

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010720\
 Data File : VX014457.D
 Acq On : 07 Jan 2020 18:54
 Operator : JC/SP
 Sample : K6347-03DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Jan 08 01:34:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	557874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	843867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	778984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	405740	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	296178	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	5.49	113	246831	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	8.71	98	1010850	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.13	95	366842	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	488	0.323	ug/l #	68
3) Chloromethane	1.30	50	9085	1.278	ug/l #	60
6) Chloroethane	1.72	64	548	Below Cal	#	43
10) Methyl Iodide	2.51	142	1414	0.216	ug/l #	60
11) Tert butyl alcohol	3.01	59	3659	2.814	ug/l #	72
13) Acrolein	2.21	56	15078	14.467	ug/l #	1
14) Allyl chloride	2.81	41	73003	7.547	ug/l #	20
15) Acrylonitrile	3.17	53	4584	1.461	ug/l #	48
16) Acetone	2.43	43	17447	1.433	ug/l	95
17) Carbon Disulfide	2.57	76	4876	0.317	ug/l #	91
18) Methyl Acetate	2.76	43	13766	1.538	ug/l #	55
20) Methylene Chloride	2.86	84	3257	0.520	ug/l #	82
25) 2-Butanone	4.67	43	15130	3.252	ug/l	93
29) Tetrahydrofuran	5.11	42	753	0.274	ug/l #	50
31) Cyclohexane	5.58	56	366404	38.492	ug/l	100
36) 1,1-Dichloropropene	5.65	75	35396	4.460	ug/l #	51
37) Ethyl Acetate	4.67	43	15130	1.755	ug/l #	73
38) Carbon Tetrachloride	5.66	117	48001	6.573	ug/l #	17
39) Methylcyclohexane	7.46	83	128122	12.851	ug/l	98
40) Benzene	6.14	78	7821106	332.060	ug/l	100
42) 1,2-Dichloroethane	6.14	62	67888	8.244	ug/l #	73
43) Isopropyl Acetate	6.45	43	2813	0.202	ug/l #	66
48) Methyl methacrylate	7.73	41	5604	0.840	ug/l #	38
49) 1,4-Dioxane	7.73	88	116	0.821	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	20923	2.466	ug/l	98
52) Toluene	8.78	92	8489699	563.073	ug/l	91
53) t-1,3-Dichloropropene	8.78	75	95468	10.752	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	2471	0.408	ug/l #	16
56) Ethyl methacrylate	9.06	69	9392	1.012	ug/l	98
59) 2-Hexanone	9.61	43	15198	2.264	ug/l	70
61) 1,2-Dibromoethane	9.67	107	8296	1.293	ug/l	100
67) Ethyl Benzene	10.25	91	2749905	95.436	ug/l	100
68) m/p-Xylenes	10.36	106	2777699	249.876	ug/l	98
69) o-Xylene	10.70	106	1143355	107.799	ug/l	99

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

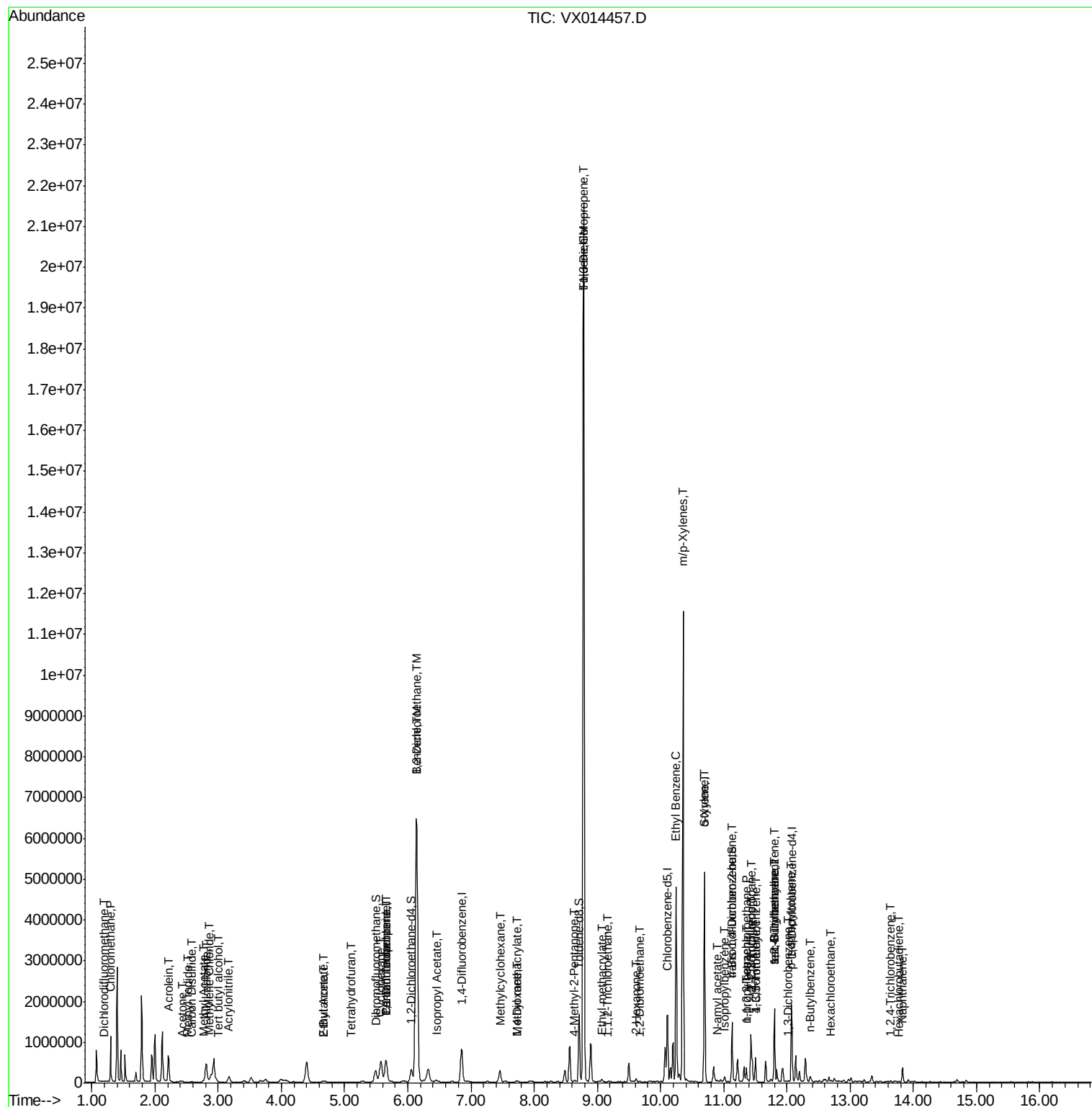
70) Styrene	10.70	104	58405	3.191	ug/l #	1
73) Isopropylbenzene	11.01	105	69245	2.430	ug/l	98
74) N-amyl acetate	10.89	43	4166	0.331	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	11.35	83	3551	0.389	ug/l	97
76) 1,2,3-Trichloropropane	11.43	75	7167	0.854	ug/l #	1
78) n-propylbenzene	11.35	91	181371	5.558	ug/l	98
79) 2-Chlorotoluene	11.43	91	94686	4.869	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.50	105	238832	10.097	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	176942	55.725	ug/l #	12
82) 4-Chlorotoluene	11.50	91	27492	1.204	ug/l #	52
83) tert-Butylbenzene	11.80	119	102031	4.565	ug/l #	66
84) 1,2,4-Trimethylbenzene	11.80	105	803882	33.632	ug/l	98
85) sec-Butylbenzene	11.80	105	803882	28.932	ug/l #	55
86) p-Isopropyltoluene	12.06	119	6767	0.262	ug/l #	84
87) 1,3-Dichlorobenzene	12.02	146	3199	0.226	ug/l	92
88) 1,4-Dichlorobenzene	12.02	146	3199	Below Cal		90
89) n-Butylbenzene	12.38	91	21975	0.932	ug/l #	34
90) Hexachloroethane	12.70	117	10325	2.280	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.64	180	4856	0.387	ug/l #	88
94) Hexachlorobutadiene	13.78	225	1365	0.360	ug/l	65
95) Naphthalene	13.83	128	212044	7.006	ug/l	100

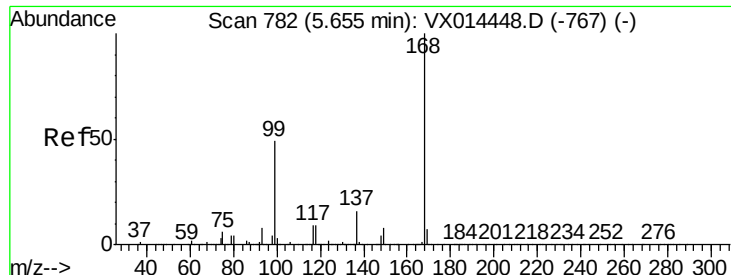
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampled :

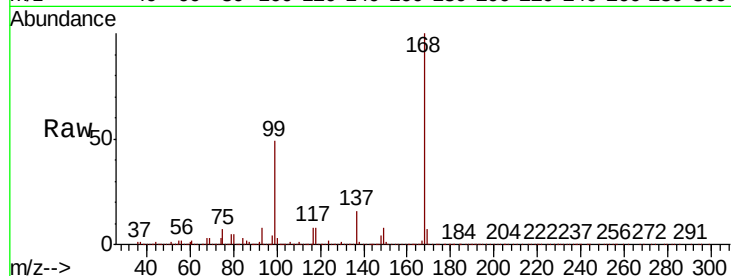
MW-3

Tot Ion:168 Resp: 557874

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

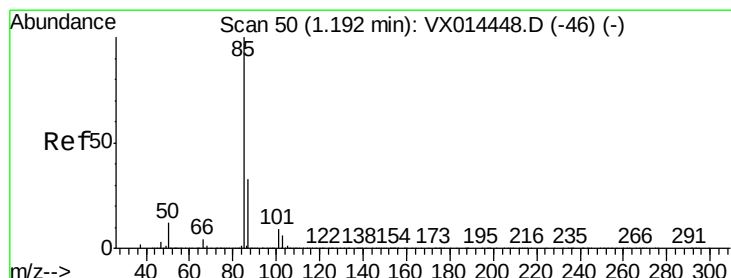
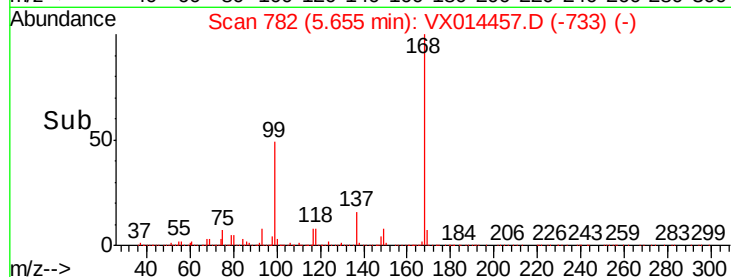
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.323 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014457.D

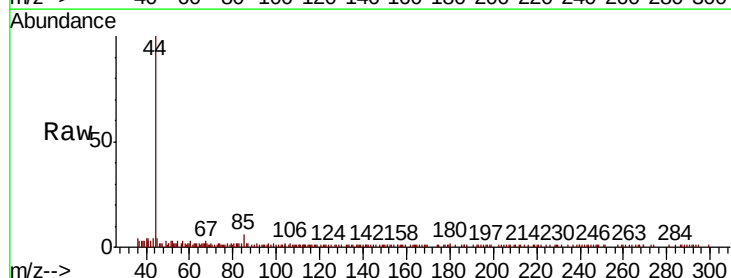
Acq: 07 Jan 2020 18:54

Tgt Ion: 85 Resp: 488

Ion Ratio Lower Upper

85 100

87 14.8 16.5 49.5#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

600

500

400

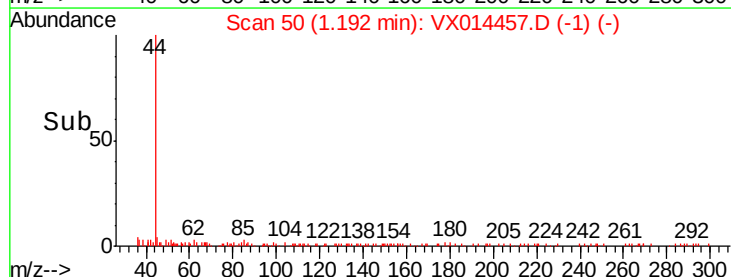
300

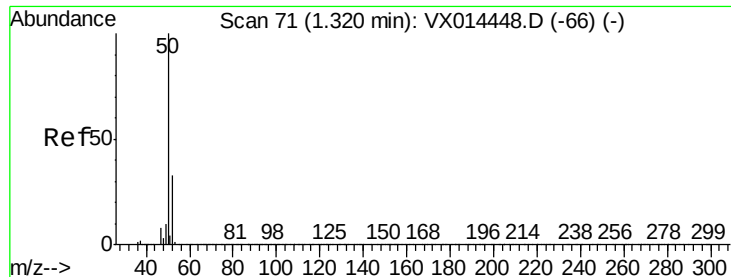
200

100

0

Time-->





#3

Chloromethane

Concen: 1.278 ug/l

RT: 1.30 min Scan# 67

Delta R.T. -0.02 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

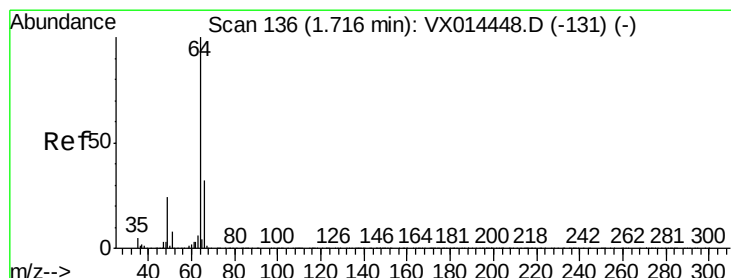
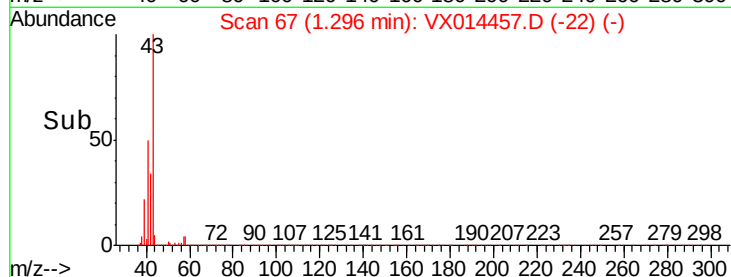
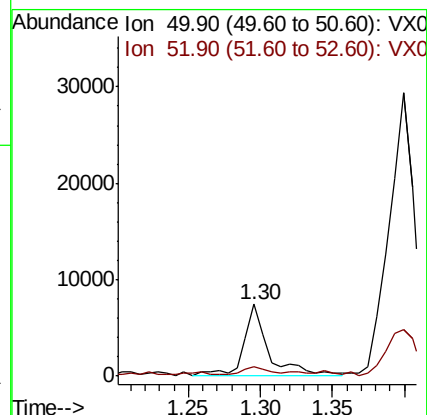
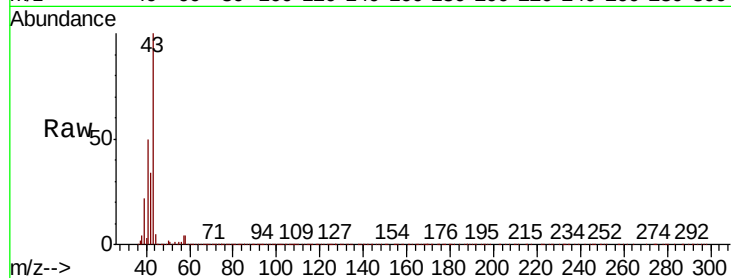
MW-3

Tot Ion: 50 Resp: 9085

Ion Ratio Lower Upper

50 100

52 10.3 26.1 39.1#



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014457.D

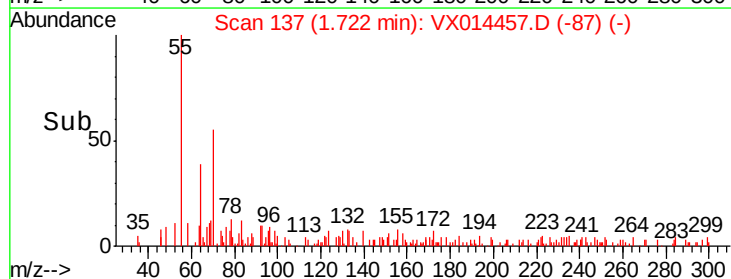
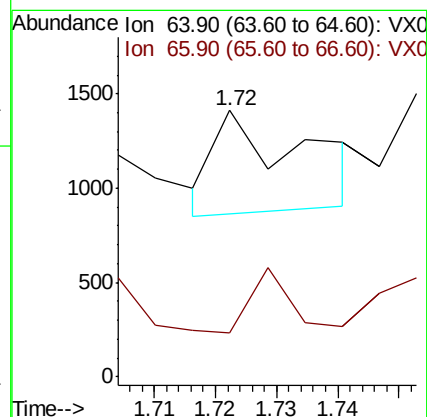
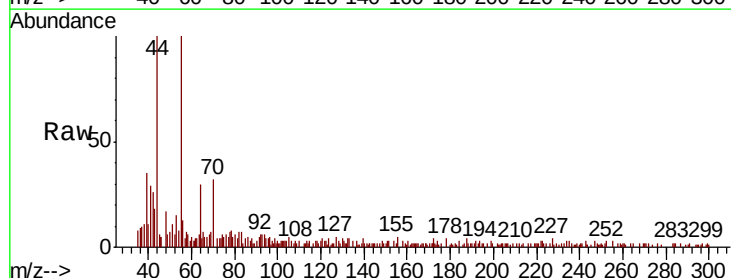
Acq: 07 Jan 2020 18:54

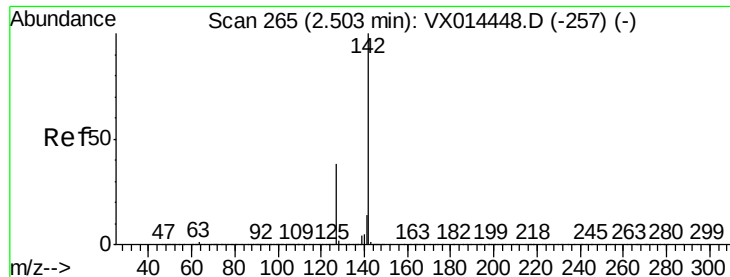
Tgt Ion: 64 Resp: 548

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#

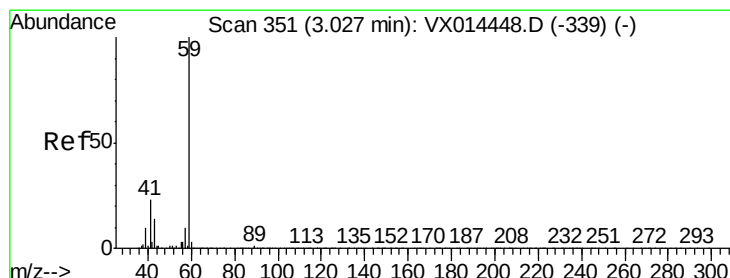
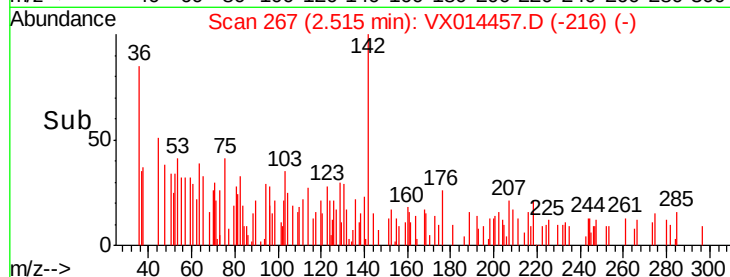
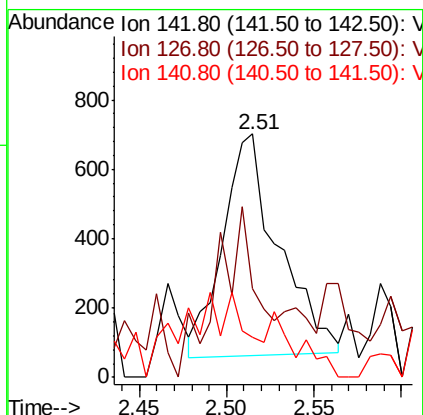
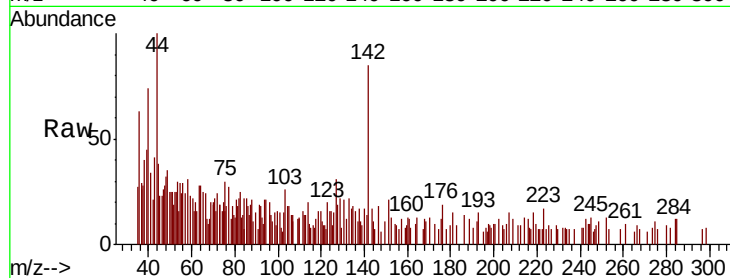




#10
Methvl Iodide
Concen: 0.216 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

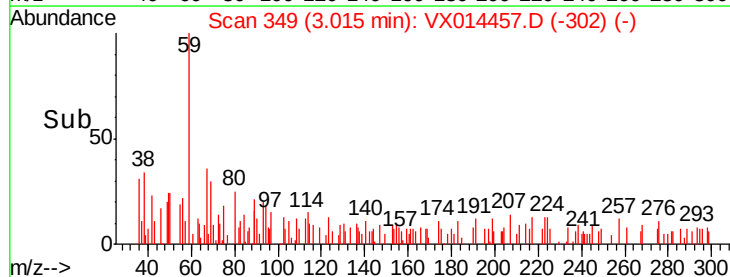
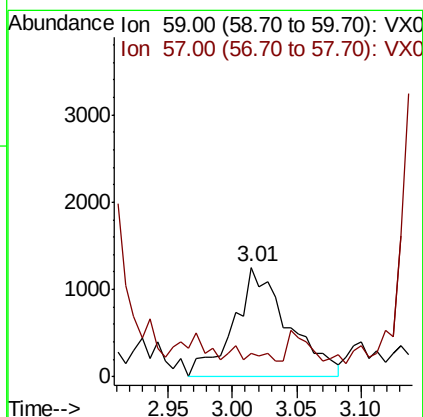
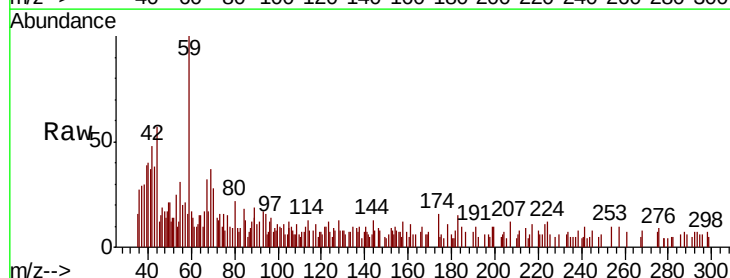
Instrument :
MSVOA_X
ClientSampled :
MW-3

