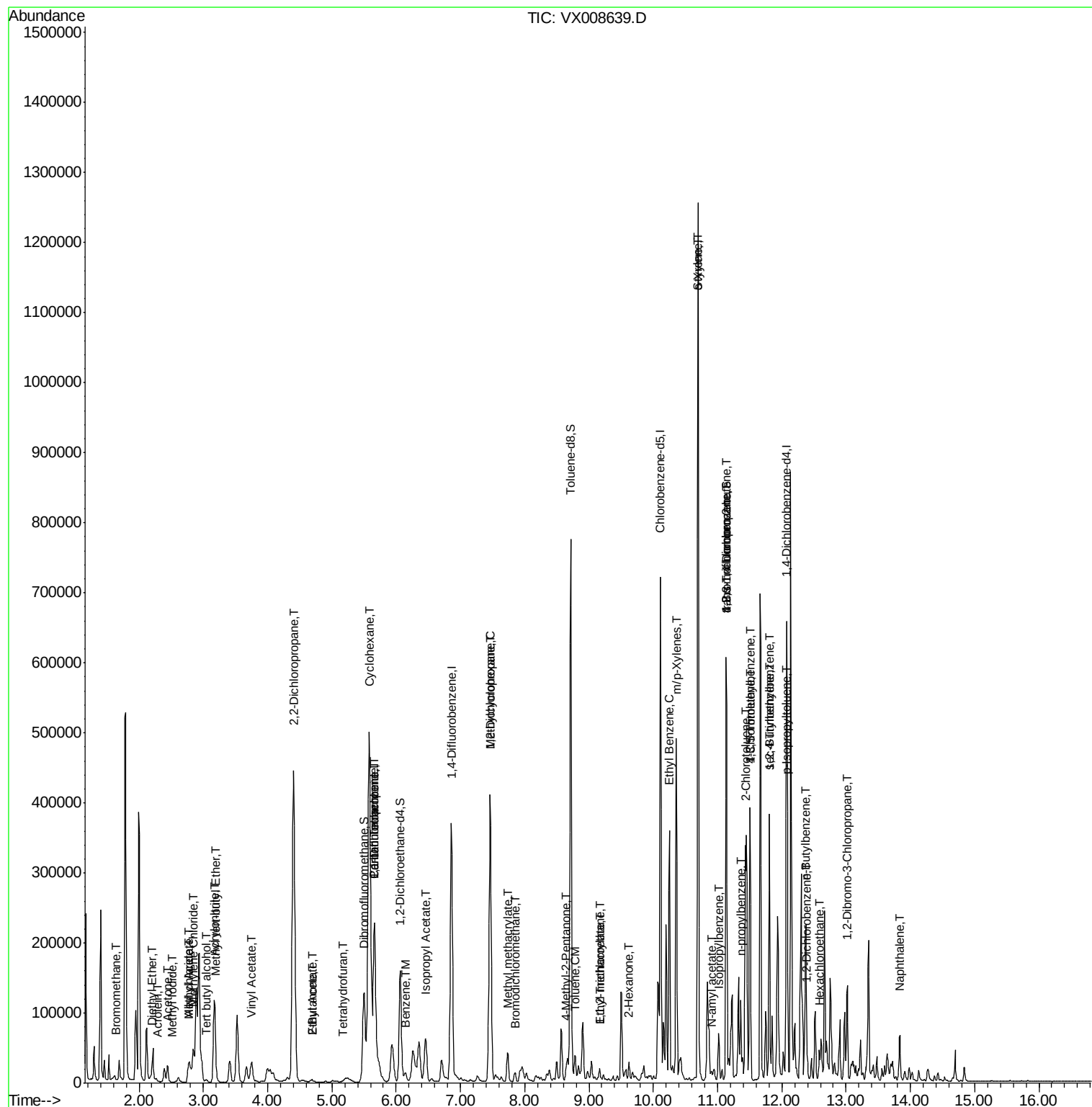
67) Ethyl Benzene	10.25	91	206796	16.021	ug/l	100
68) m/p-Xylenes	10.36	106	113207	24.392	ug/l	100
69) o-Xylene	10.69	106	259718	57.744	ug/l	99
70) Styrene	10.70	104	13578	1.751	ug/l #	1
73) Isopropylbenzene	11.02	105	30686	2.814	ug/l	99
74) N-amyl acetate	10.90	43	1547	0.241	ug/l #	73
76) 1,2,3-Trichloropropane	11.13	75	78523	21.724	ug/l #	34
78) n-propylbenzene	11.36	91	46504	3.663	ug/l	98
79) 2-Chlorotoluene	11.43	91	35579	4.631	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.51	105	161934	17.692	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	78523	59.884	ug/l #	10
82) 4-Chlorotoluene	11.51	91	17290	1.944	ug/l #	47
84) 1,2,4-Trimethylbenzene	11.80	105	154491	16.669	ug/l	100
85) sec-Butylbenzene	11.80	105	154426	14.764	ug/l #	58
86) p-Isopropyltoluene	12.06	119	6915	0.737	ug/l	94
89) n-Butylbenzene	12.37	91	21805	2.477	ug/l #	1
90) Hexachloroethane	12.58	117	1814	1.165	ug/l #	9
91) 1,2-Dichlorobenzene	12.39	146	1447	0.311	ug/l #	71
92) 1,2-Dibromo-3-Chloropropan	13.02	75	465	0.510	ug/l #	3
95) Naphthalene	13.83	128	37095	3.426	ug/l	97

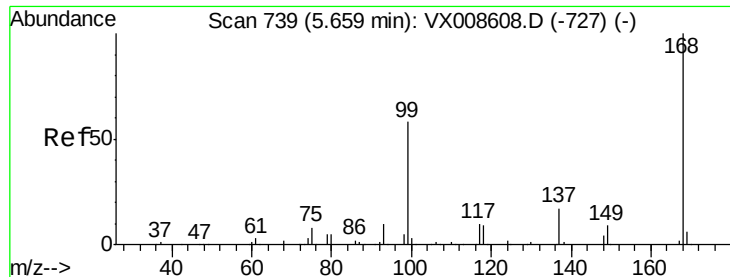
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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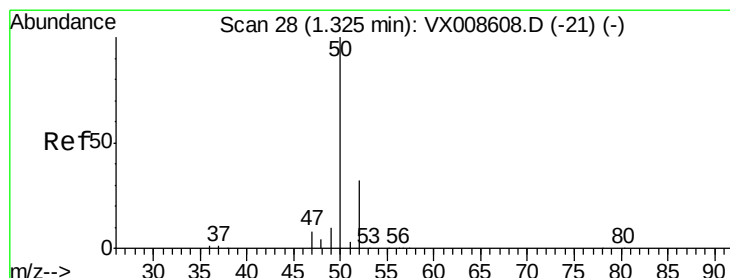
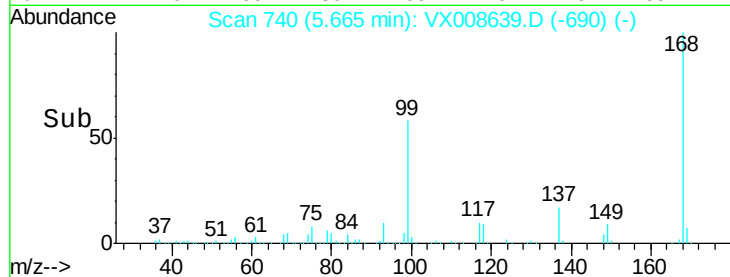
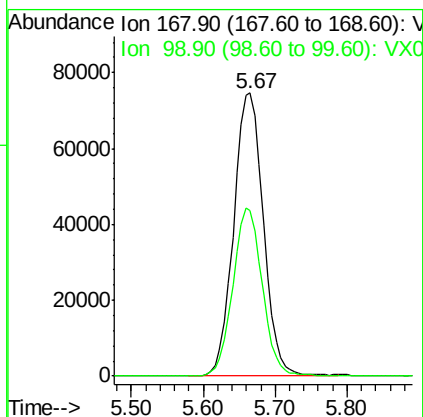
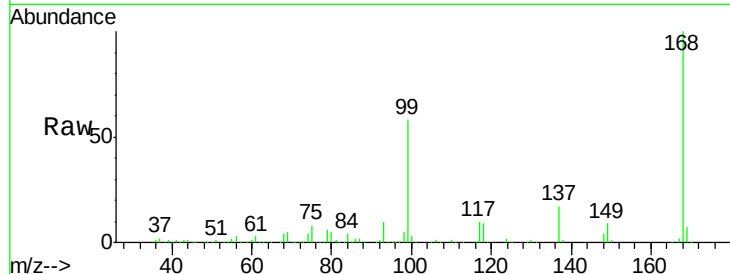




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008639.D
Acq: 04 Apr 2019 16:30

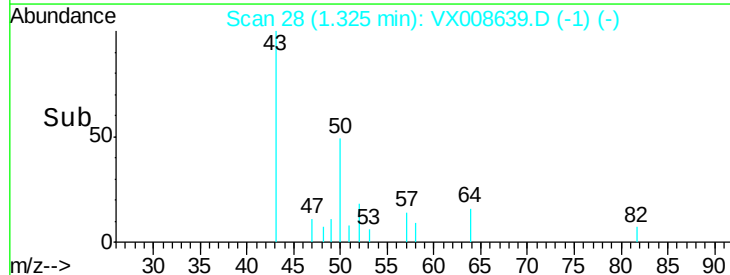
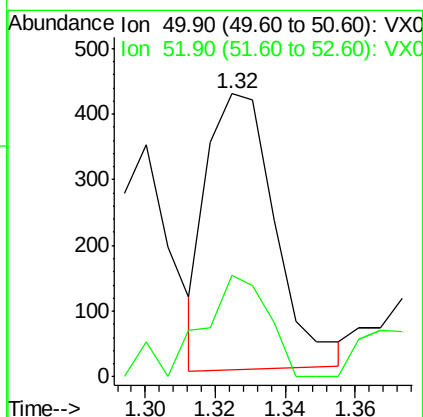
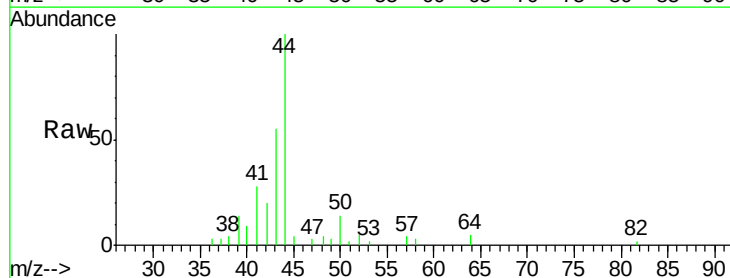
Instrument :
MSVOA_X
ClientSampleId :
MW-7

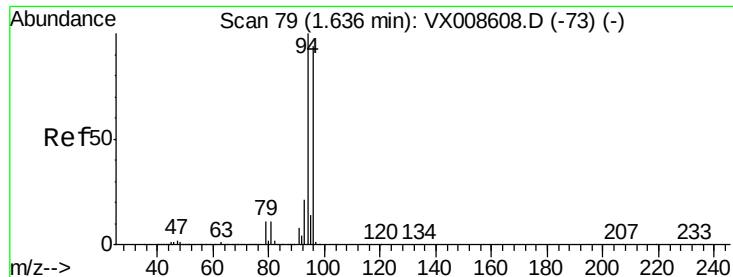
Tgt Ion:168 Resp: 214276
Ion Ratio Lower Upper
168 100
99 58.2 46.7 70.1



#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008639.D
Acq: 04 Apr 2019 16:30

Tgt Ion: 50 Resp: 568
Ion Ratio Lower Upper
50 100
52 41.1 25.8 38.8#





#5

Bromomethane

Concen: 2.069 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

Instrument :

MSVOA_X

ClientSampled :

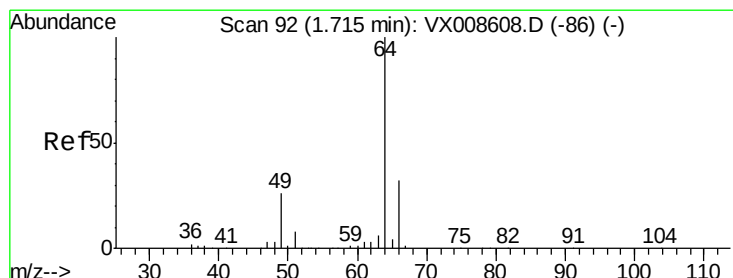
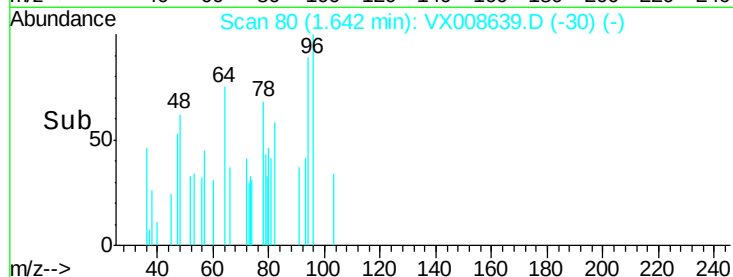
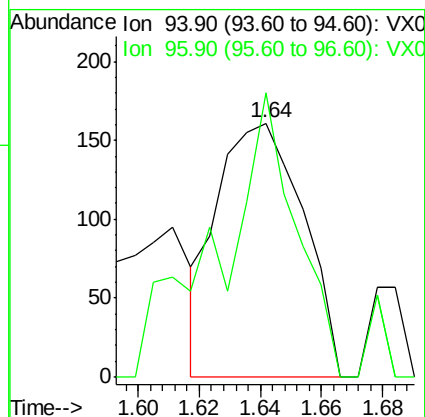
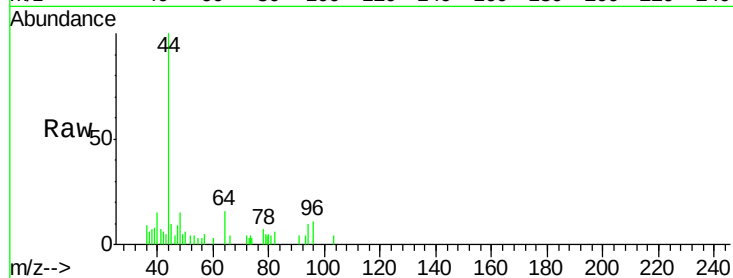
MW-7

Tgt Ion: 94 Resp: 313

Ion Ratio Lower Upper

94 100

96 111.8 75.2 112.8



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX008639.D

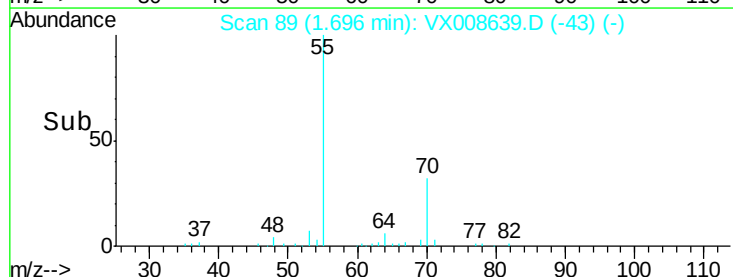
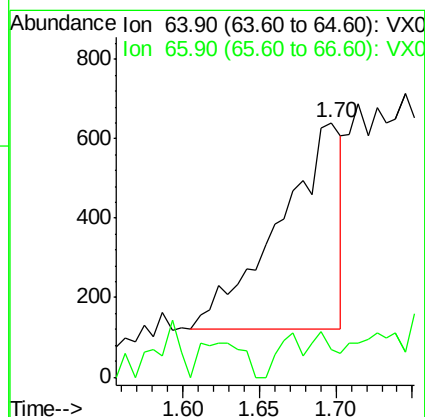
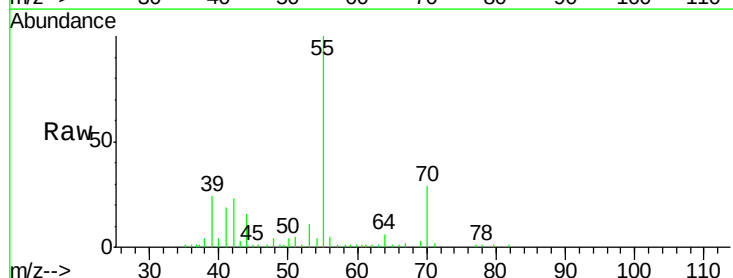
Acq: 04 Apr 2019 16:30

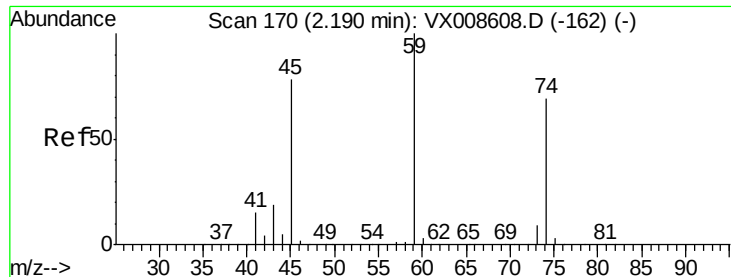
Tgt Ion: 64 Resp: 1475

Ion Ratio Lower Upper

64 100

66 13.1 25.4 38.0#

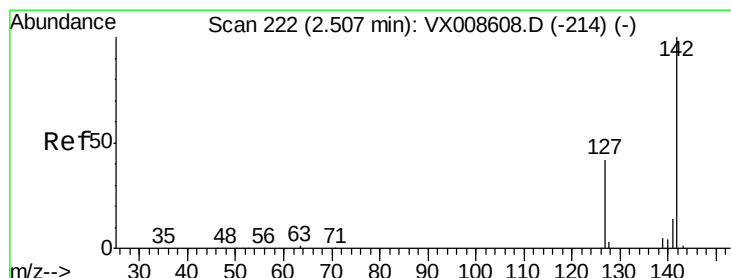
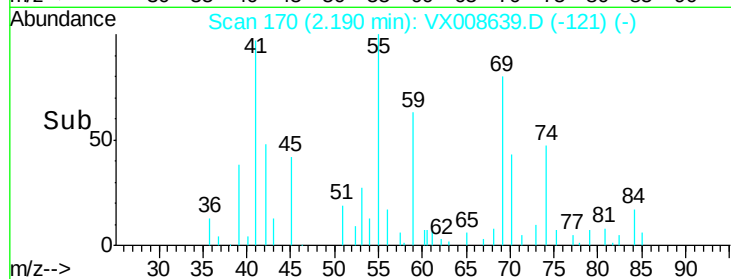
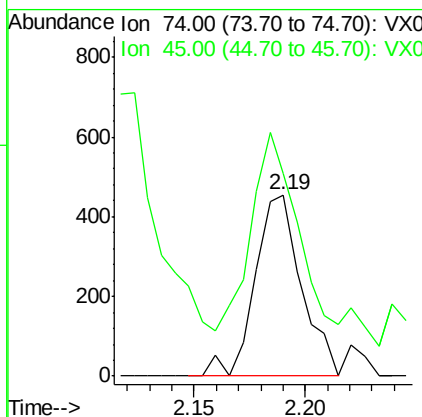
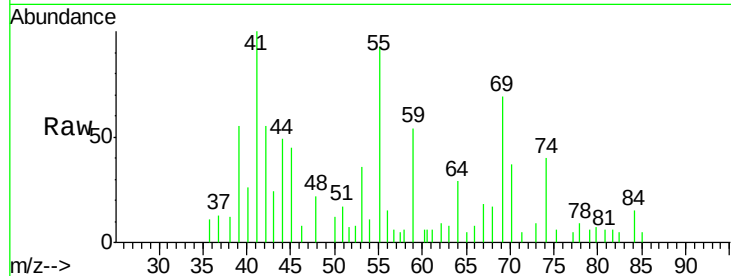




#8
 Diethyl Ether
 Concen: 0.376 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

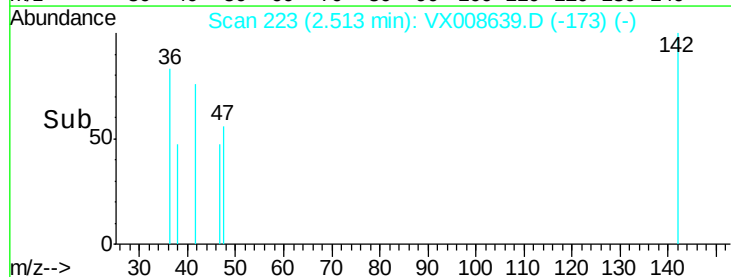
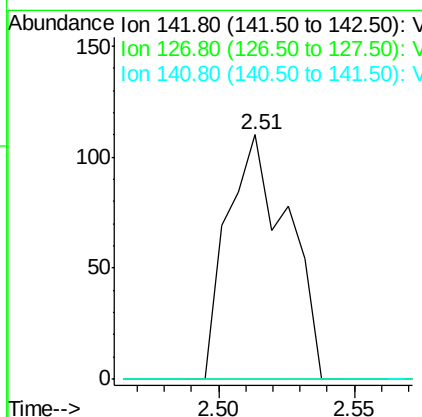
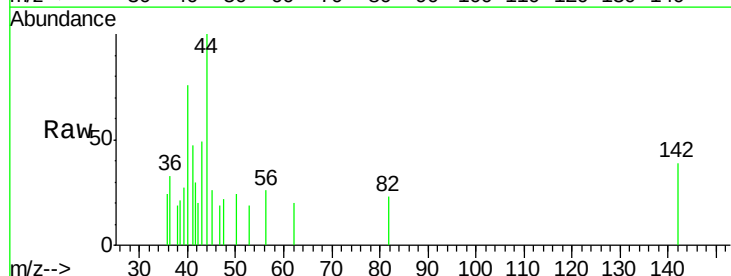
Instrument :
 MSVOA_X
 ClientSampled :
 MW-7

