

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019731.D
 Acq On : 04 Dec 2020 20:50
 Operator : JC/MD
 Sample : L4960-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Dec 05 03:51:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	331928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	524382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	478017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224428	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	195501	44.81	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.62%
35) Dibromofluoromethane	5.46	113	161436	47.64	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.28%
50) Toluene-d8	8.70	98	645168	49.86	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.72%
62) 4-Bromofluorobenzene	11.12	95	239718	48.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.36%

Target Compounds

					Qvalue
5) Bromomethane	1.64	94	268	0.214 ug/l #	70
6) Chloroethane	1.93	64	1104	0.488 ug/l #	43
11) Tert butyl alcohol	3.01	59	728	Below Cal #	73
13) Acrolein	2.37	56	33158	68.859 ug/l #	75
14) Allyl chloride	2.82	41	234467	45.649 ug/l #	61
15) Acrylonitrile	3.15	53	36397	18.455 ug/l #	40
16) Acetone	2.37	43	82507	50.317 ug/l #	50
17) Carbon Disulfide	2.55	76	2037	0.233 ug/l #	91
18) Methyl Acetate	2.82	43	581076	144.811 ug/l #	47
20) Methylene Chloride	2.82	84	4294	Below Cal #	1
23) Vinyl Acetate	3.79	43	1809	0.204 ug/l #	68
25) 2-Butanone	4.64	43	3623	1.438 ug/l	99
29) Tetrahydrofuran	5.03	42	794	0.489 ug/l #	27
30) Chloroform	5.24	83	27521	4.274 ug/l #	40
31) Cyclohexane	5.55	56	170481	31.416 ug/l #	93
36) 1,1-Dichloropropene	5.63	75	24947	5.265 ug/l #	48
37) Ethyl Acetate	4.87	43	1781	0.372 ug/l #	1
38) Carbon Tetrachloride	5.63	117	31749	6.842 ug/l #	15
39) Methylcyclohexane	7.44	83	283053	50.843 ug/l	93
41) Methacrylonitrile	5.03	41	6570	2.501 ug/l #	44
43) Isopropyl Acetate	6.43	43	14009	1.801 ug/l #	59
45) 1,2-Dichloropropane	7.43	63	3428	0.948 ug/l #	1
46) Dibromomethane	7.61	93	1444	0.591 ug/l #	1
47) Bromodichloromethane	7.93	83	8579	1.770 ug/l #	25
48) Methyl methacrylate	7.71	41	38228	9.993 ug/l #	46
51) 4-Methyl-2-Pentanone	8.66	43	15317	3.225 ug/l #	32
52) Toluene	8.76	92	11307	1.249 ug/l	99
55) 1,1,2-Trichloroethane	9.15	97	73133	20.046 ug/l #	19
56) Ethyl methacrylate	9.15	69	17403	3.153 ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.24	63	1554	0.531 ug/l #	45
59) 2-Hexanone	9.48	43	953	0.259 ug/l	79
67) Ethyl Benzene	10.23	91	236070	13.965 ug/l	100
68) m/p-Xylenes	10.34	106	8380	1.316 ug/l	91
73) Isopropylbenzene	11.00	105	787383	51.353 ug/l	99

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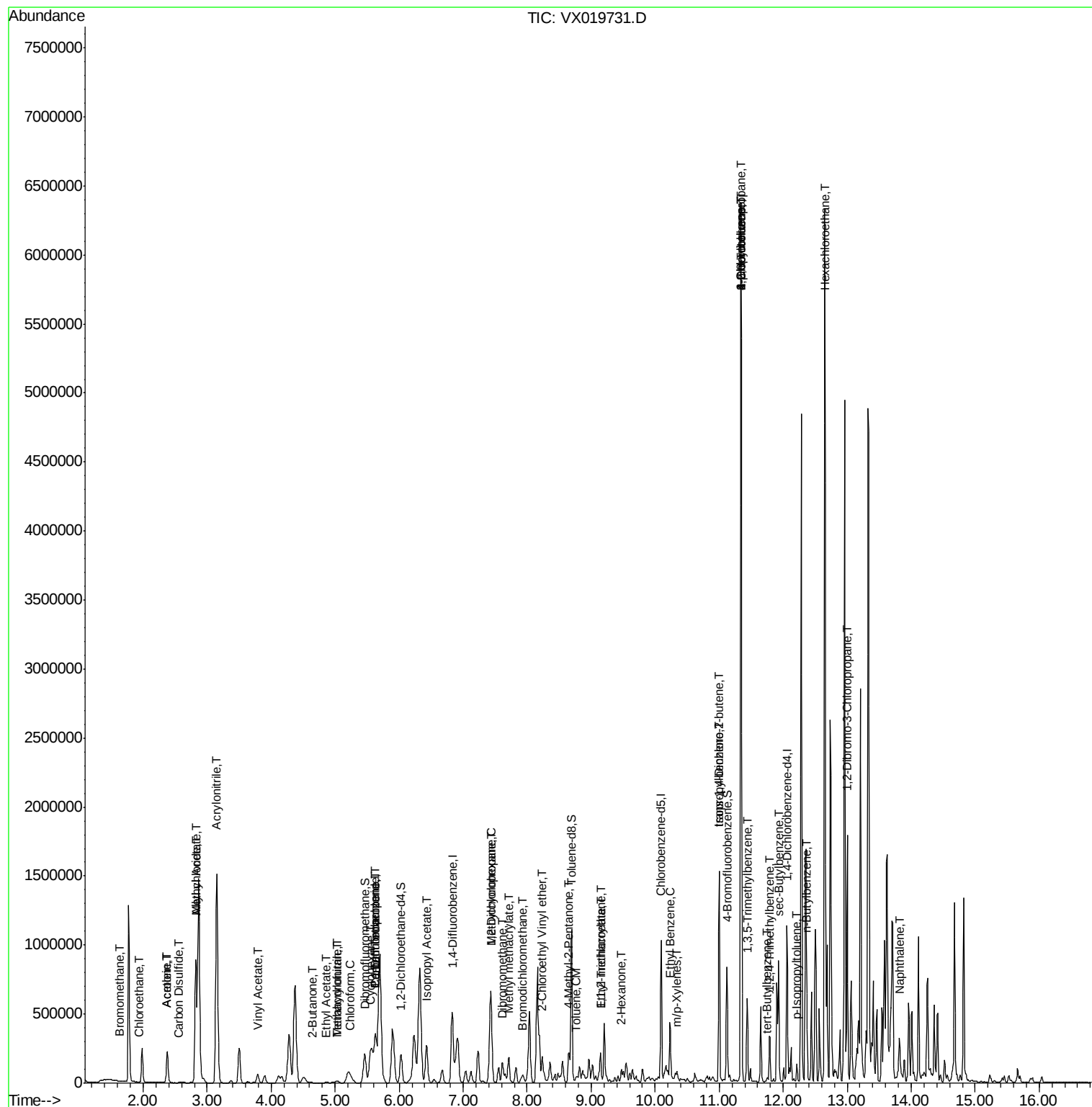
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
76) 1,2,3-Trichloropropane	11.34	75	22364	4.443	ug/l #		1
78) n-propylbenzene	11.34	91	3854743	220.115	ug/l		99
79) 2-Chlorotoluene	11.34	91	3854743	357.435	ug/l #		41
80) 1,3,5-Trimethylbenzene	11.44	105	310707	24.011	ug/l		72
81) trans-1,4-Dichloro-2-buten	11.00	75	8555	4.913	ug/l #		59
82) 4-Chlorotoluene	11.34	91	3854743	305.193	ug/l #		45
83) tert-Butylbenzene	11.75	119	11323	0.892	ug/l #		43
84) 1,2,4-Trimethylbenzene	11.79	105	148186	11.368	ug/l		97
85) sec-Butylbenzene	11.93	105	475262	32.799	ug/l		99
86) p-Isopropyltoluene	12.21	119	57368	4.320	ug/l		97
89) n-Butylbenzene	12.37	91	384765	32.703	ug/l #		57
90) Hexachloroethane	12.65	117	242162	105.624	ug/l #		9
92) 1,2-Dibromo-3-Chloropropan	13.00	75	5340	4.595	ug/l #		1
95) Naphthalene	13.82	128	196583	13.268	ug/l #		93

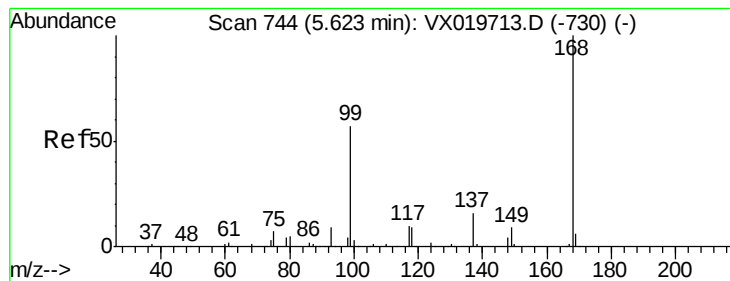
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampled :