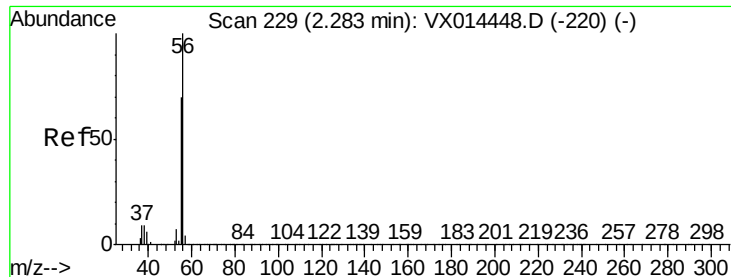
Tot Ion:142 Resp: 1414
Ion Ratio Lower Upper
142 100
127 57.1 31.2 46.8#
141 42.8 11.4 17.2#



#11
Tert butyl alcohol
Concen: 2.814 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion: 59 Resp: 3659
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#13

Acrolein

Concen: 14.467 ug/l

RT: 2.21 min Scan# 217

Delta R.T. -0.07 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampled :

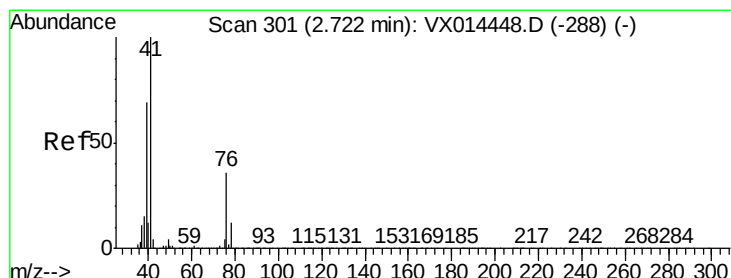
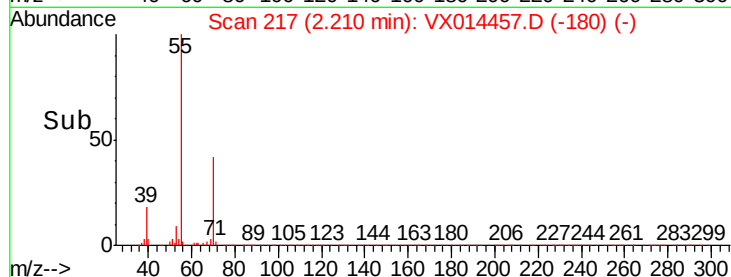
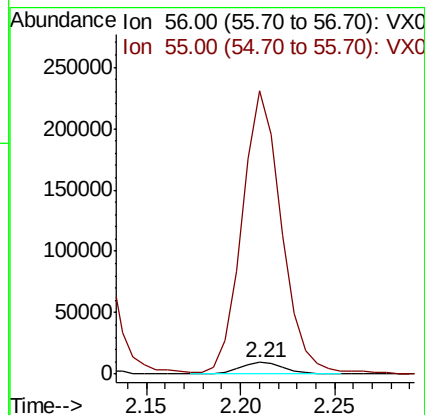
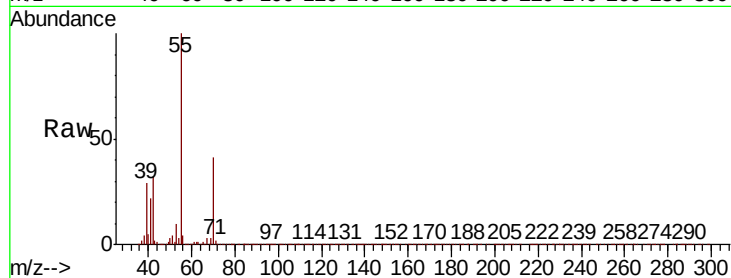
MW-3

Tot Ion: 56 Resp: 15078

Ion Ratio Lower Upper

56 100

55 2238.4 55.0 82.6#



#14

Allyl chloride

Concen: 7.547 ug/l

RT: 2.81 min Scan# 315

Delta R.T. 0.09 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

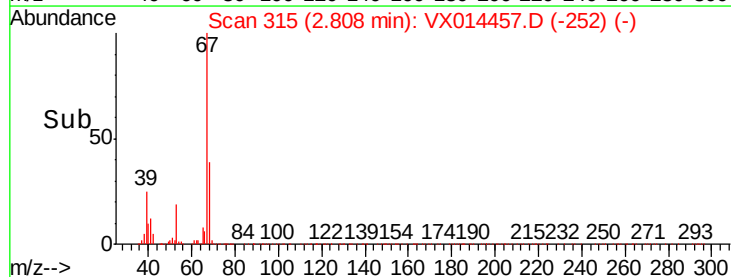
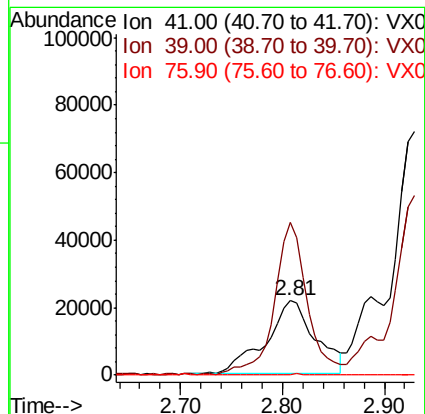
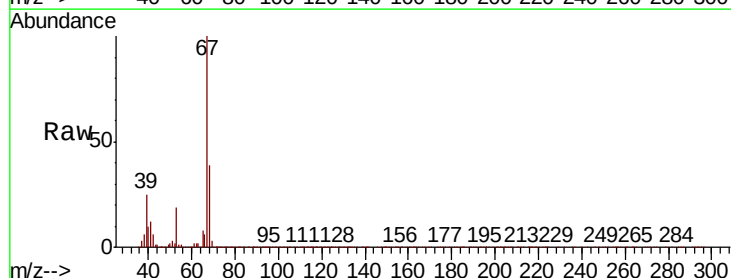
Tgt Ion: 41 Resp: 73003

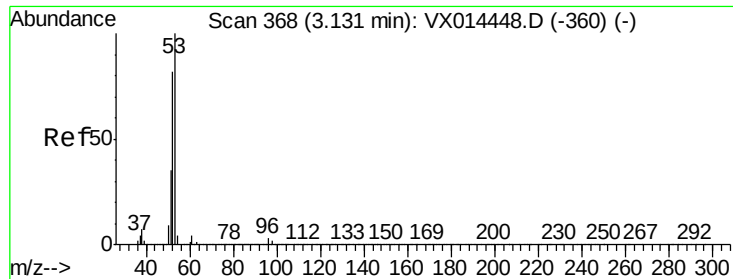
Ion Ratio Lower Upper

41 100

39 136.1 51.7 77.5#

76 0.0 26.8 40.2#

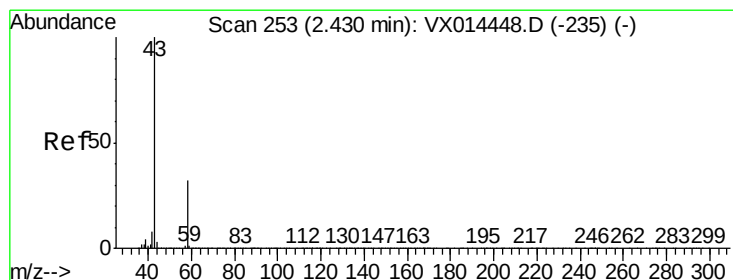
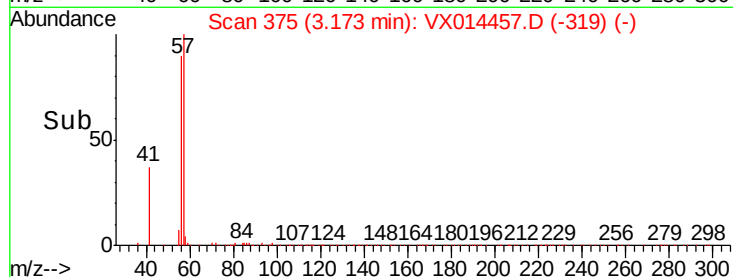
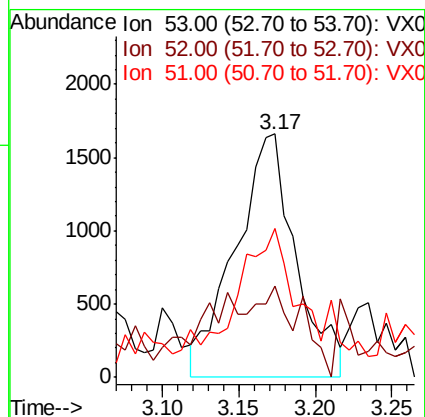
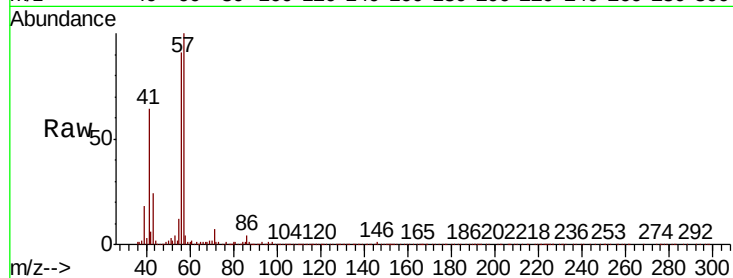




#15
Acrylonitrile
Concen: 1.461 ug/l
RT: 3.17 min Scan# 375
Delta R.T. 0.04 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

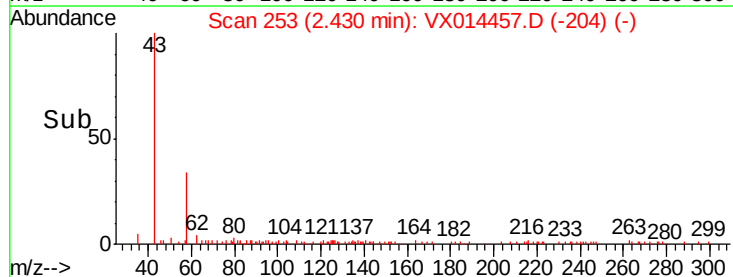
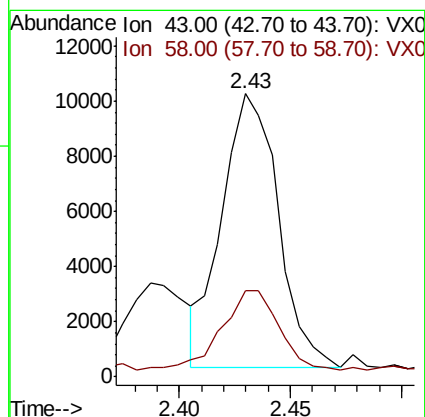
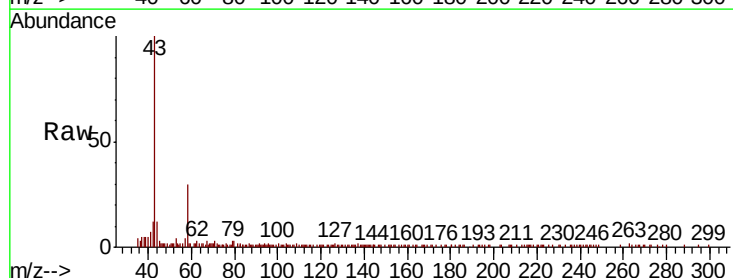
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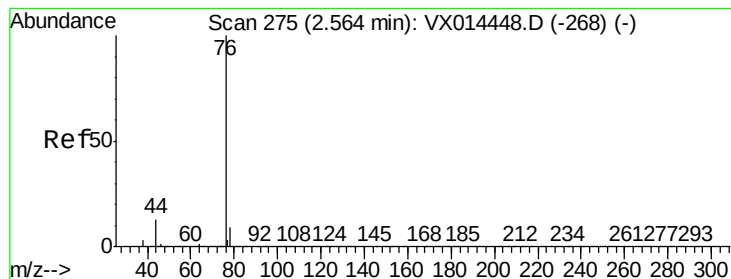
Tot Ion: 53 Resp: 4584
Ion Ratio Lower Upper
53 100
52 27.1 67.0 100.4#
51 52.3 28.5 42.7#



#16
Acetone
Concen: 1.433 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion: 43 Resp: 17447
Ion Ratio Lower Upper
43 100
58 29.0 25.4 38.0





#17

Carbon Disulfide

Concen: 0.317 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampled :

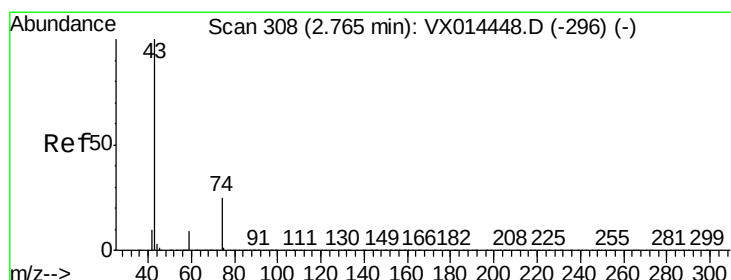
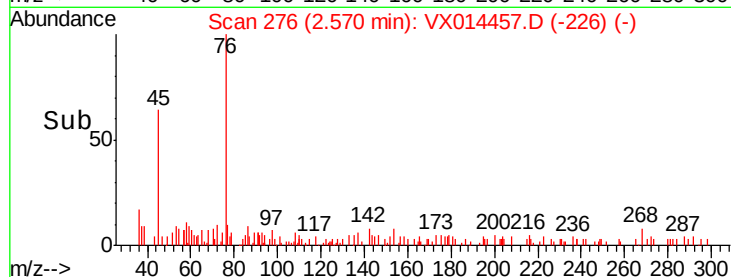
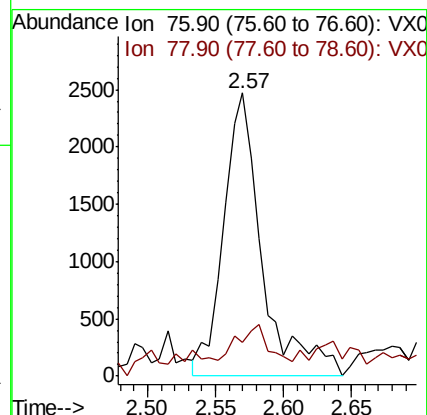
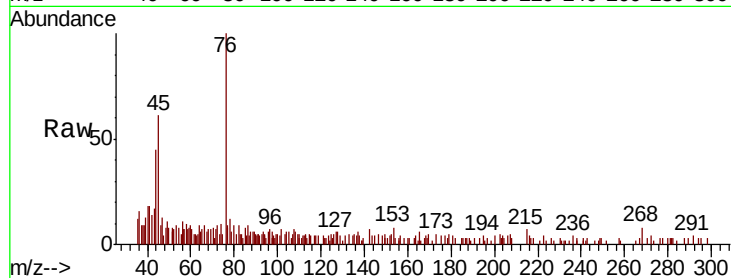
MW-3

Tot Ion: 76 Resp: 4876

Ion Ratio Lower Upper

76 100

78 5.9 7.4 11.2#



#18

Methyl Acetate

Concen: 1.538 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014457.D

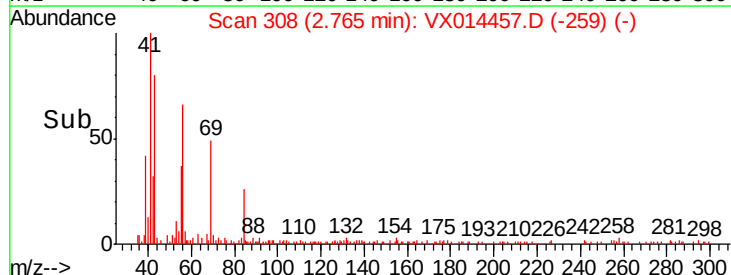
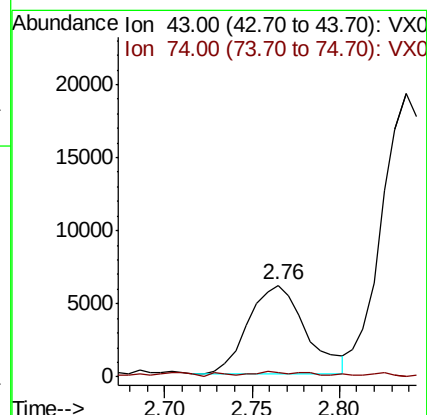
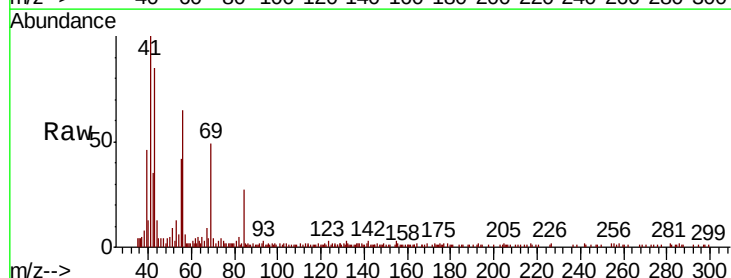
Acq: 07 Jan 2020 18:54

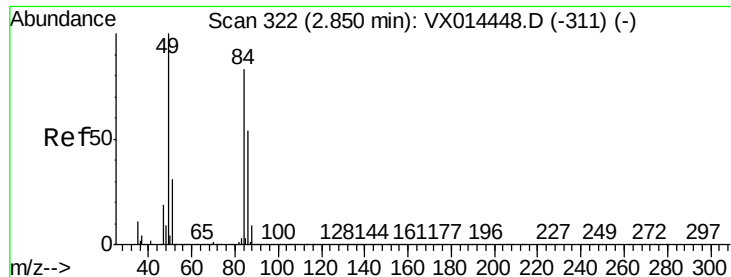
Tgt Ion: 43 Resp: 13766

Ion Ratio Lower Upper

43 100

74 2.1 19.4 29.2#

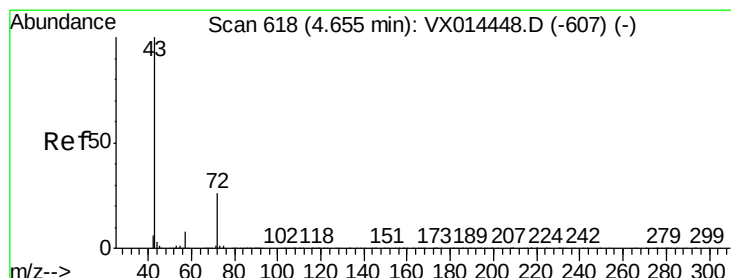
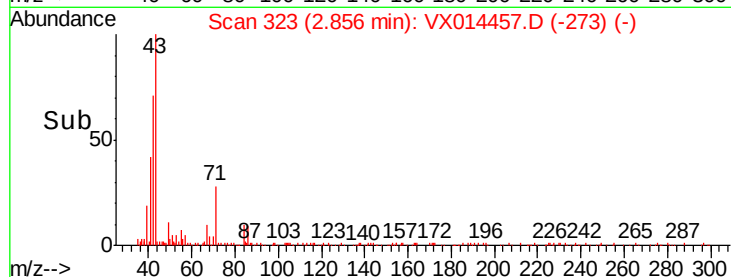
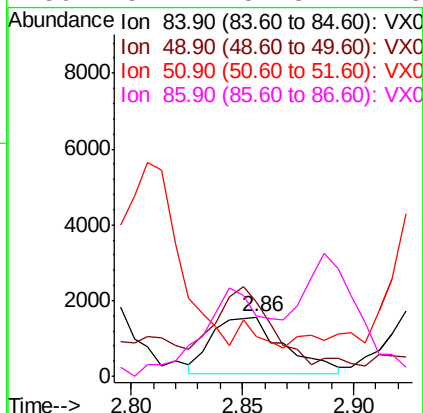
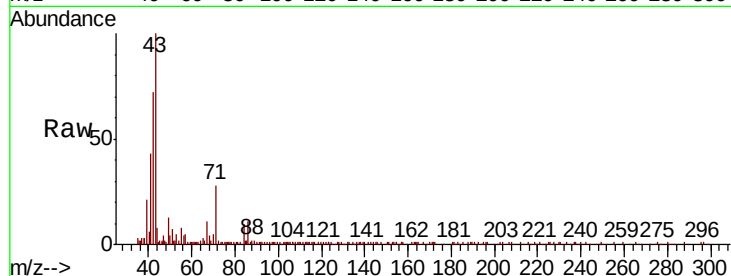




#20
Methylene Chloride
Concen: 0.520 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

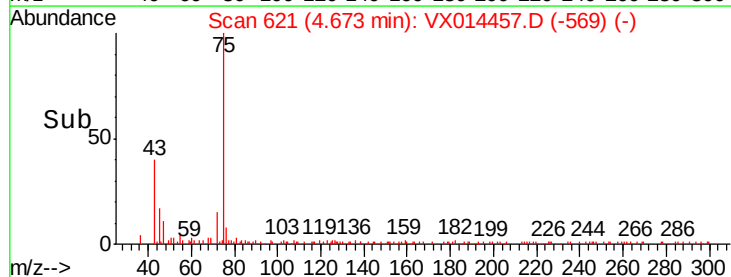
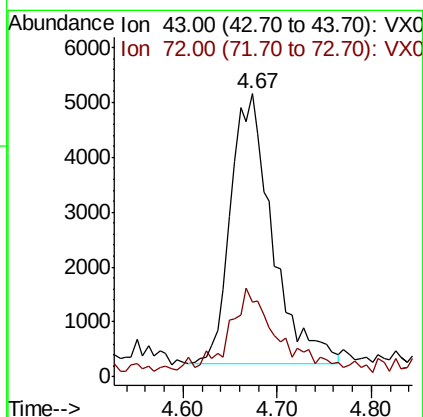
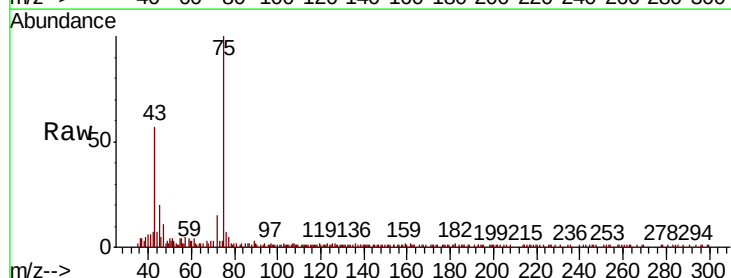
Instrument :
MSVOA_X
ClientSampleId :
MW-3