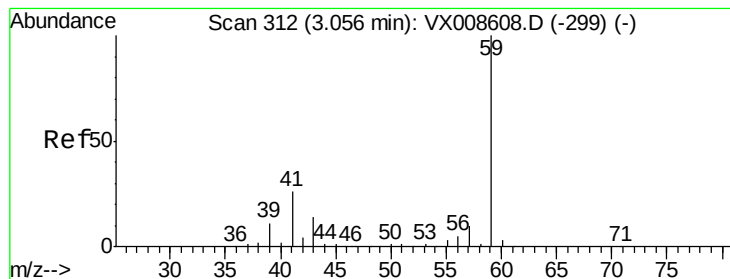
Tgt Ion: 74 Resp: 658
 Ion Ratio Lower Upper
 74 100
 45 132.2 56.5 169.5



#10
 Methyl Iodide
 Concen: 4.075 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

Tgt Ion: 142 Resp: 169
 Ion Ratio Lower Upper
 142 100
 127 0.0 33.0 49.6#
 141 0.0 11.4 17.2#



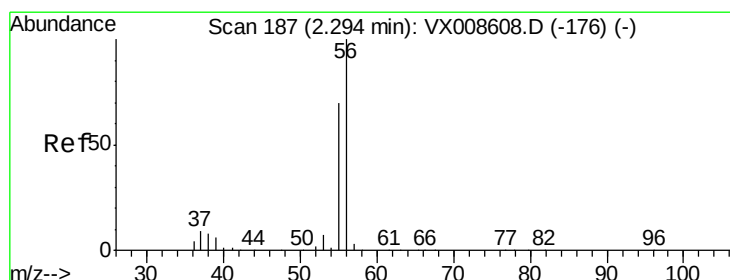
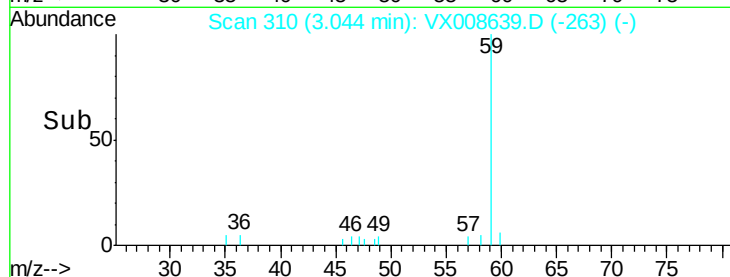
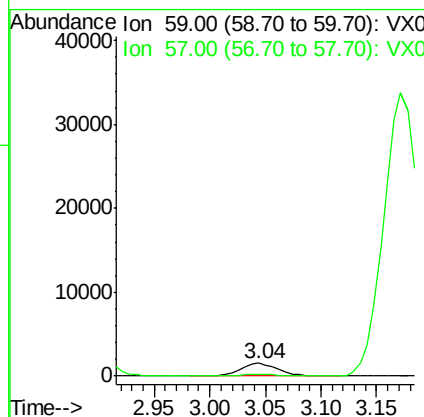
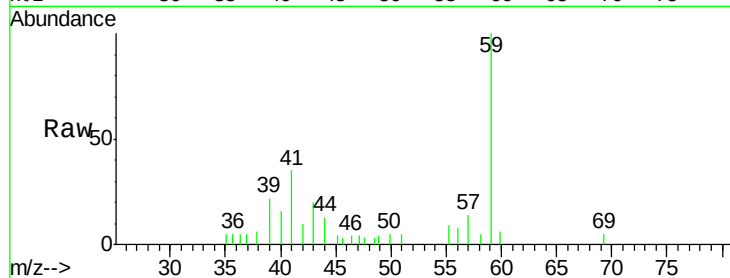


#11

Tert butyl alcohol
 Concen: 5.140 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

Instrument :
 MSVOA_X
 ClientSampled :
 MW-7

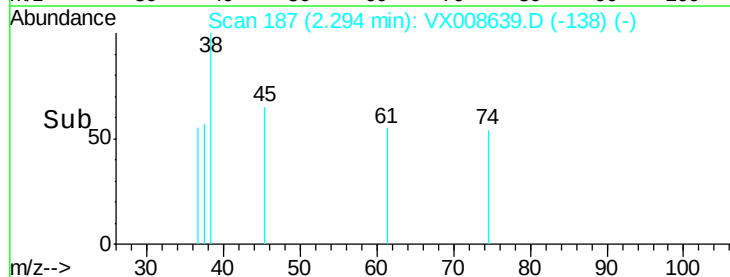
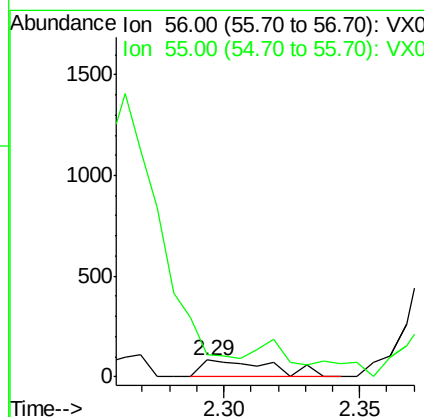
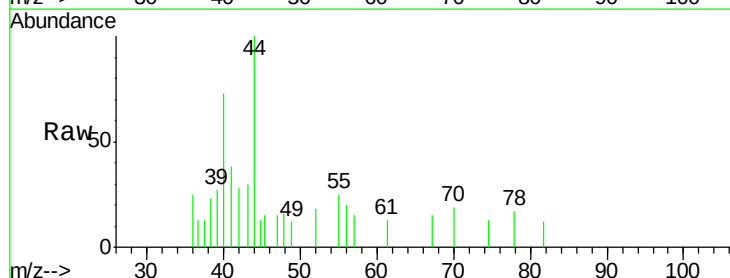
Tgt Ion: 59 Resp: 3761
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

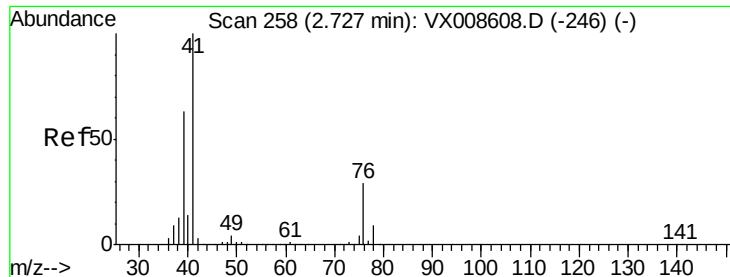


#13

Acrolein
 Concen: 0.419 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

Tgt Ion: 56 Resp: 152
 Ion Ratio Lower Upper
 56 100
 55 0.0 58.0 87.0#

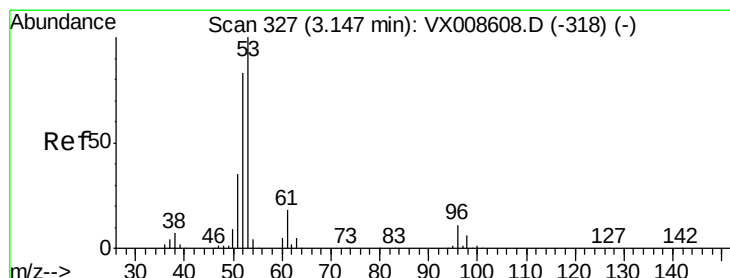
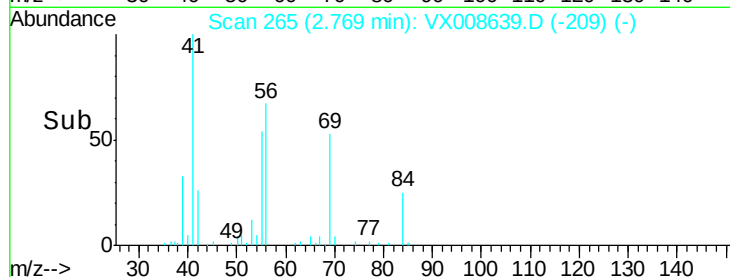
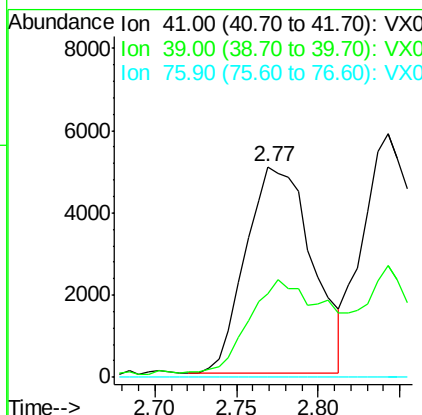
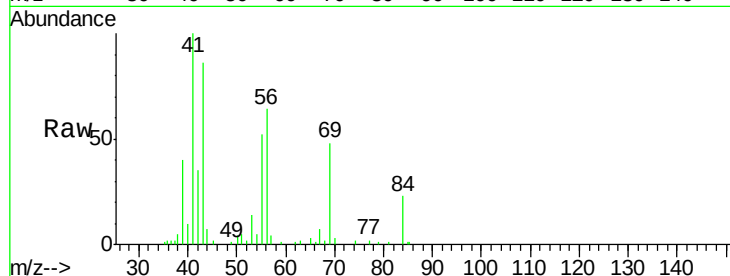




#14
 Allyl chloride
 Concen: 2.524 ug/l
 RT: 2.77 min Scan# 265
 Delta R.T. 0.04 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

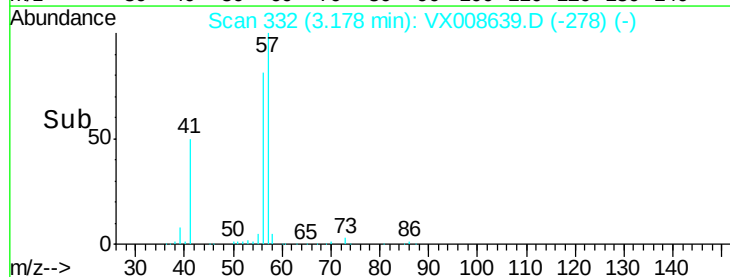
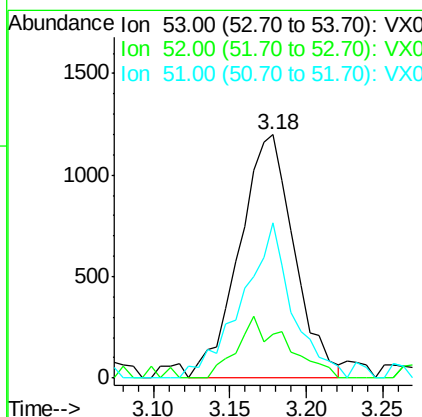
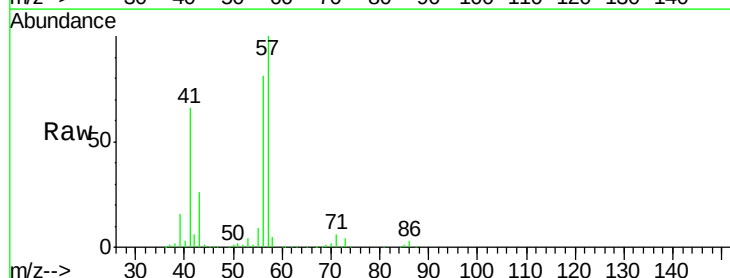
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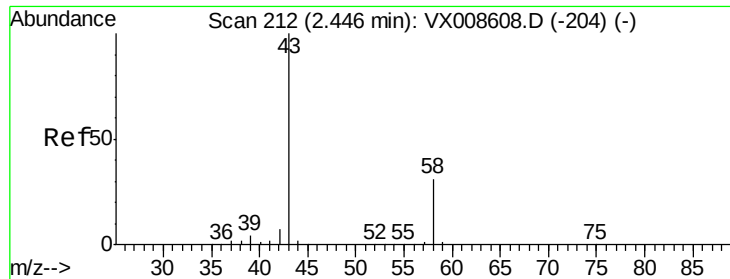
Tgt Ion: 41 Resp: 14313
 Ion Ratio Lower Upper
 41 100
 39 54.1 48.0 72.0
 76 0.0 22.0 33.0#



#15
 Acrylonitrile
 Concen: 1.537 ug/l
 RT: 3.18 min Scan# 332
 Delta R.T. 0.03 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

Tgt Ion: 53 Resp: 2979
 Ion Ratio Lower Upper
 53 100
 52 22.9 66.5 99.7#
 51 58.6 28.6 42.8#





#16

Acetone

Concen: 13.655 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

Instrument :

MSVOA_X

ClientSampled :

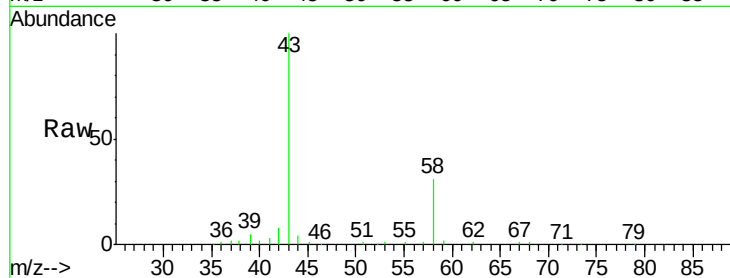
MW-7

Tgt Ion: 43 Resp: 24581

Ion Ratio Lower Upper

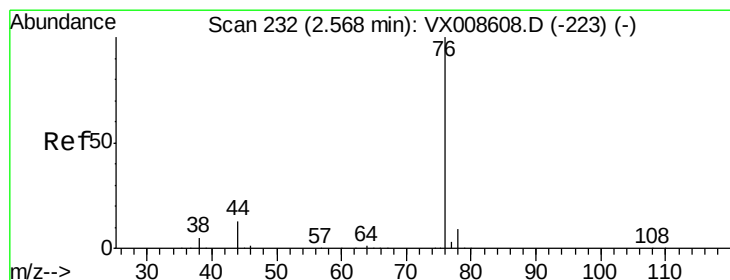
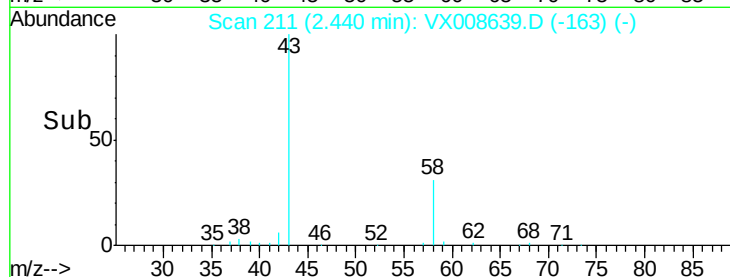
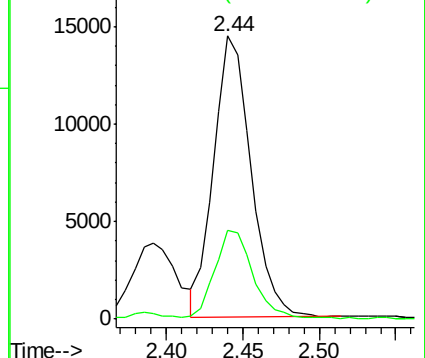
43 100

58 31.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008639.D

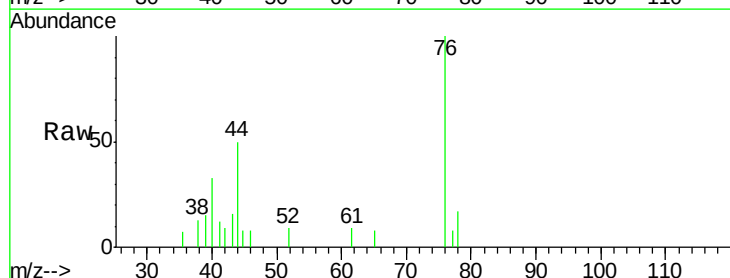
Acq: 04 Apr 2019 16:30

Tgt Ion: 76 Resp: 1291

Ion Ratio Lower Upper

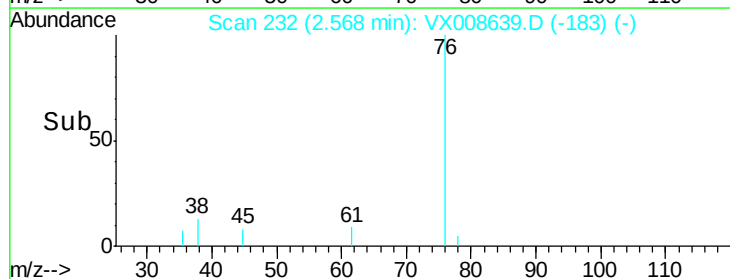
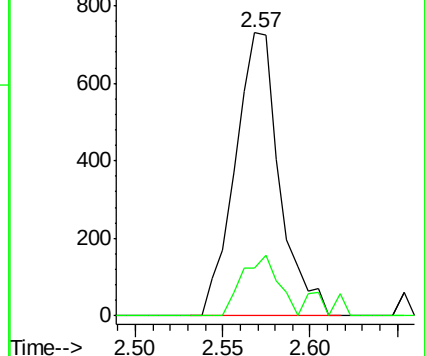
76 100

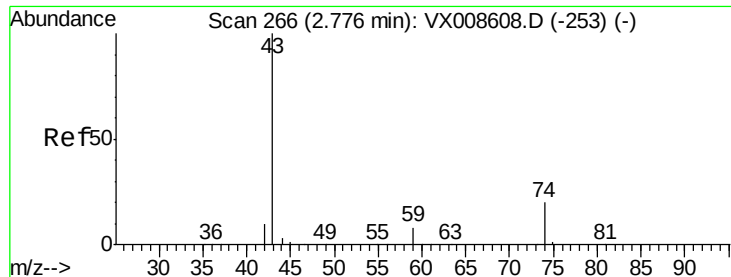
78 16.7 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

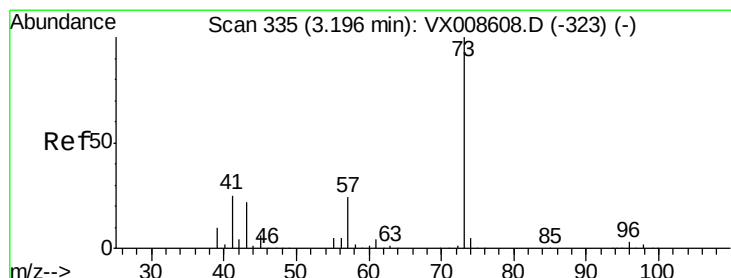
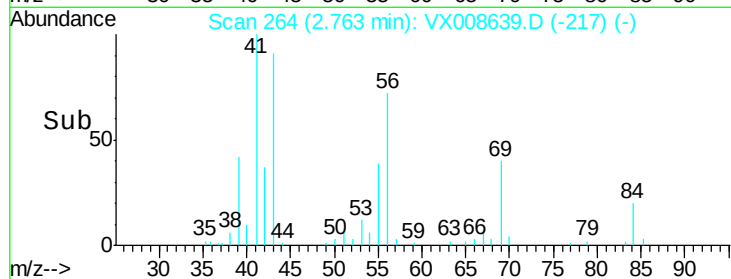
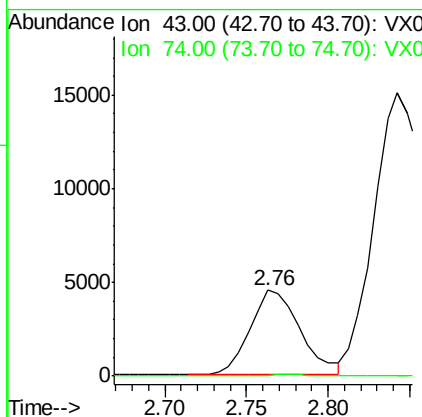
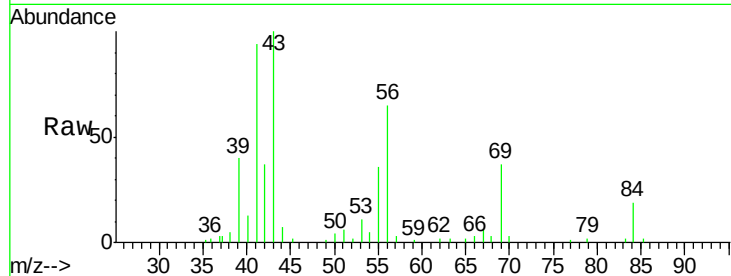




#18
Methyl Acetate
Concen: 2.205 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX008639.D
Acq: 04 Apr 2019 16:30

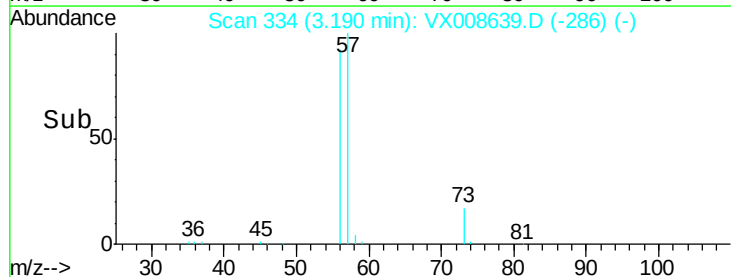
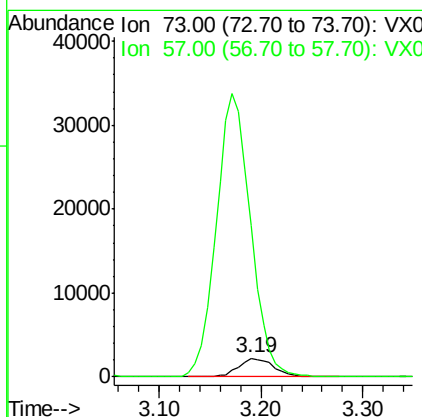
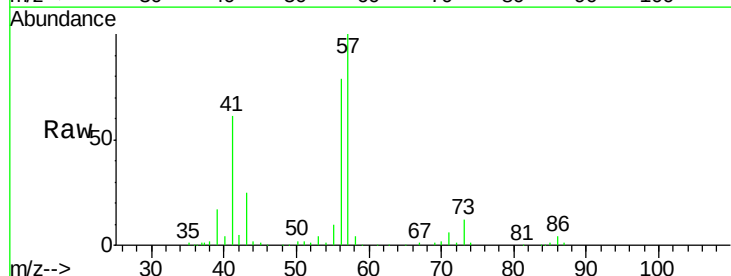
Instrument :
MSVOA_X
ClientSampled :
MW-7