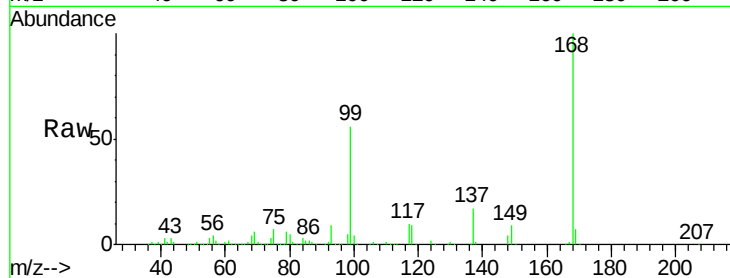
MW-5

Tot Ion:168 Resp: 331928

Ion Ratio Lower Upper

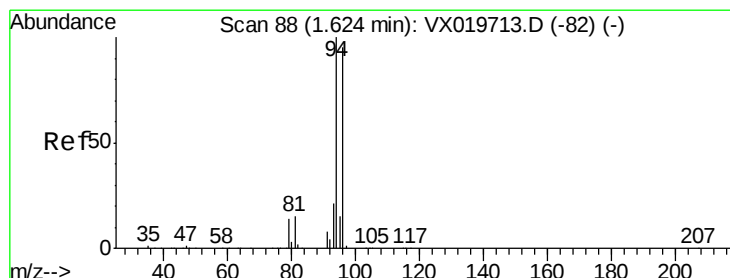
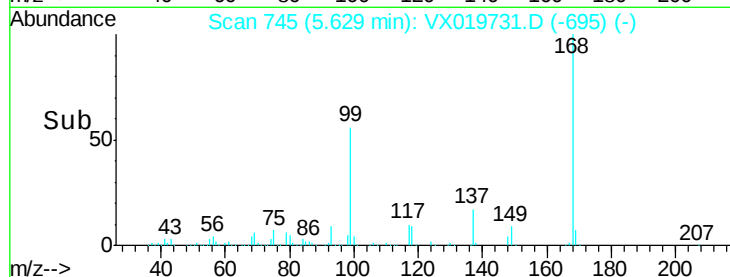
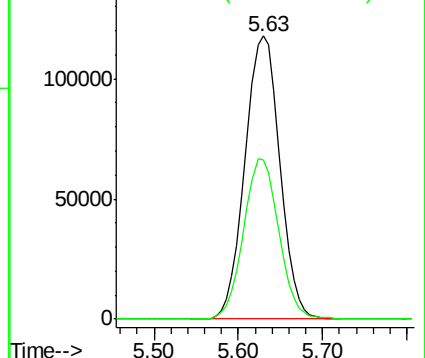
168 100

99 56.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.214 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX019731.D

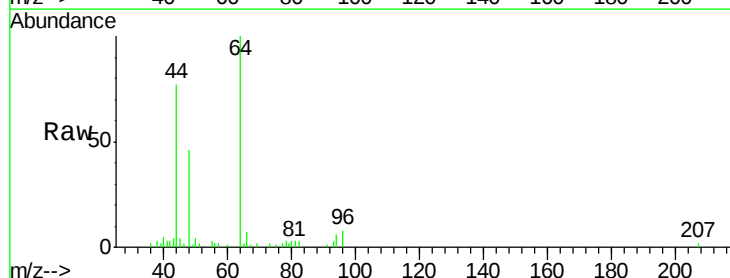
Acq: 04 Dec 2020 20:50

Tgt Ion: 94 Resp: 268

Ion Ratio Lower Upper

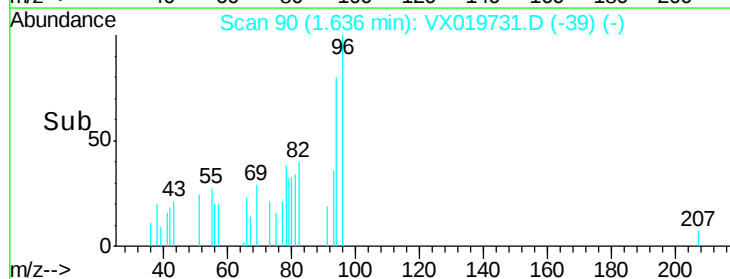
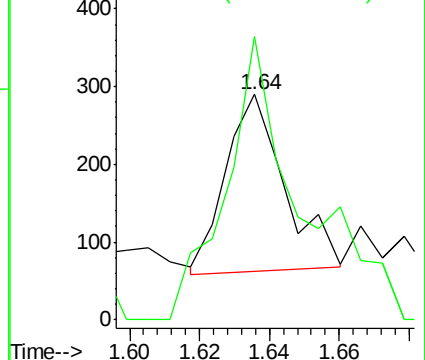
94 100

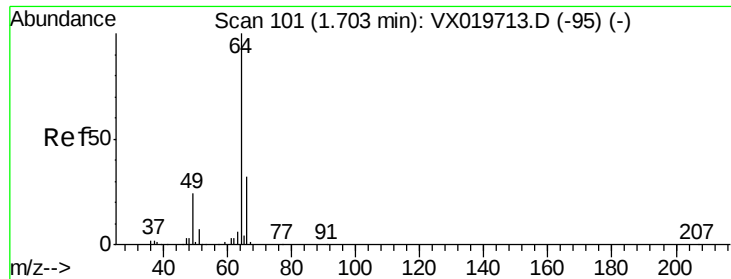
96 124.8 76.4 114.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.488 ug/l

RT: 1.93 min Scan# 139

Delta R.T. 0.23 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampled :

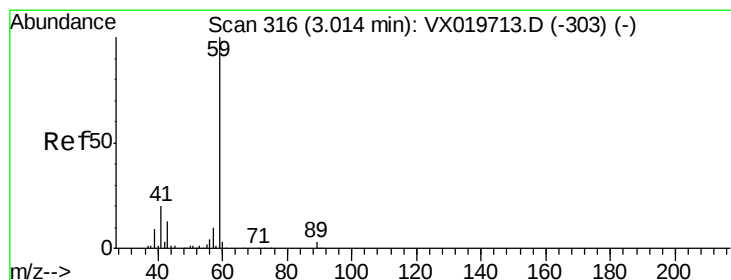
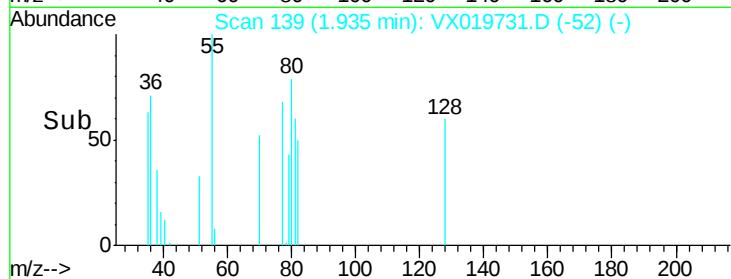
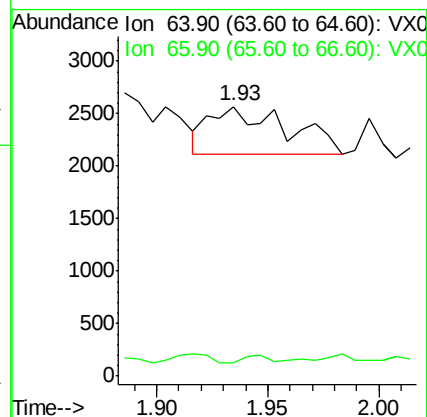
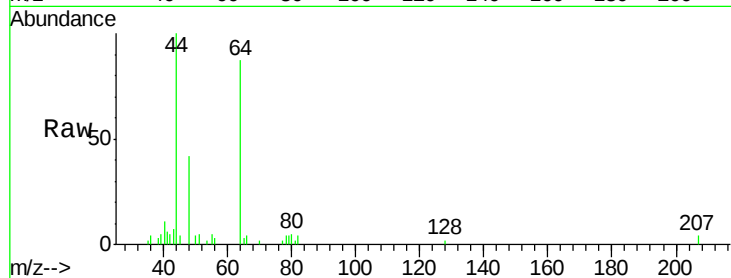
MW-5

Tot Ion: 64 Resp: 1104

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 3.01 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX019731.D

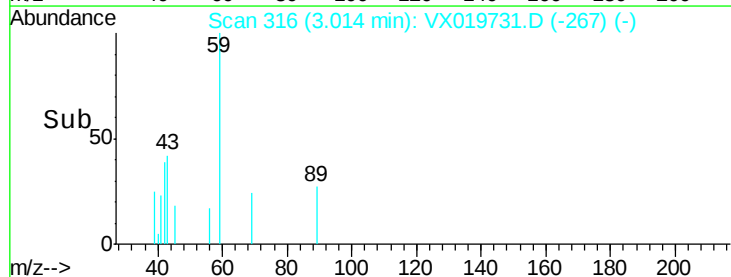
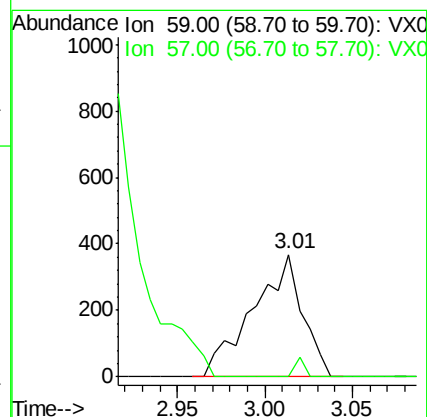
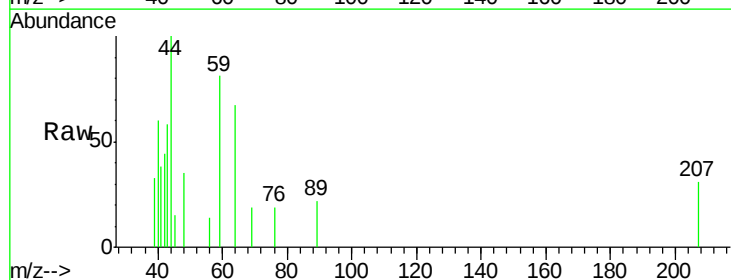
Acq: 04 Dec 2020 20:50