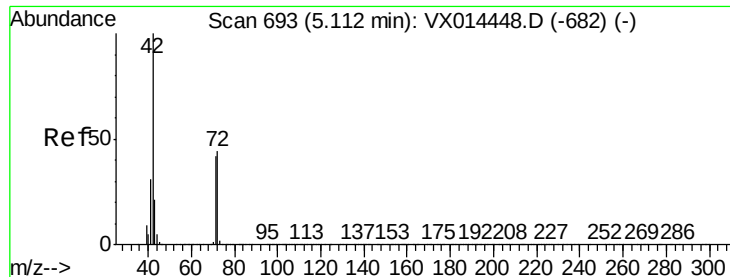
Tot Ion: 84 Resp: 3257
Ion Ratio Lower Upper
84 100
49 110.4 95.8 143.8
51 0.0 30.2 45.4#
86 57.7 51.8 77.6



#25
2-Butanone
Concen: 3.252 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion: 43 Resp: 15130
Ion Ratio Lower Upper
43 100
72 22.3 20.6 31.0





#29

Tetrahydrofuran

Concen: 0.274 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampled :

MW-3

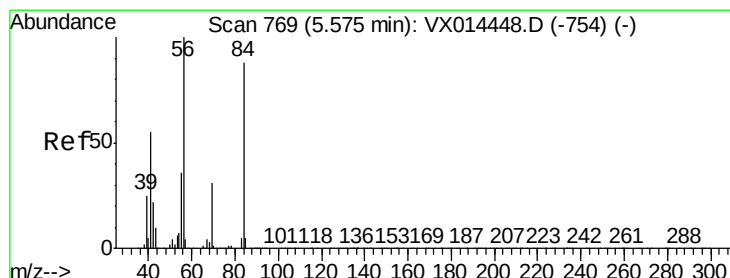
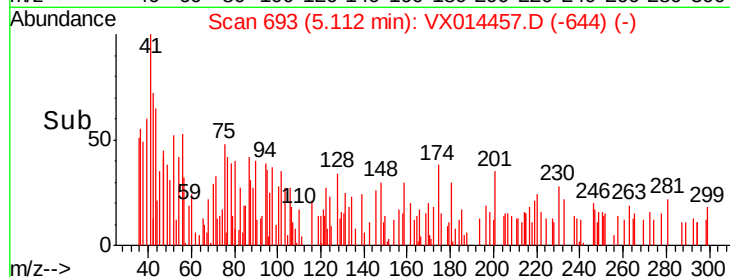
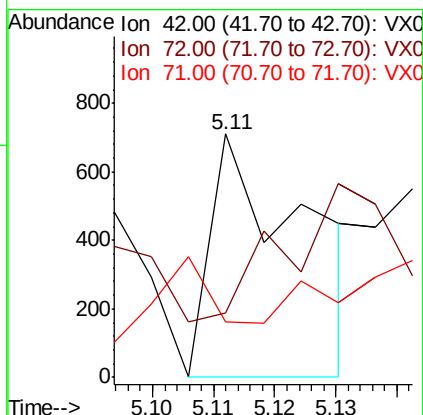
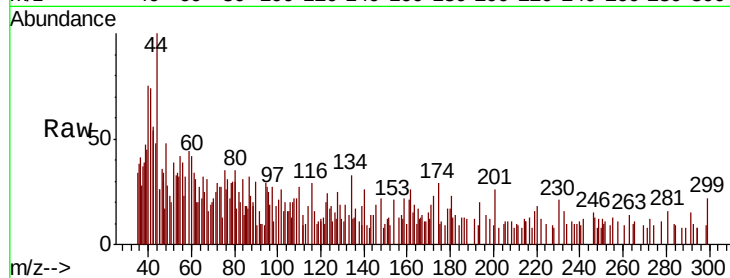
Tot Ion: 42 Resp: 753

Ion Ratio Lower Upper

42 100

72 0.0 36.2 54.4#

71 23.4 34.1 51.1#



#31

Cyclohexane

Concen: 38.492 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

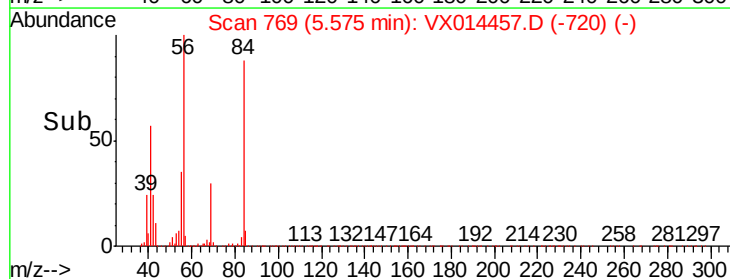
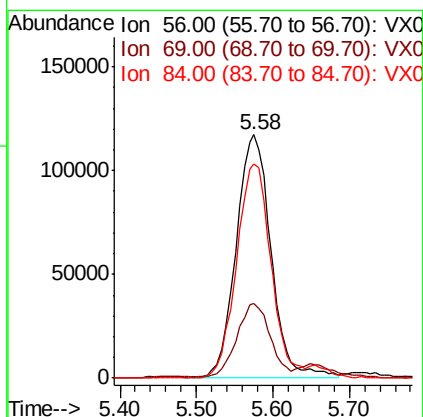
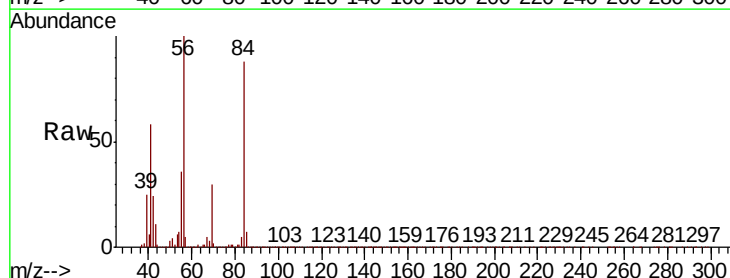
Tgt Ion: 56 Resp: 366404

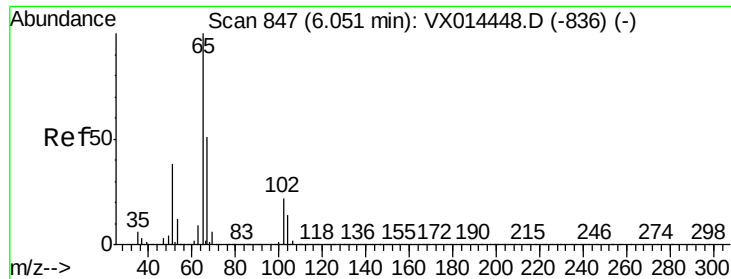
Ion Ratio Lower Upper

56 100

69 30.1 24.4 36.6

84 88.1 70.6 106.0

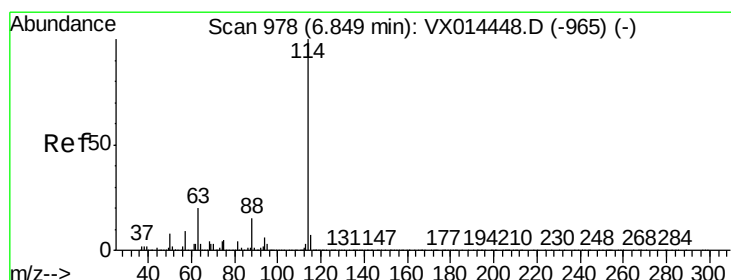
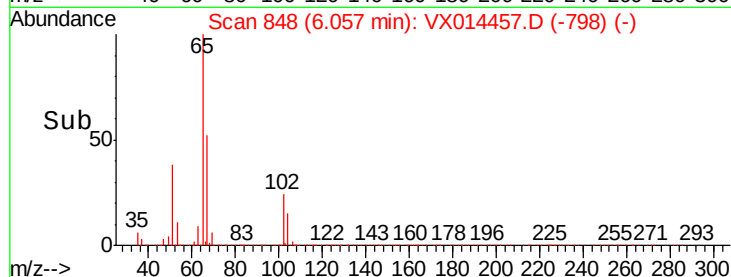
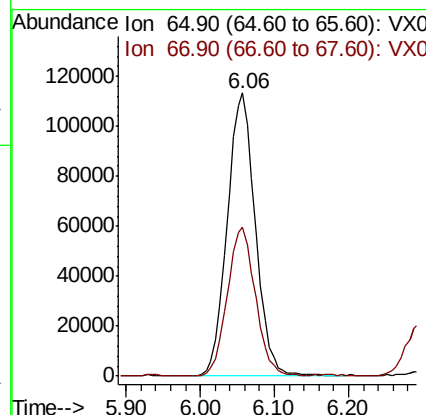
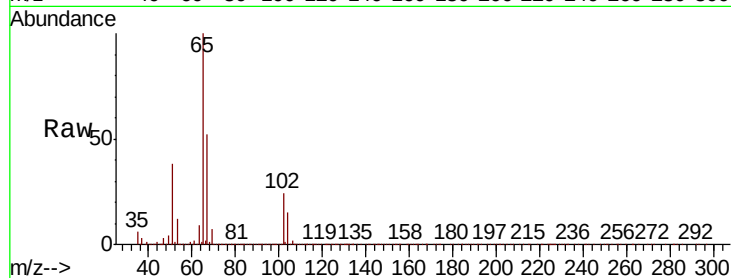




#33
 1,2-Dichloroethane-d4
 Concen: 47.558 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014457.D
 Acq: 07 Jan 2020 18:54

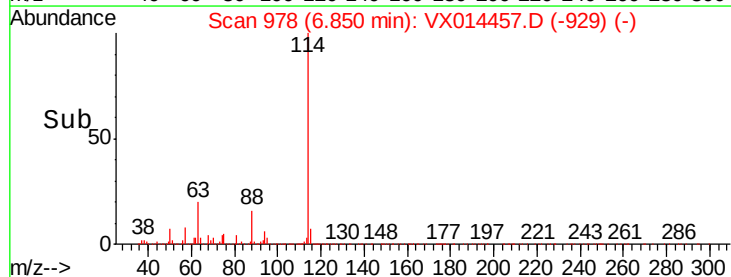
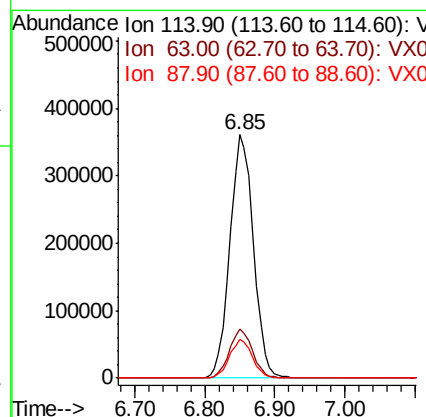
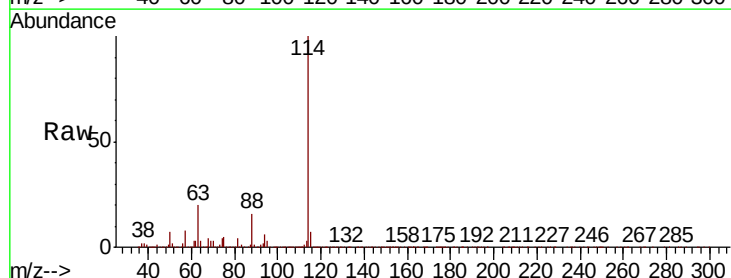
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

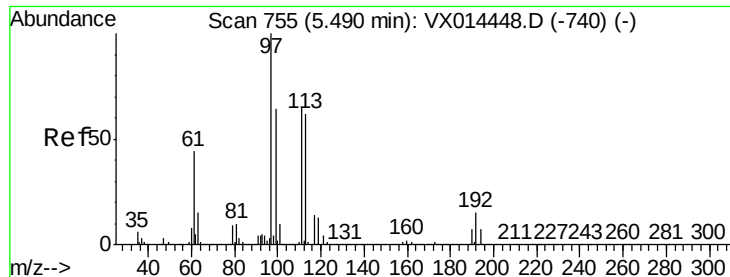
Tot Ion: 65 Resp: 296178
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014457.D
 Acq: 07 Jan 2020 18:54

Tgt Ion: 114 Resp: 843867
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.6
 88 16.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.320 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3

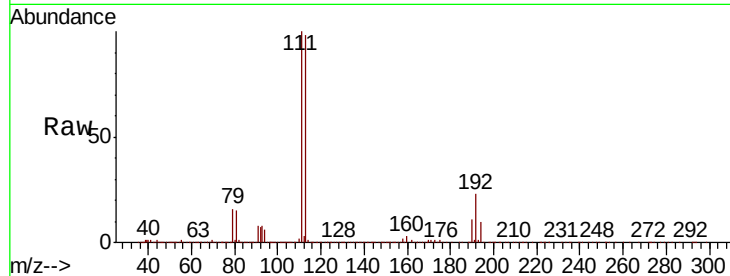
Tot Ion:113 Resp: 246831

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

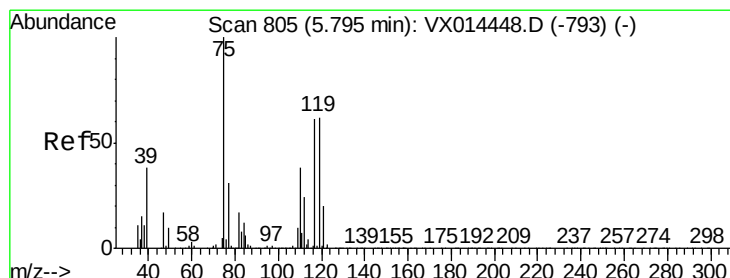
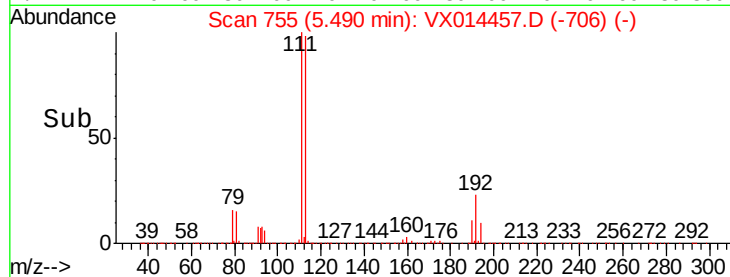
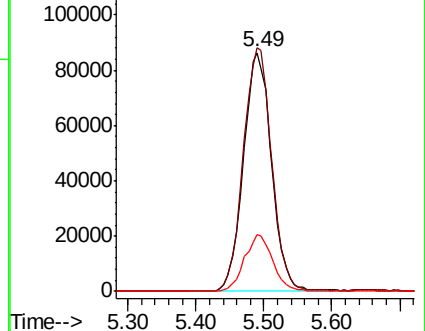
192 24.0 19.2 28.8



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: 4.460 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.14 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

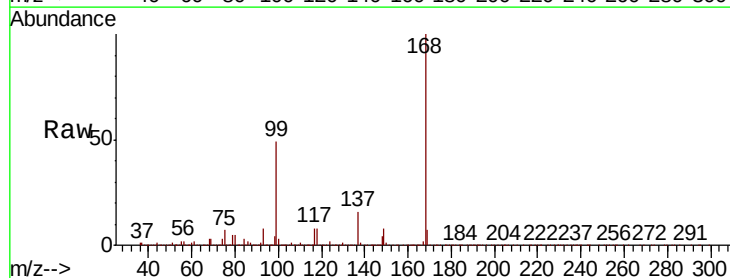
Tgt Ion: 75 Resp: 35396

Ion Ratio Lower Upper

75 100

110 11.0 18.6 55.8#

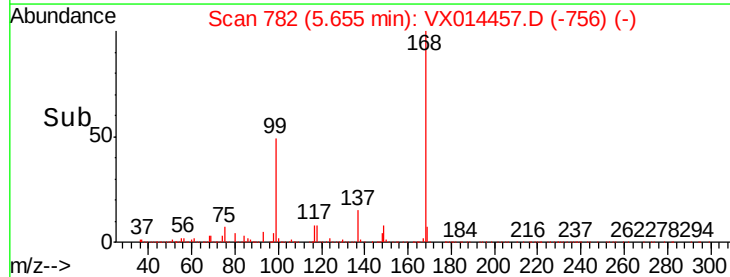
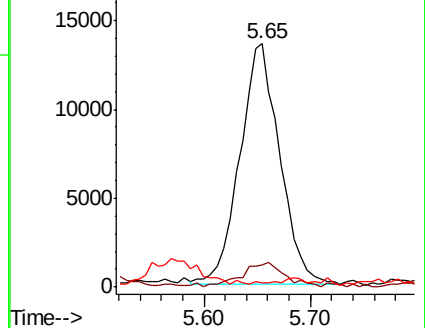
77 0.0 24.5 36.7#

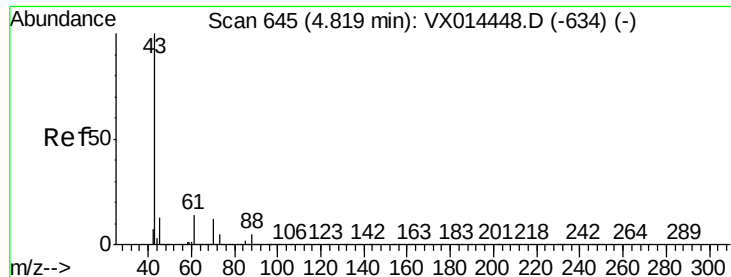


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

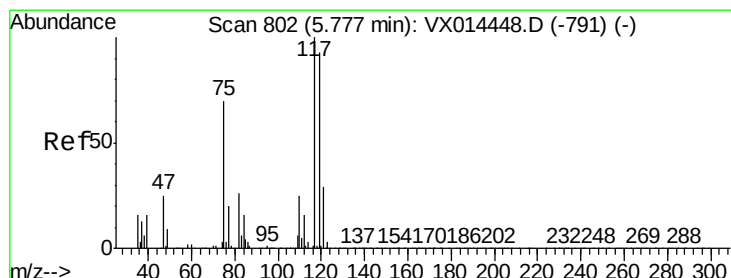
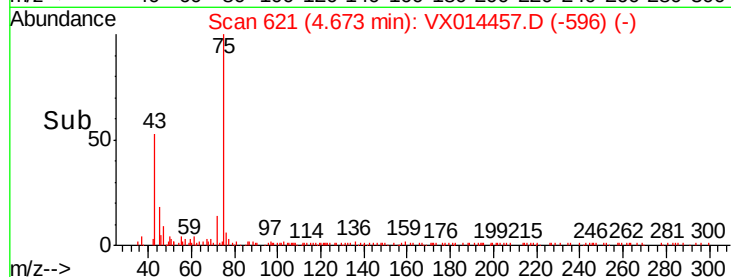
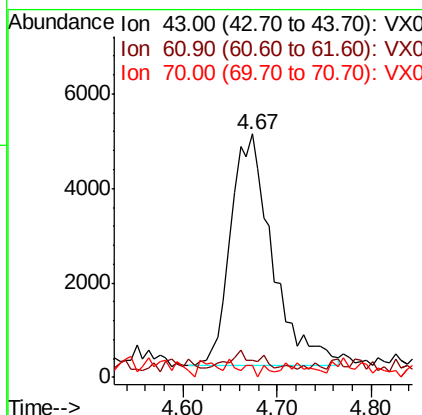
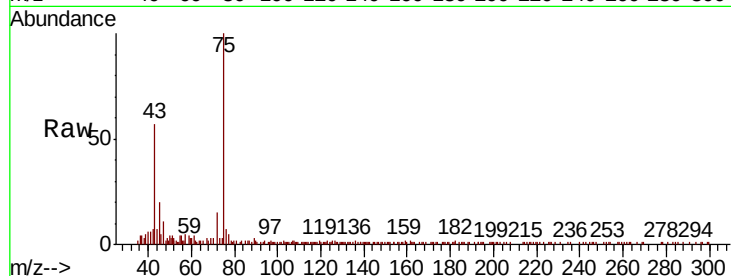




#37
Ethyl Acetate
Concen: 1.755 ug/l
RT: 4.67 min Scan# 621
Delta R.T. -0.15 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

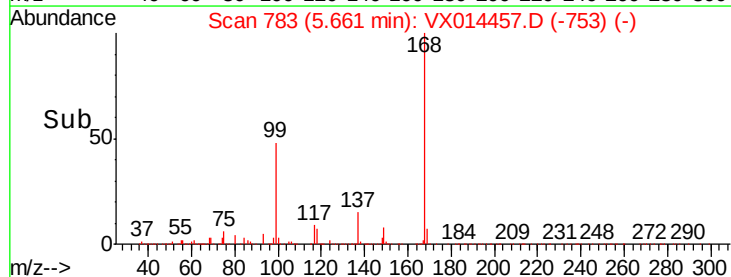
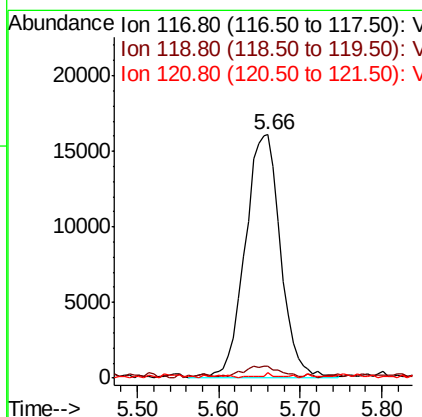
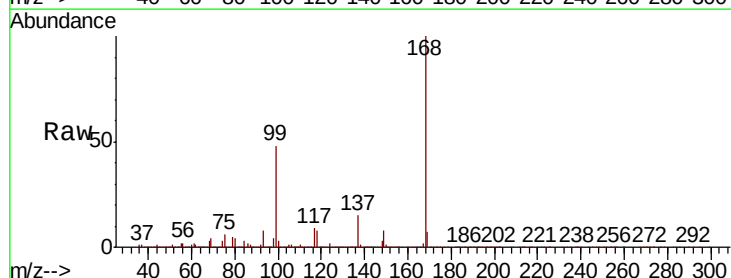
Instrument :
MSVOA_X
ClientSampleId :
MW-3