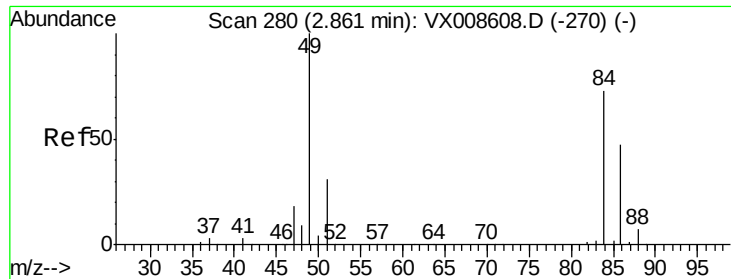
Tgt Ion: 43 Resp: 9626
Ion Ratio Lower Upper
43 100
74 1.9 16.5 24.7#



#19
Methyl tert-butyl Ether
Concen: 0.621 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008639.D
Acq: 04 Apr 2019 16:30

Tgt Ion: 73 Resp: 5495
Ion Ratio Lower Upper
73 100
57 801.7 19.5 29.3#

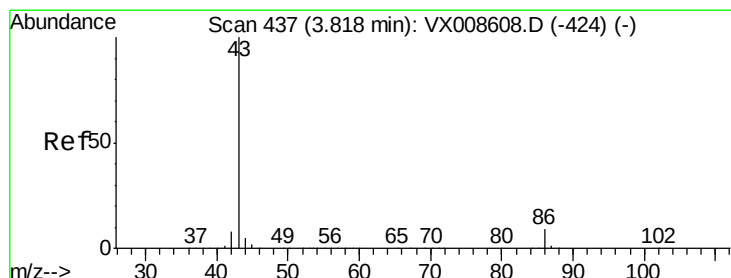
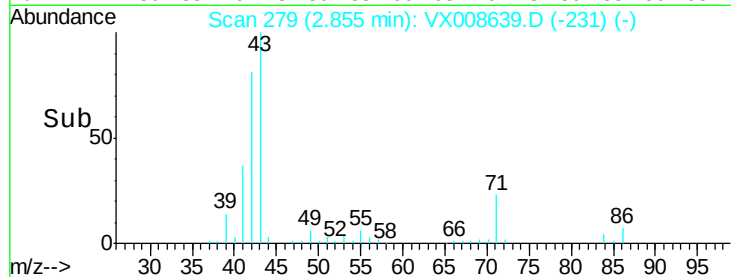
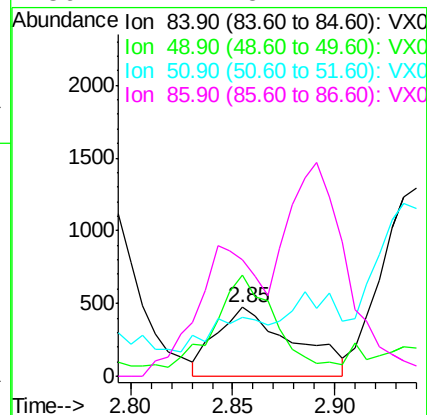
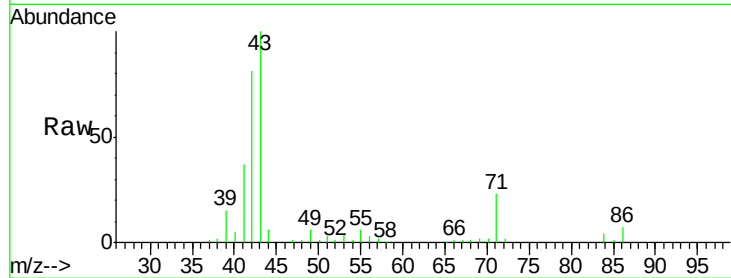




#20
Methylene Chloride
Concen: 0.411 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008639.D
Acq: 04 Apr 2019 16:30

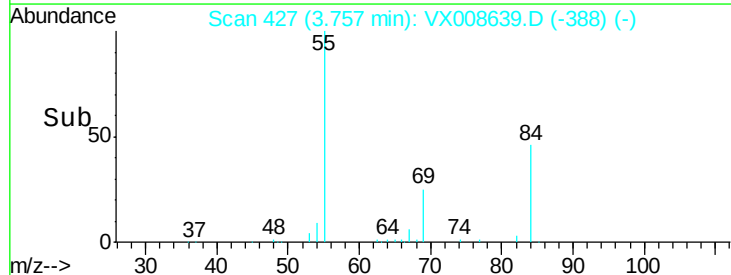
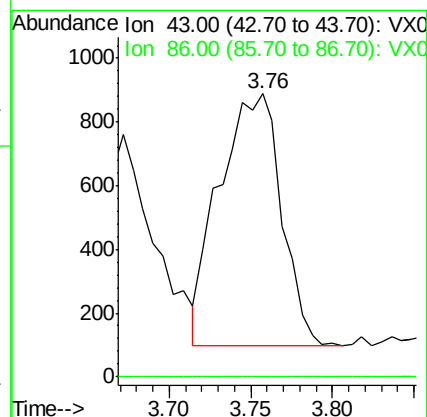
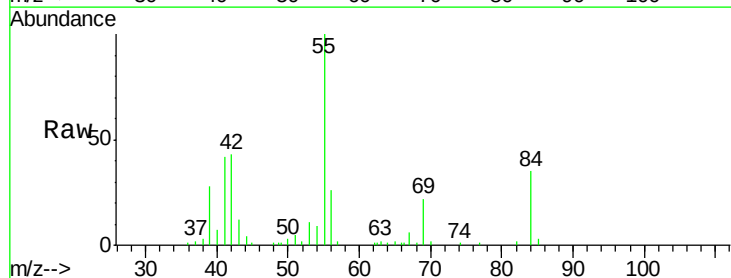
Instrument :
MSVOA_X
ClientSampled :
MW-7

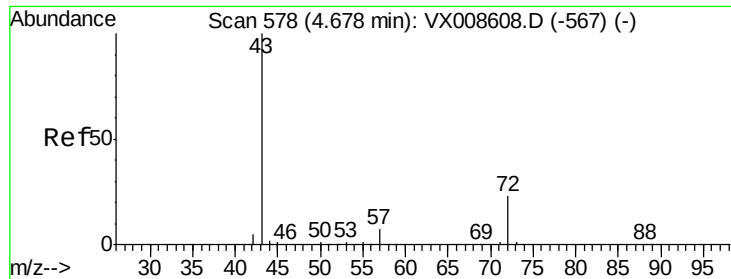
Tgt Ion: 84 Resp: 1237
Ion Ratio Lower Upper
84 100
49 161.2 109.7 164.5
51 32.3 33.6 50.4#
86 114.2 51.4 77.2#



#23
Vinyl Acetate
Concen: 0.219 ug/l
RT: 3.76 min Scan# 427
Delta R.T. -0.06 min
Lab File: VX008639.D
Acq: 04 Apr 2019 16:30

Tgt Ion: 43 Resp: 2086
Ion Ratio Lower Upper
43 100
86 0.0 7.0 10.6#





#25

2-Butanone

Concen: 2.423 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

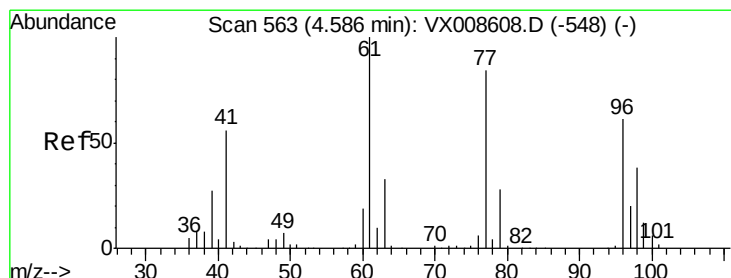
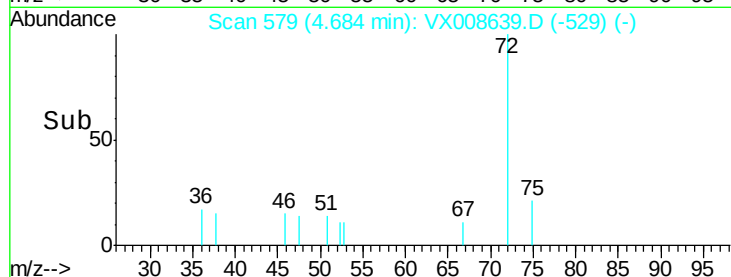
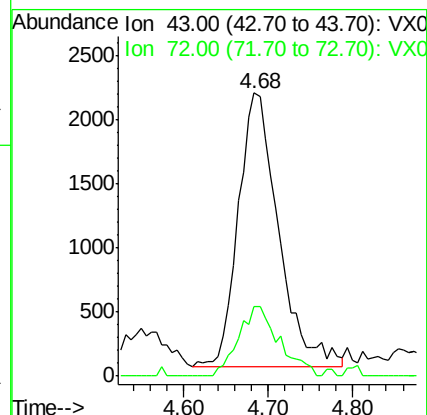
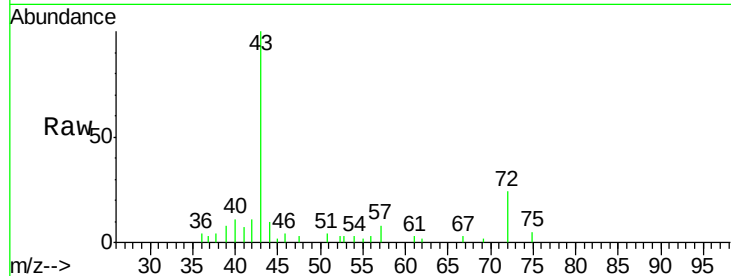
MW-7

Tgt Ion: 43 Resp: 6895

Ion Ratio Lower Upper

43 100

72 25.4 18.2 27.4



#26

2,2-Dichloropropane

Concen: 0.670 ug/l

RT: 4.40 min Scan# 532

Delta R.T. -0.19 min

Lab File: VX008639.D

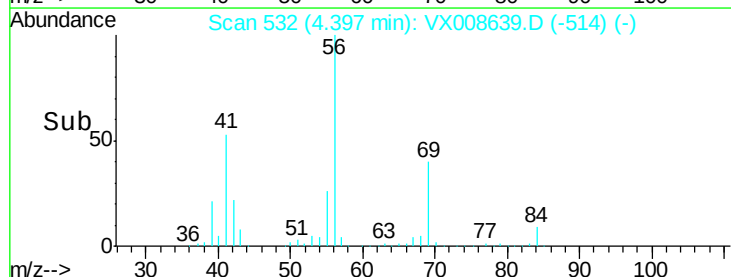
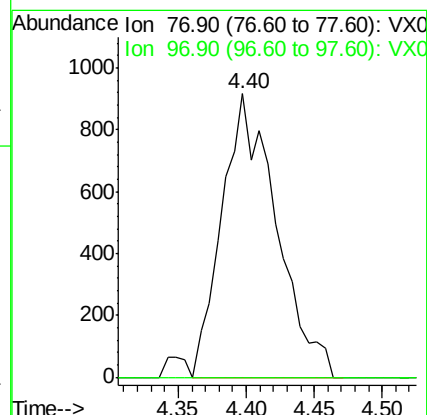
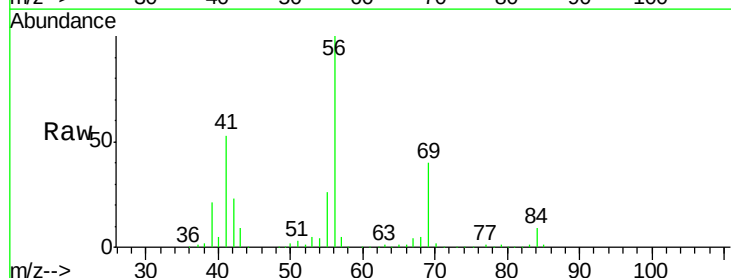
Acq: 04 Apr 2019 16:30

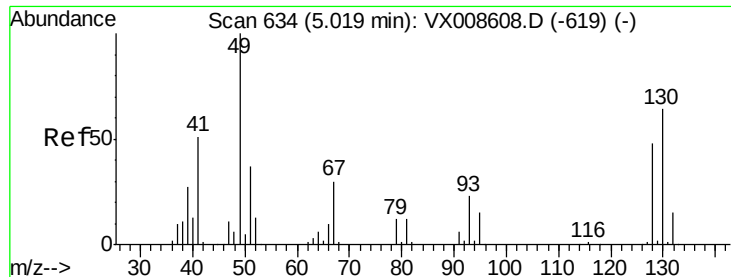
Tgt Ion: 77 Resp: 2553

Ion Ratio Lower Upper

77 100

97 0.0 11.5 34.5#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 635

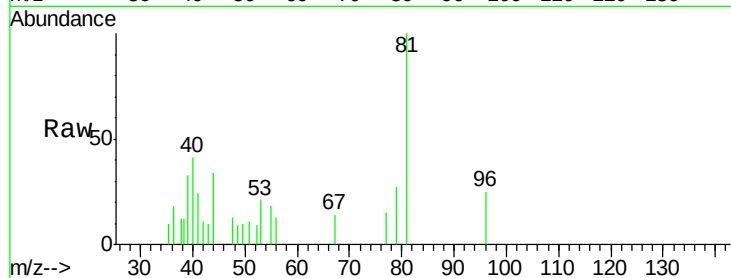
Delta R.T. 0.01 min

Lab File: VX008639.D

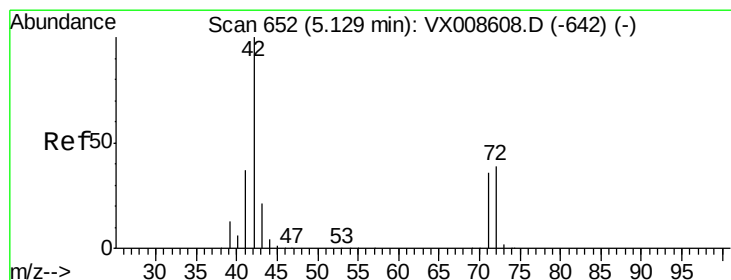
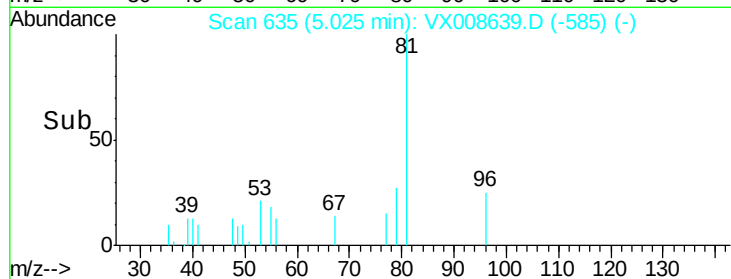
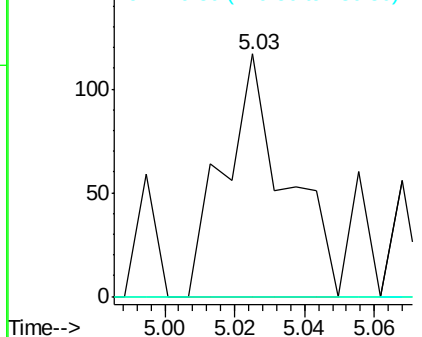
Acq: 04 Apr 2019 16:30

Instrument :
MSVOA_X
ClientSampled :
MW-7

Tgt Ion: 49 Resp: 143
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 49.3 73.9#



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



#29

Tetrahydrofuran

Concen: 0.411 ug/l

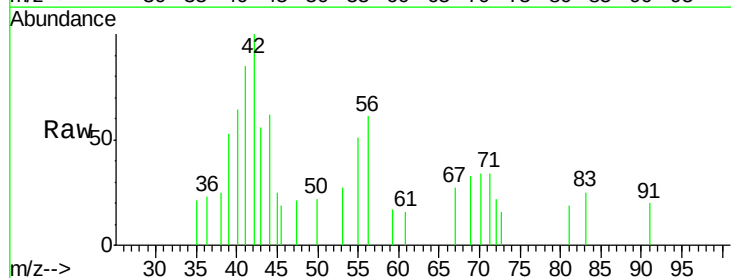
RT: 5.17 min Scan# 658

Delta R.T. 0.04 min

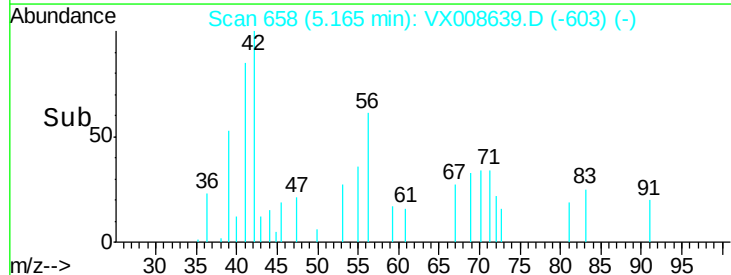
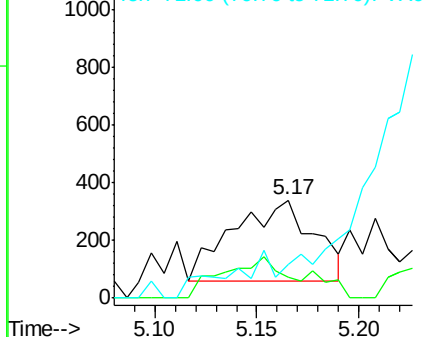
Lab File: VX008639.D

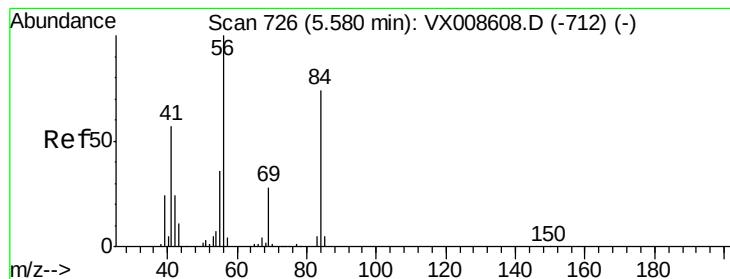
Acq: 04 Apr 2019 16:30

Tgt Ion: 42 Resp: 776
Ion Ratio Lower Upper
42 100
72 38.8 30.5 45.7
71 33.4 28.6 43.0



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





#31

Cyclohexane

Concen: 68.270 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

MW-7

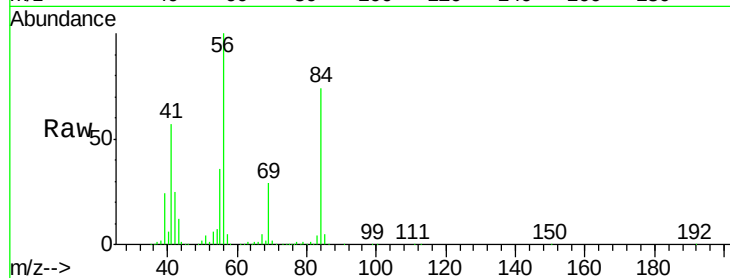
Tgt Ion: 56 Resp: 368654

Ion Ratio Lower Upper

56 100

69 28.2 22.6 33.8

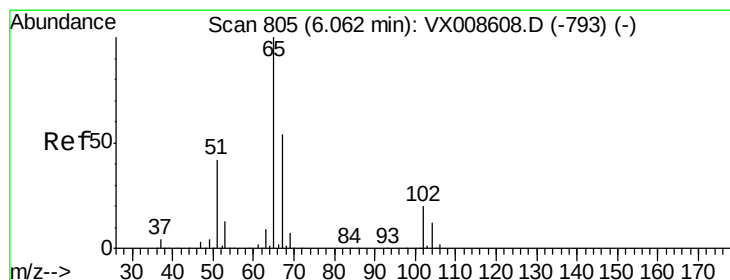
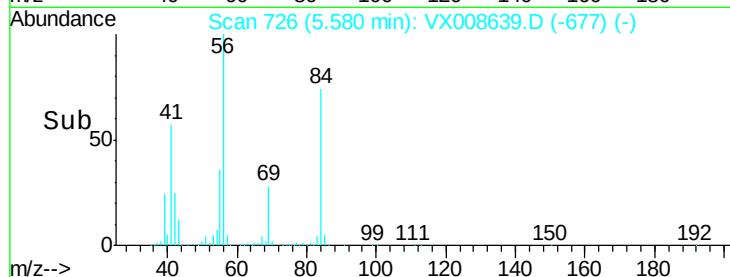
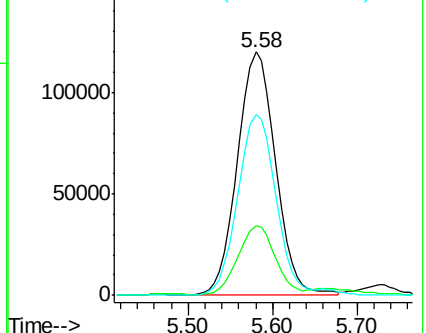
84 74.4 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.671 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008639.D