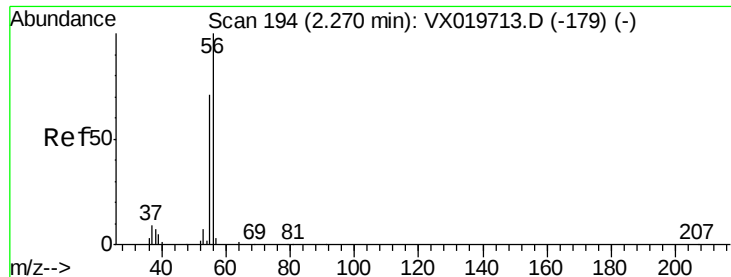
Tgt Ion: 59 Resp: 728

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#





#13

Acrolein

Concen: 68.859 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.10 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampled :

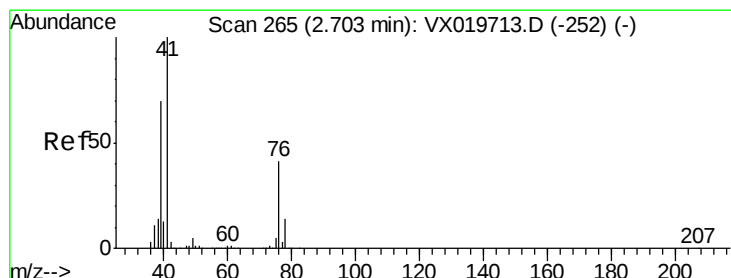
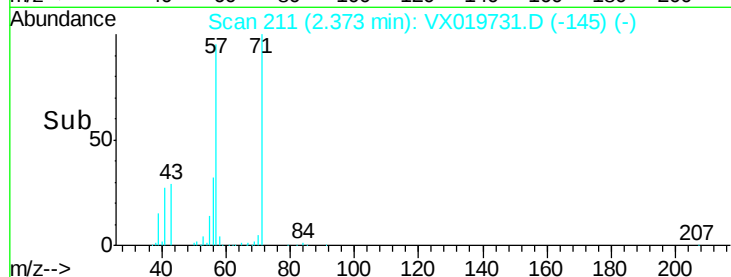
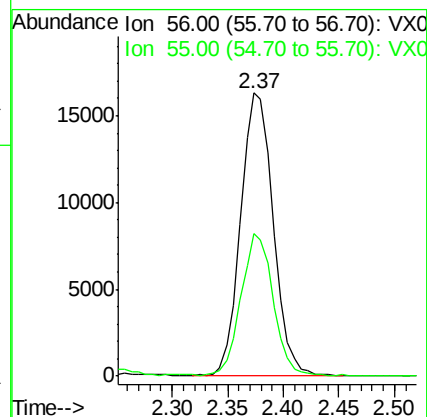
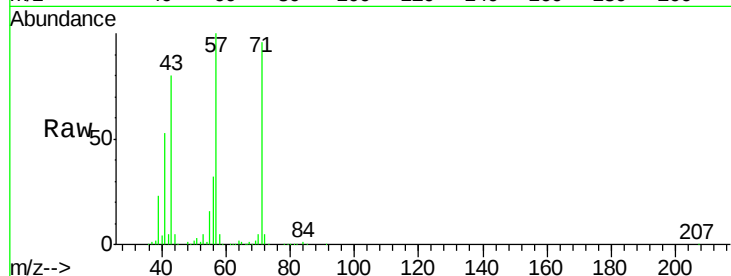
MW-5

Tot Ion: 56 Resp: 33158

Ion Ratio Lower Upper

56 100

55 50.2 56.4 84.6#



#14

Allyl chloride

Concen: 45.649 ug/l

RT: 2.82 min Scan# 285

Delta R.T. 0.12 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

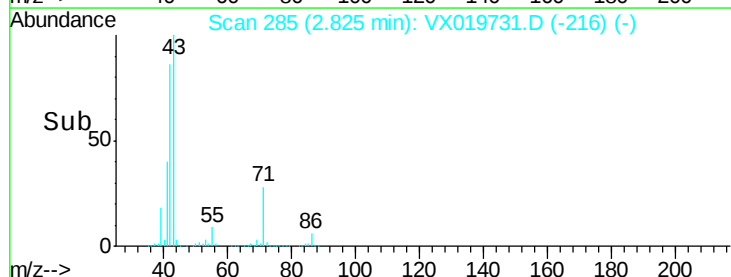
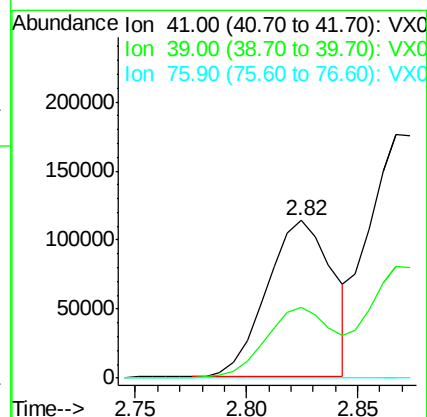
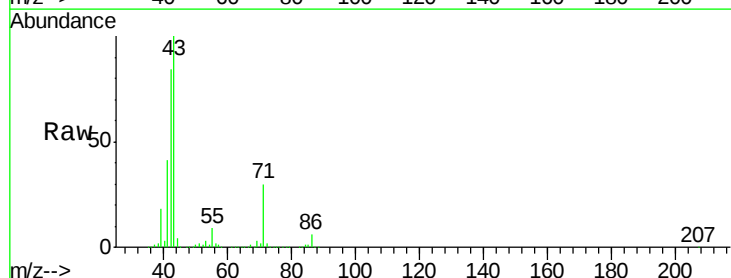
Tgt Ion: 41 Resp: 234467

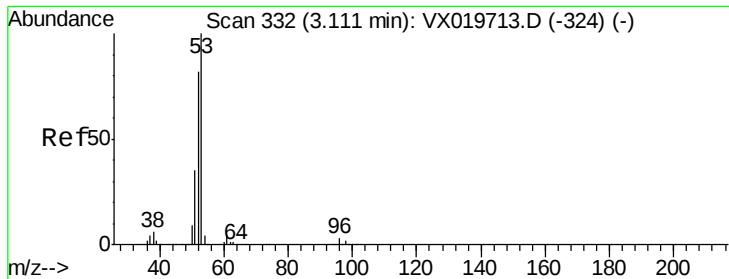
Ion Ratio Lower Upper

41 100

39 44.7 51.6 77.4#

76 0.0 30.5 45.7#





#15

Acrylonitrile

Concen: 18.455 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.04 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

MW-5

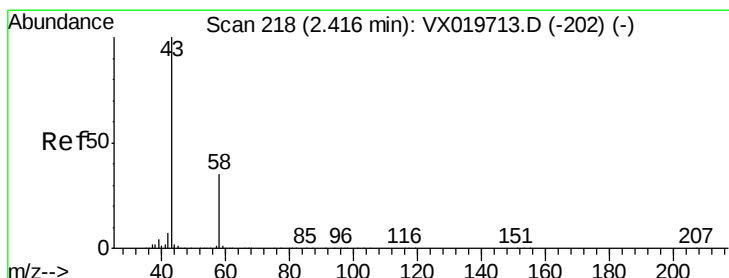
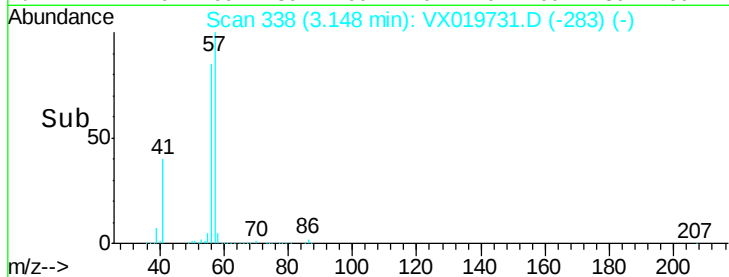
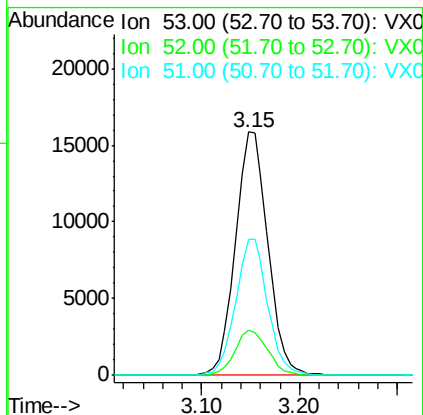
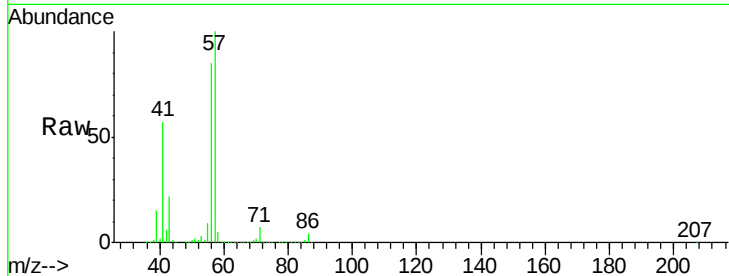
Tot Ion: 53 Resp: 36397