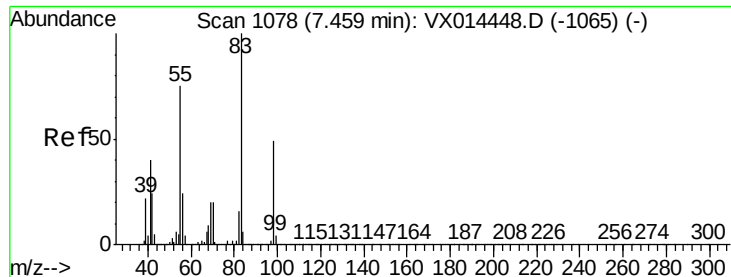
Tot Ion: 43 Resp: 15130
Ion Ratio Lower Upper
43 100
61 3.5 11.1 16.7#
70 0.0 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 6.573 ug/l
RT: 5.66 min Scan# 783
Delta R.T. -0.12 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion: 117 Resp: 48001
Ion Ratio Lower Upper
117 100
119 3.9 73.8 110.8#
121 1.5 23.4 35.0#

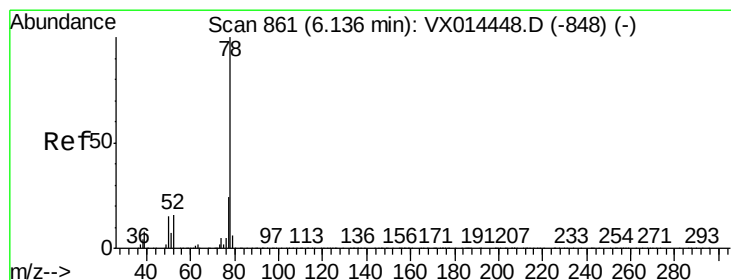
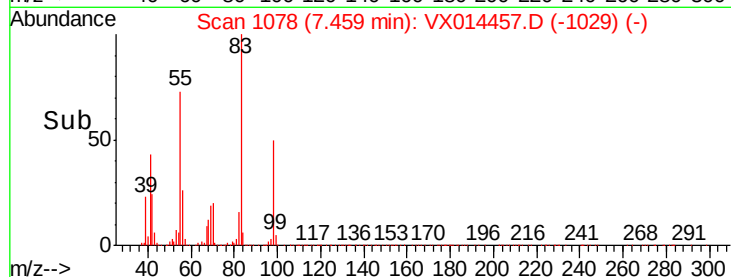
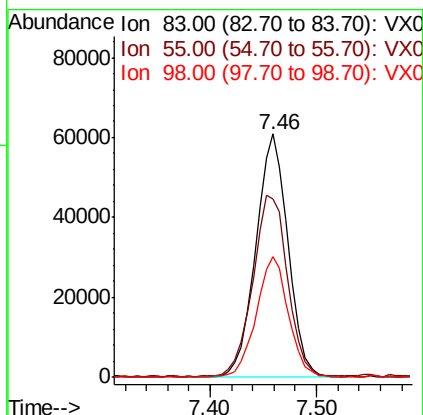
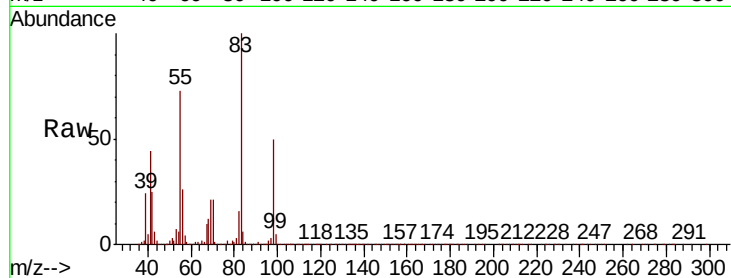




#39
Methylvlcyclohexane
Concen: 12.851 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

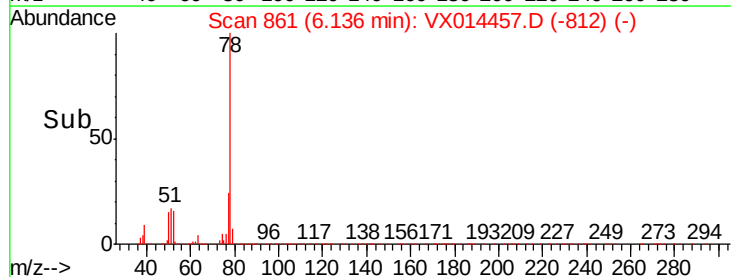
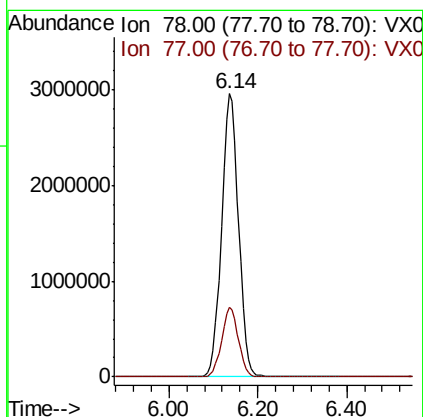
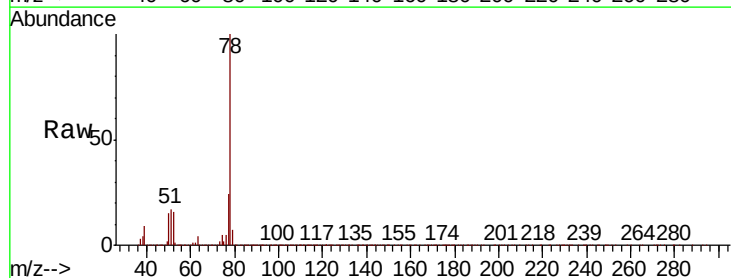
Instrument :
MSVOA_X
ClientSampled :
MW-3

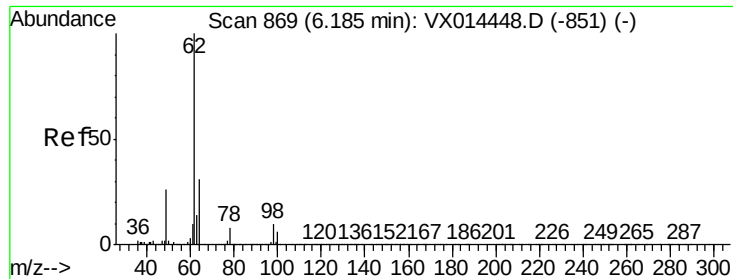
Tot Ion	83	Resp	128122
Ion	Ratio	Lower	Upper
83	100		
55	72.9	59.7	89.5
98	49.6	39.1	58.7



#40
Benzene
Concen: 332.060 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion	78	Resp	7821106
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3





#42

1,2-Dichloroethane

Concen: 8.244 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.05 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampled :

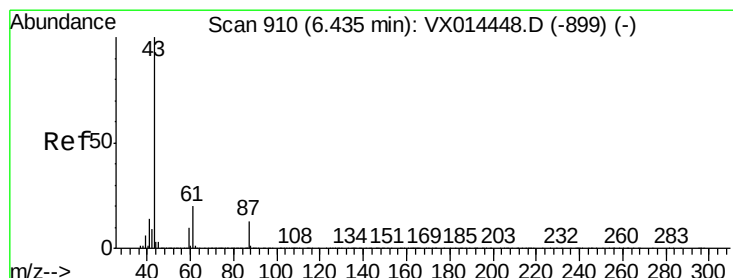
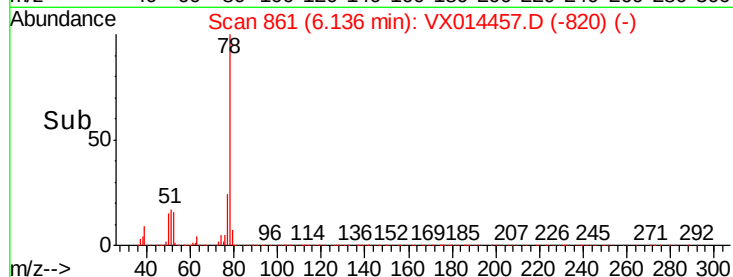
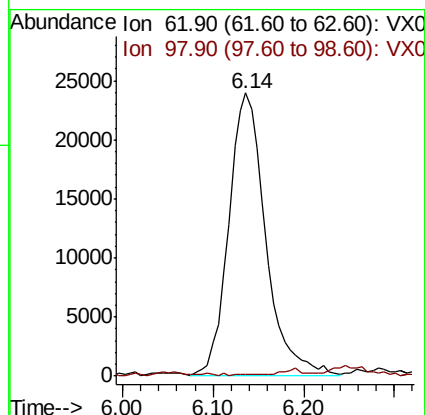
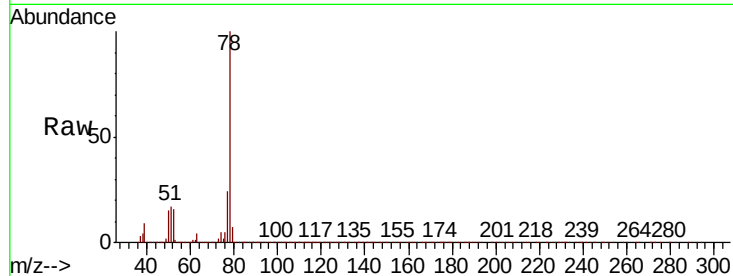
MW-3

Tot Ion: 62 Resp: 67888

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.4



#43

Isopropyl Acetate

Concen: 0.202 ug/l

RT: 6.45 min Scan# 913

Delta R.T. 0.02 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

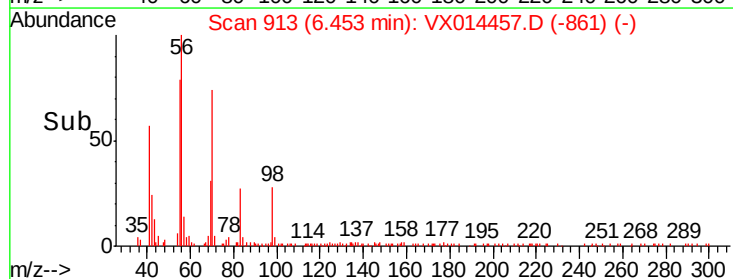
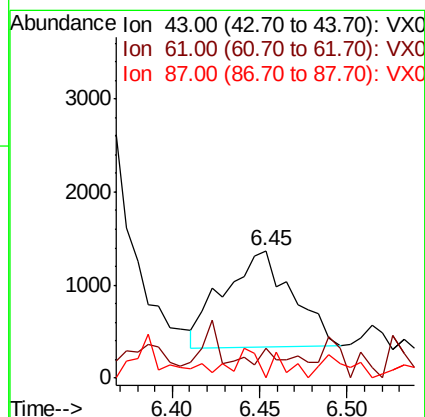
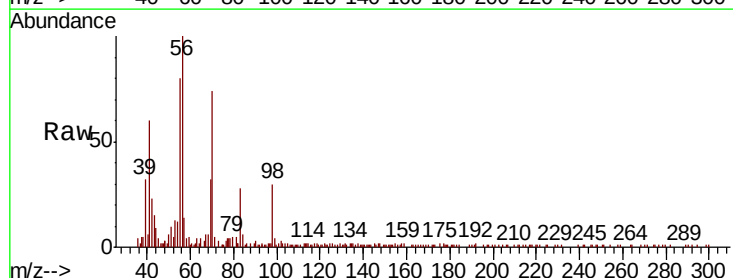
Tgt Ion: 43 Resp: 2813

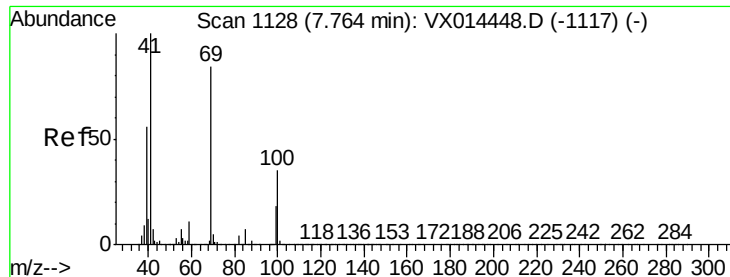
Ion Ratio Lower Upper

43 100

61 0.0 16.6 24.8#

87 6.4 10.8 16.2#

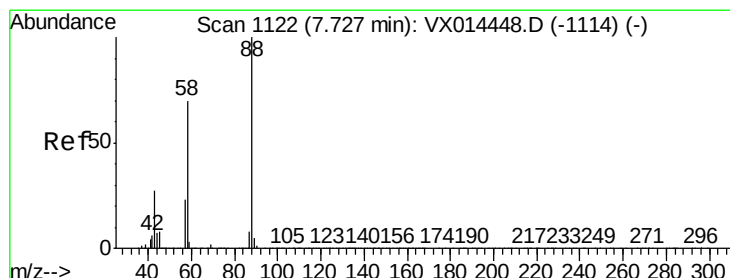
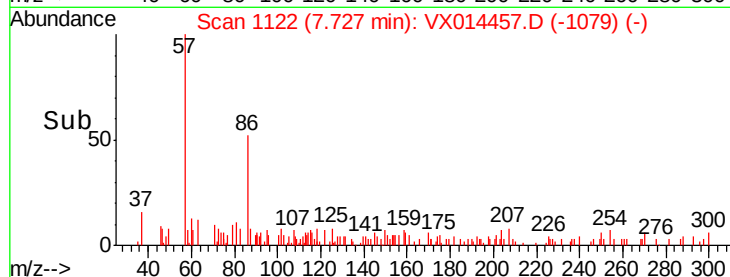
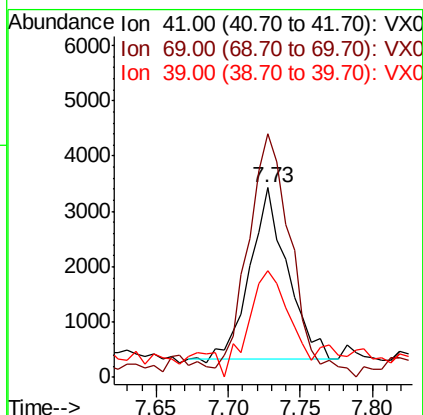
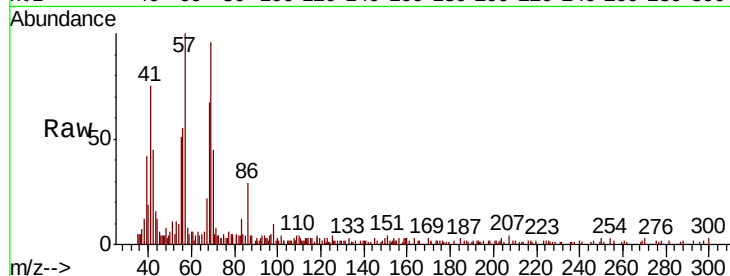




#48
Methvl methacrylate
Concen: 0.840 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.04 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

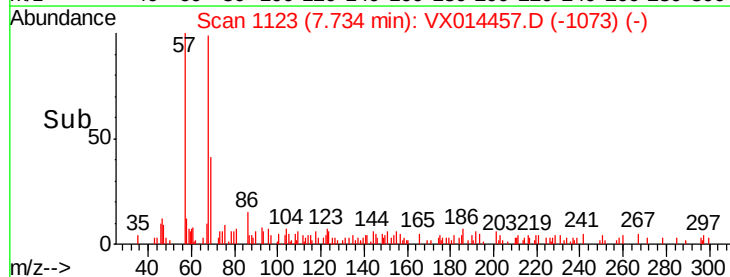
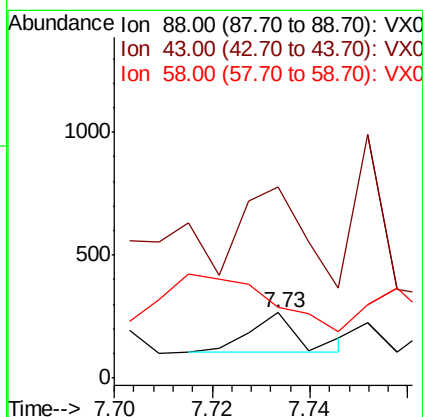
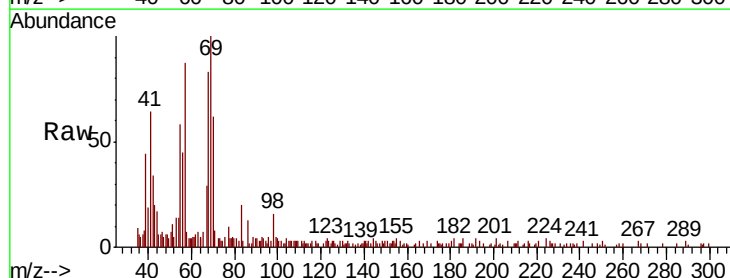
Instrument :
MSVOA_X
ClientSampled :
MW-3

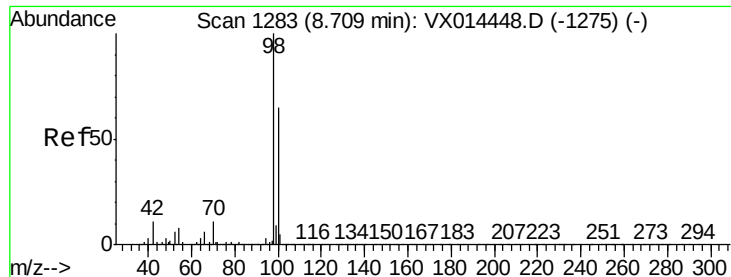
Tot Ion: 41 Resp: 5604
Ion Ratio Lower Upper
41 100
69 163.5 65.5 98.3#
39 68.9 43.9 65.9#



#49
1,4-Dioxane
Concen: 0.821 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion: 88 Resp: 116
Ion Ratio Lower Upper
88 100
43 842.2 27.4 41.0#
58 616.4 57.1 85.7#

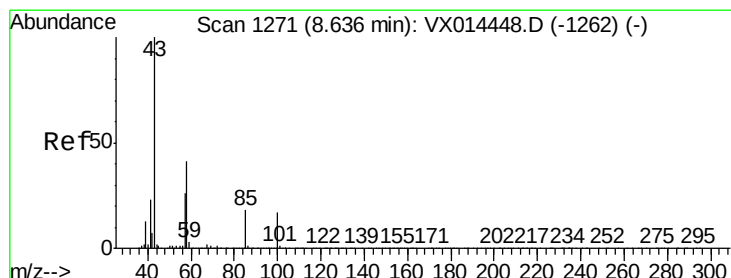
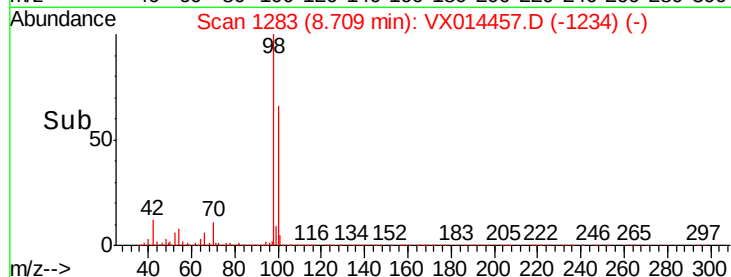
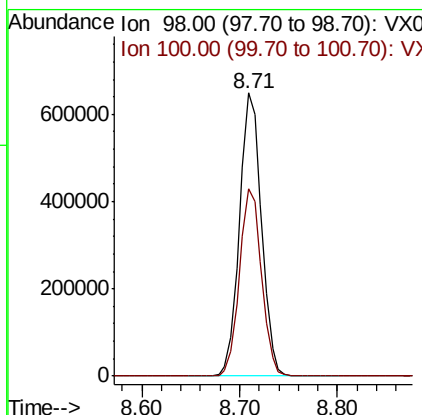
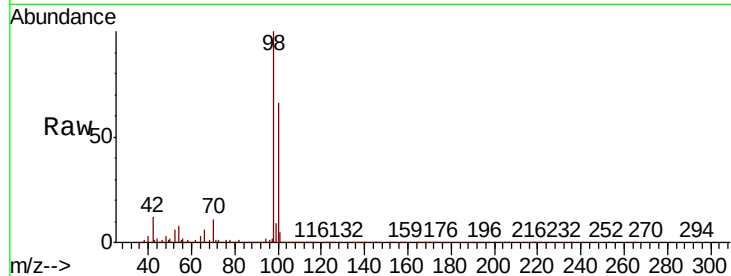




#50
Toluene-d8
Concen: 50.992 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

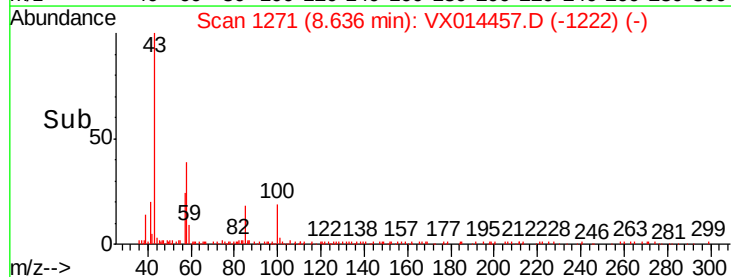
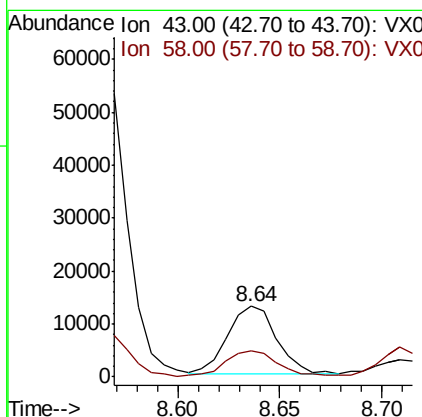
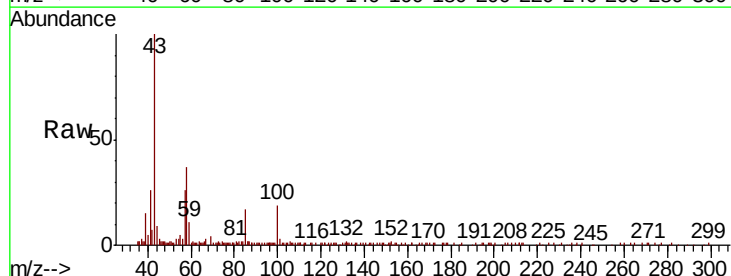
Instrument :
MSVOA_X
ClientSampled :
MW-3