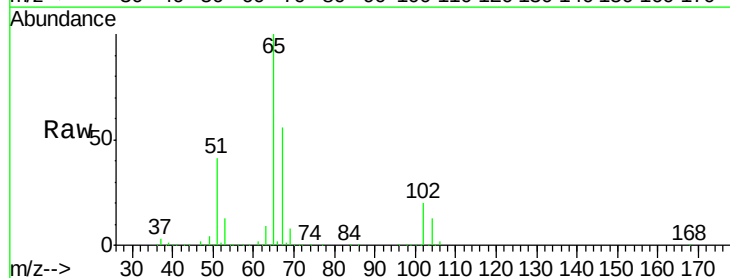
Acq: 04 Apr 2019 16:30

Tgt Ion: 65 Resp: 148989

Ion Ratio Lower Upper

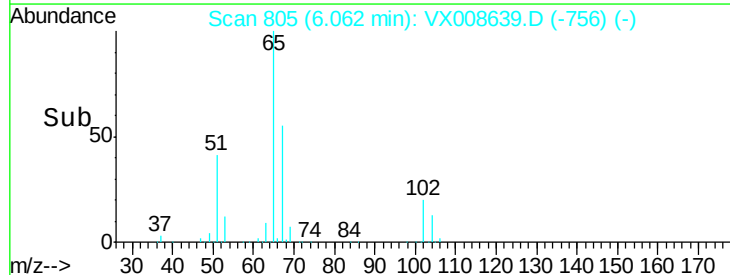
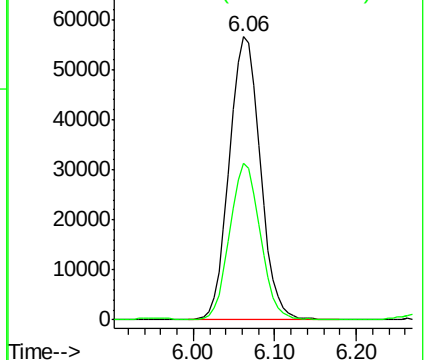
65 100

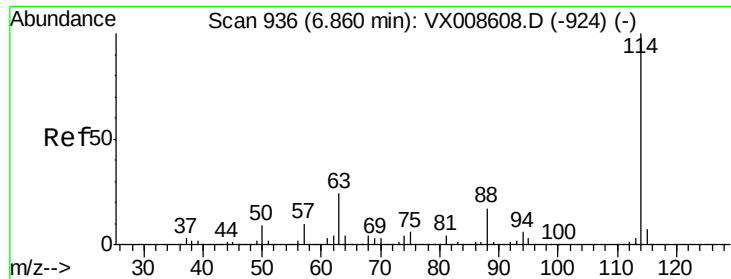
67 54.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

MW-7

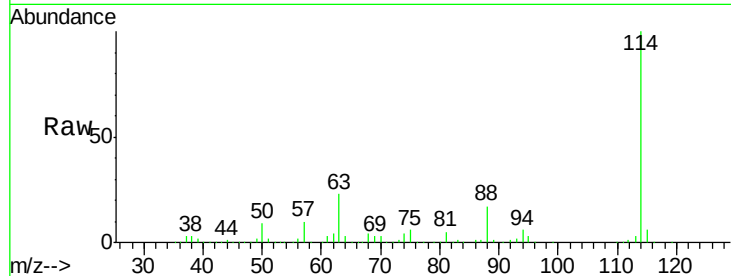
Tgt Ion:114 Resp: 361015

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.2

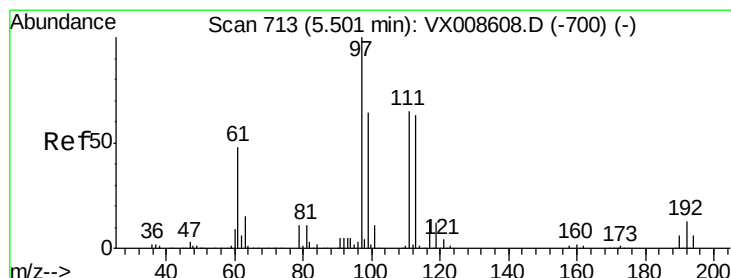
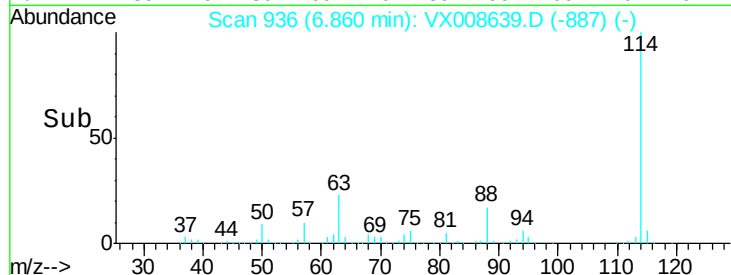
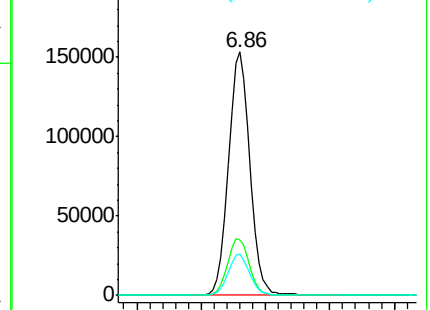
88 16.8 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.538 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

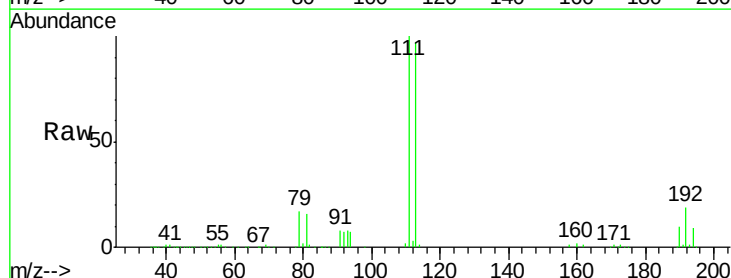
Tgt Ion:113 Resp: 109727

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

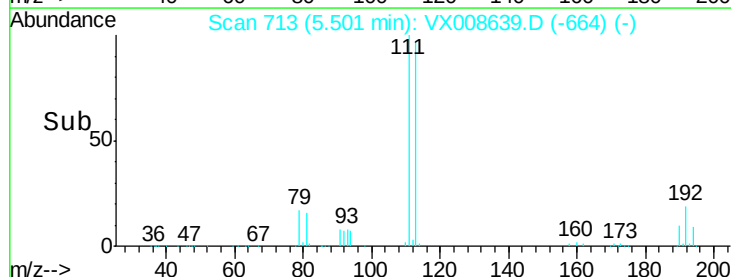
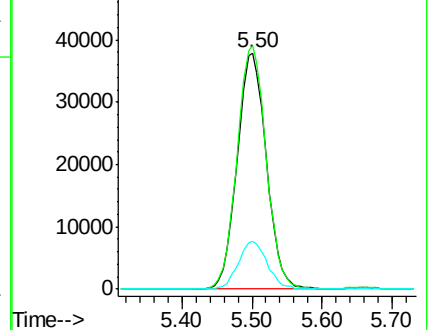
192 20.1 16.1 24.1

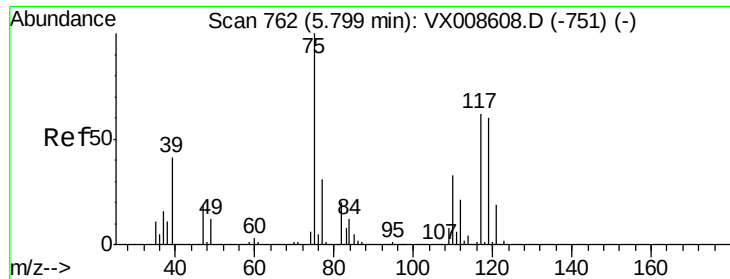


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

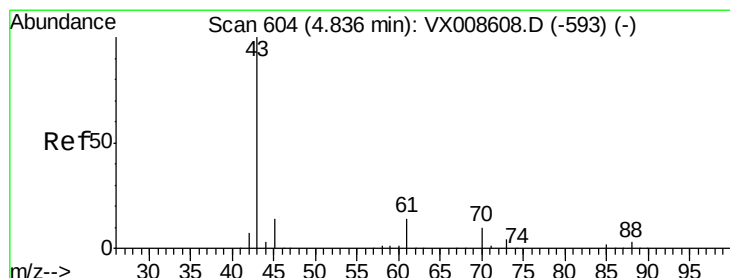
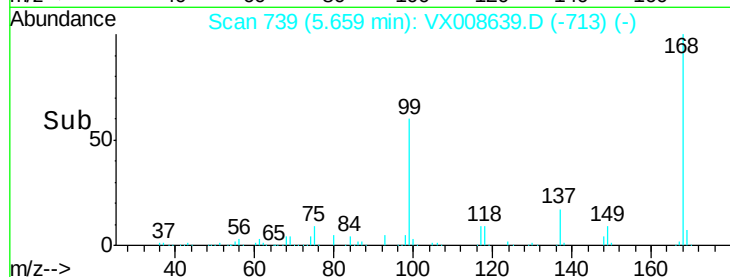
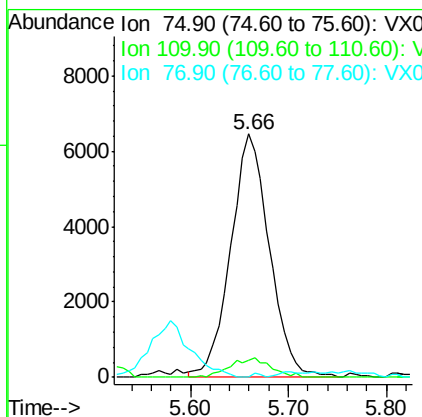
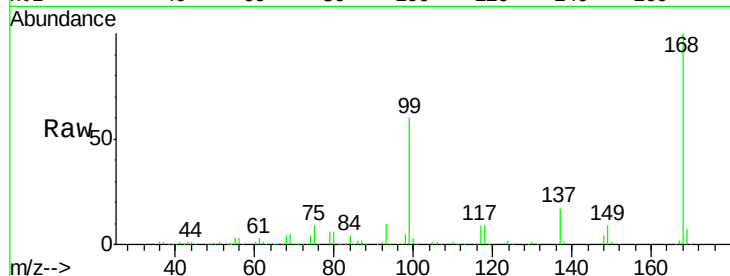




#36
 1,1-Dichloropropene
 Concen: 4.505 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

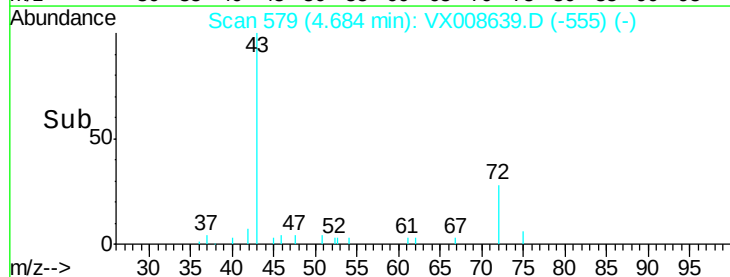
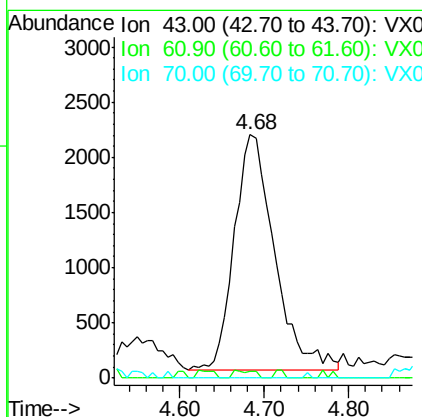
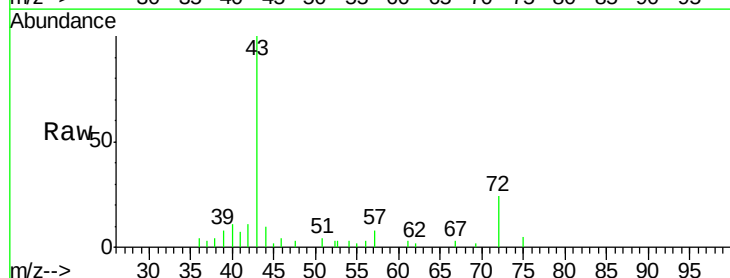
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

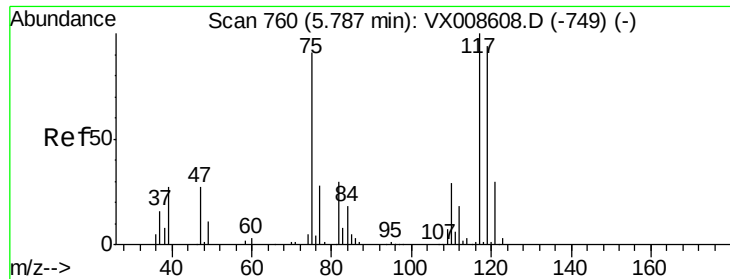
Tgt Ion: 75 Resp: 17777
 Ion Ratio Lower Upper
 75 100
 110 8.3 16.4 49.2#
 77 0.0 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 1.309 ug/l
 RT: 4.68 min Scan# 579
 Delta R.T. -0.15 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

Tgt Ion: 43 Resp: 6895
 Ion Ratio Lower Upper
 43 100
 61 1.7 10.3 15.5#
 70 0.0 7.6 11.4#





#38

Carbon Tetrachloride

Concen: 6.276 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

MW-7

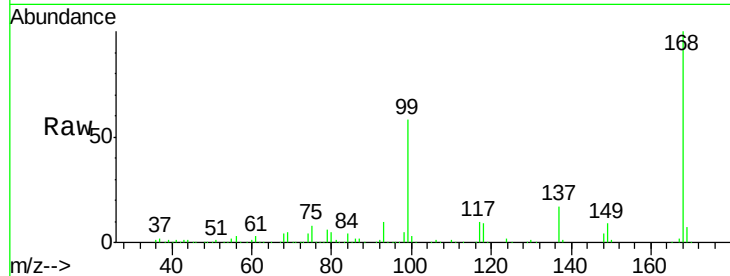
Tgt Ion:117 Resp: 20497

Ion Ratio Lower Upper

117 100

119 3.8 75.0 112.6#

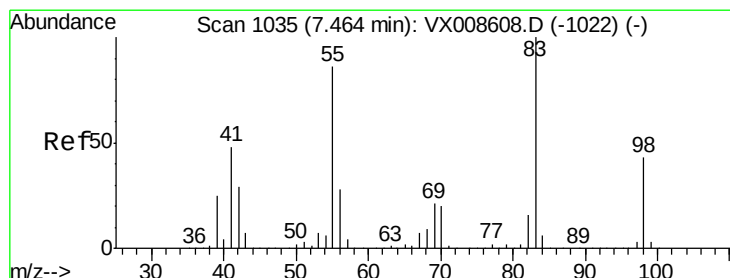
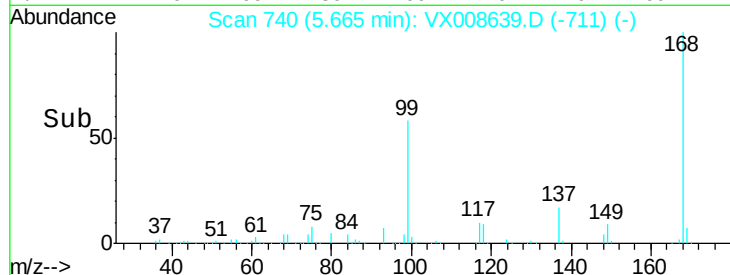
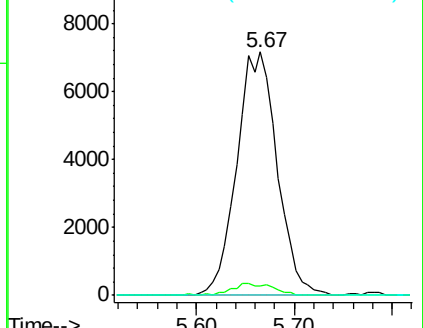
121 0.0 24.3 36.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 35.777 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

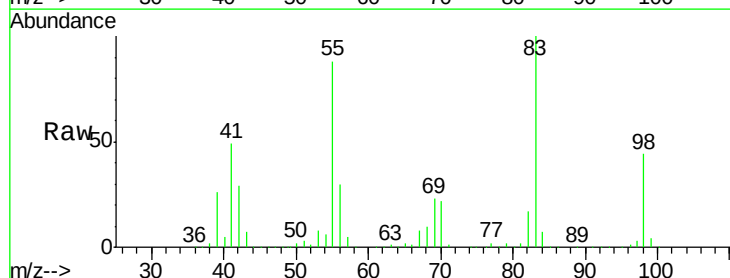
Tgt Ion: 83 Resp: 174408

Ion Ratio Lower Upper

83 100

55 87.7 69.0 103.6

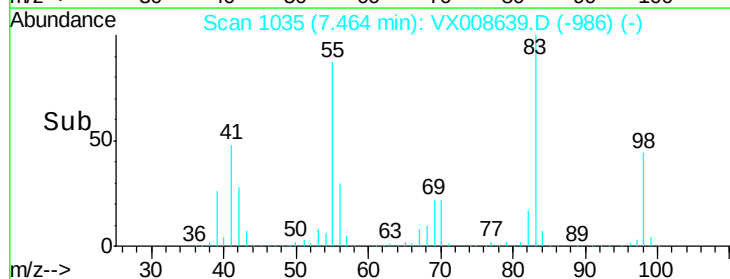
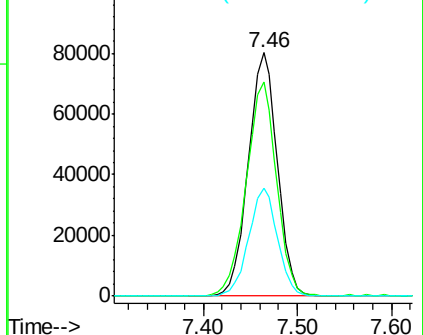
98 44.2 34.4 51.6

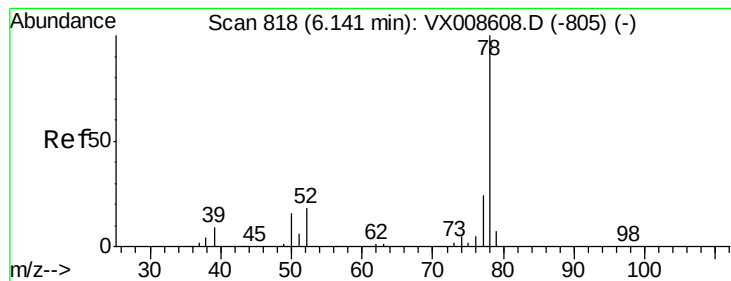


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.238 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

Instrument :

MSVOA_X

ClientSampled :

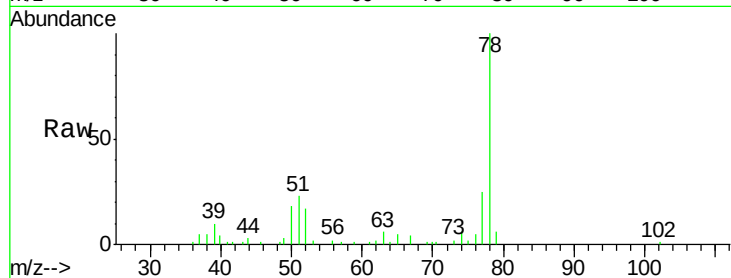
MW-7

Tgt Ion: 78 Resp: 14560

Ion Ratio Lower Upper

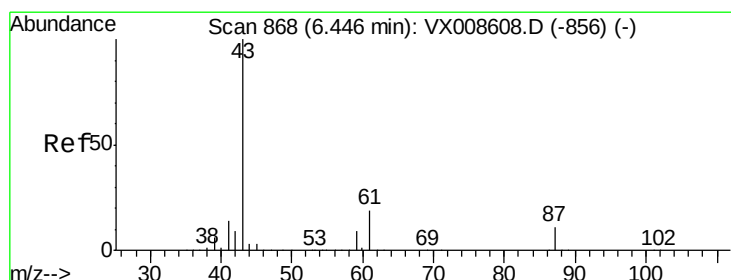
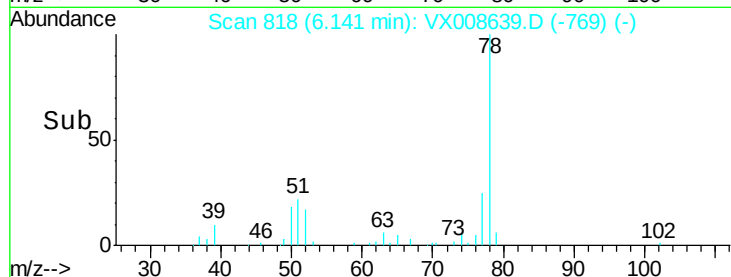
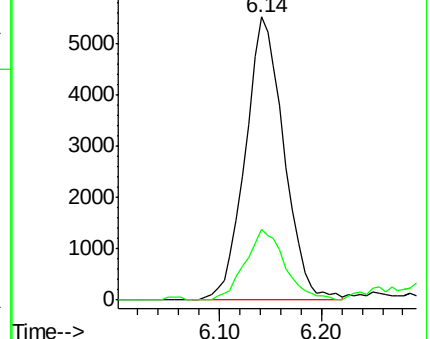
78 100

77 25.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 0.529 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