Ion Ratio Lower Upper

53 100

52 18.9 65.3 97.9#

51 55.5 28.2 42.2#



#16

Acetone

Concen: 50.317 ug/l

RT: 2.37 min Scan# 211

Delta R.T. -0.04 min

Lab File: VX019731.D

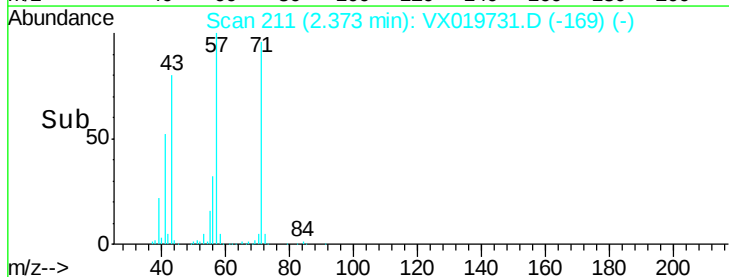
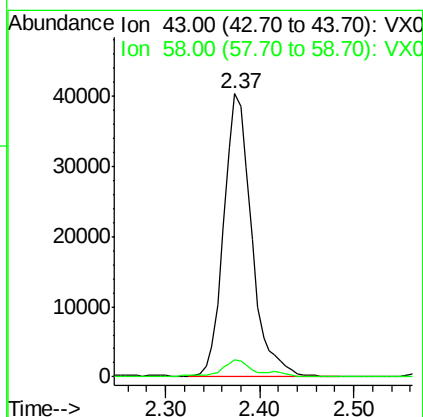
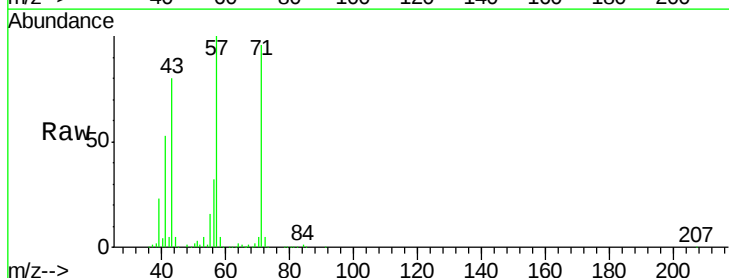
Acq: 04 Dec 2020 20:50

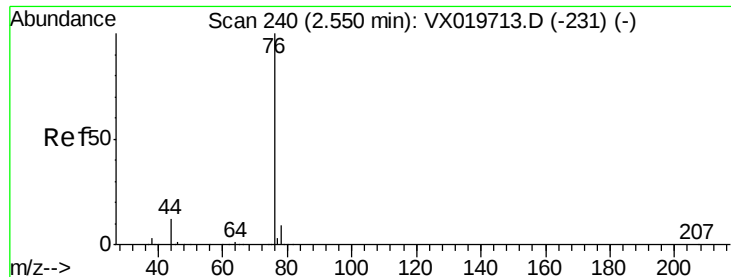
Tgt Ion: 43 Resp: 82507

Ion Ratio Lower Upper

43 100

58 5.9 27.8 41.8#





#17

Carbon Disulfide

Concen: 0.233 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampled :

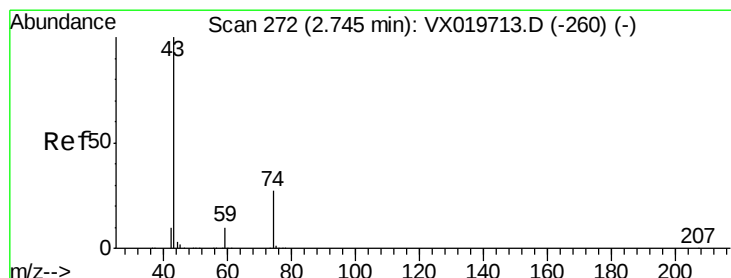
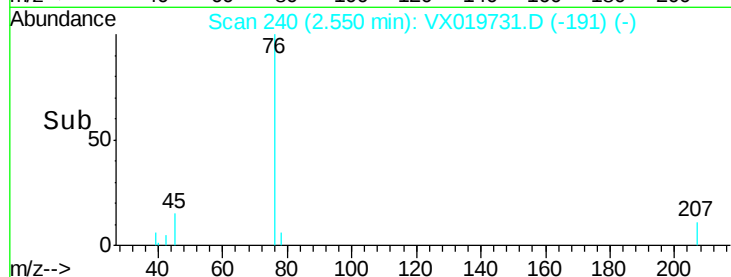
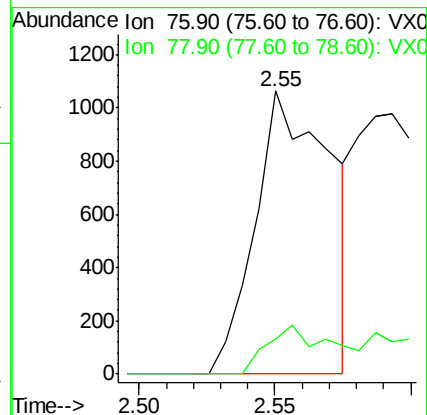
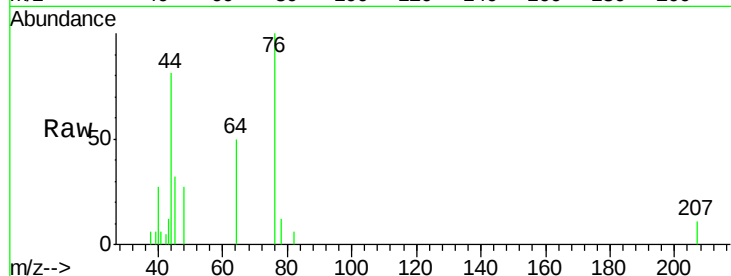
MW-5

Tot Ion: 76 Resp: 2037

Ion Ratio Lower Upper

76 100

78 12.3 7.2 10.8#



#18

Methyl Acetate

Concen: 144.811 ug/l

RT: 2.82 min Scan# 285

Delta R.T. 0.08 min

Lab File: VX019731.D

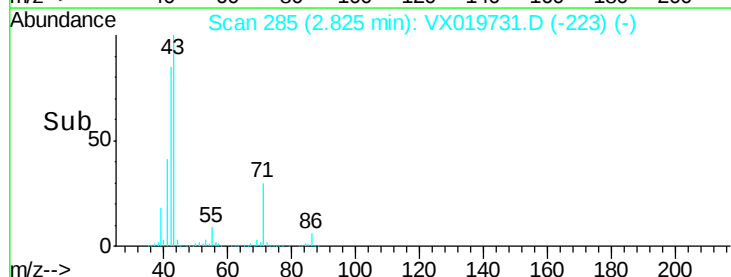
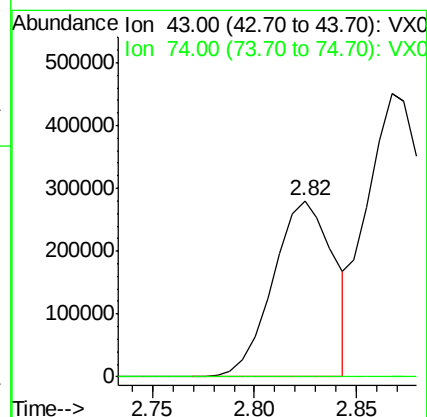
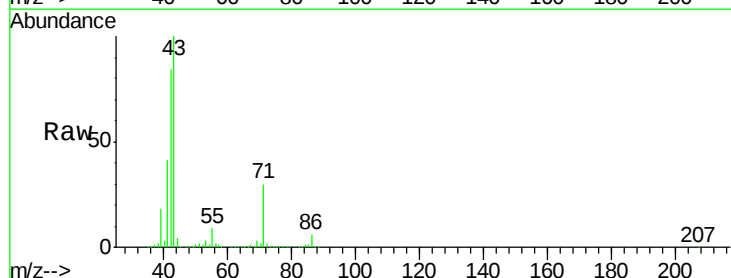
Acq: 04 Dec 2020 20:50