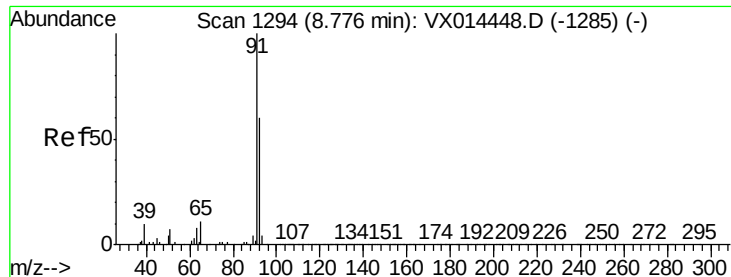
Tot Ion: 98 Resp: 1010850
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 2.466 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion: 43 Resp: 20923
Ion Ratio Lower Upper
43 100
58 39.5 32.4 48.6





#52

Toluene

Concen: 563.073 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

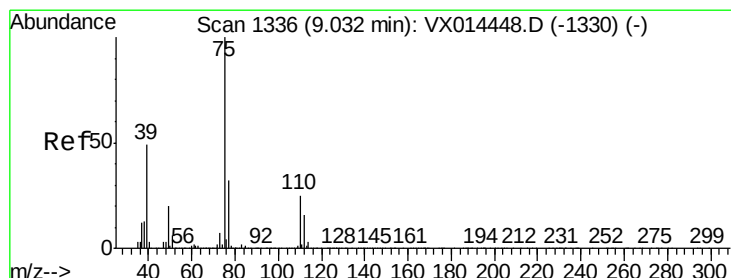
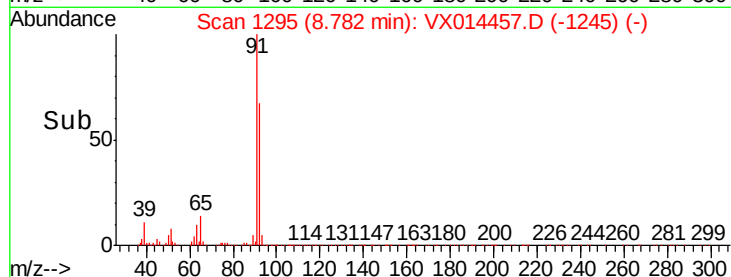
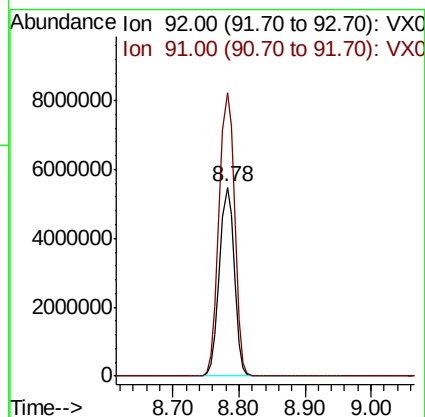
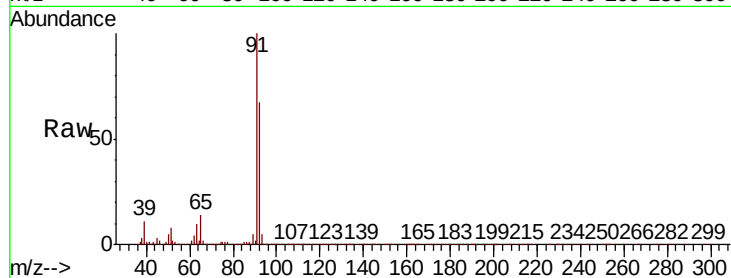
MW-3

Tot Ion: 92 Resp: 8489699

Ion Ratio Lower Upper

92 100

91 157.7 135.7 203.5



#53

t-1,3-Dichloropropene

Concen: 10.752 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.25 min

Lab File: VX014457.D

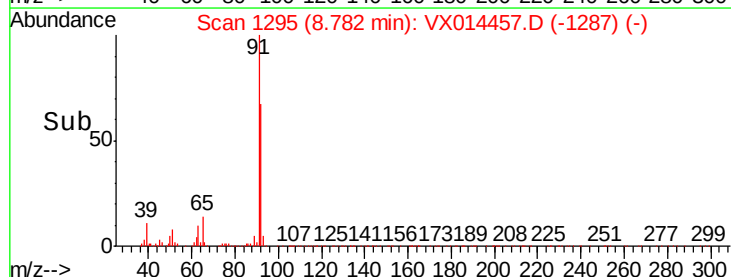
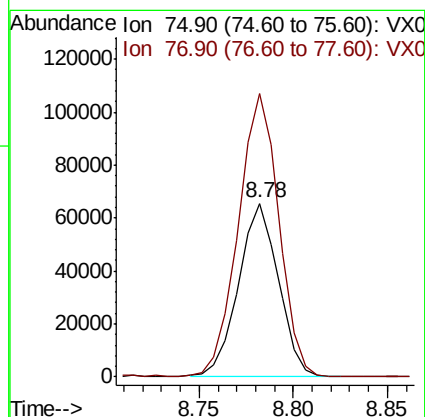
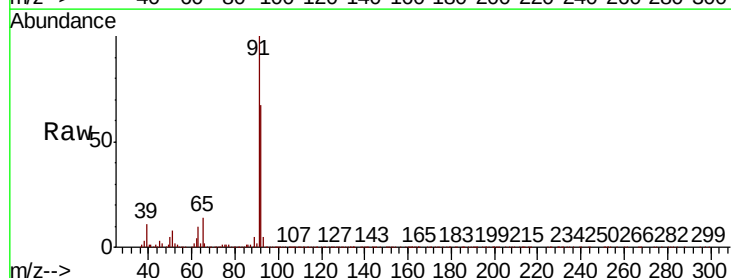
Acq: 07 Jan 2020 18:54

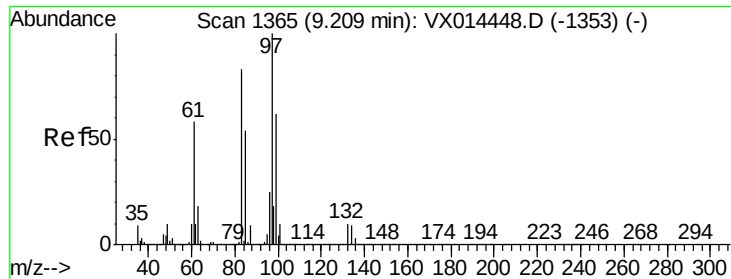
Tgt Ion: 75 Resp: 95468

Ion Ratio Lower Upper

75 100

77 162.9 25.4 38.2#





#55

1,1,2-Trichloroethane

Concen: 0.408 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampled :

MW-3

Tot Ion: 97 Resp: 2471

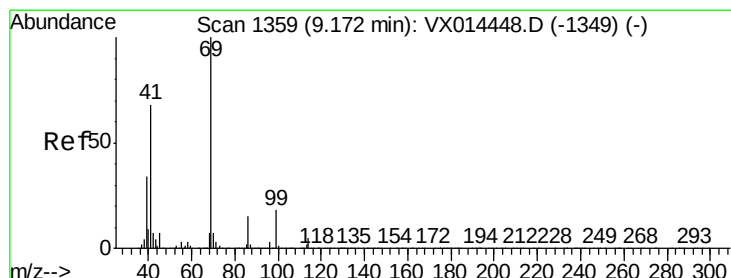
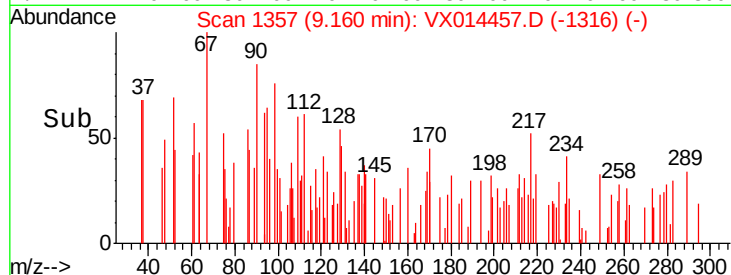
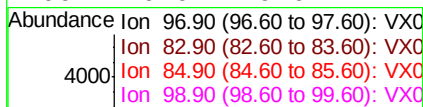
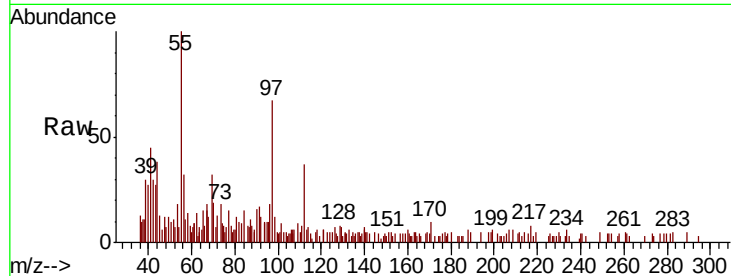
Ion Ratio Lower Upper

97 100

83 0.0 66.4 99.6#

85 0.0 43.4 65.2#

99 0.0 49.6 74.4#



#56

Ethyl methacrylate

Concen: 1.012 ug/l

RT: 9.06 min Scan# 1341

Delta R.T. -0.11 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

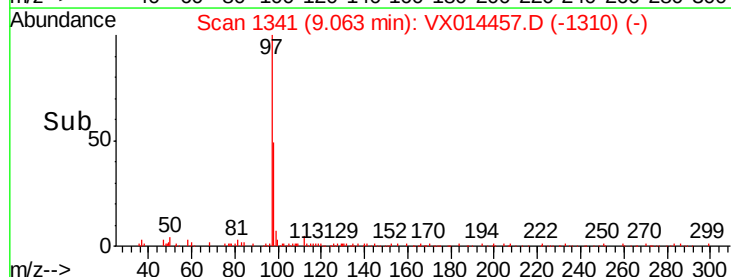
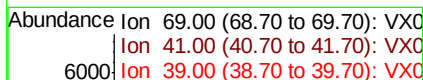
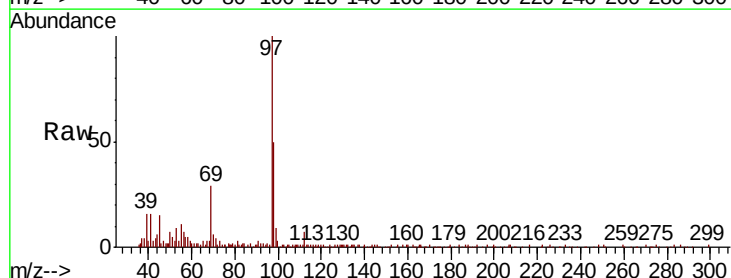
Tgt Ion: 69 Resp: 9392

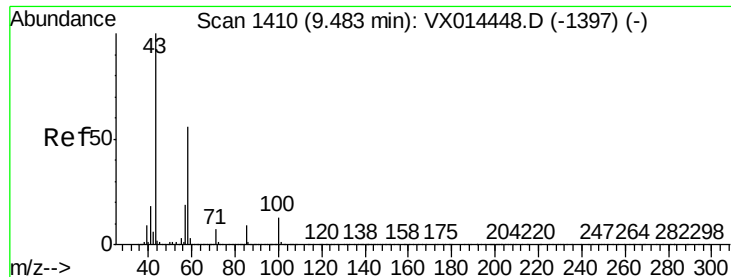
Ion Ratio Lower Upper

69 100

41 67.2 54.2 81.2

39 37.7 28.2 42.2

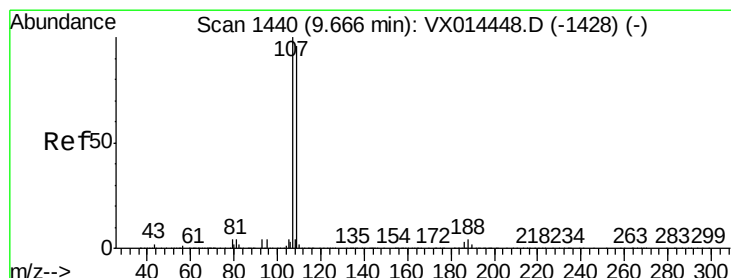
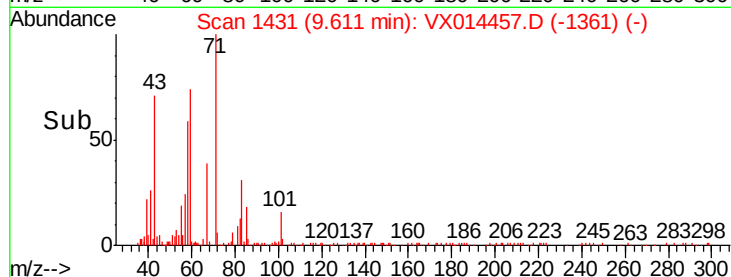
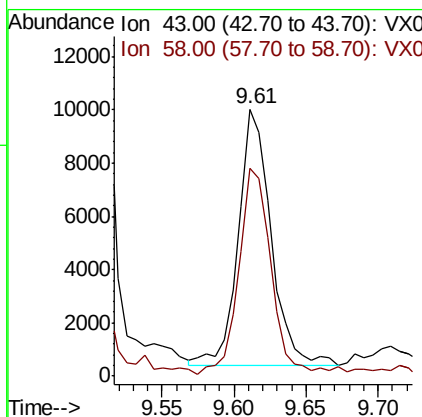
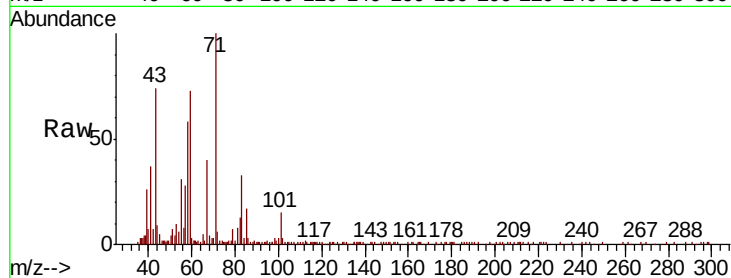




#59
2-Hexanone
Concen: 2.264 ug/l
RT: 9.61 min Scan# 1431
Delta R.T. 0.13 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

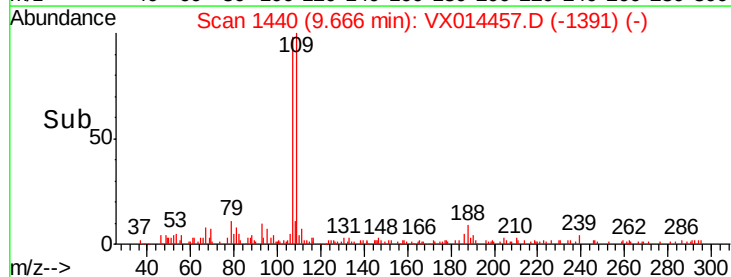
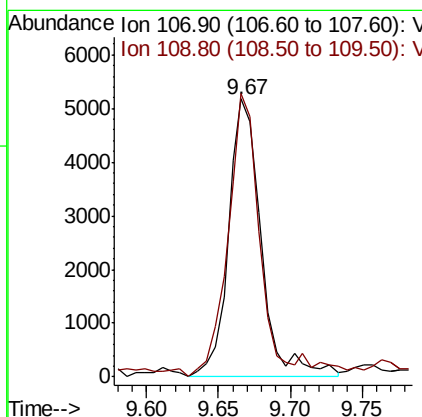
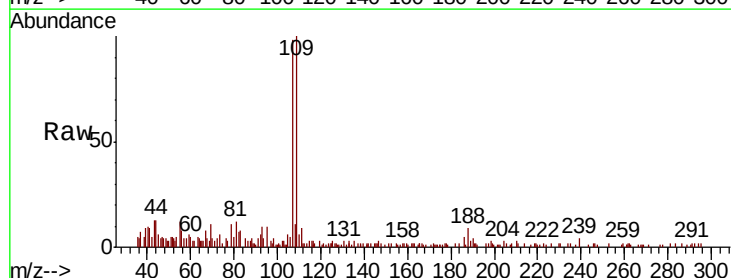
Instrument :
MSVOA_X
ClientSampleId :
MW-3

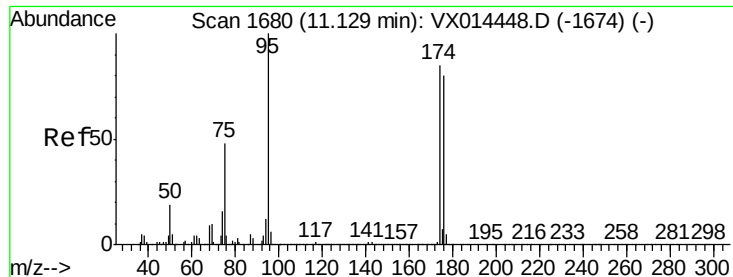
Tot Ion: 43 Resp: 15198
Ion Ratio Lower Upper
43 100
58 78.0 27.9 83.7



#61
1,2-Dibromoethane
Concen: 1.293 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion: 107 Resp: 8296
Ion Ratio Lower Upper
107 100
109 95.9 76.5 114.7





#62

4-Bromofluorobenzene

Concen: 50.408 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3

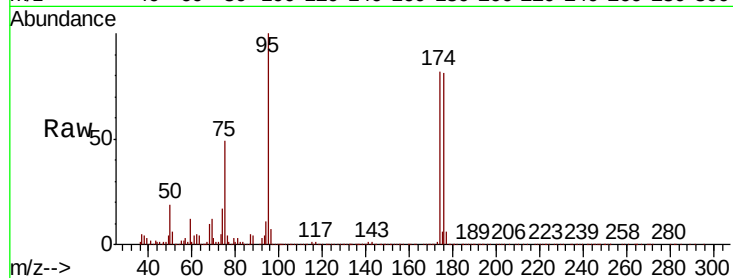
Tot Ion: 95 Resp: 366842

Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.8

176 88.2 0.0 172.8

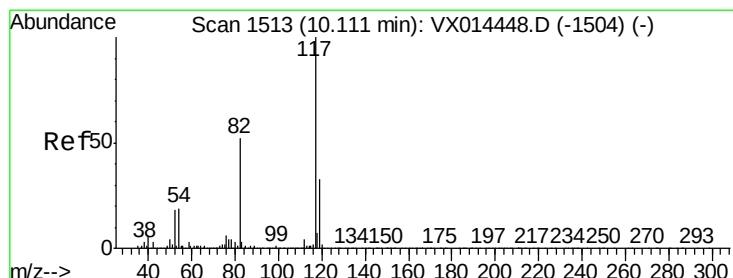
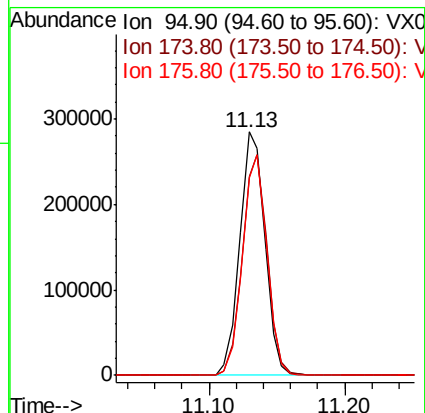
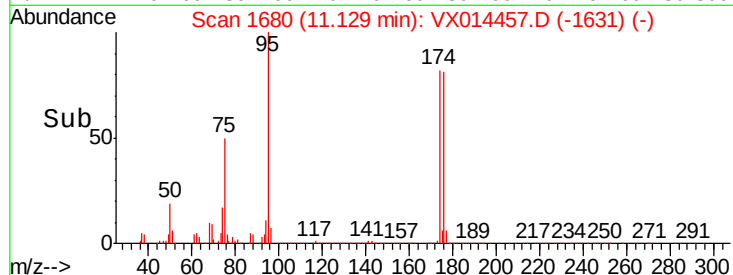


Abundance Ion 94.90 (94.60 to 95.60): VX014448.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX014448.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX014448.D (-1674) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

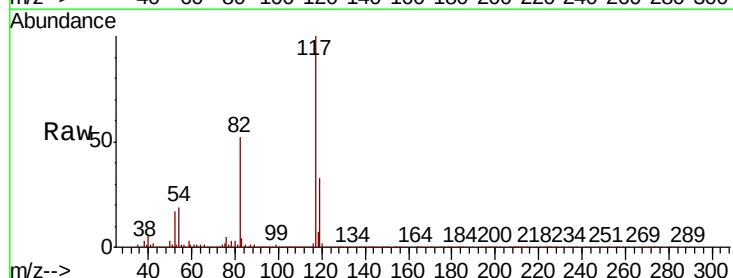
Tgt Ion: 117 Resp: 778984

Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.6

119 32.5 26.2 39.4

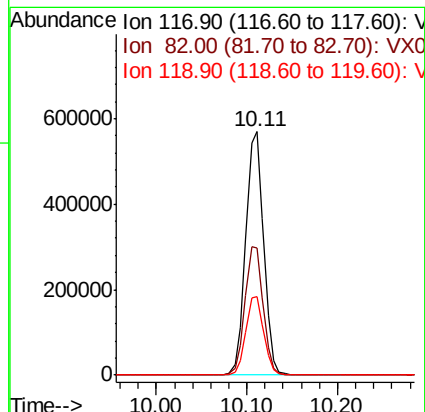
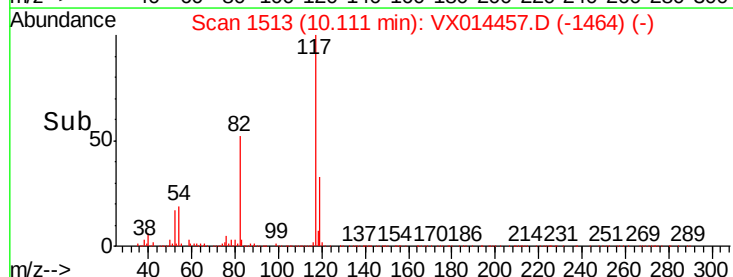