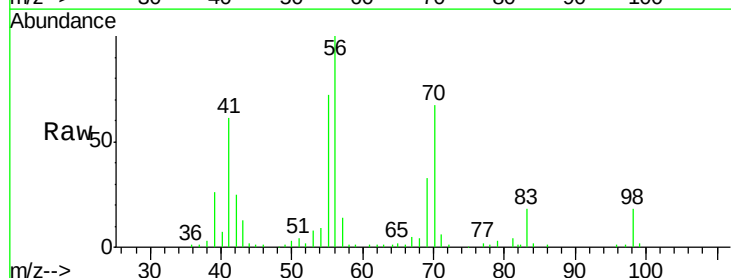
Tgt Ion: 43 Resp: 4362

Ion Ratio Lower Upper

43 100

61 2.8 15.3 22.9#

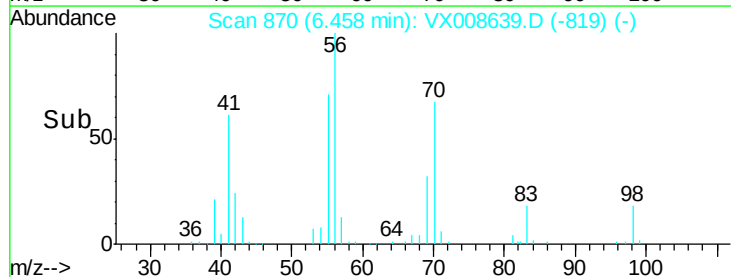
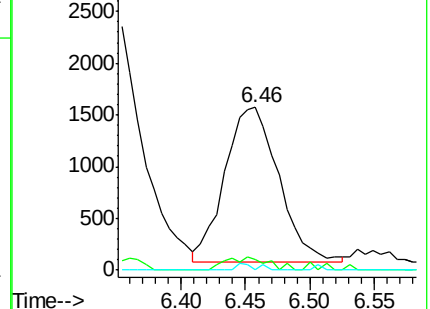
87 1.4 9.0 13.6#

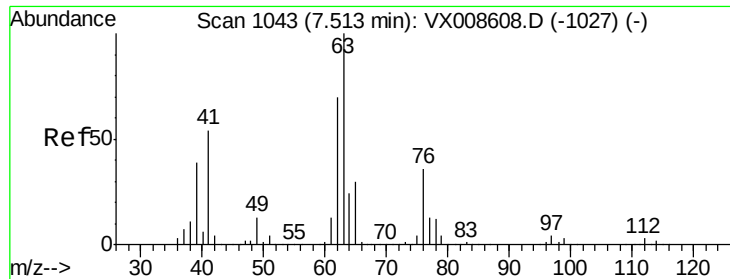


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#45

1,2-Dichloropropane

Concen: 0.570 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

Instrument :

MSVOA_X

ClientSampled :

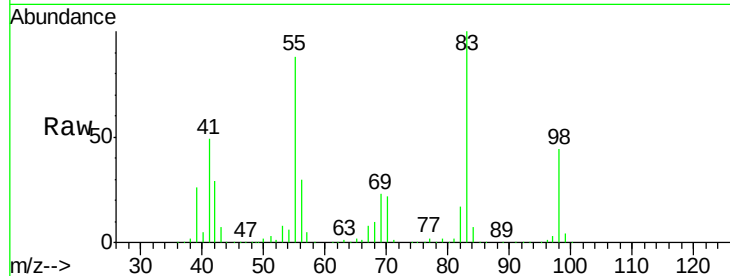
MW-7

Tgt Ion: 63 Resp: 1914

Ion Ratio Lower Upper

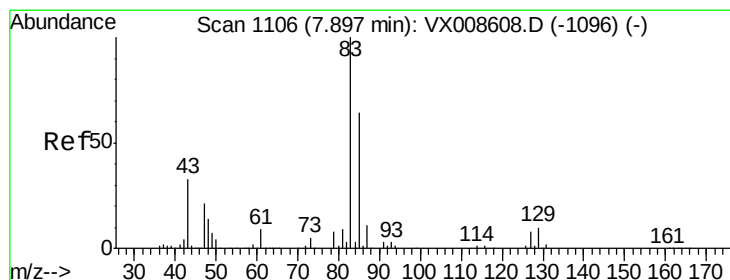
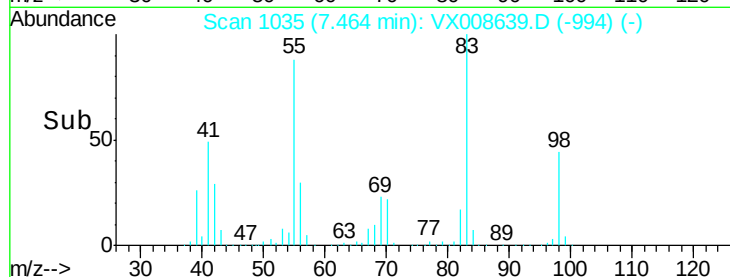
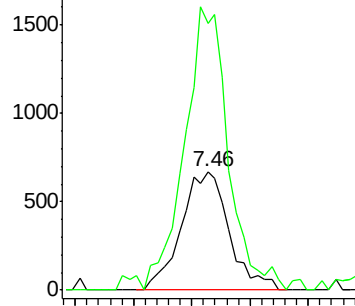
63 100

65 225.5 24.2 36.4#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#47

Bromodichloromethane

Concen: 0.204 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.05 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

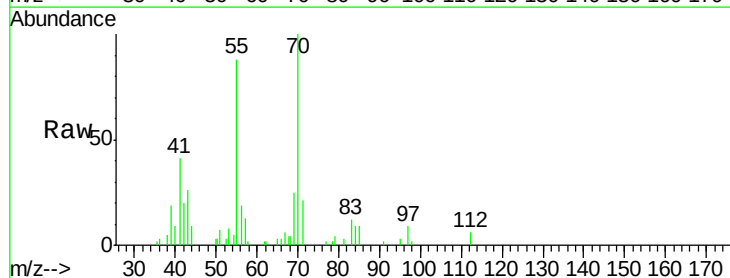
Tgt Ion: 83 Resp: 749

Ion Ratio Lower Upper

83 100

85 79.6 51.2 76.8#

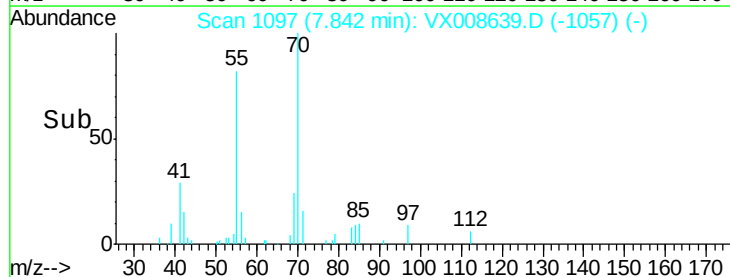
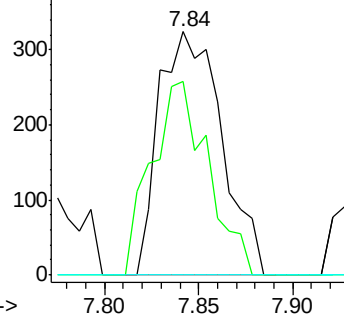
127 0.0 6.6 10.0#

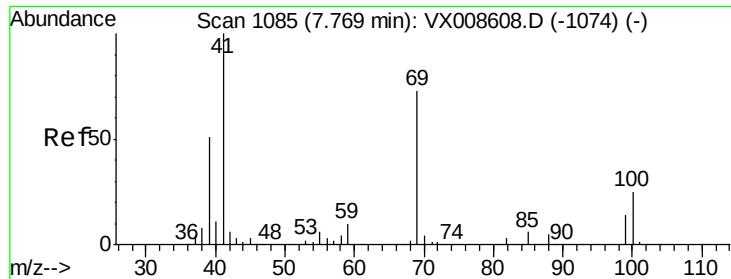


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#48

Methyl methacrylate

Concen: 2.342 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

MW-7

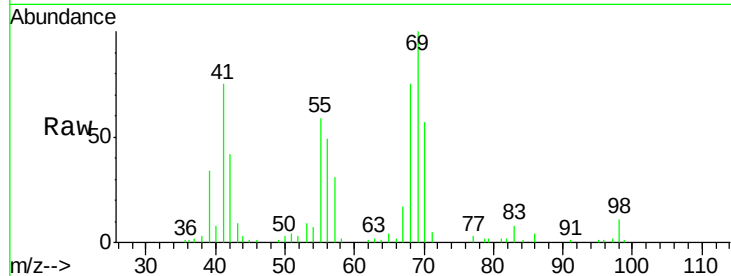
Tgt Ion: 41 Resp: 9774

Ion Ratio Lower Upper

41 100

69 140.0 59.0 88.4#

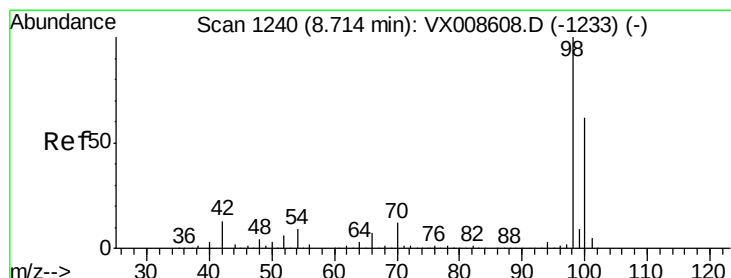
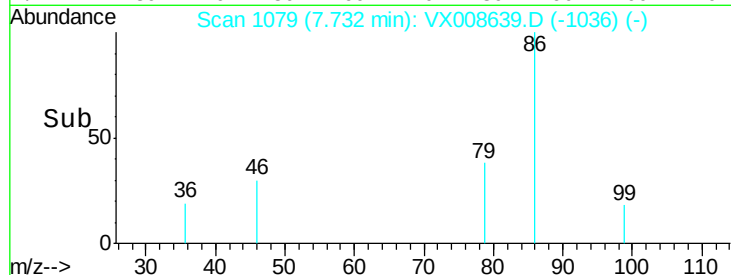
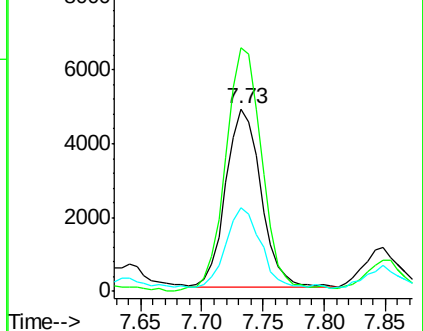
39 41.9 41.0 61.4



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



#50

Toluene-d8

Concen: 49.490 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008639.D

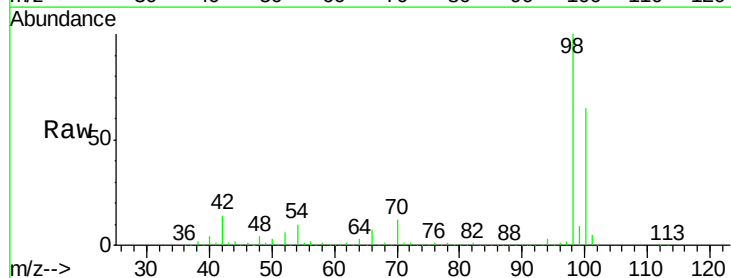
Acq: 04 Apr 2019 16:30

Tgt Ion: 98 Resp: 454841

Ion Ratio Lower Upper

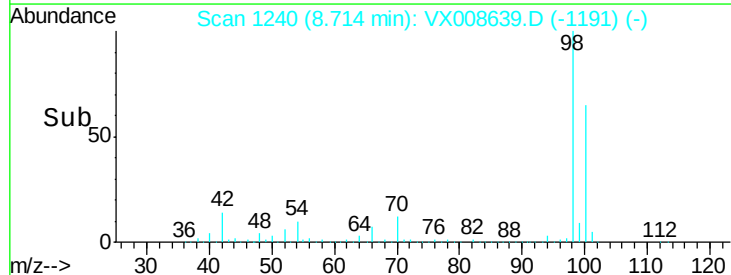
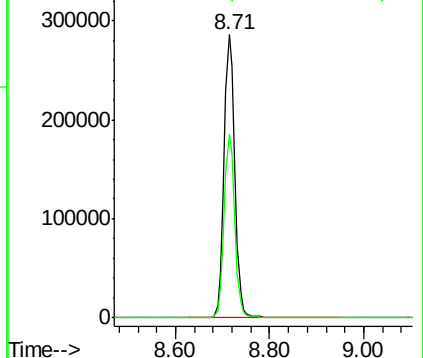
98 100

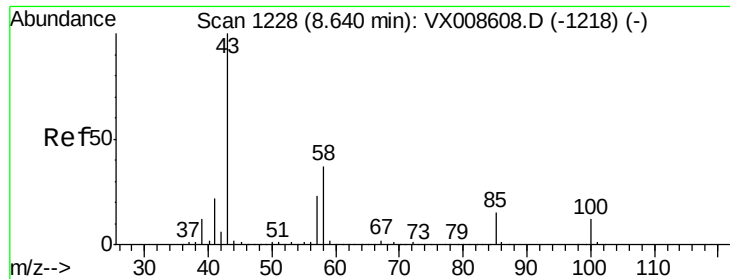
100 64.0 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 2.318 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

Instrument :

MSVOA_X

ClientSampled :

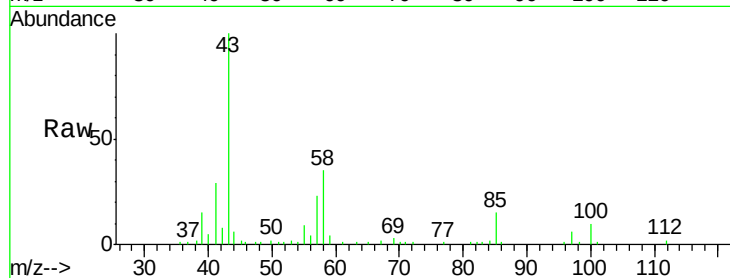
MW-7

Tgt Ion: 43 Resp: 12315

Ion Ratio Lower Upper

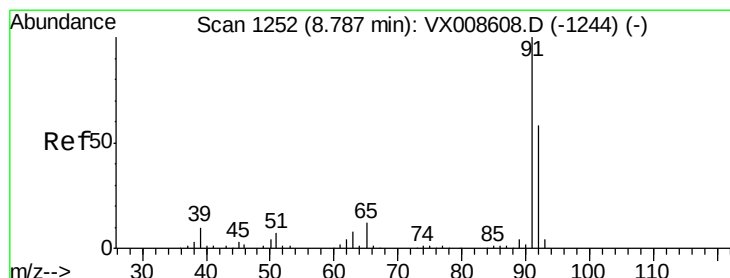
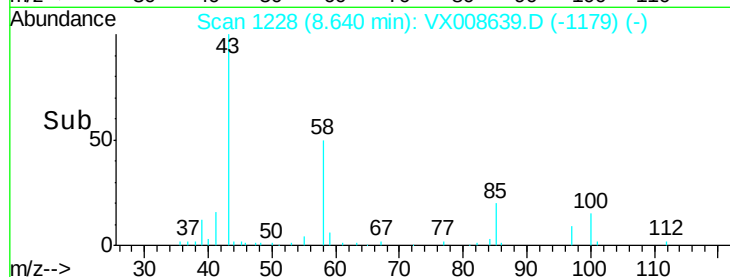
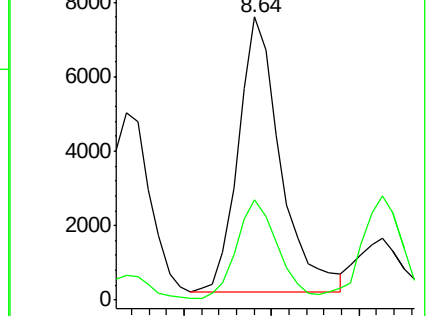
43 100

58 34.8 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 1.581 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008639.D

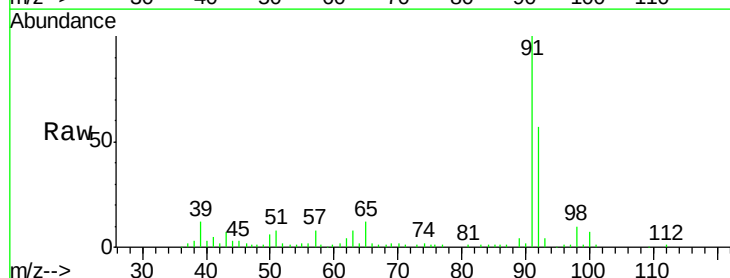
Acq: 04 Apr 2019 16:30

Tgt Ion: 92 Resp: 10958

Ion Ratio Lower Upper

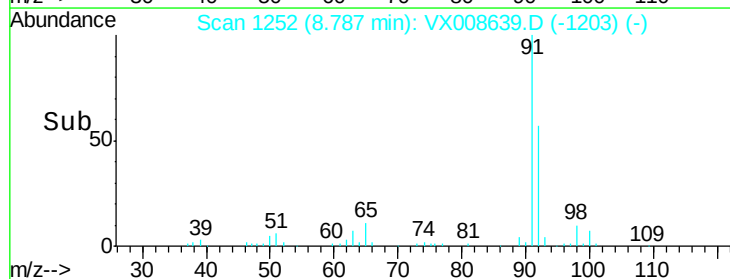
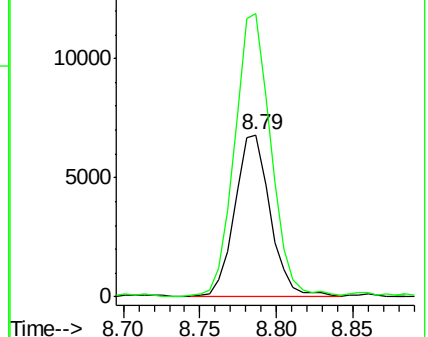
92 100

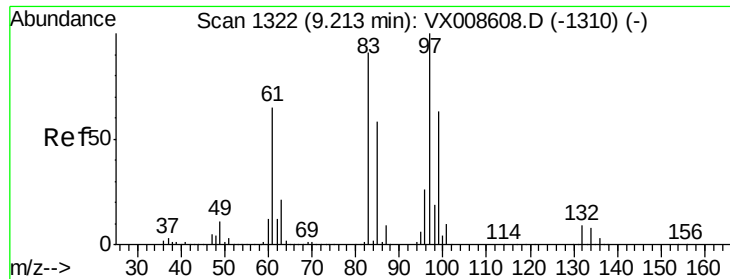
91 178.4 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

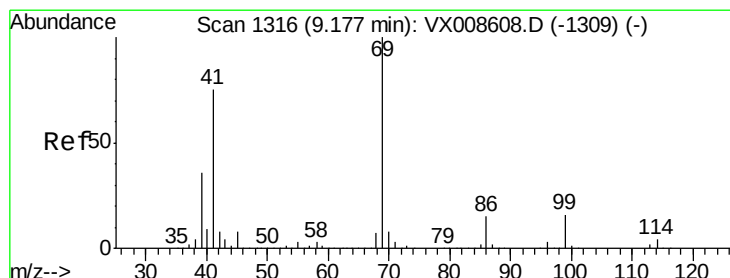
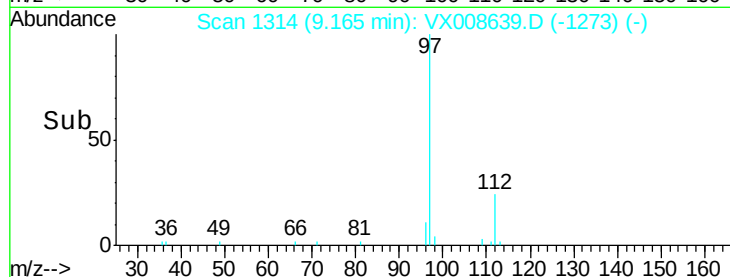
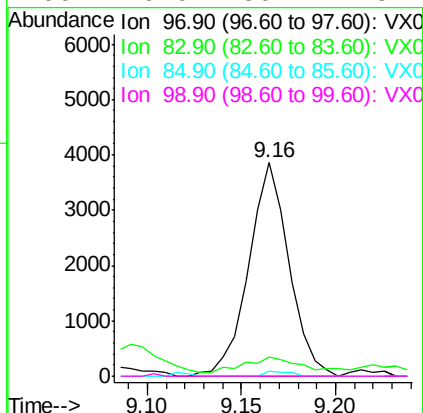
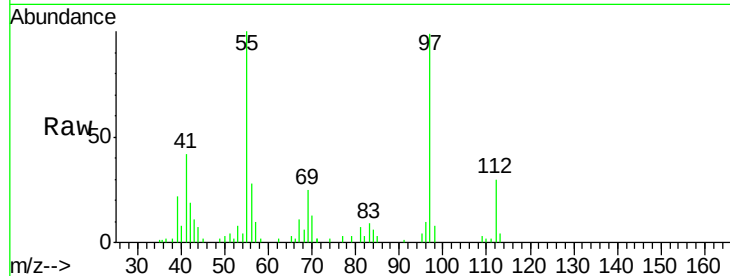




#55
 1,1,2-Trichloroethane
 Concen: 2.061 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

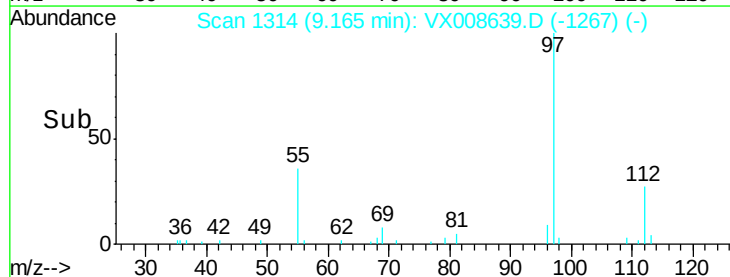
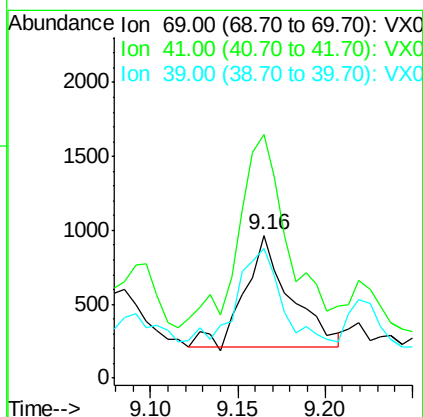
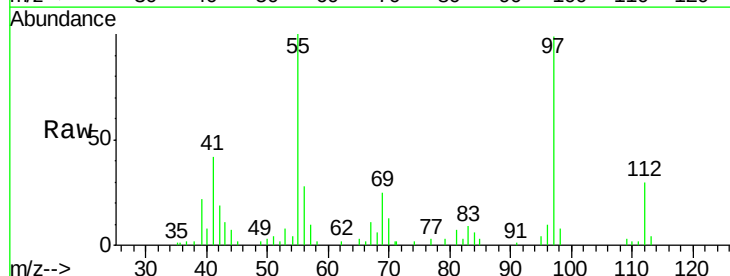
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