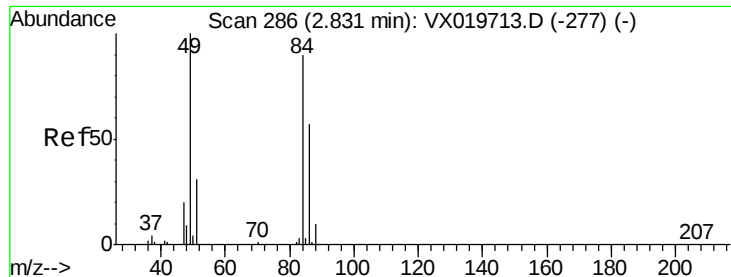
Tgt Ion: 43 Resp: 581076

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#

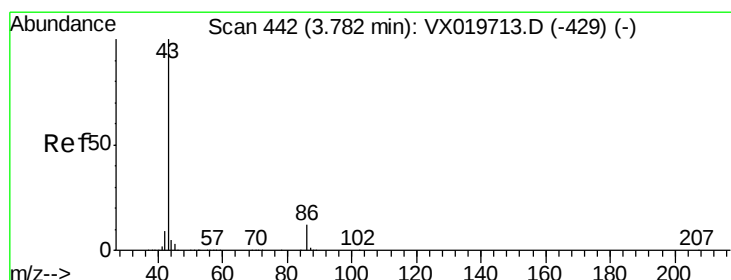
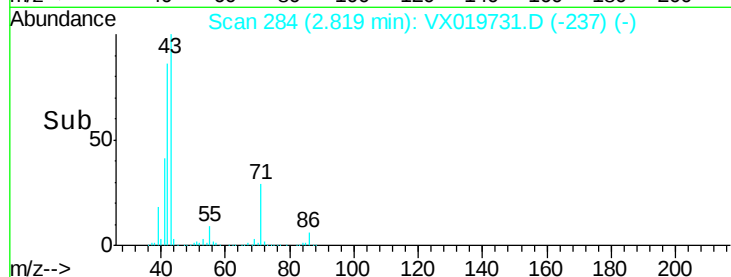
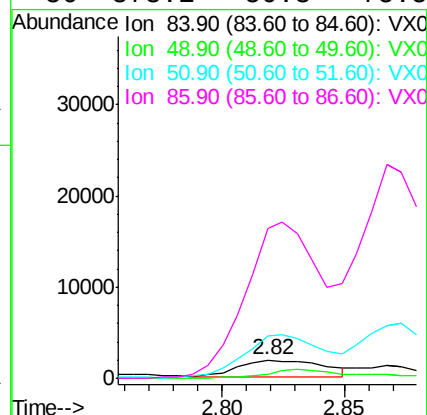
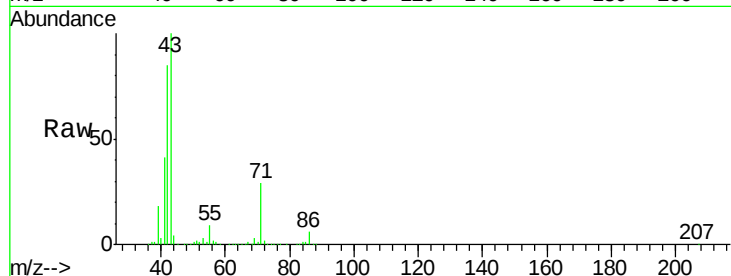




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.82 min Scan# 284
Delta R.T. -0.01 min
Lab File: VX019731.D
Acq: 04 Dec 2020 20:50

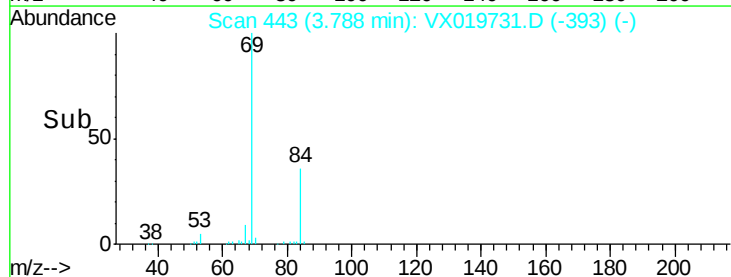
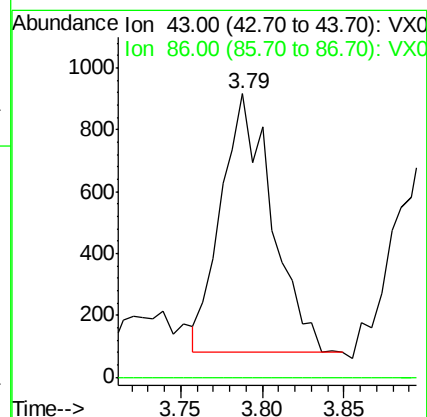
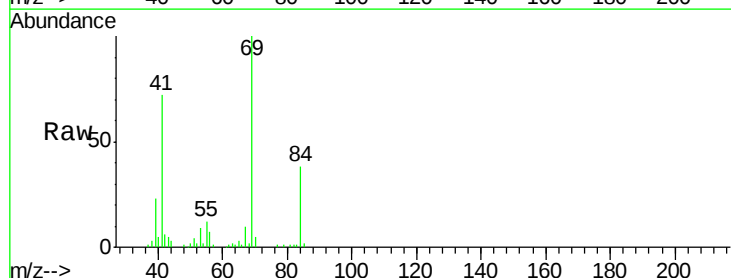
Instrument :
MSVOA_X
ClientSampleId :
MW-5

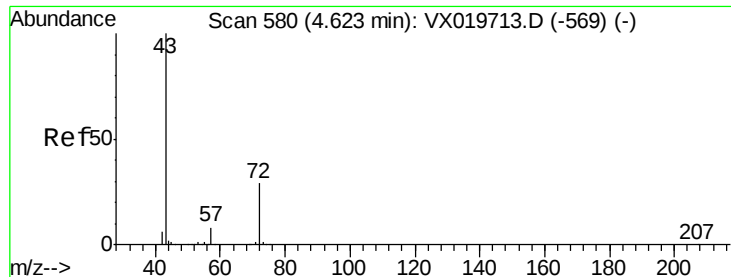
Tot Ion: 84 Resp: 4294
Ion Ratio Lower Upper
84 100
49 24.6 88.6 132.8#
51 240.7 27.0 40.6#
86 873.1 50.3 75.5#



#23
Vinyl Acetate
Concen: 0.204 ug/l
RT: 3.79 min Scan# 443
Delta R.T. 0.01 min
Lab File: VX019731.D
Acq: 04 Dec 2020 20:50

Tgt Ion: 43 Resp: 1809
Ion Ratio Lower Upper
43 100
86 0.0 9.9 14.9#





#25

2-Butanone

Concen: 1.438 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.02 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampled :

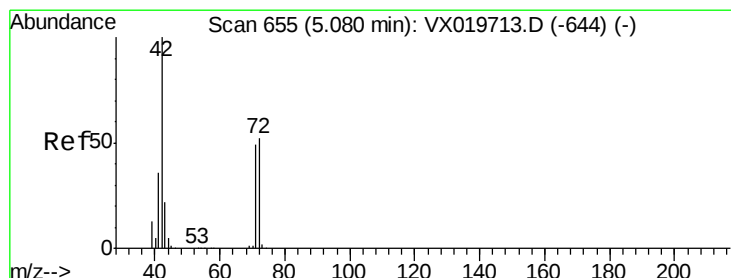
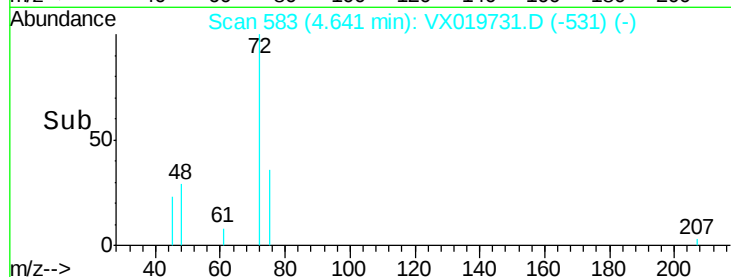
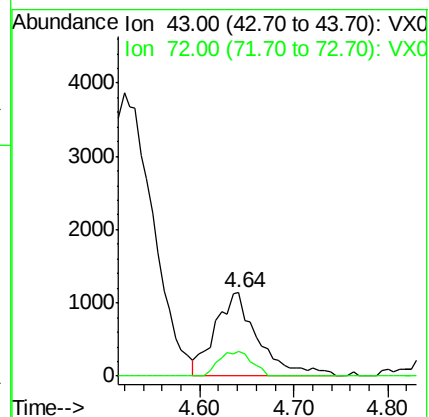
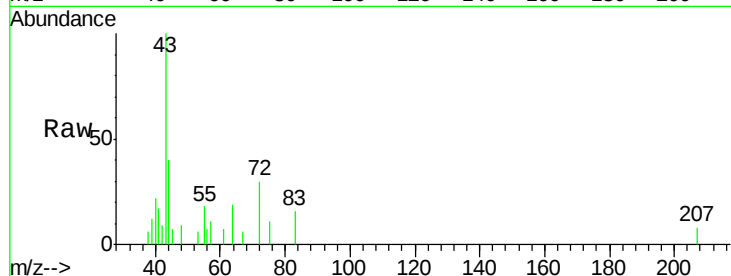
MW-5

Tot Ion: 43 Resp: 3623

Ion Ratio Lower Upper

43 100

72 30.2 23.7 35.5



#29

Tetrahydrofuran

Concen: 0.489 ug/l

RT: 5.03 min Scan# 647

Delta R.T. -0.05 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

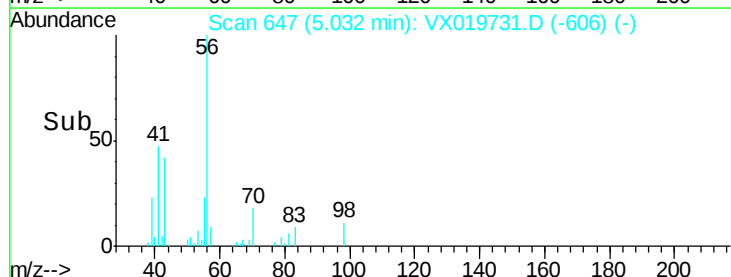
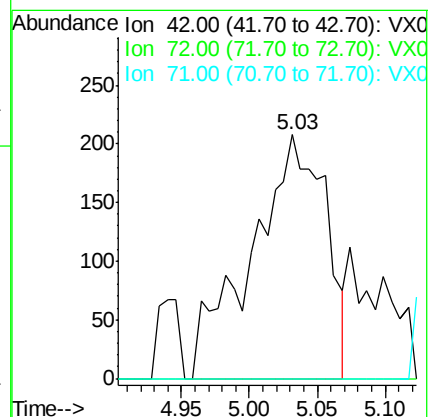
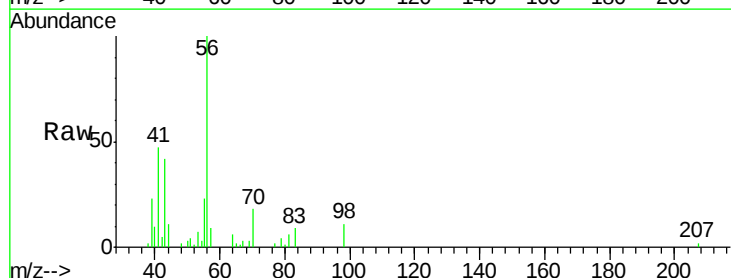
Tgt Ion: 42 Resp: 794