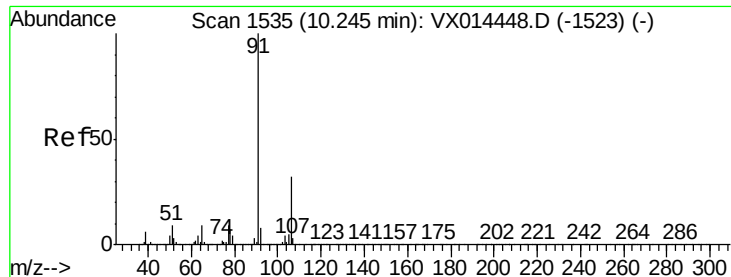
Abundance Ion 116.90 (116.60 to 117.60): VX014448.D (-1504) (-)

Ion 82.00 (81.70 to 82.70): VX014448.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX014448.D (-1504) (-)

Time-->





#67

Ethyl Benzene

Concen: 95.436 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampled :

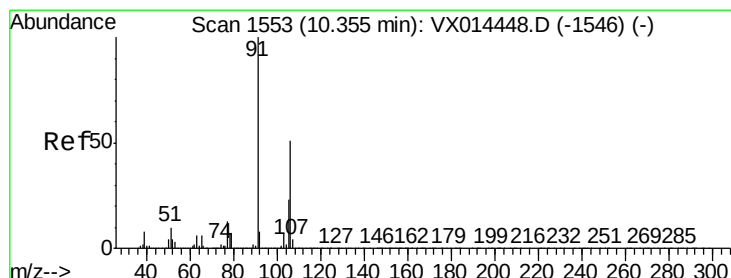
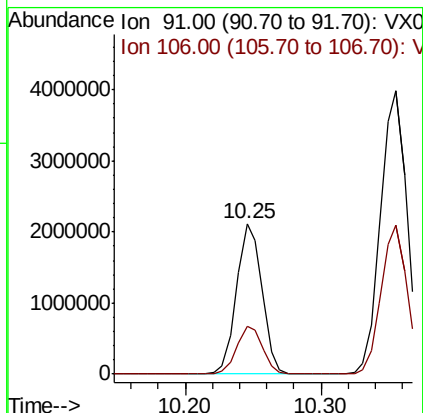
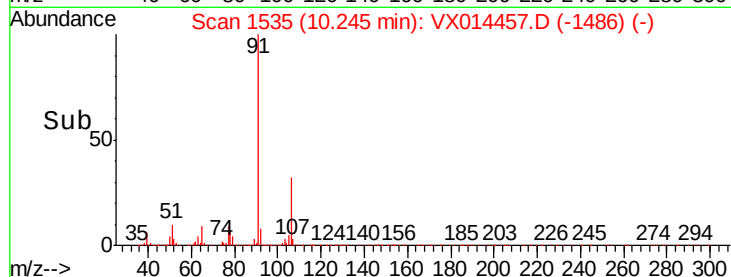
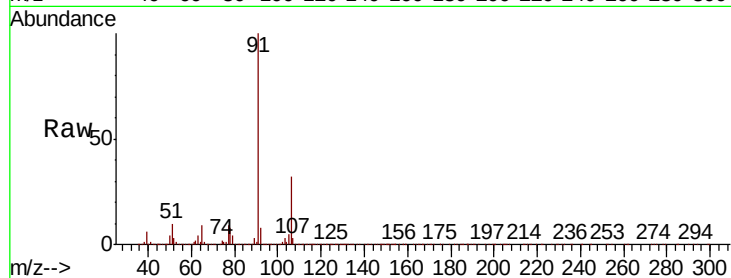
MW-3

Tot Ion: 91 Resp: 2749905

Ion Ratio Lower Upper

91 100

106 32.0 25.6 38.4



#68

m/p-Xylenes

Concen: 249.876 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014457.D

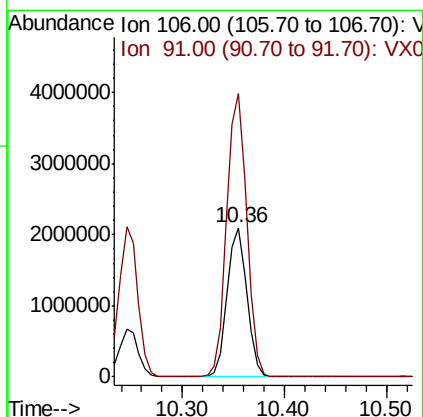
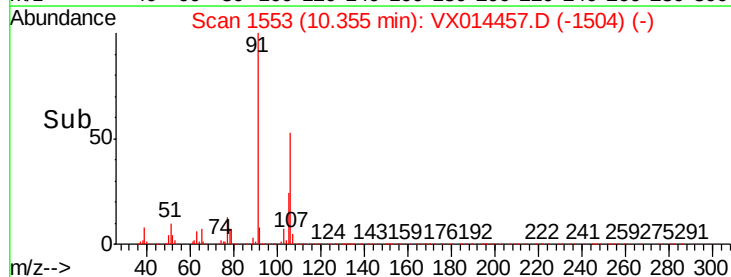
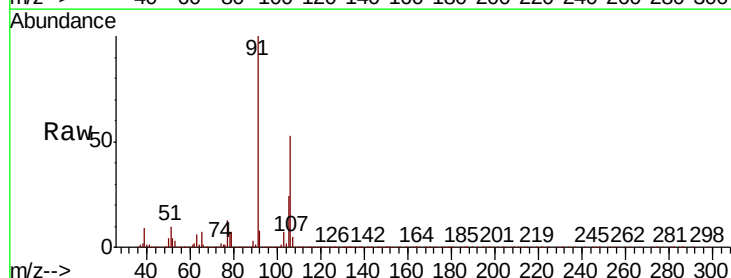
Acq: 07 Jan 2020 18:54

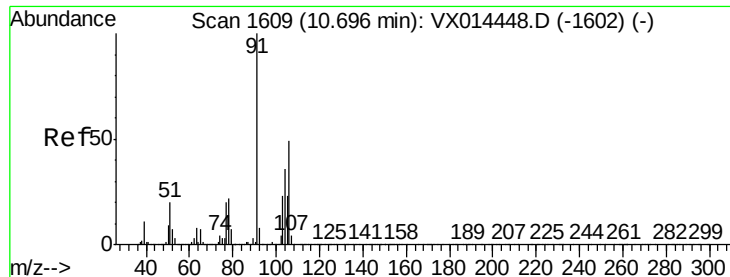
Tgt Ion:106 Resp: 2777699

Ion Ratio Lower Upper

106 100

91 194.3 157.4 236.0

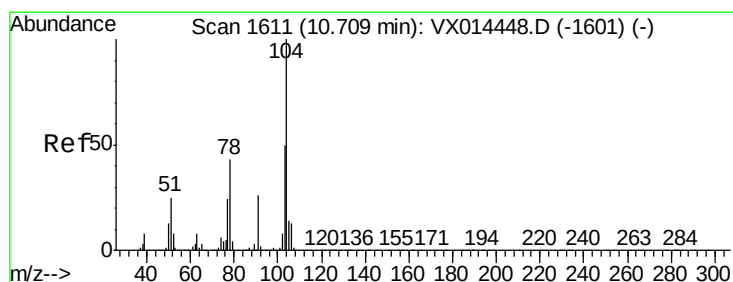
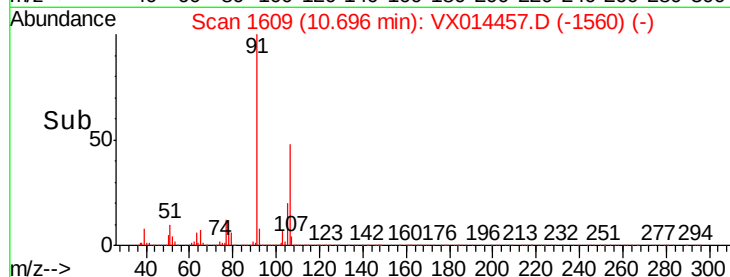
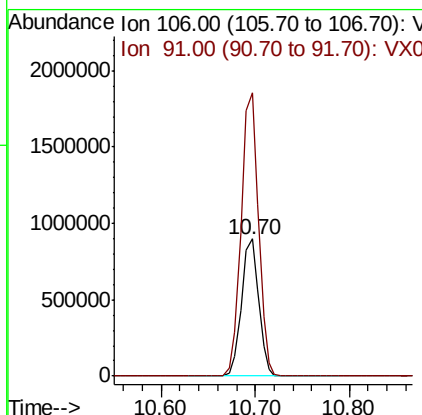
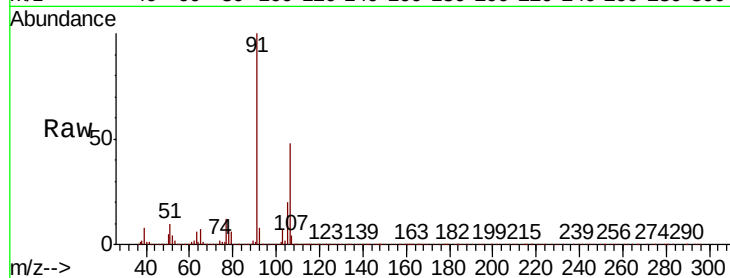




#69
o-Xylene
Concen: 107.799 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

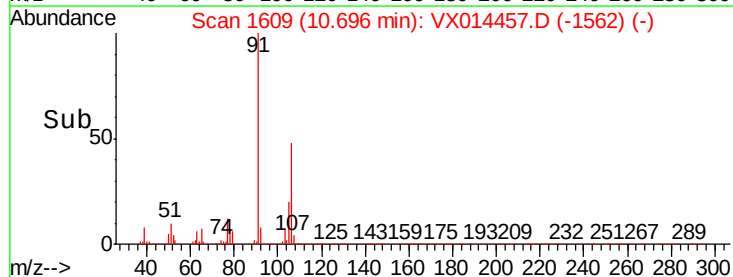
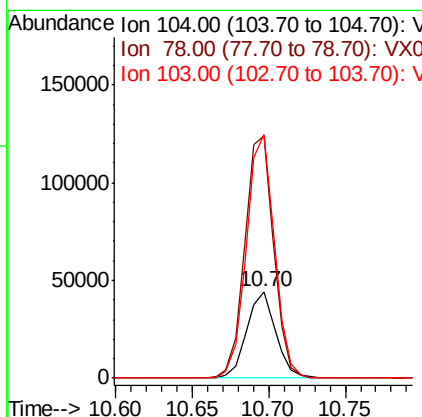
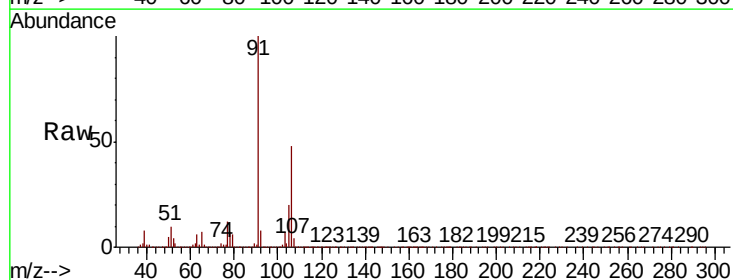
Instrument :
MSVOA_X
ClientSampled :
MW-3

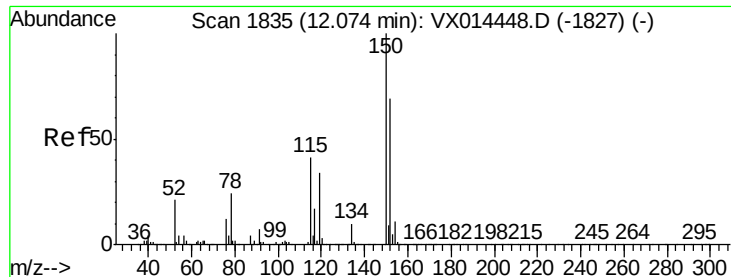
Tot Ion:106 Resp: 1143355
Ion Ratio Lower Upper
106 100
91 208.2 105.1 315.1



#70
Styrene
Concen: 3.191 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion:104 Resp: 58405
Ion Ratio Lower Upper
104 100
78 277.7 38.6 58.0#
103 271.9 43.7 65.5#



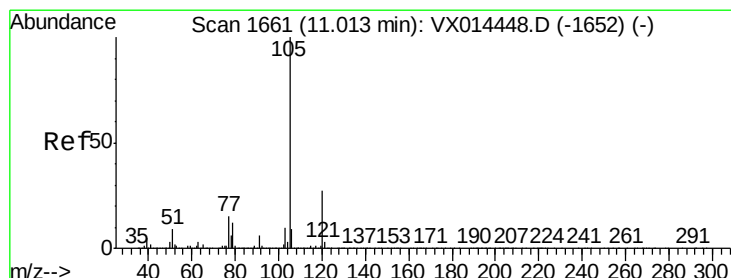
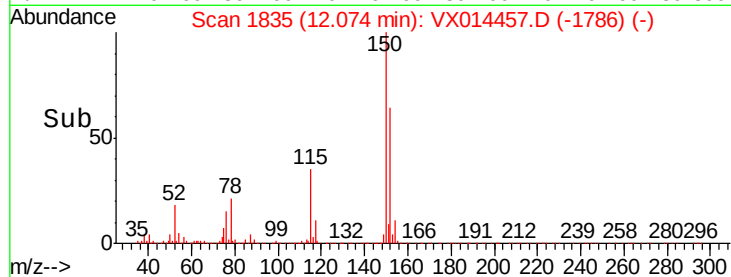
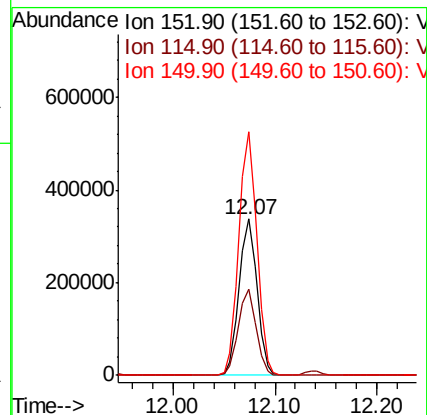
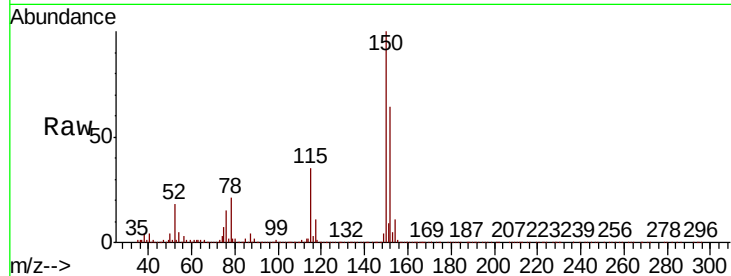


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3

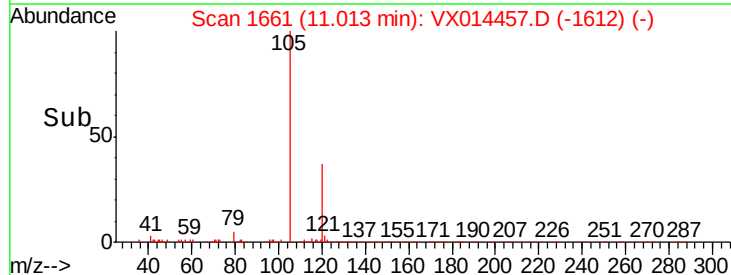
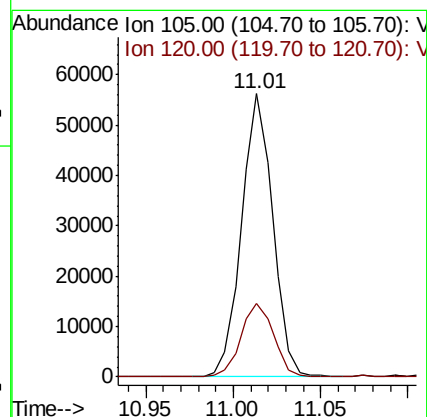
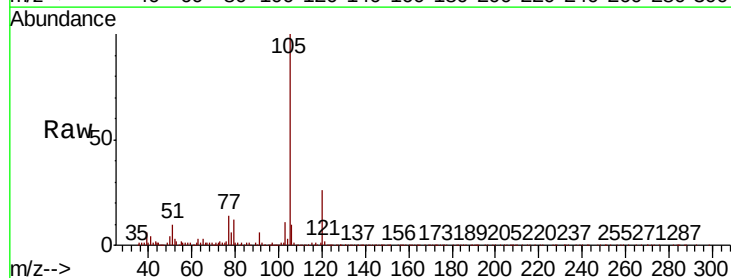
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	39.5	118.3
150	157.0	0.0	350.2

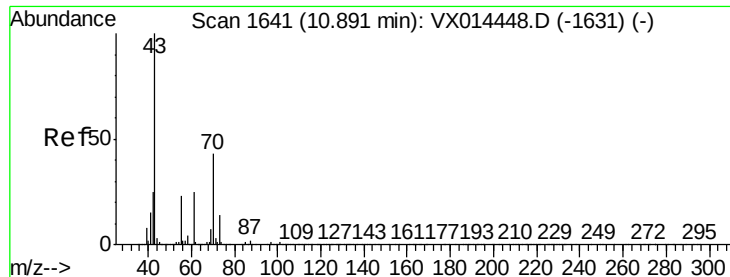


#73

Isopropylbenzene
Concen: 2.430 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.4	40.2

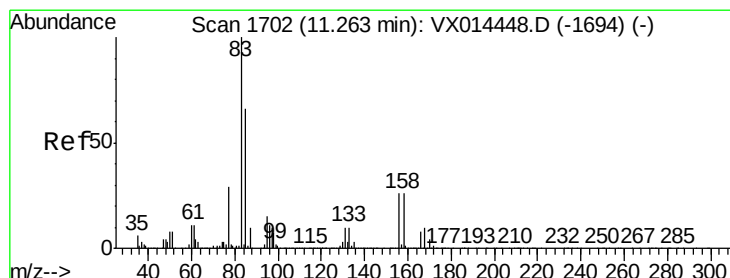
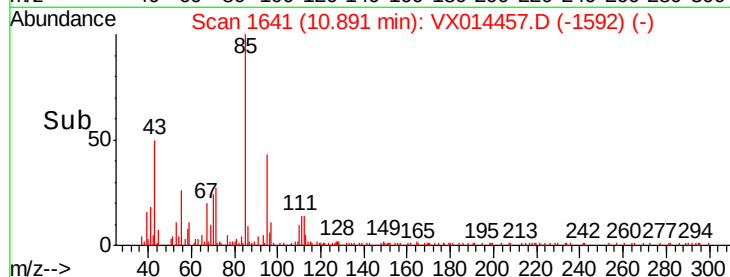
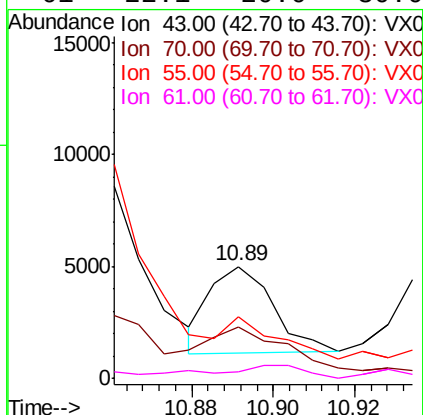
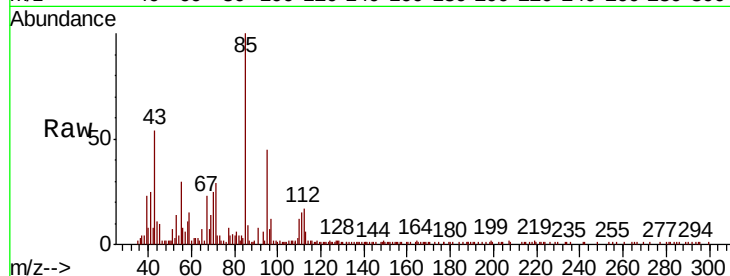




#74
N-amvl acetate
Concen: 0.331 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

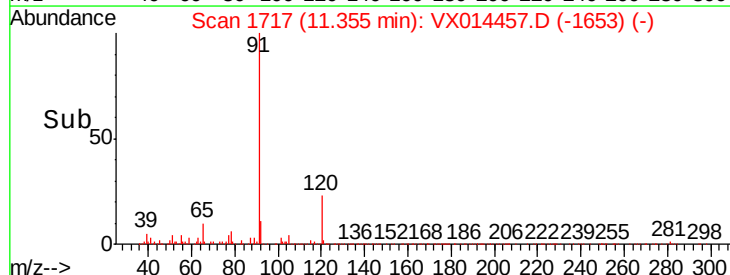
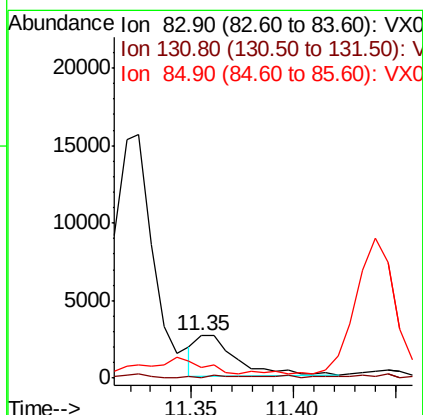
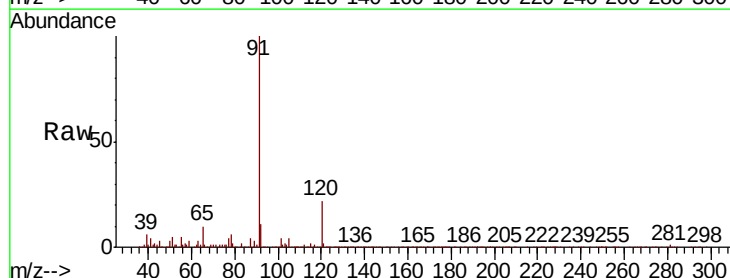
Instrument :
MSVOA_X
ClientSampled :
MW-3

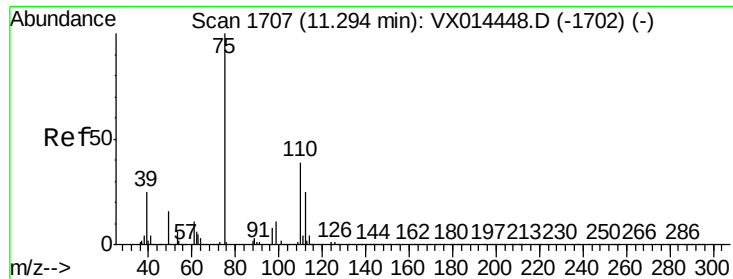
Tot Ion:	43	Resp:	4166
Ion	Ratio	Lower	Upper
43	100		
70	70.1	35.1	52.7#
55	0.0	19.3	28.9#
61	22.1	20.0	30.0