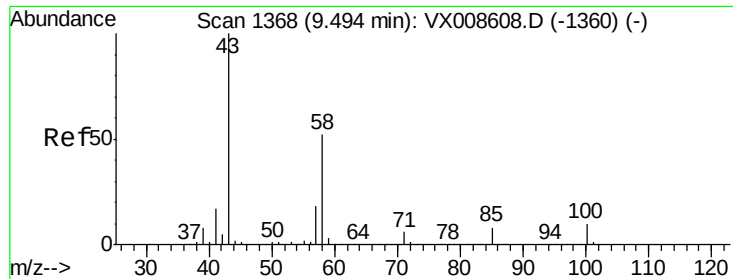
Tgt Ion: 97 Resp: 5735
 Ion Ratio Lower Upper
 97 100
 83 6.1 73.2 109.8#
 85 2.6 46.6 69.8#
 99 0.0 50.1 75.1#



#56
 Ethyl methacrylate
 Concen: 0.274 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

Tgt Ion: 69 Resp: 1377
 Ion Ratio Lower Upper
 69 100
 41 187.6 60.1 90.1#
 39 77.6 28.9 43.3#

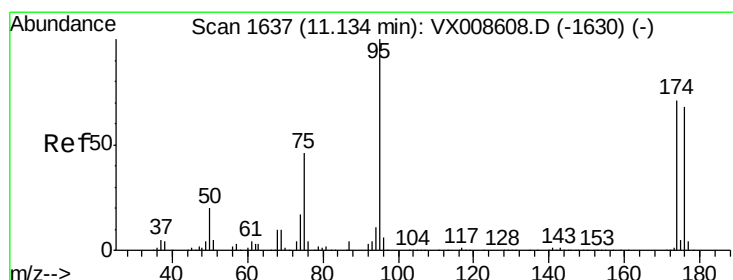
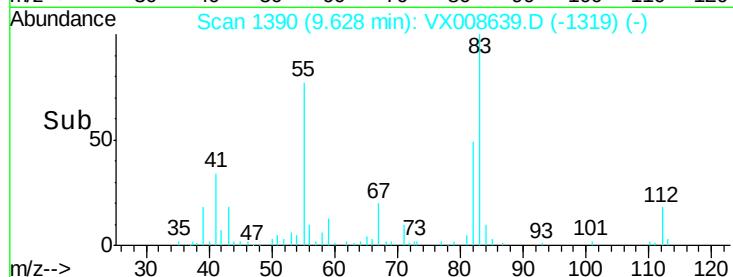
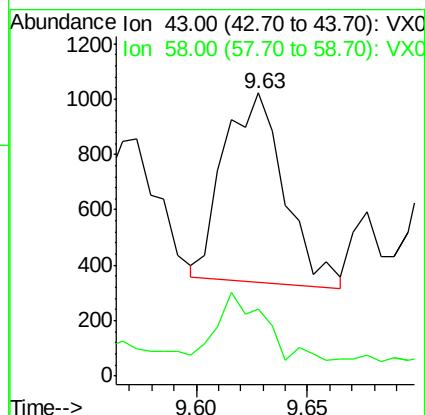
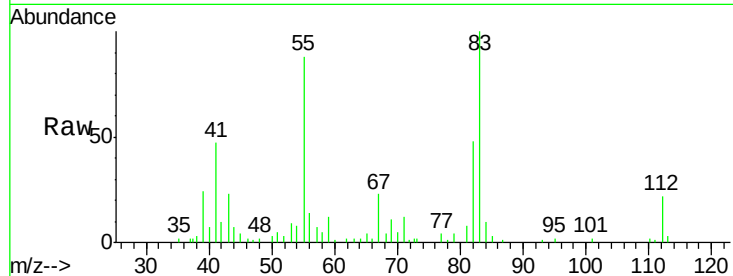




#59
2-Hexanone
Concen: 0.312 ug/l
RT: 9.63 min Scan# 1390
Delta R.T. 0.13 min
Lab File: VX008639.D
Acq: 04 Apr 2019 16:30

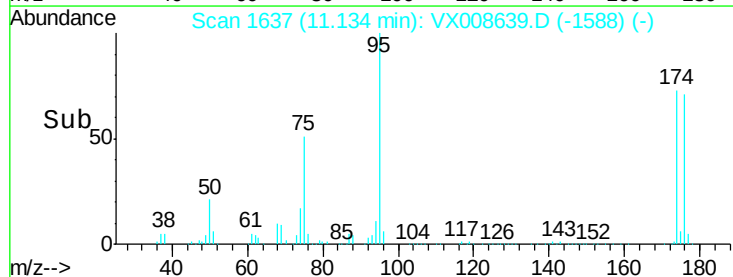
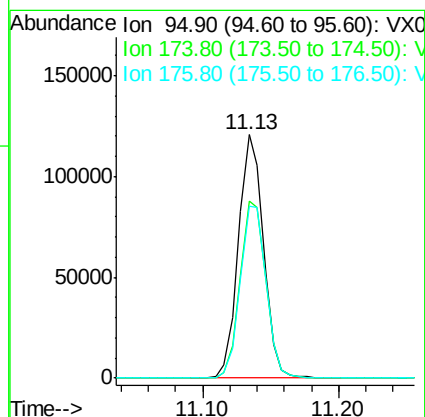
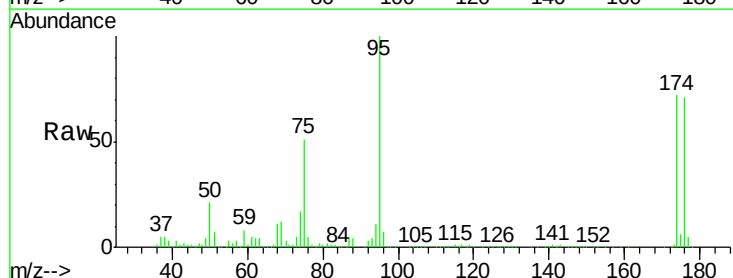
Instrument :
MSVOA_X
ClientSampled :
MW-7

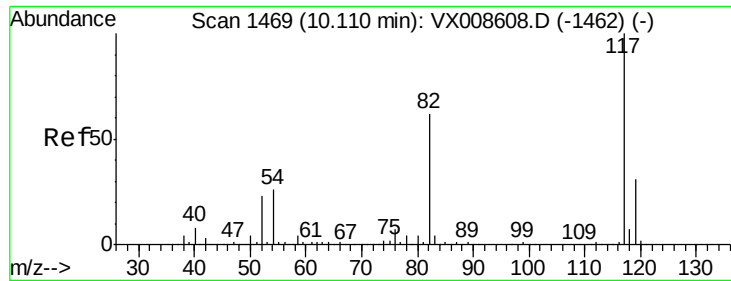
Tgt Ion: 43 Resp: 1289
Ion Ratio Lower Upper
43 100
58 29.7 25.9 77.7



#62
4-Bromofluorobenzene
Concen: 47.286 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008639.D
Acq: 04 Apr 2019 16:30

Tgt Ion: 95 Resp: 154112
Ion Ratio Lower Upper
95 100
174 74.9 0.0 151.8
176 73.4 0.0 145.8

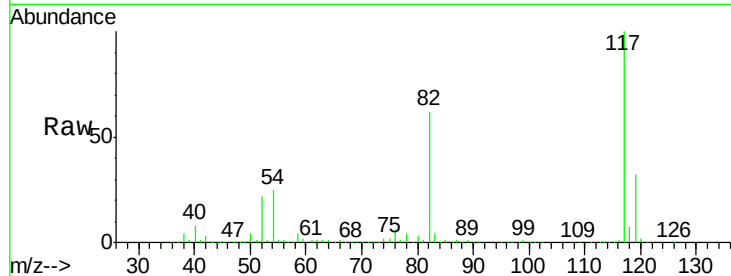




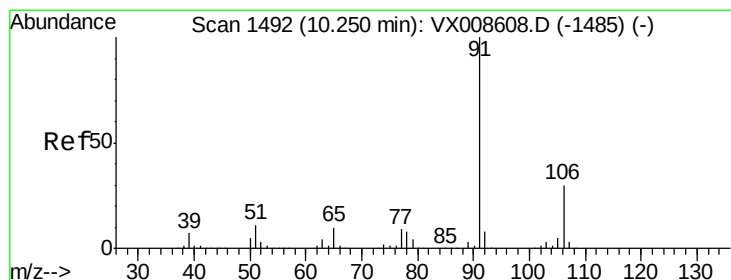
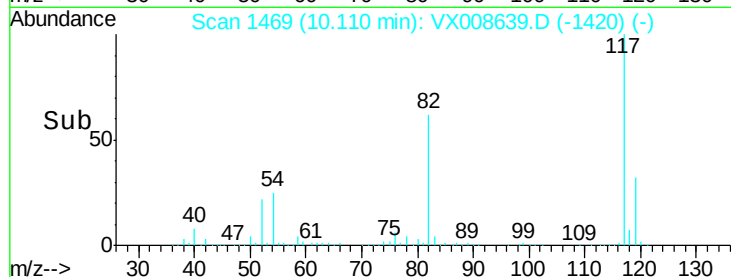
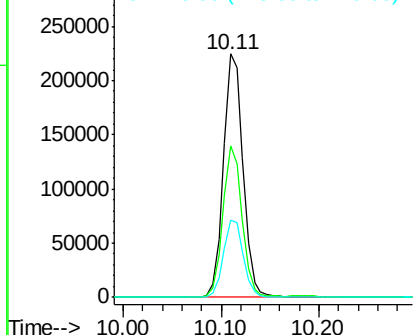
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008639.D
Acq: 04 Apr 2019 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion: 117 Resp: 312285
Ion Ratio Lower Upper
117 100
82 62.1 49.6 74.4
119 31.6 25.0 37.4

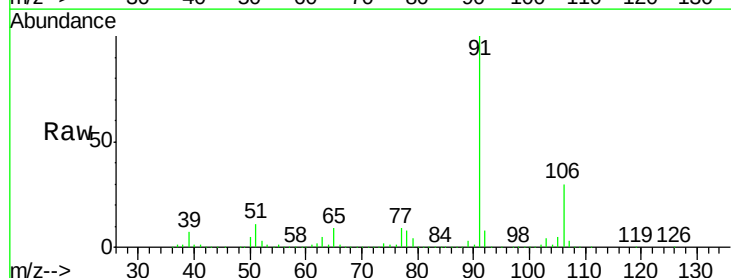


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

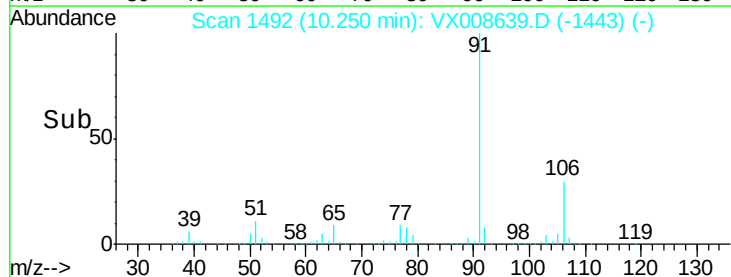
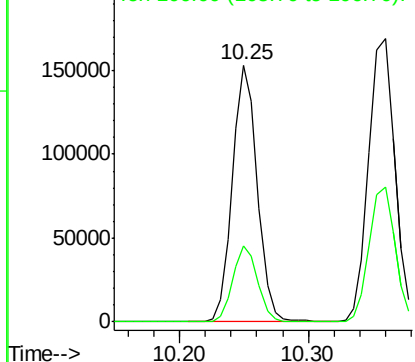


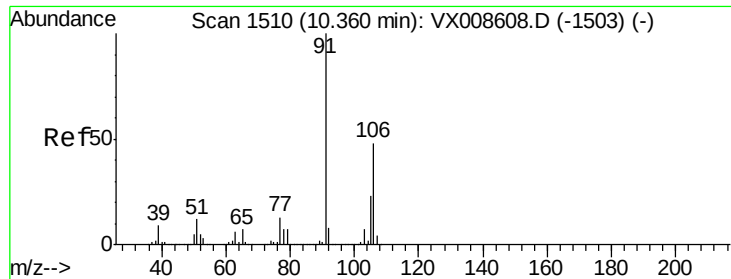
#67
Ethyl Benzene
Concen: 16.021 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008639.D
Acq: 04 Apr 2019 16:30

Tgt Ion: 91 Resp: 206796
Ion Ratio Lower Upper
91 100
106 29.6 23.7 35.5



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

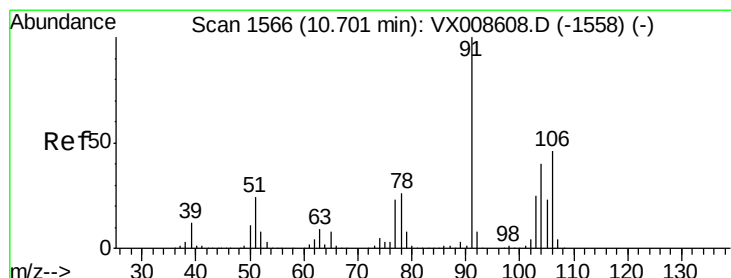
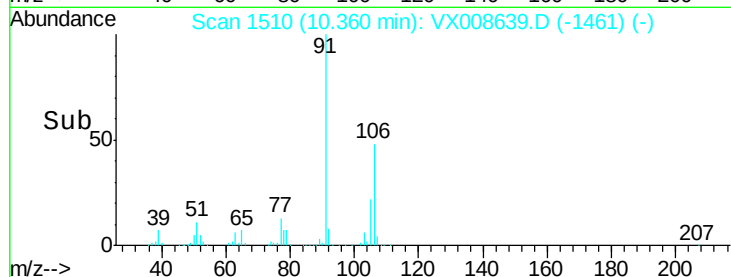
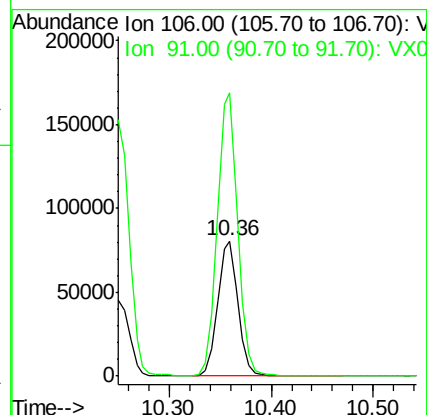
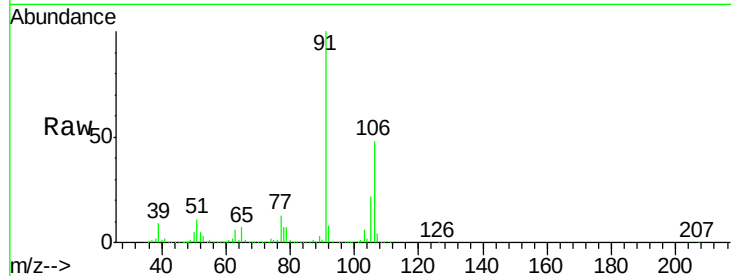




#68
m/p-Xylenes
Concen: 24.392 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008639.D
Acq: 04 Apr 2019 16:30

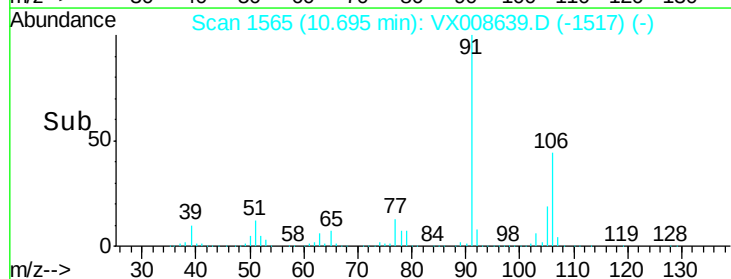
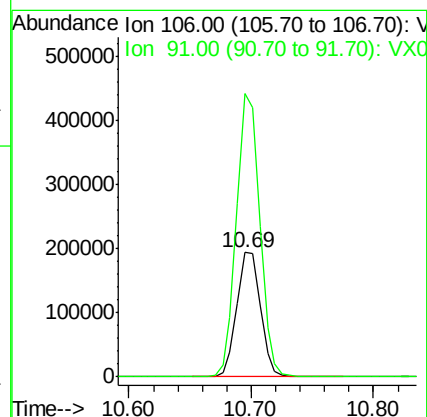
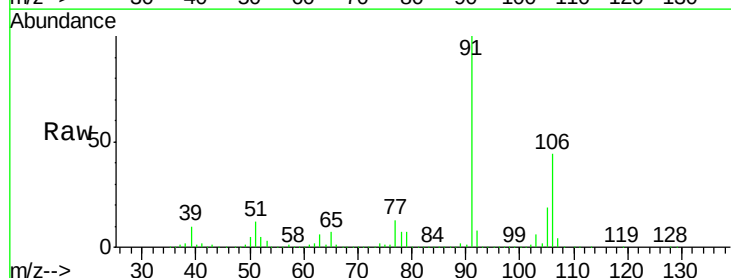
Instrument :
MSVOA_X
ClientSampleId :
MW-7

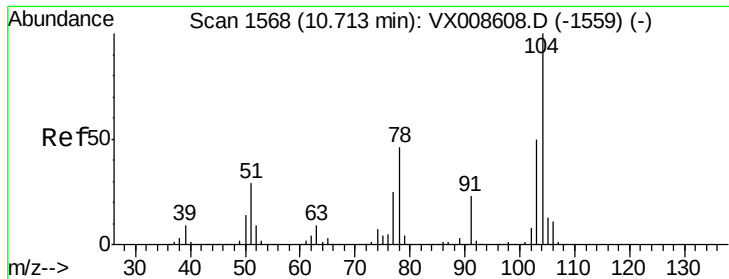
Tgt Ion:106 Resp: 113207
Ion Ratio Lower Upper
106 100
91 210.5 168.5 252.7



#69
o-Xylene
Concen: 57.744 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008639.D
Acq: 04 Apr 2019 16:30

Tgt Ion:106 Resp: 259718
Ion Ratio Lower Upper
106 100
91 223.8 111.5 334.4





#70

Styrene

Concen: 1.751 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

MW-7

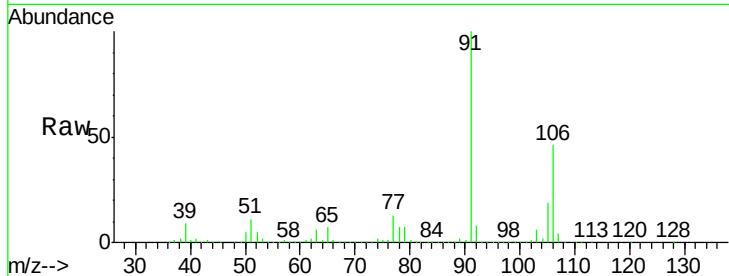
Tgt Ion:104 Resp: 13578

Ion Ratio Lower Upper

104 100

78 297.8 42.3 63.5#

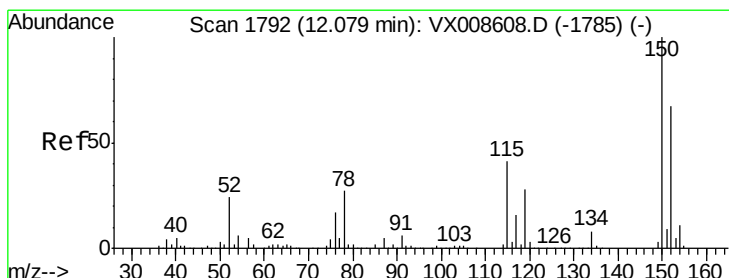
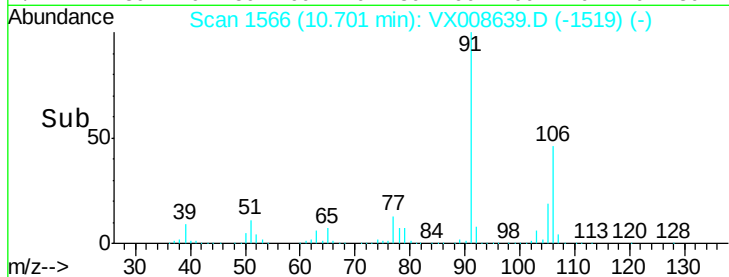
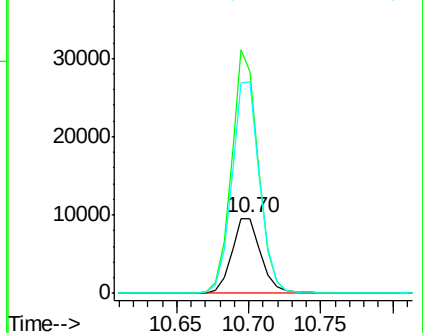
103 270.1 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): 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: VX008639.D