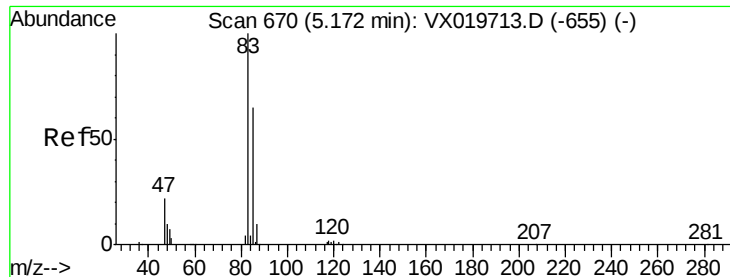
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

71 0.0 38.4 57.6#

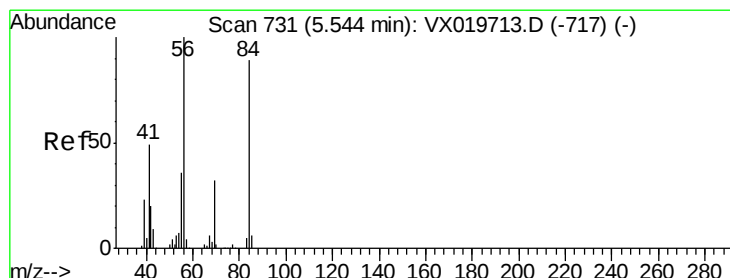
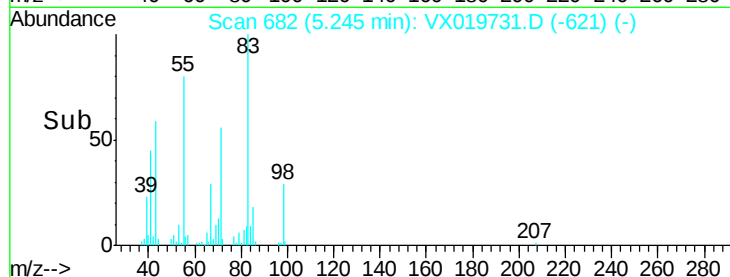
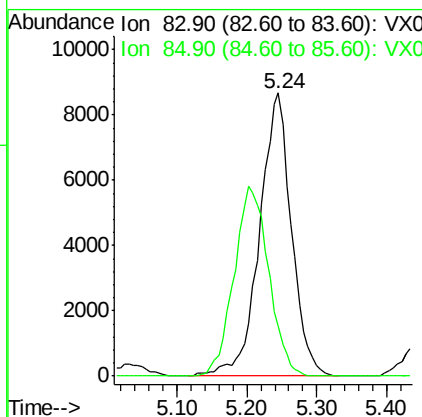
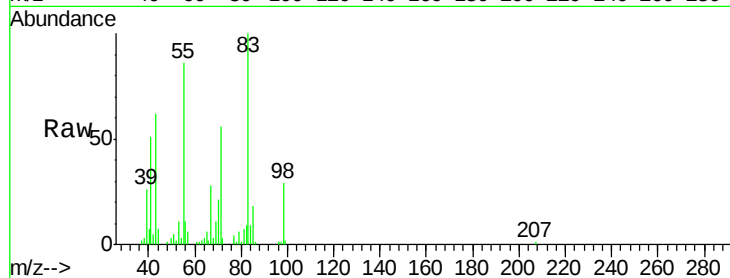




#30
Chloroform
Concen: 4.274 ug/l
RT: 5.24 min Scan# 682
Delta R.T. 0.07 min
Lab File: VX019731.D
Acq: 04 Dec 2020 20:50

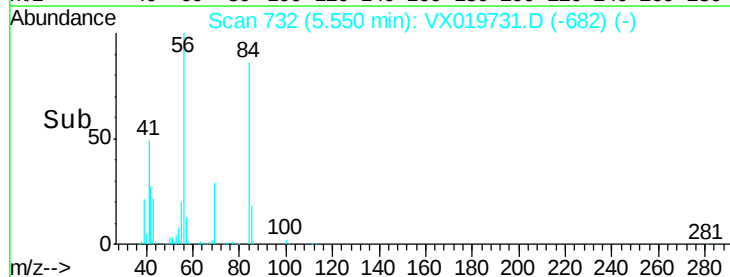
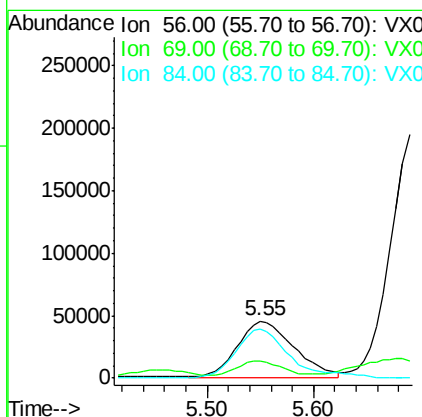
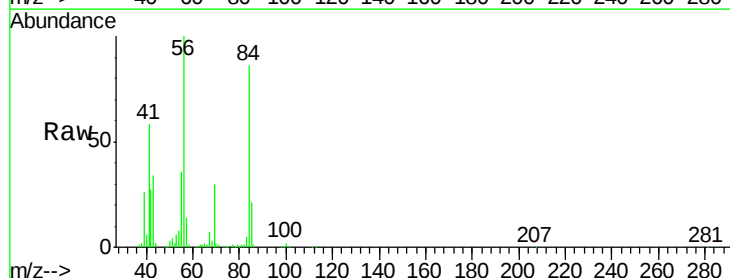
Instrument :
MSVOA_X
ClientSampleId :
MW-5

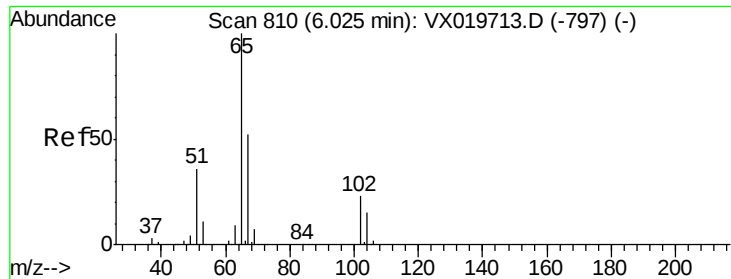
Tot Ion: 83 Resp: 27521
Ion Ratio Lower Upper
83 100
85 17.8 52.0 78.0#



#31
Cyclohexane
Concen: 31.416 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX019731.D
Acq: 04 Dec 2020 20:50

Tgt Ion: 56 Resp: 170481
Ion Ratio Lower Upper
56 100
69 20.8 25.3 37.9#
84 86.8 71.4 107.0

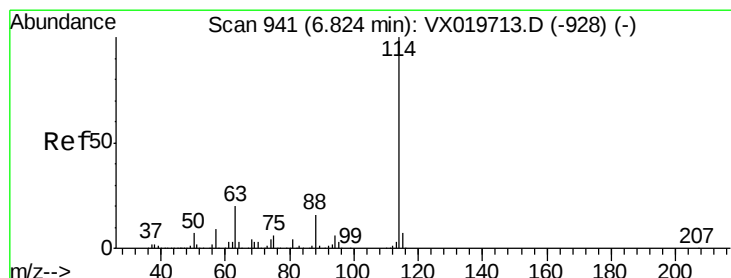
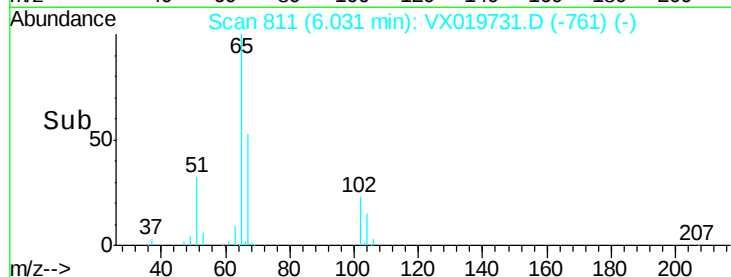
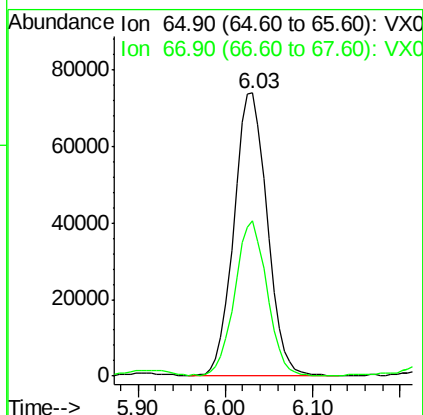
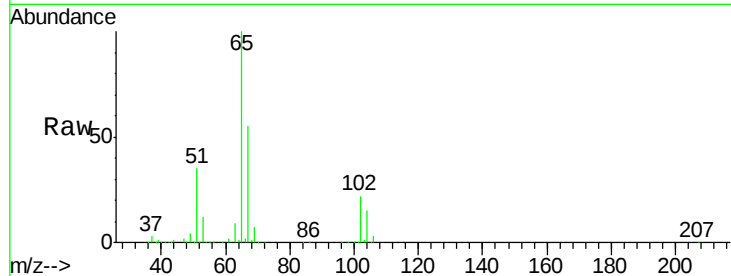