#75
1,1,2,2-Tetrachloroethane
Concen: 0.389 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.09 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion:	83	Resp:	3551
Ion	Ratio	Lower	Upper
83	100		
131	7.5	5.1	15.4
85	62.9	32.5	97.4

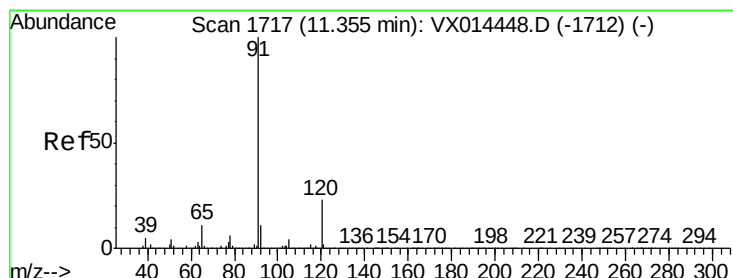
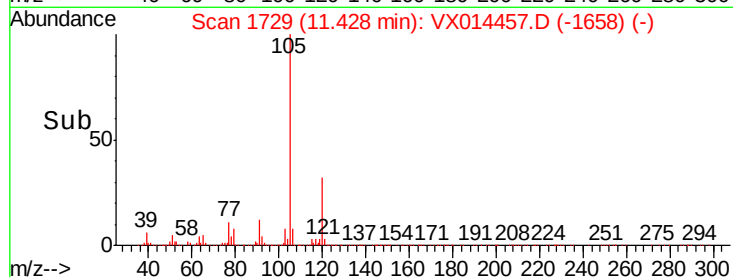
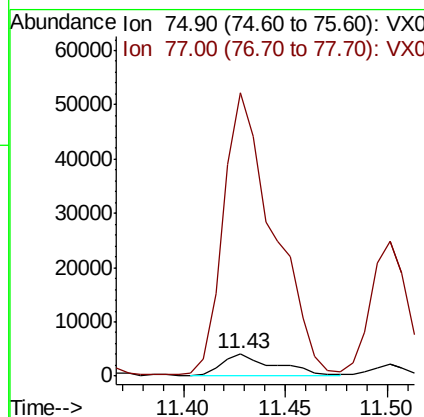
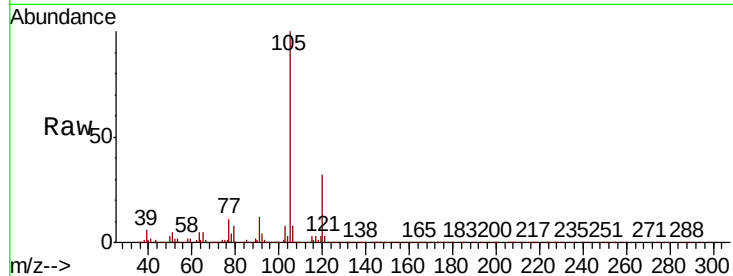




#76
 1,2,3-Trichloropropane
 Concen: 0.854 ug/l
 RT: 11.43 min Scan# 1729
 Delta R.T. 0.13 min
 Lab File: VX014457.D
 Acq: 07 Jan 2020 18:54

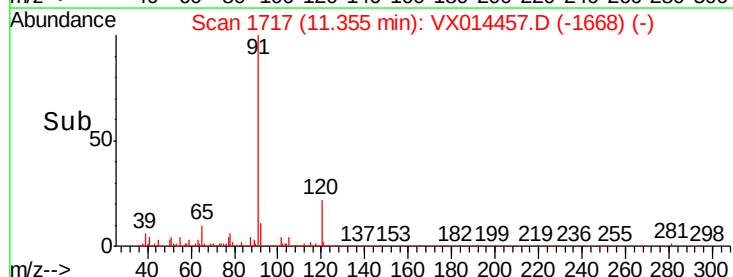
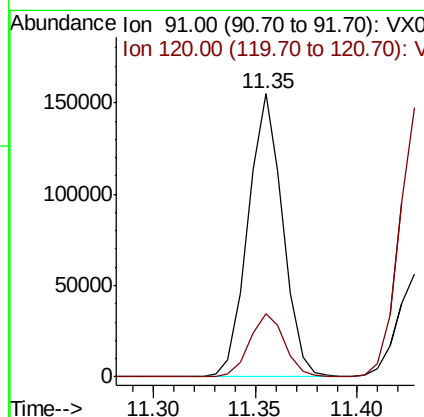
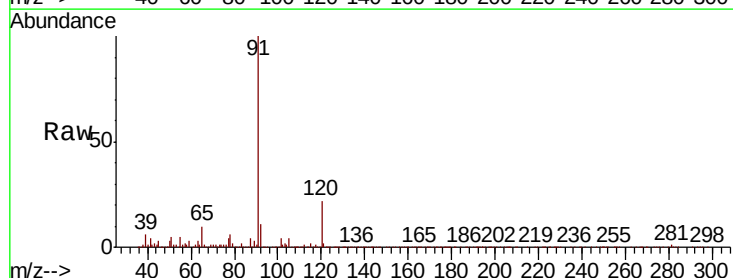
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

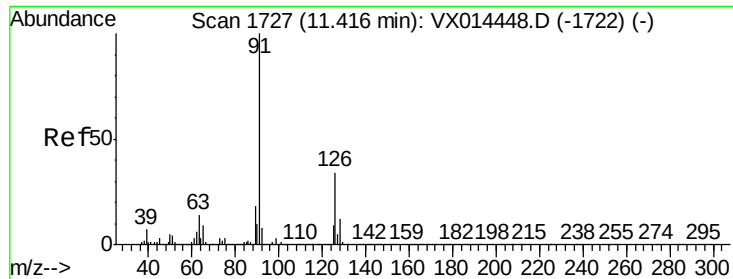
Tot Ion: 75 Resp: 7167
 Ion Ratio Lower Upper
 75 100
 77 1239.3 21.9 65.7#



#78
 n-propylbenzene
 Concen: 5.558 ug/l
 RT: 11.35 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: VX014457.D
 Acq: 07 Jan 2020 18:54

Tgt Ion: 91 Resp: 181371
 Ion Ratio Lower Upper
 91 100
 120 22.9 11.9 35.5

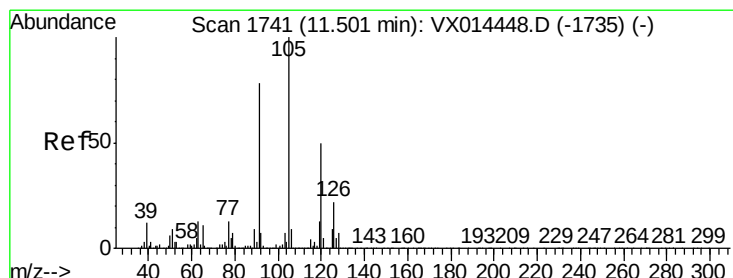
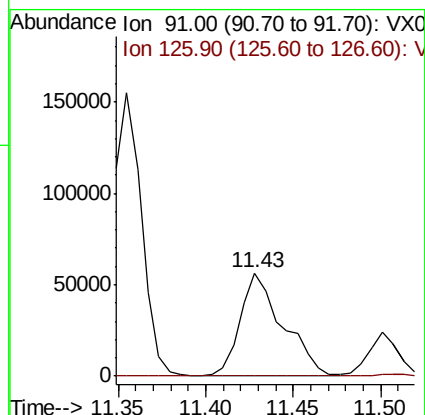
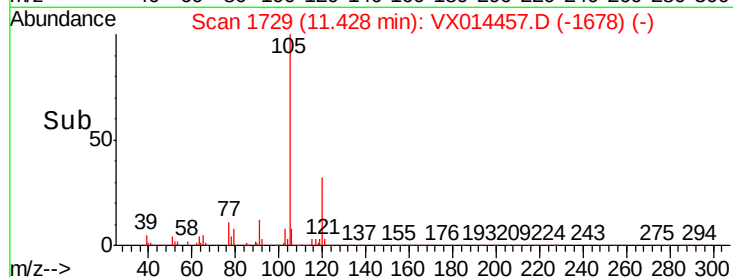
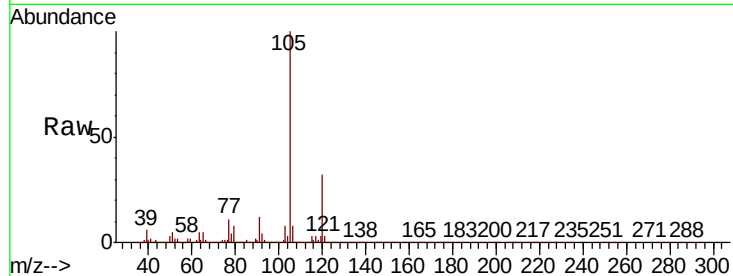




#79
 2-Chlorotoluene
 Concen: 4.869 ug/l
 RT: 11.43 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: VX014457.D
 Acq: 07 Jan 2020 18:54

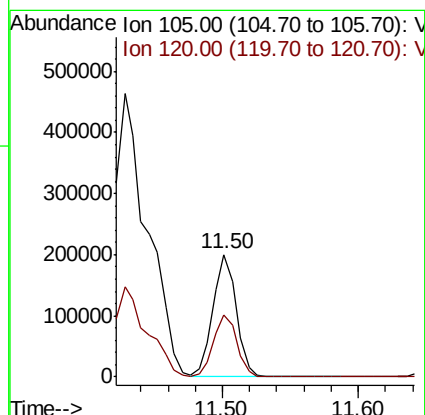
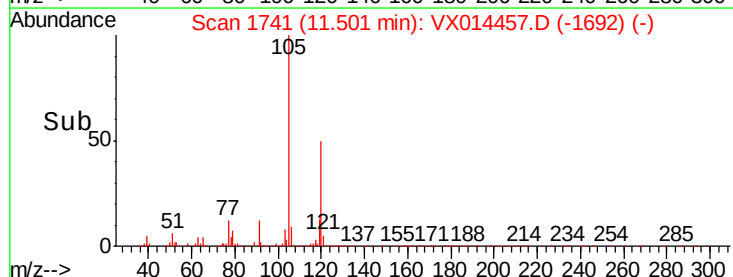
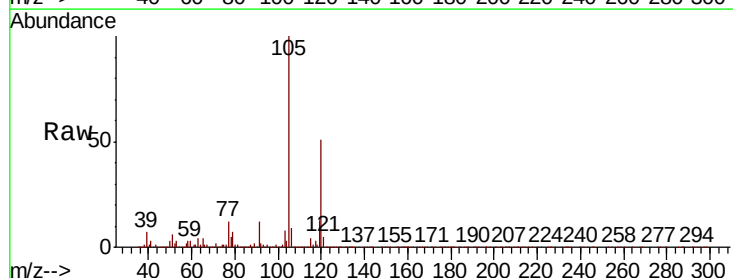
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

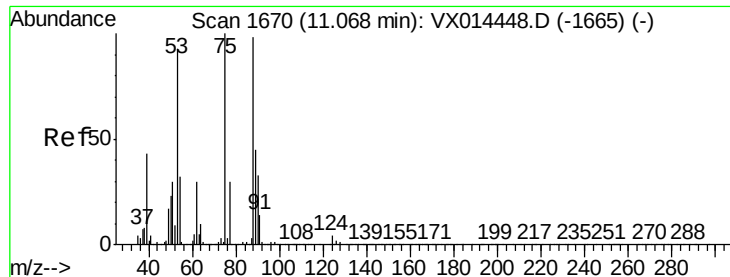
Tot Ion: 91 Resp: 94686
 Ion Ratio Lower Upper
 91 100
 126 0.6 17.5 52.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 10.097 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014457.D
 Acq: 07 Jan 2020 18:54

Tgt Ion: 105 Resp: 238832
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 55.725 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3

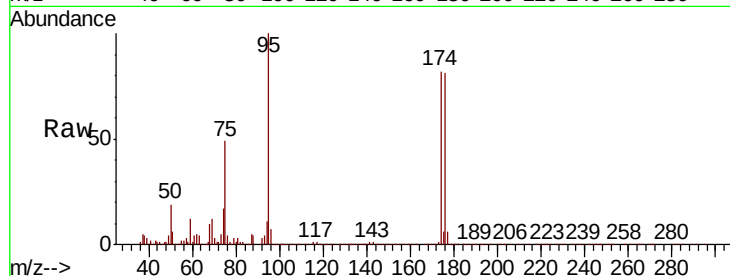
Tot Ion: 75 Resp: 176942

Ion Ratio Lower Upper

75 100

53 0.6 74.8 112.2#

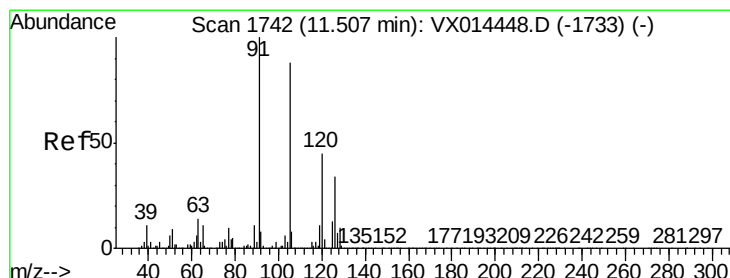
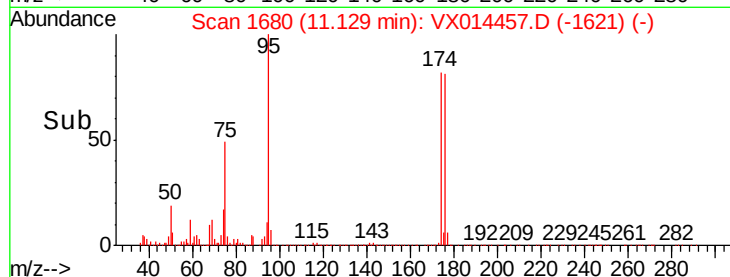
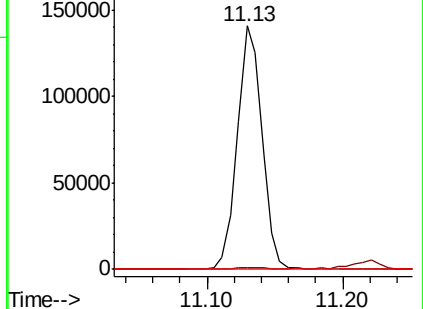
89 0.0 36.3 54.5#



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: 1.204 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX014457.D

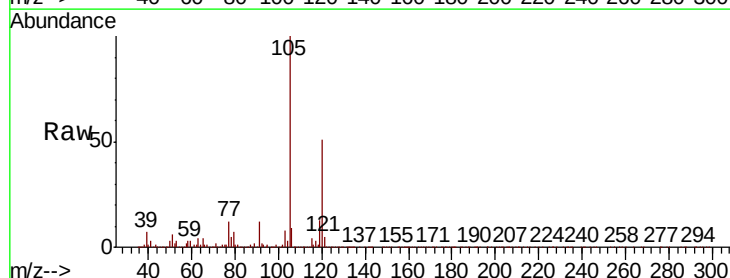
Acq: 07 Jan 2020 18:54

Tgt Ion: 91 Resp: 27492

Ion Ratio Lower Upper

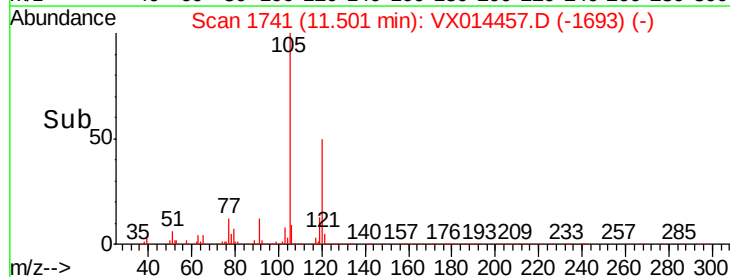
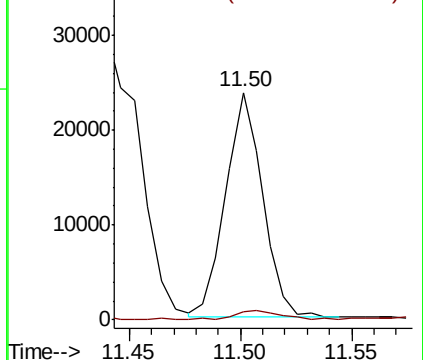
91 100

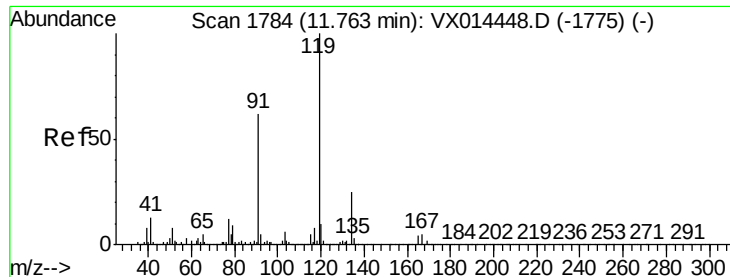
126 5.1 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

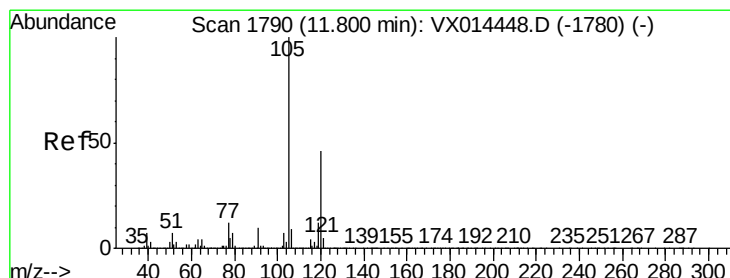
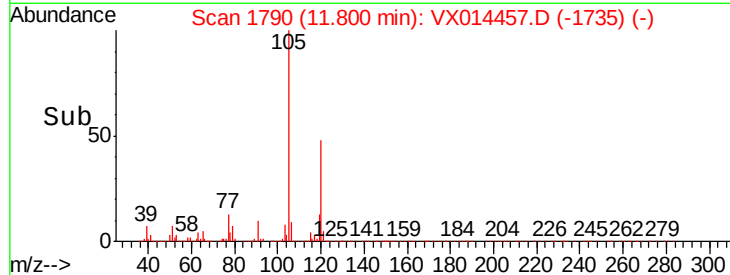
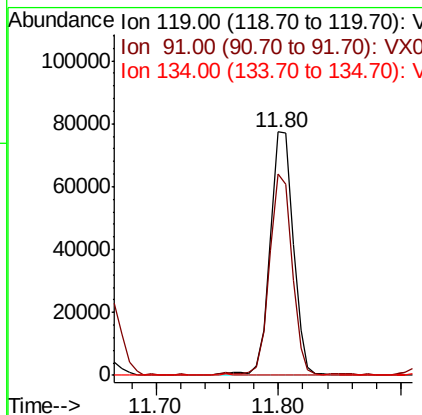
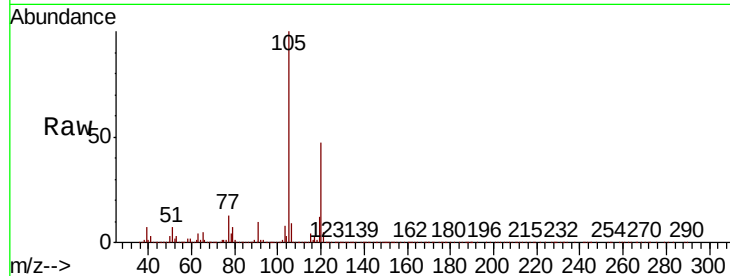




#83
 tert-Butylbenzene
 Concen: 4.565 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.04 min
 Lab File: VX014457.D
 Acq: 07 Jan 2020 18:54

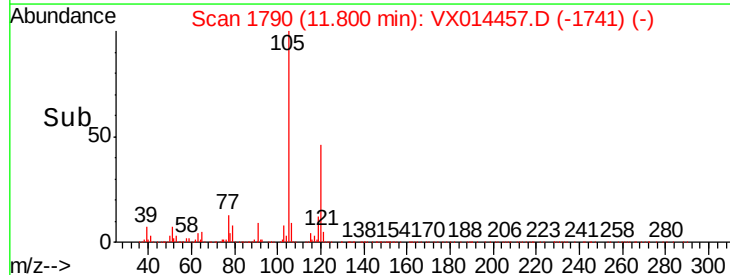
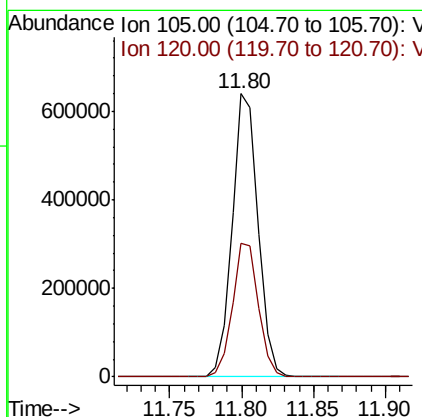
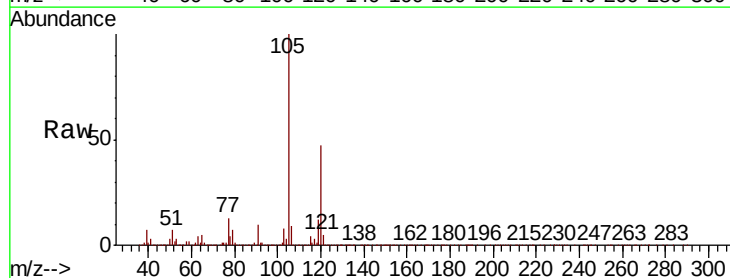
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

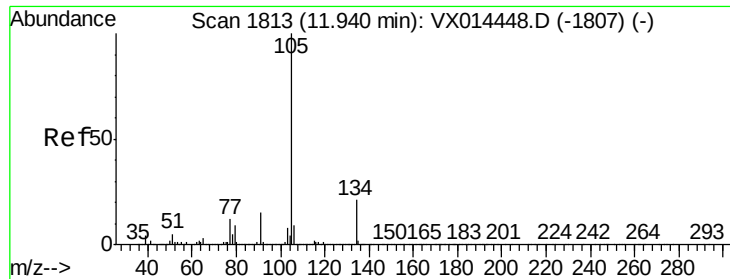
Tot Ion	Ratio	Lower	Upper
119	100		
91	78.8	29.3	88.0
134	0.2	12.4	37.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 33.632 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014457.D
 Acq: 07 Jan 2020 18:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.1	69.3