Acq: 04 Apr 2019 16:30

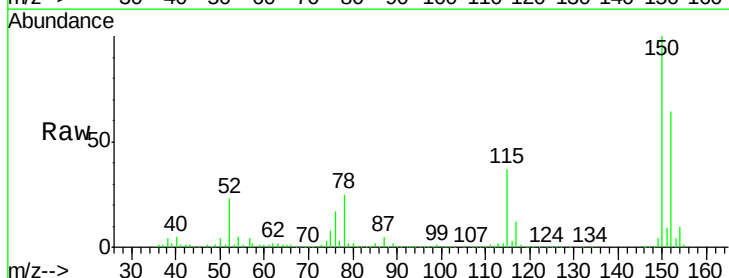
Tgt Ion:152 Resp: 131577

Ion Ratio Lower Upper

152 100

115 60.9 43.5 130.5

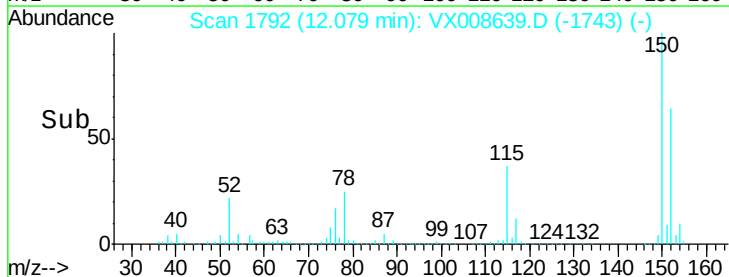
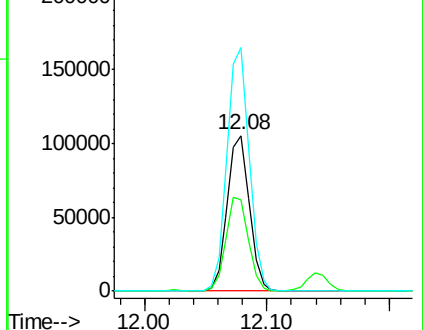
150 156.8 0.0 348.8

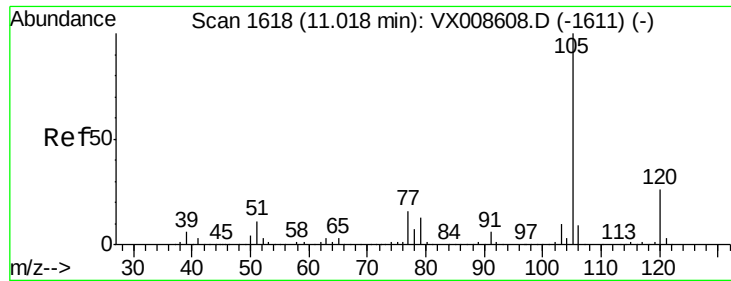


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.814 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

Instrument :

MSVOA_X

ClientSampled :

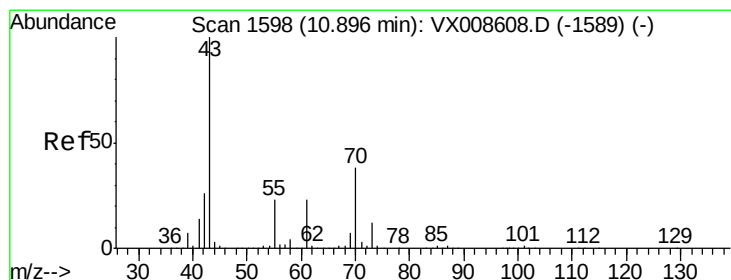
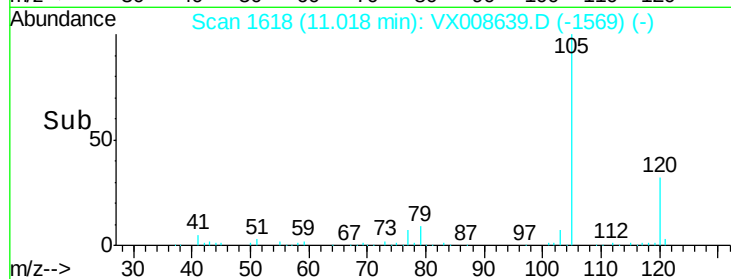
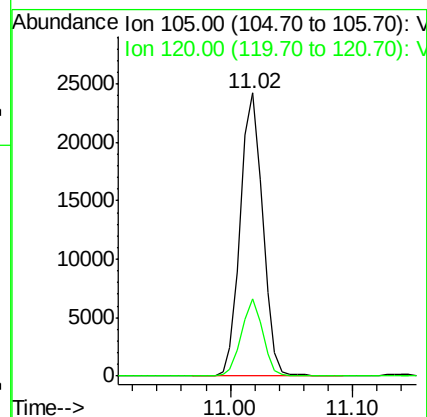
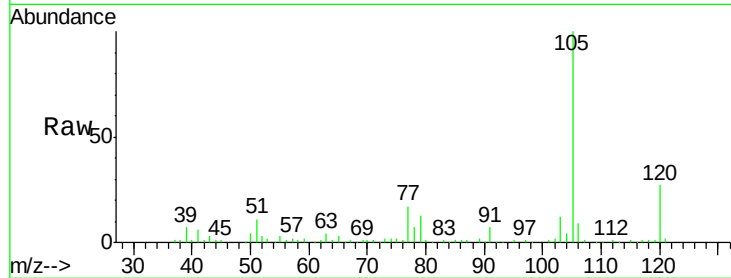
MW-7

Tgt Ion: 105 Resp: 30686

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.6



#74

N-ethyl acetate

Concen: 0.241 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

Tgt Ion: 43 Resp: 1547

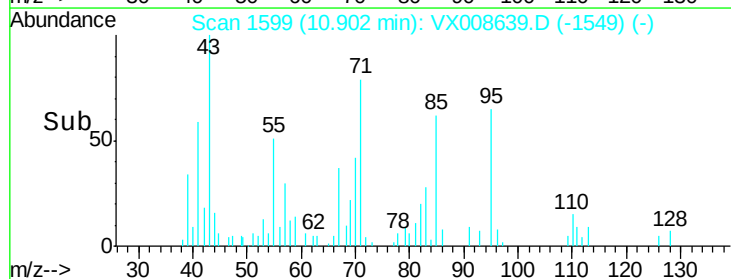
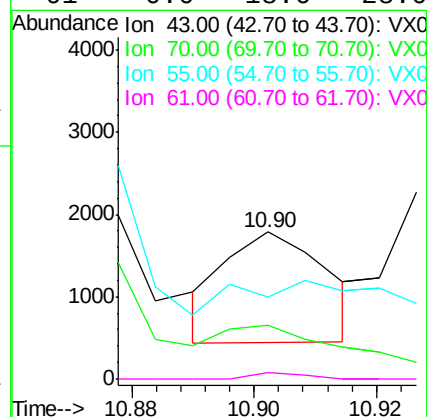
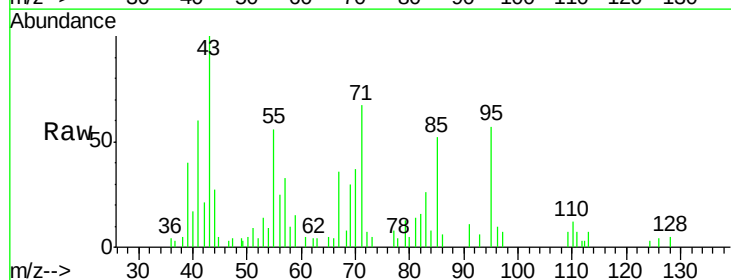
Ion Ratio Lower Upper

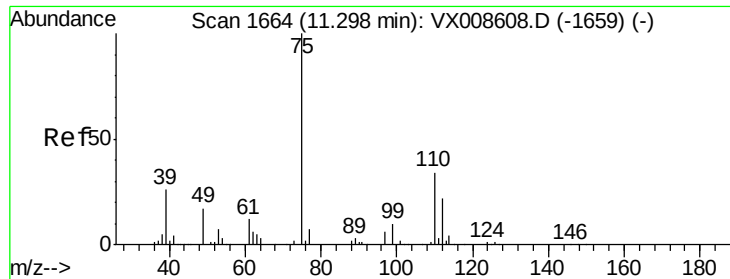
43 100

70 36.5 30.2 45.4

55 0.0 18.2 27.4#

61 0.0 18.6 28.0#

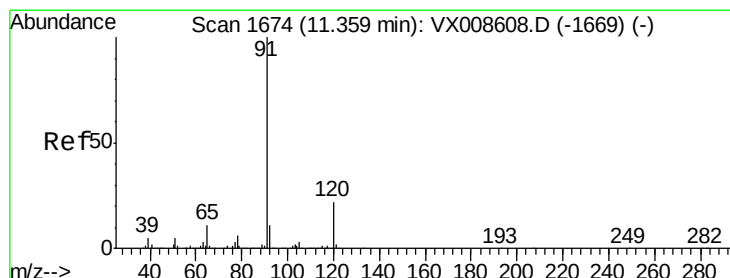
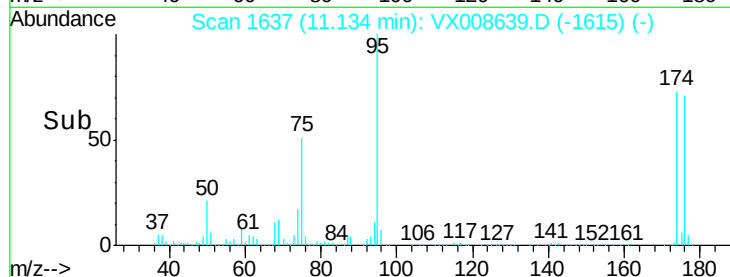
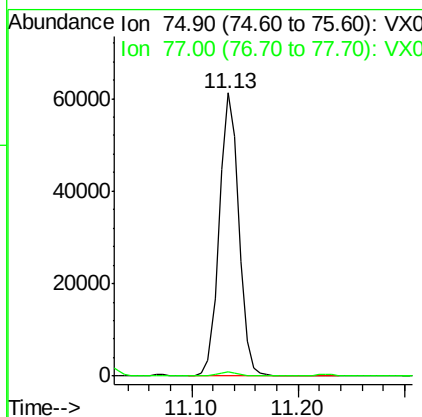
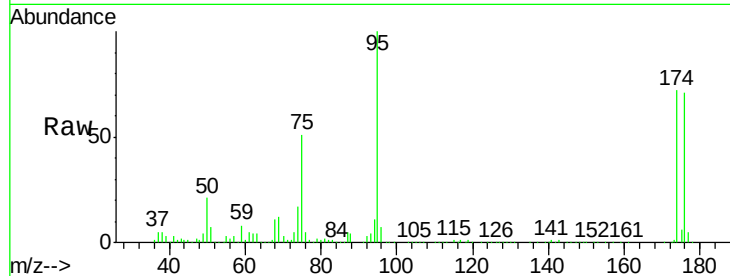




#76
 1,2,3-Trichloropropane
 Concen: 21.724 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

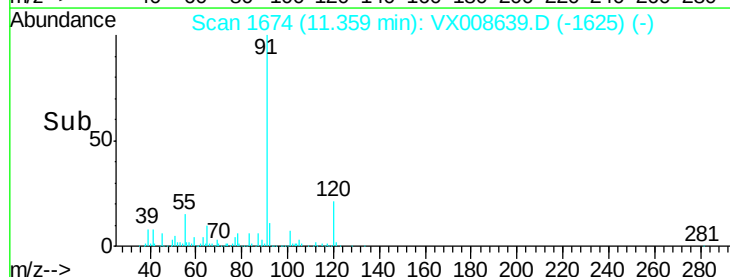
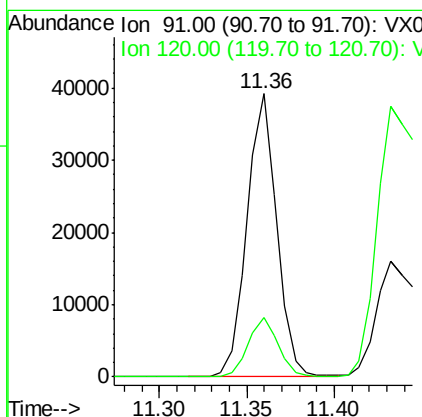
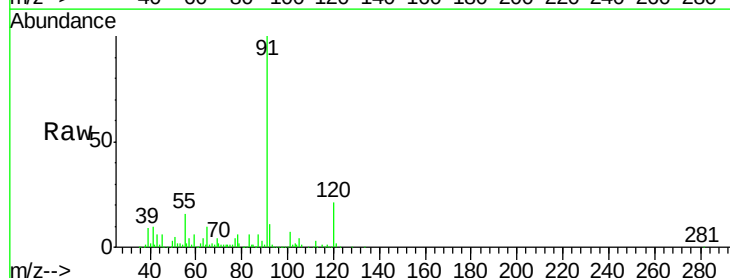
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

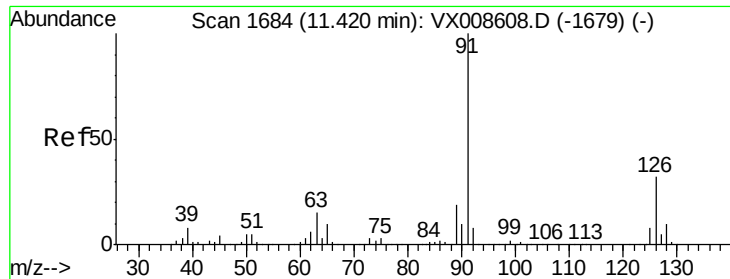
Tgt Ion: 75 Resp: 78523
 Ion Ratio Lower Upper
 75 100
 77 1.7 22.3 66.8#



#78
 n-propylbenzene
 Concen: 3.663 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

Tgt Ion: 91 Resp: 46504
 Ion Ratio Lower Upper
 91 100
 120 21.0 10.9 32.7

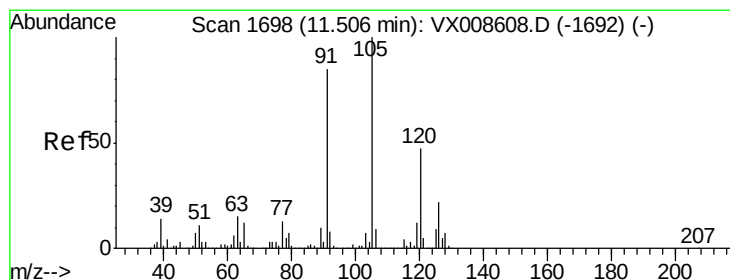
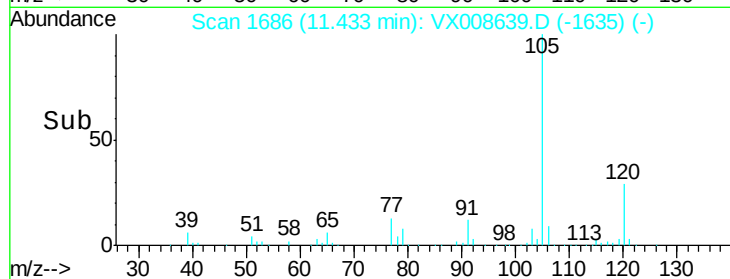
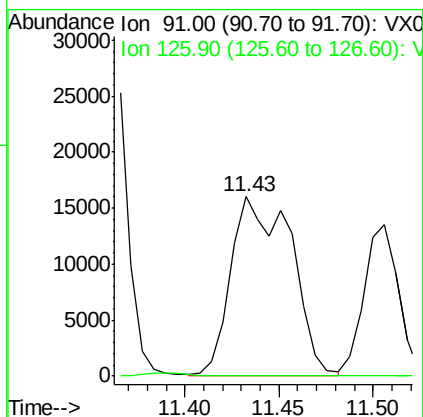
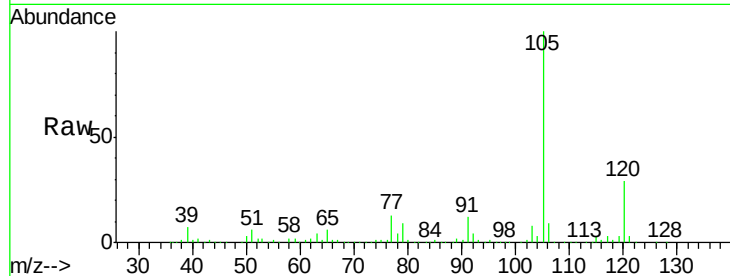




#79
 2-Chlorotoluene
 Concen: 4.631 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

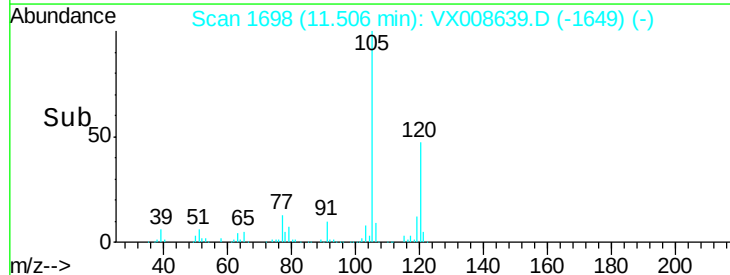
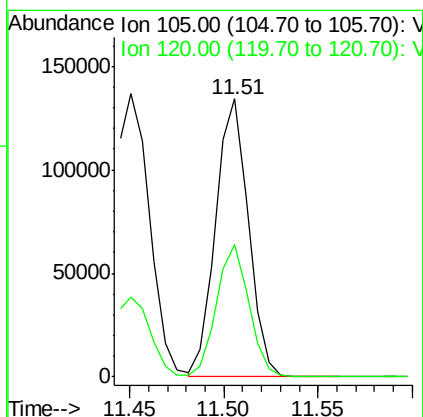
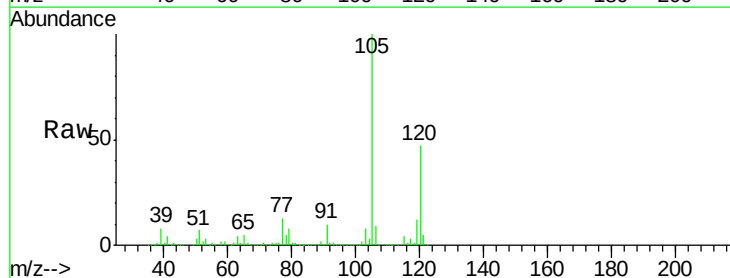
Instrument :
 MSVOA_X
 ClientSampled :
 MW-7

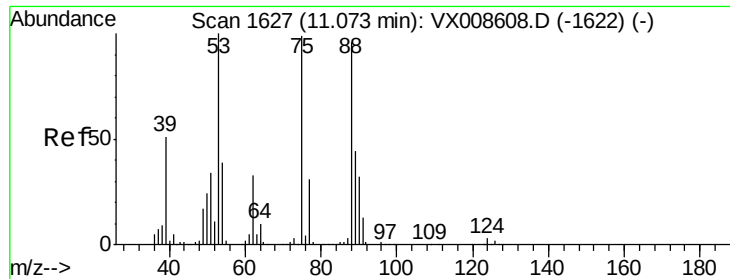
Tgt Ion: 91 Resp: 35579
 Ion Ratio Lower Upper
 91 100
 126 0.1 16.1 48.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 17.692 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

Tgt Ion: 105 Resp: 161934
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 59.884 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

MW-7

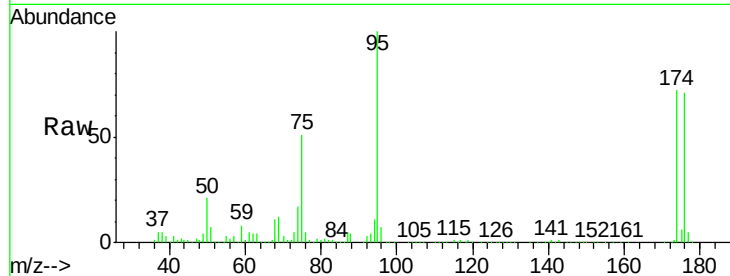
Tgt Ion: 75 Resp: 78523

Ion Ratio Lower Upper

75 100

53 1.2 81.3 121.9#

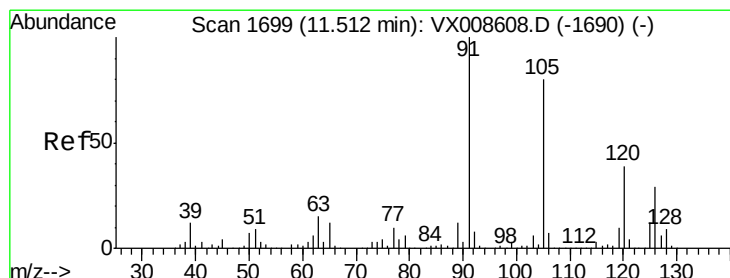
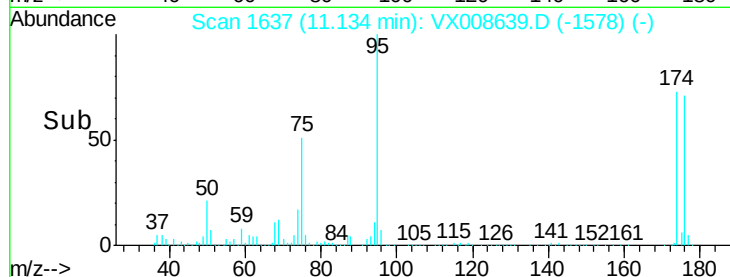
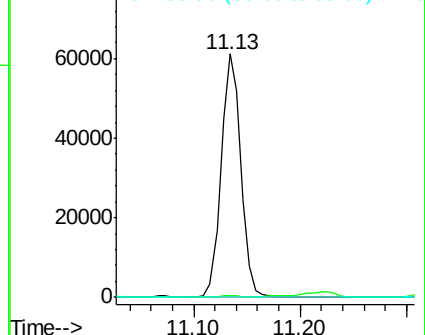
89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.944 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008639.D