#33
 1,2-Dichloroethane-d4
 Concen: 44.814 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019731.D
 Acq: 04 Dec 2020 20:50

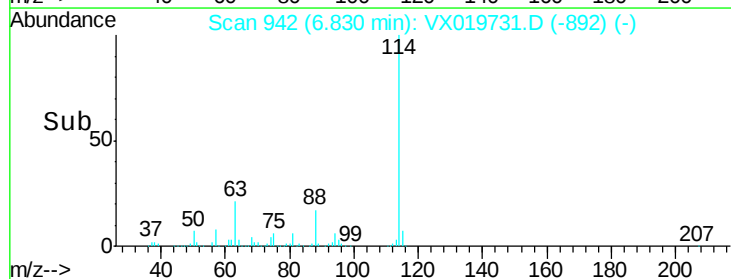
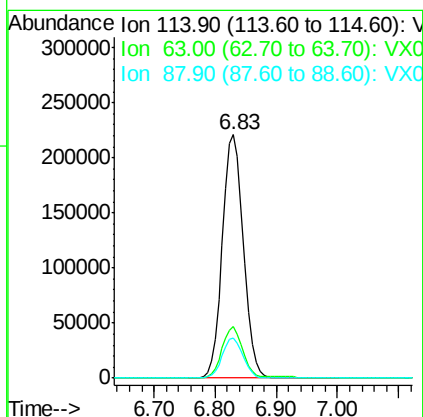
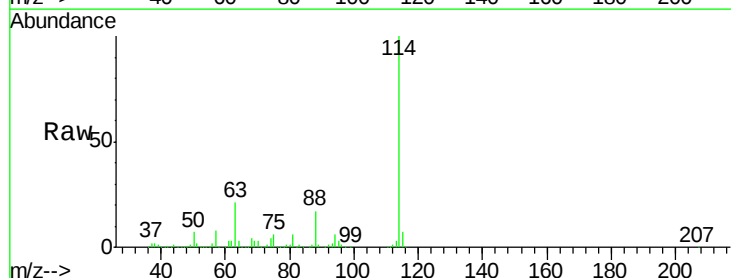
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

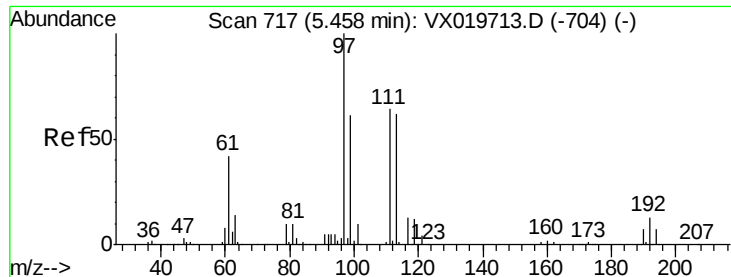
Tot Ion: 65 Resp: 195501
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019731.D
 Acq: 04 Dec 2020 20:50

Tgt Ion: 114 Resp: 524382
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.8
 88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.635 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

MW-5

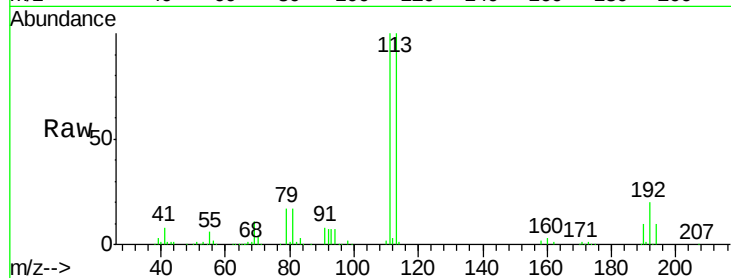
Tot Ion:113 Resp: 161436

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

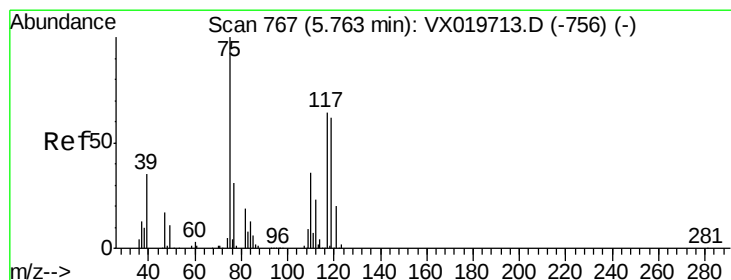
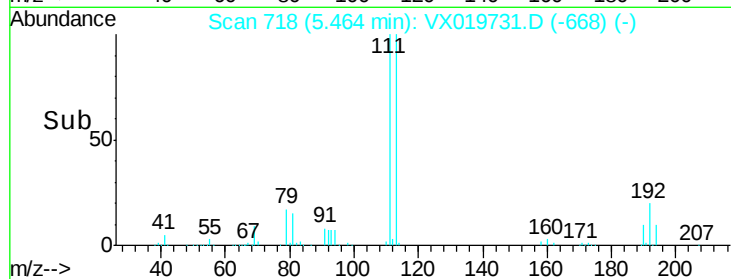
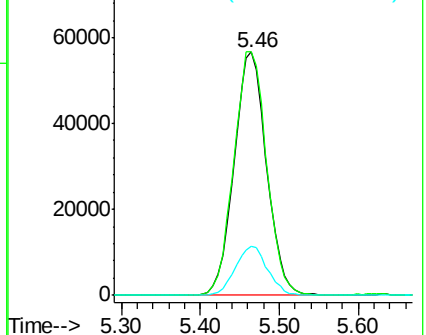
192 20.1 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.265 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

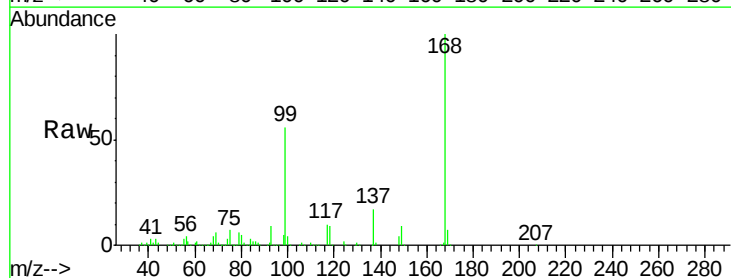
Tgt Ion: 75 Resp: 24947

Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.4#

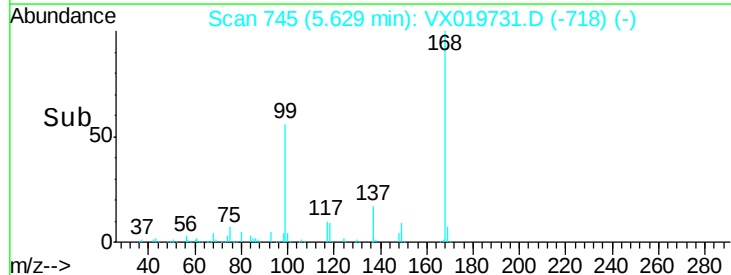
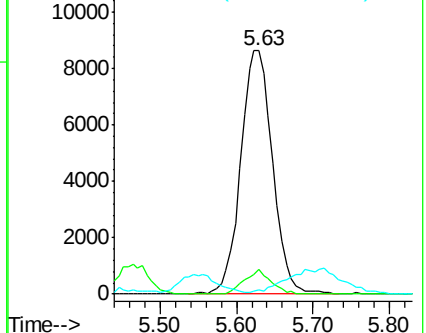
77 0.0 25.3 37.9#

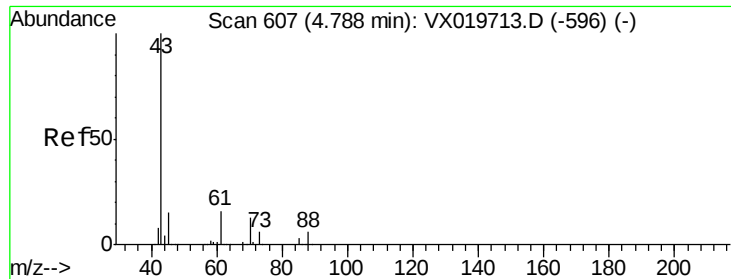


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.372 ug/l

RT: 4.87 min Scan# 620

Delta R.T. 0.08 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampled :