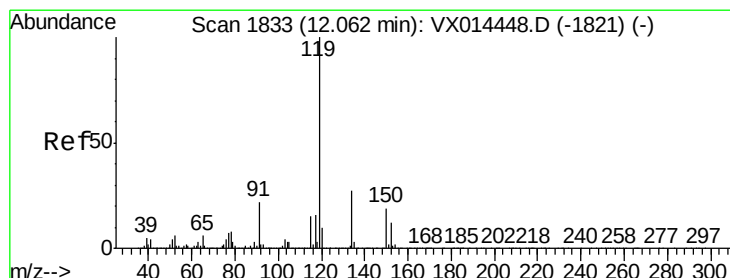
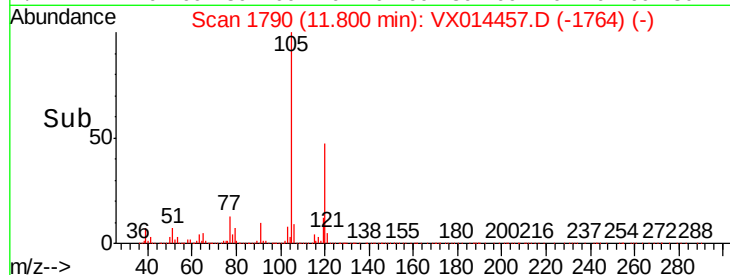
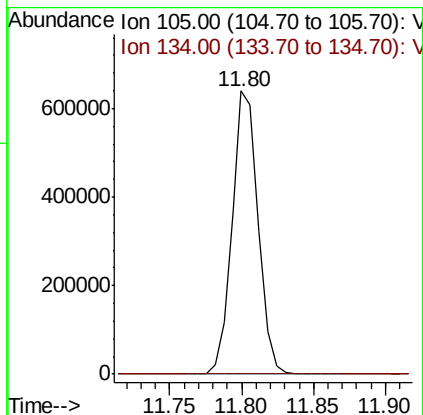
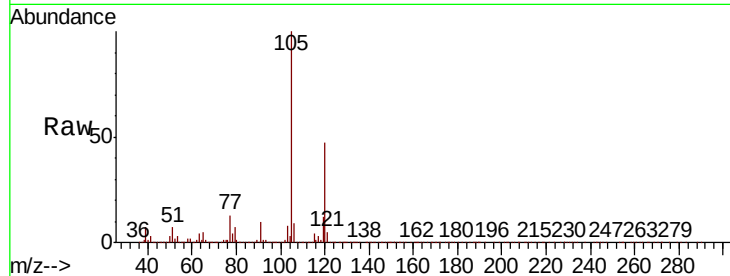




#85
 sec-Butylbenzene
 Concen: 28.932 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.14 min
 Lab File: VX014457.D
 Acq: 07 Jan 2020 18:54

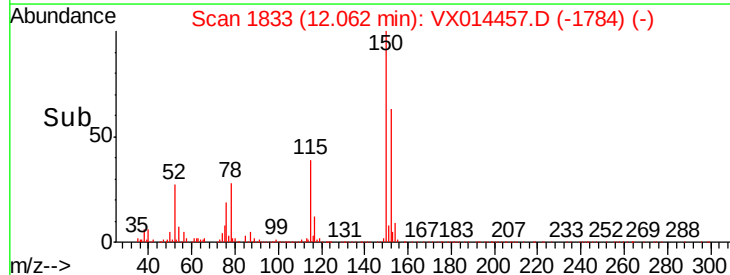
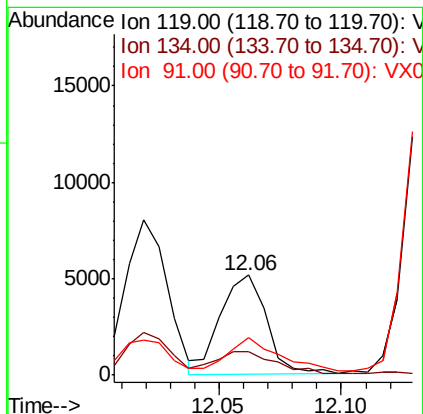
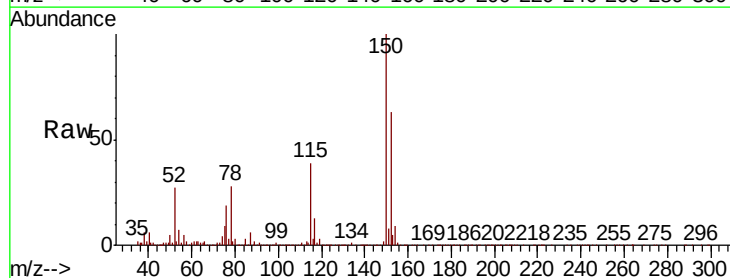
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

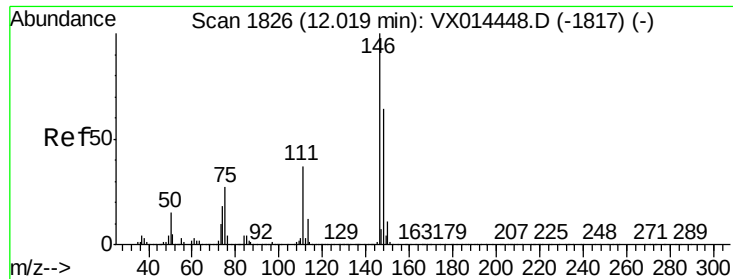
Tot Ion:105 Resp: 803882
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.5#



#86
 p-Isopropyltoluene
 Concen: 0.262 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014457.D
 Acq: 07 Jan 2020 18:54

Tgt Ion:119 Resp: 6767
 Ion Ratio Lower Upper
 119 100
 134 29.2 13.5 40.4
 91 36.3 11.1 33.3#





#87

1,3-Dichlorobenzene

Concen: 0.226 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

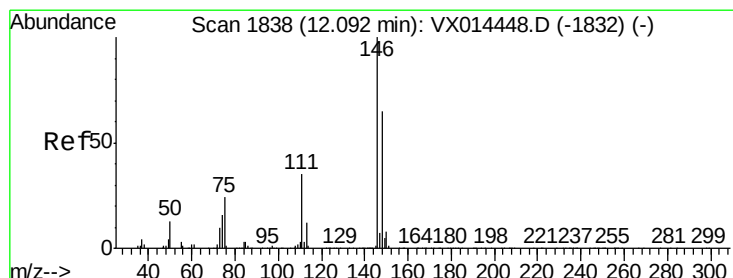
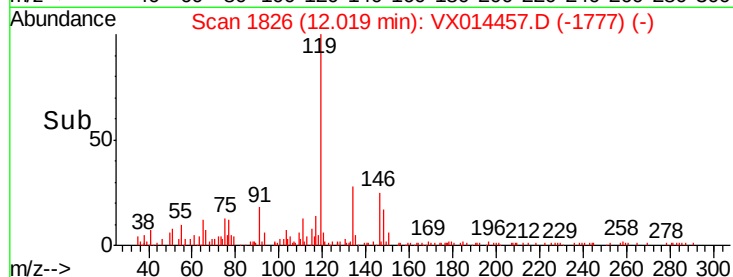
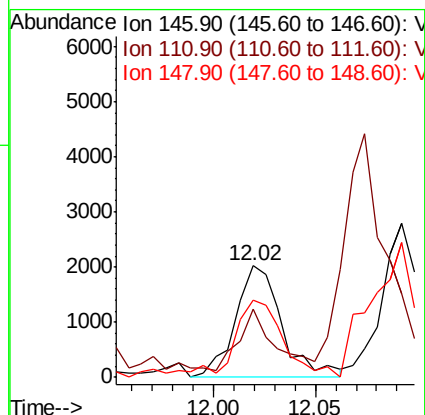
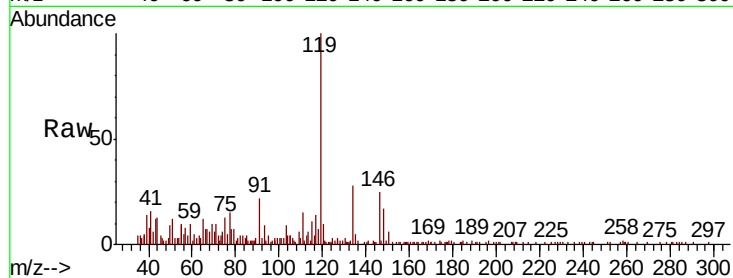
Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tot Ion:146 Resp: 3199

Ion	Ratio	Lower	Upper
146	100		
111	41.9	18.9	56.7
148	71.5	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 12.02 min Scan# 1826

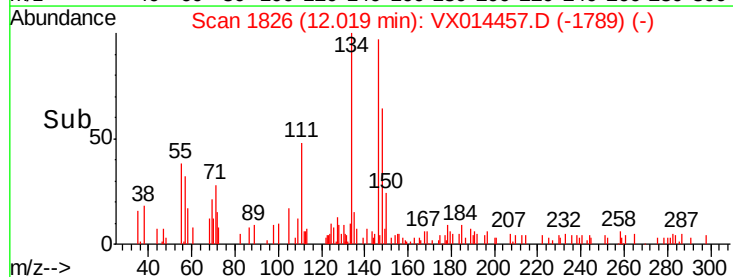
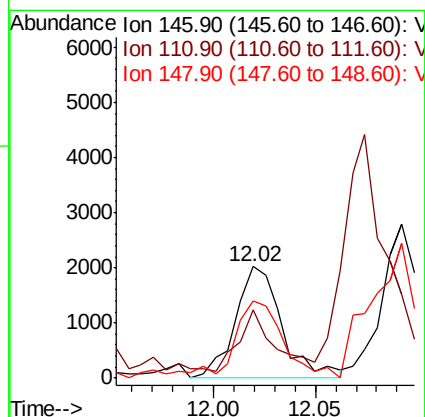
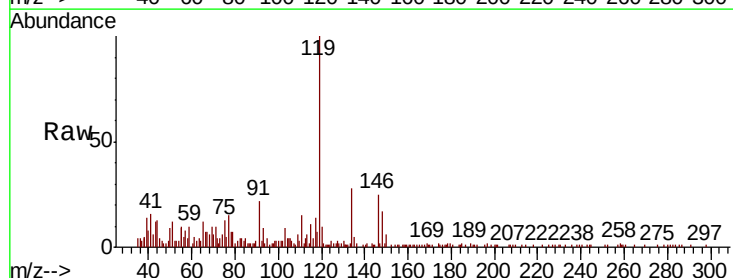
Delta R.T. -0.07 min

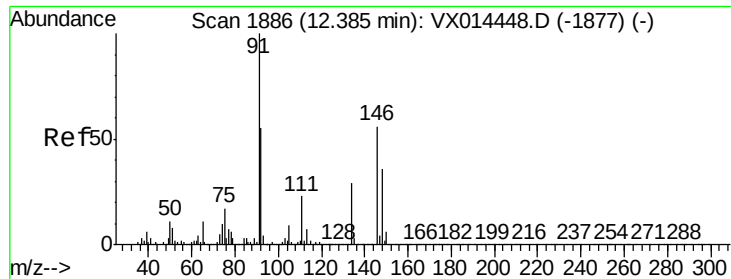
Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Tgt Ion:146 Resp: 3199

Ion	Ratio	Lower	Upper
146	100		
111	42.1	18.1	54.1
148	71.5	32.1	96.3





#89

n-Butylbenzene

Concen: 0.932 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampled :

MW-3

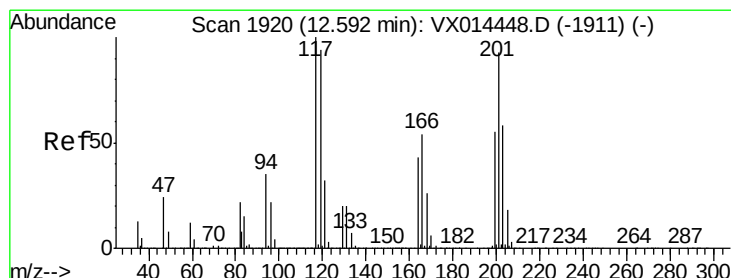
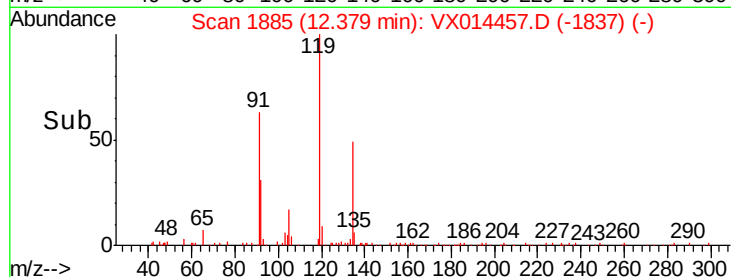
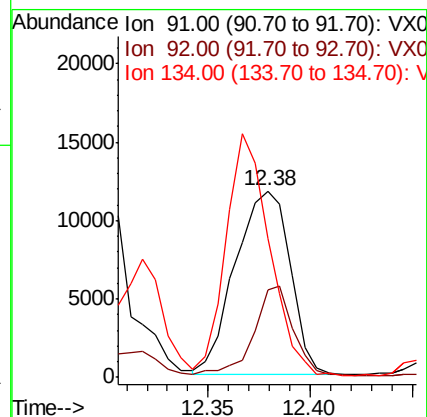
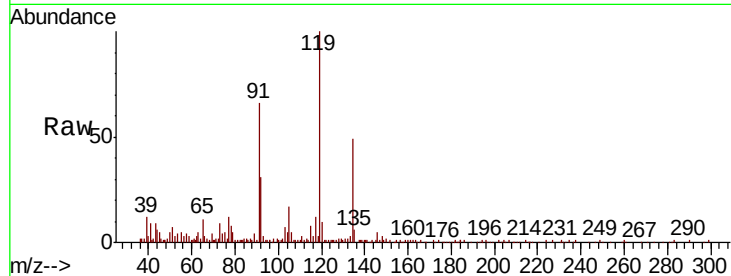
Tot Ion: 91 Resp: 21975

Ion Ratio Lower Upper

91 100

92 36.0 27.4 82.2

134 103.7 13.9 41.7#



#90

Hexachloroethane

Concen: 2.280 ug/l

RT: 12.70 min Scan# 1937

Delta R.T. 0.10 min

Lab File: VX014457.D

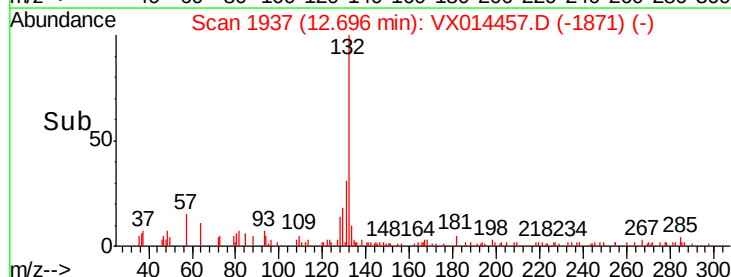
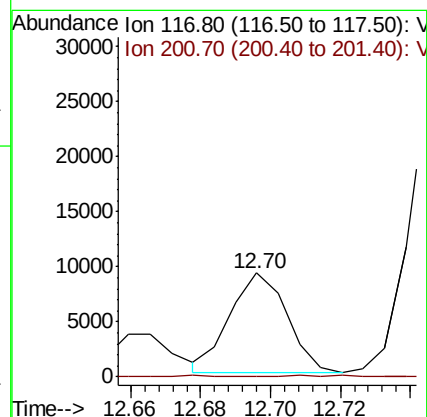
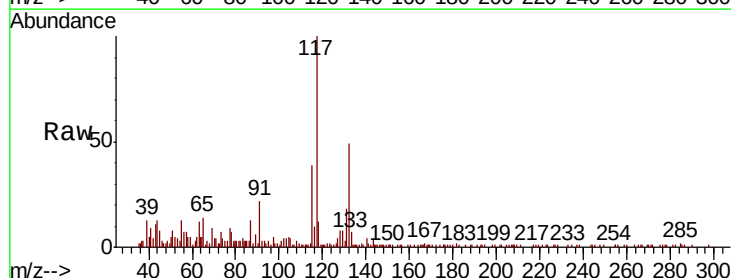
Acq: 07 Jan 2020 18:54

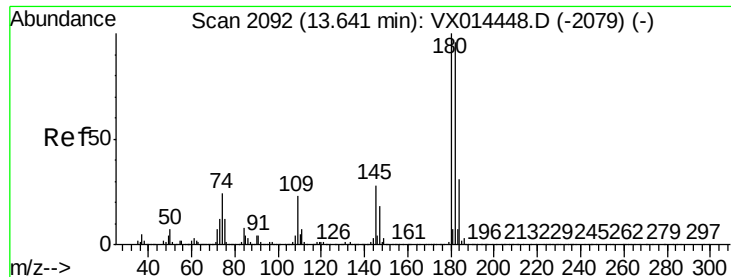
Tgt Ion: 117 Resp: 10325

Ion Ratio Lower Upper

117 100

201 2.0 44.8 134.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.387 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3

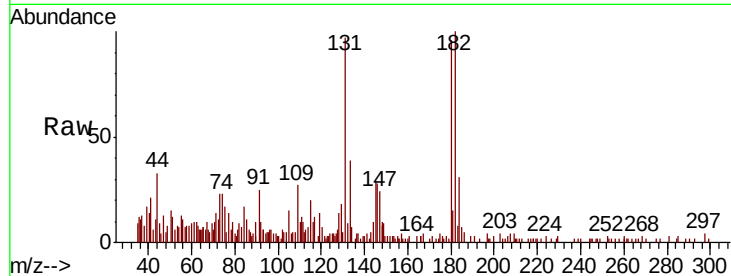
Tot Ion:180 Resp: 4856

Ion Ratio Lower Upper

180 100

182 91.8 47.5 142.5

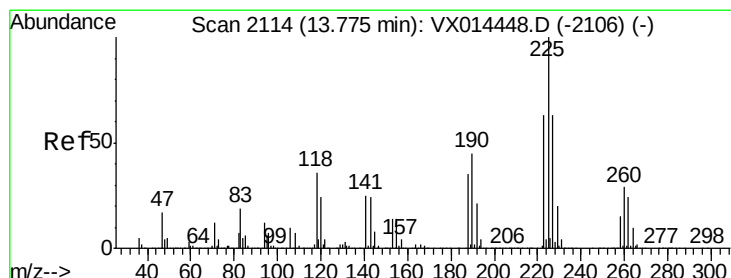
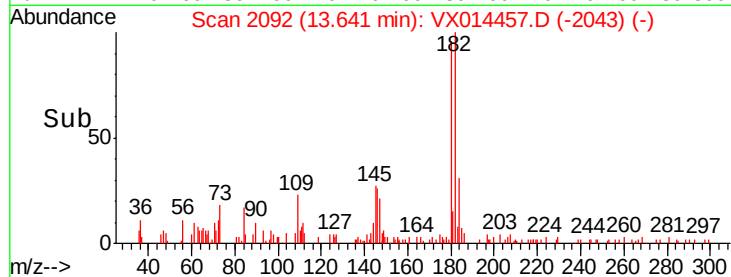
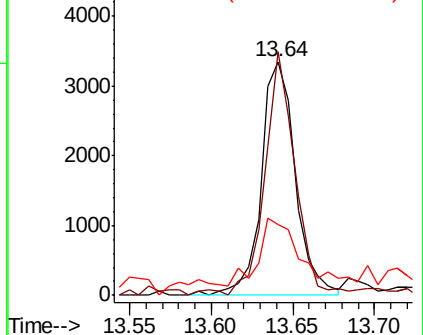
145 48.5 13.9 41.6#



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: 0.360 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

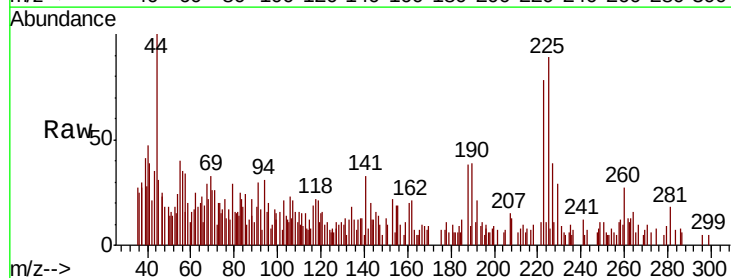
Tgt Ion:225 Resp: 1365

Ion Ratio Lower Upper

225 100

223 86.0 31.1 93.2

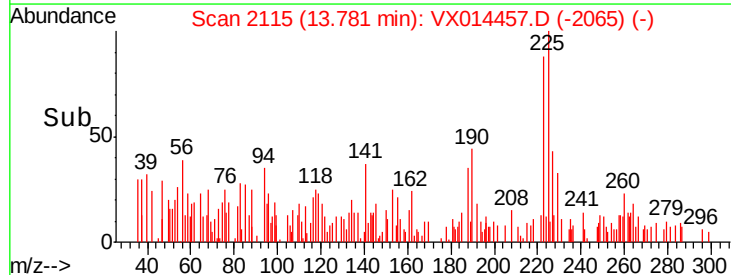
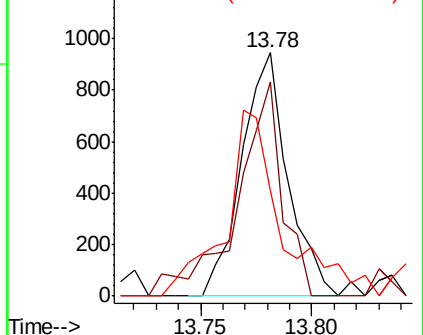
227 93.4 31.4 94.2

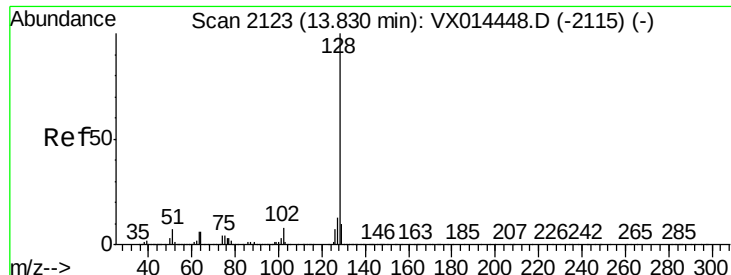


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 7.006 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.9	8.7	13.1