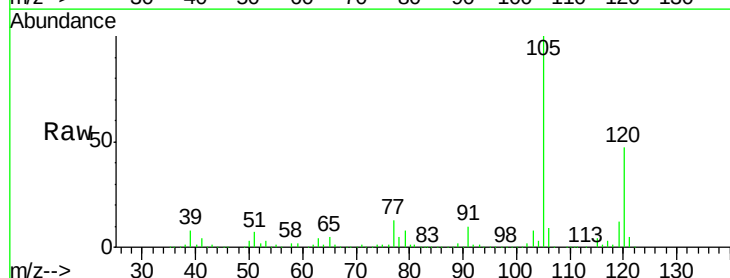
Acq: 04 Apr 2019 16:30

Tgt Ion: 91 Resp: 17290

Ion Ratio Lower Upper

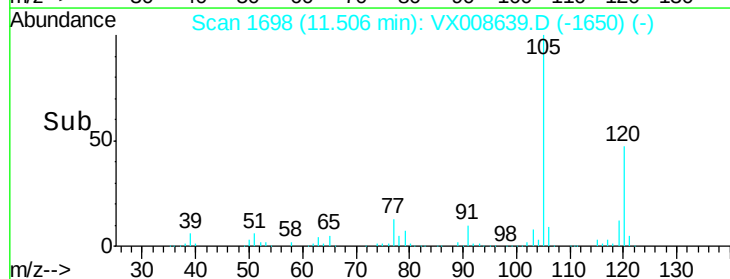
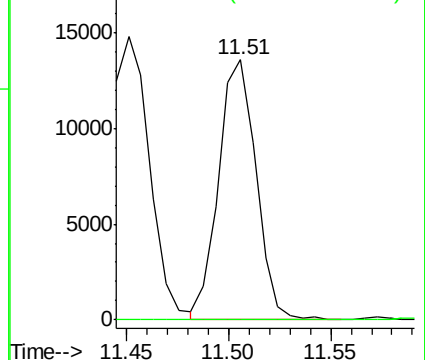
91 100

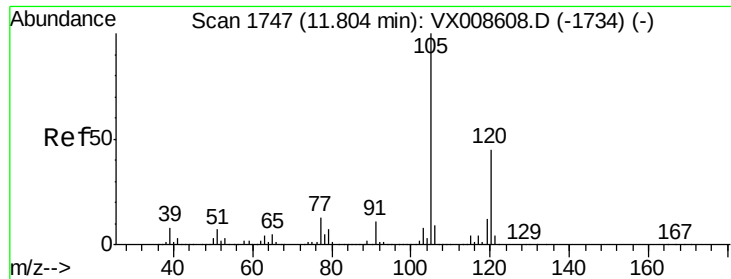
126 0.0 13.9 41.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

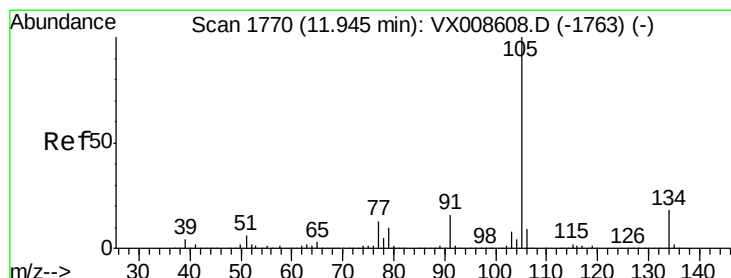
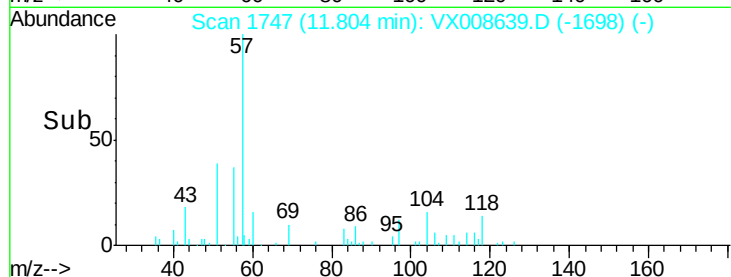
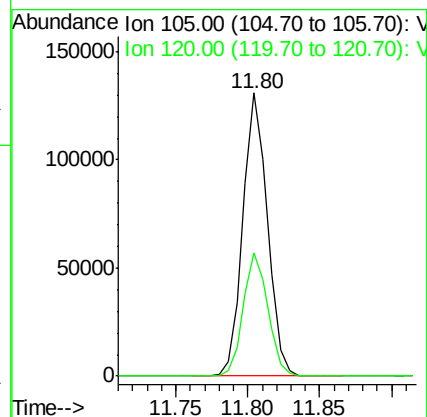
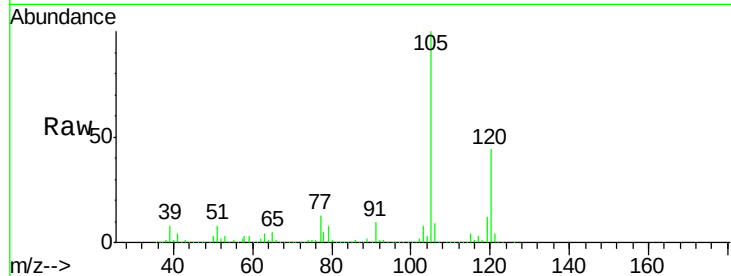




#84
 1,2,4-Trimethylbenzene
 Concen: 16.669 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

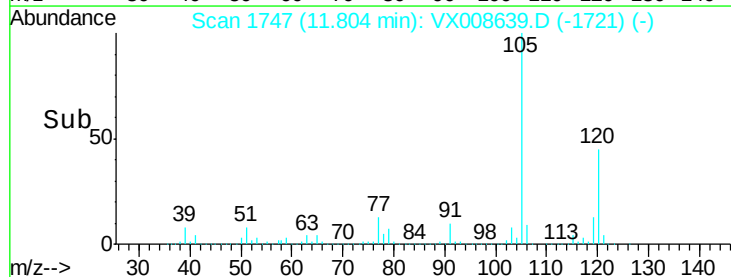
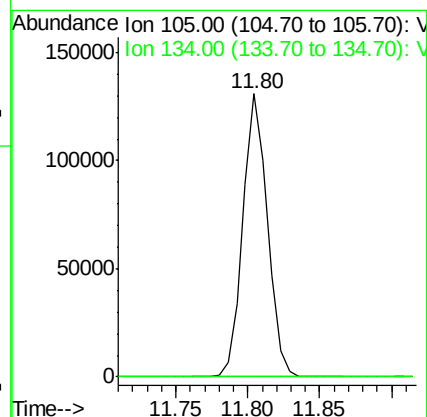
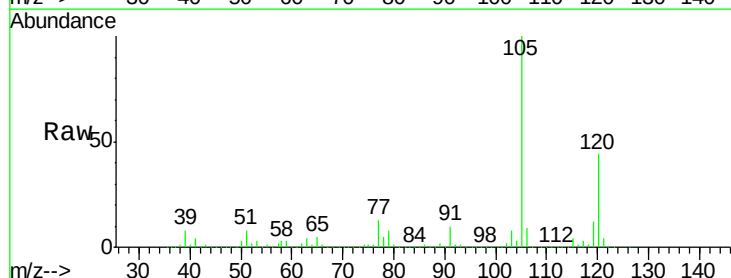
Instrument :
 MSVOA_X
 ClientSampled :
 MW-7

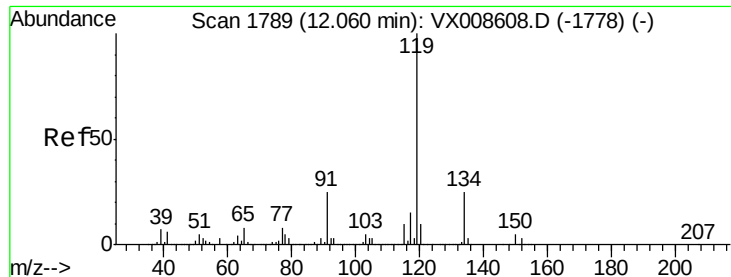
Tgt Ion:105 Resp: 154491
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 14.764 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

Tgt Ion:105 Resp: 154426
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.2#

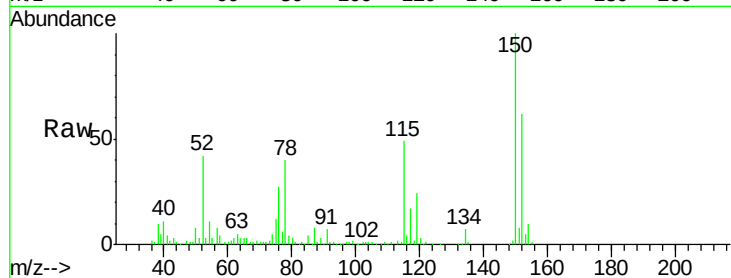




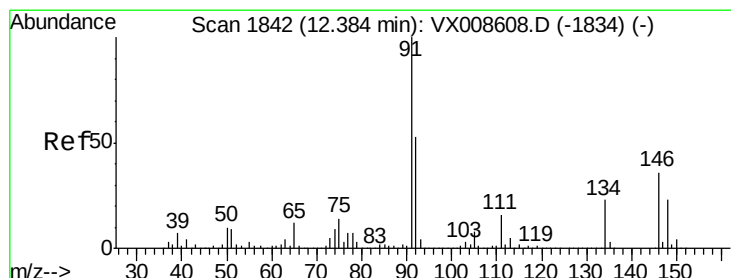
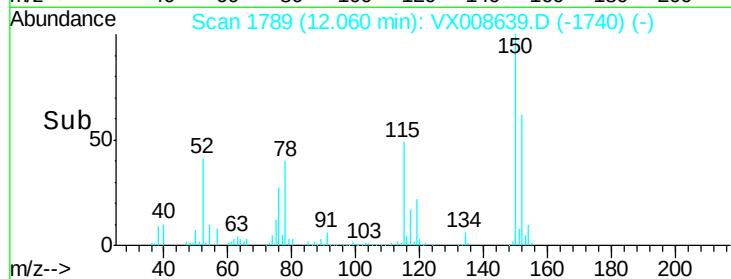
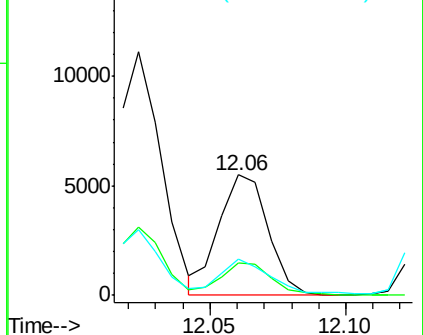
#86
p-Isopropyltoluene
Concen: 0.737 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008639.D
Acq: 04 Apr 2019 16:30

Instrument :
MSVOA_X
ClientSampled :
MW-7

Tgt Ion: 119 Resp: 6915
Ion Ratio Lower Upper
119 100
134 28.1 12.8 38.4
91 27.9 12.2 36.6

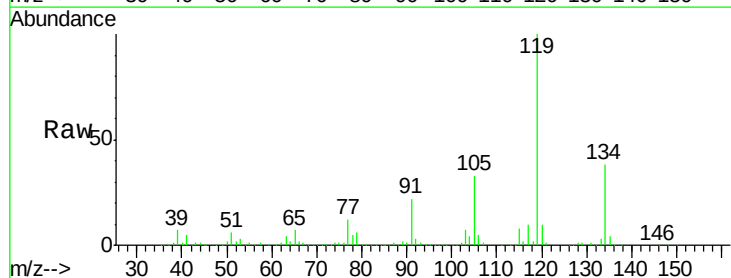


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

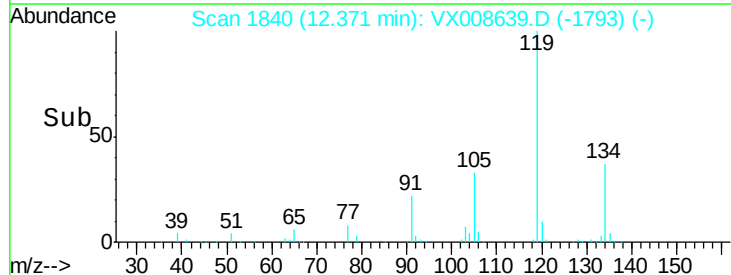
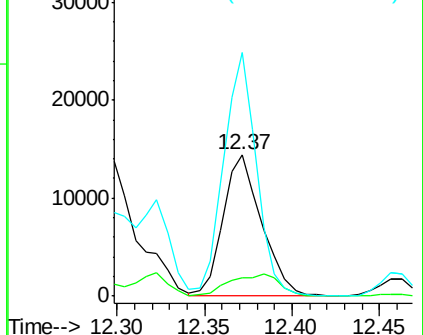


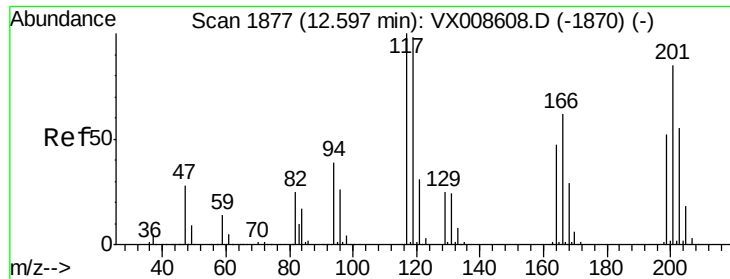
#89
n-Butylbenzene
Concen: 2.477 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX008639.D
Acq: 04 Apr 2019 16:30

Tgt Ion: 91 Resp: 21805
Ion Ratio Lower Upper
91 100
92 20.4 26.4 79.2#
134 148.6 12.0 36.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 1.165 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

Instrument :

MSVOA_X

ClientSampled :

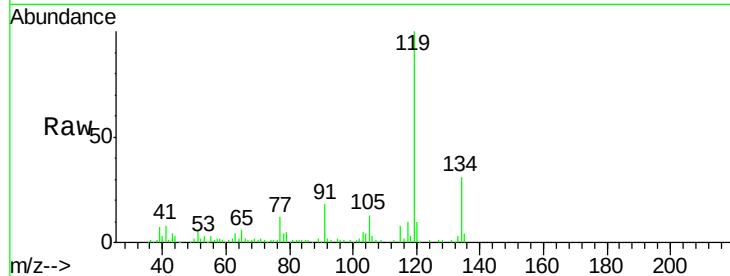
MW-7

Tgt Ion:117 Resp: 1814

Ion Ratio Lower Upper

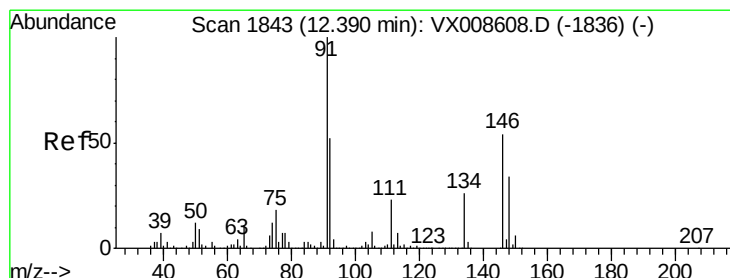
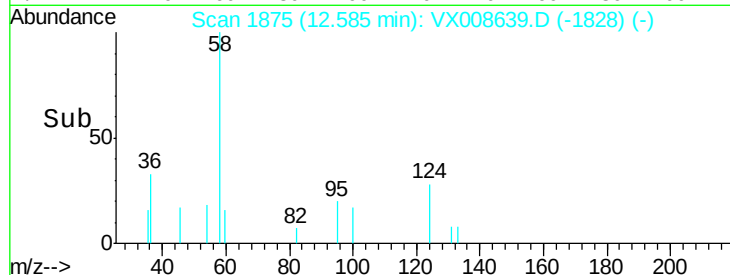
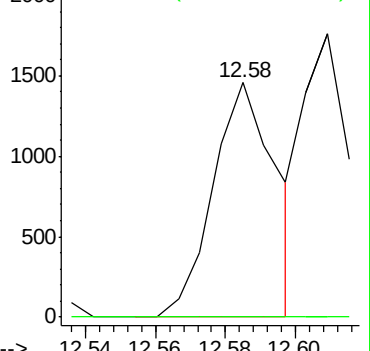
117 100

201 0.0 40.6 122.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.311 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008639.D

Acq: 04 Apr 2019 16:30

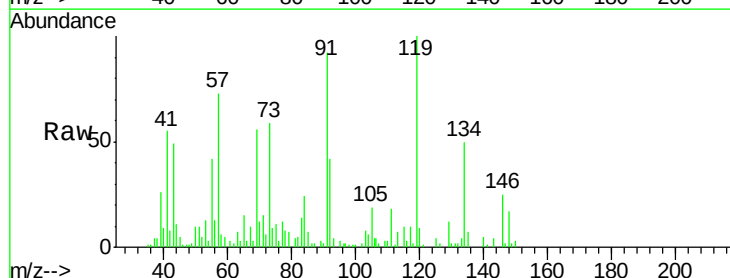
Tgt Ion:146 Resp: 1447

Ion Ratio Lower Upper

146 100

111 88.5 21.3 63.9#

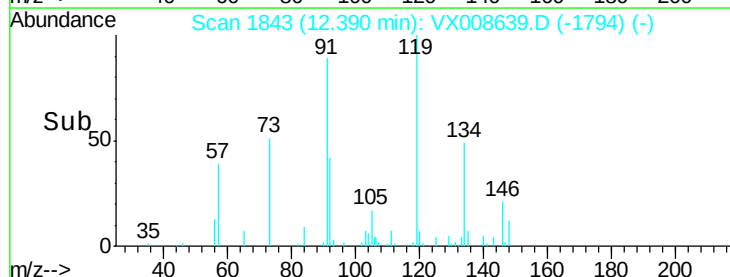
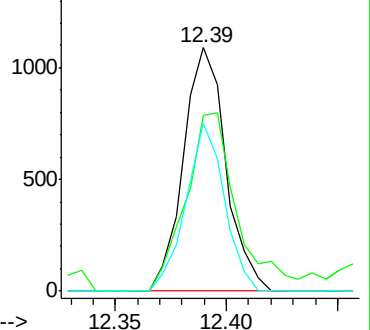
148 62.8 31.7 95.1

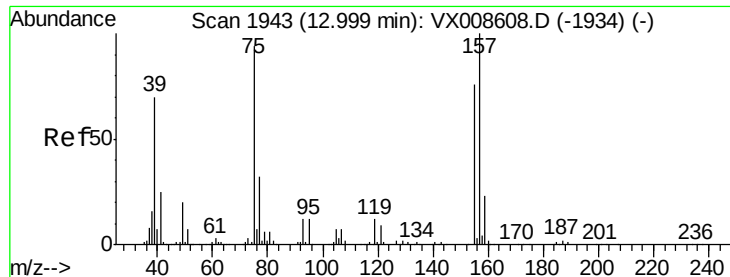


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

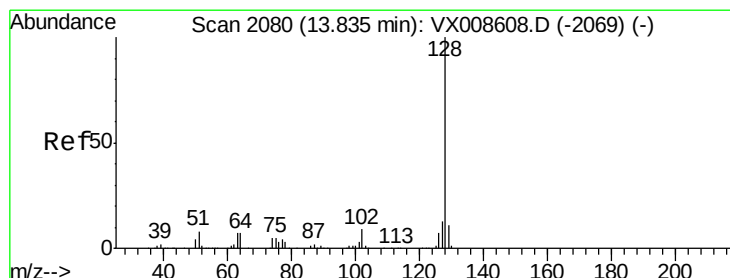
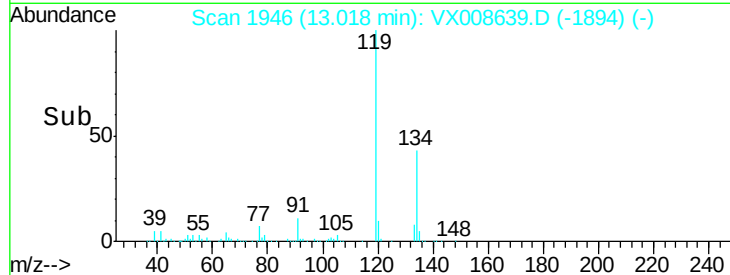
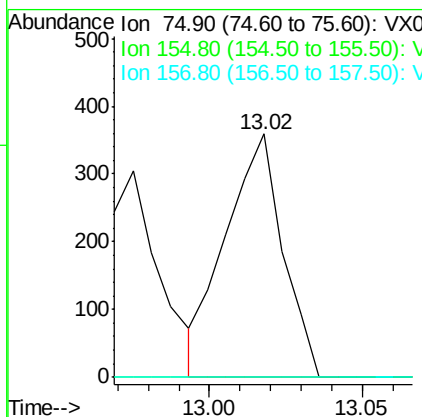
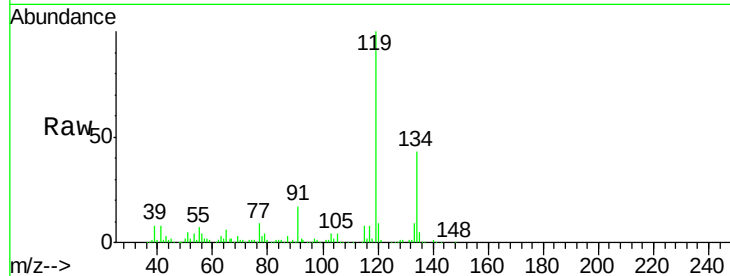




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.510 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

Instrument :
 MSVOA_X
 ClientSampled :
 MW-7

Tgt Ion: 75 Resp: 465
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.9 119.6#
 157 0.0 51.5 154.7#



#95
 Naphthalene
 Concen: 3.426 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX008639.D
 Acq: 04 Apr 2019 16:30

Tgt Ion: 128 Resp: 37095
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.4 15.6
 129 12.7 8.6 13.0