MW-5

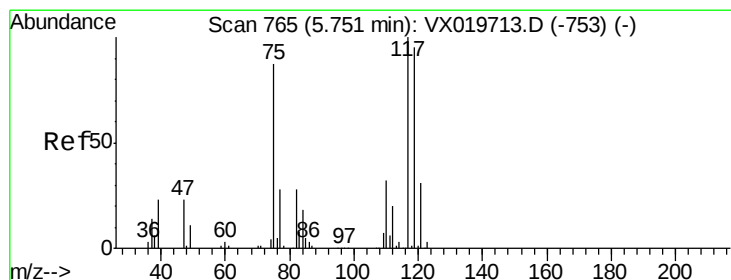
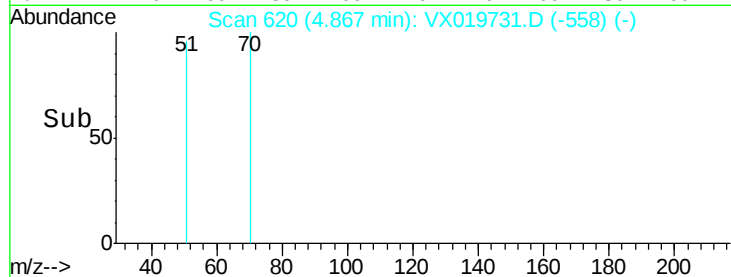
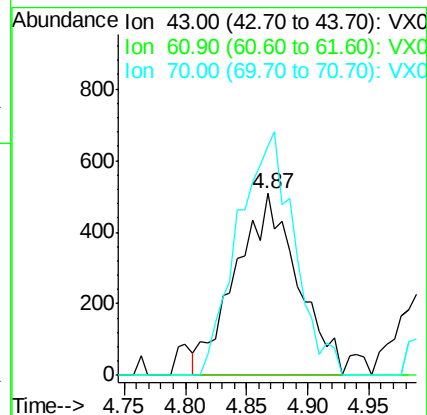
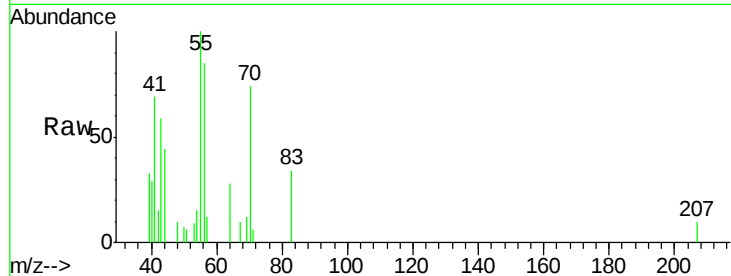
Tot Ion: 43 Resp: 1781

Ion Ratio Lower Upper

43 100

61 0.0 12.8 19.2#

70 122.2 10.5 15.7#



#38

Carbon Tetrachloride

Concen: 6.842 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

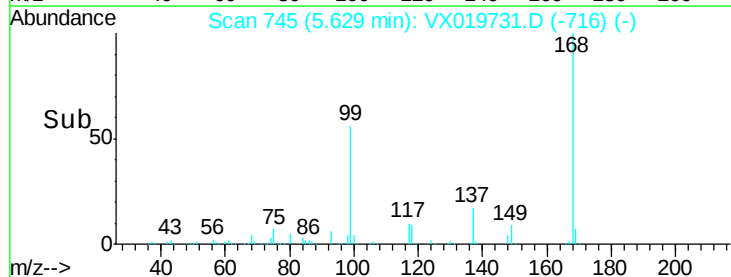
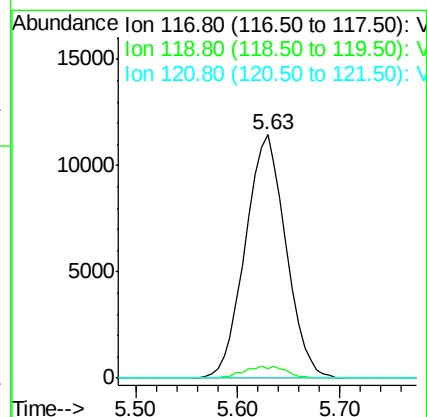
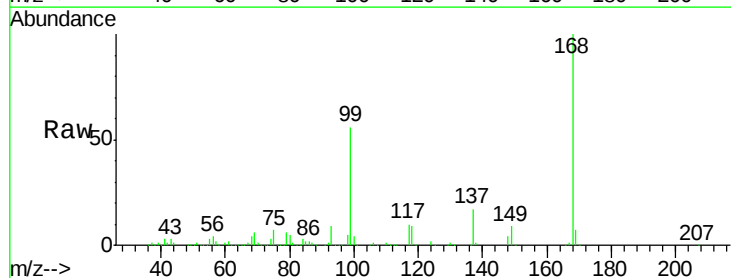
Tgt Ion: 117 Resp: 31749

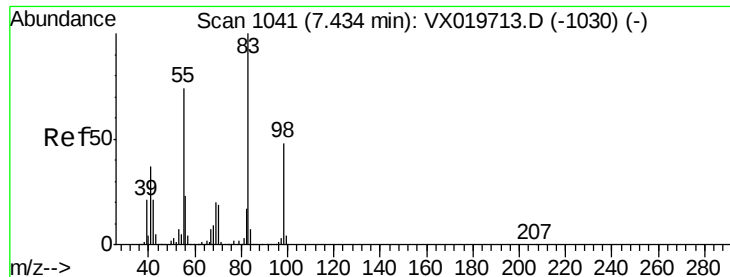
Ion Ratio Lower Upper

117 100

119 4.1 76.2 114.2#

121 0.0 24.8 37.2#

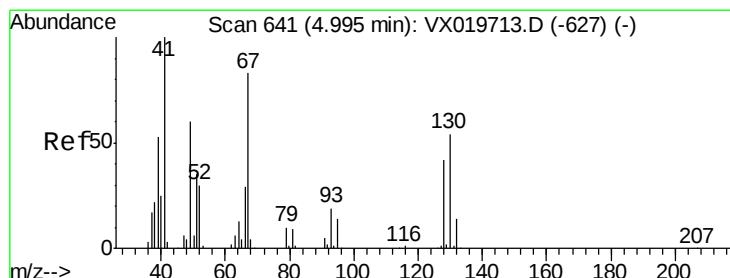
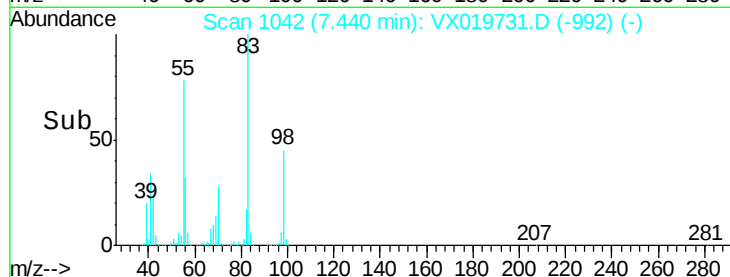
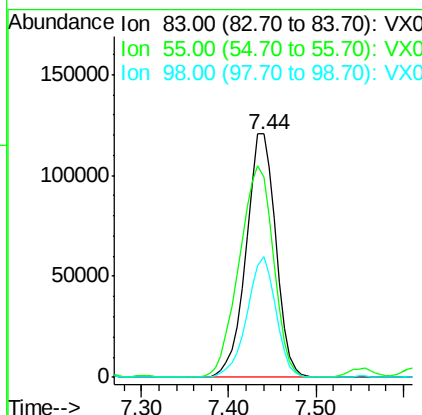
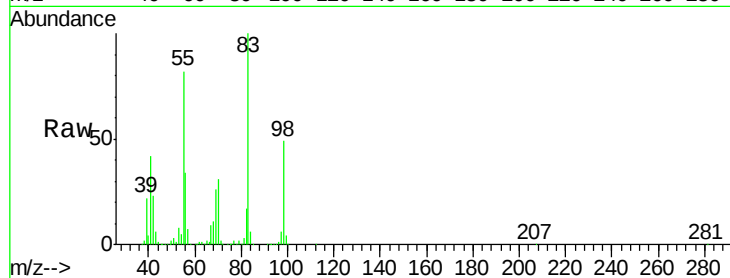




#39
Methvlcvclohexane
Concen: 50.843 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019731.D
Acq: 04 Dec 2020 20:50

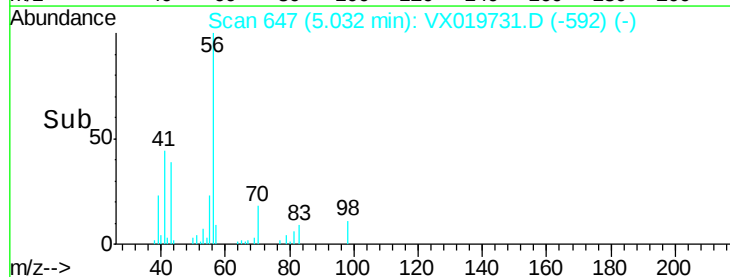
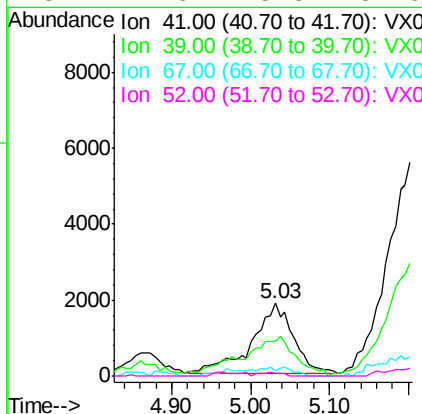
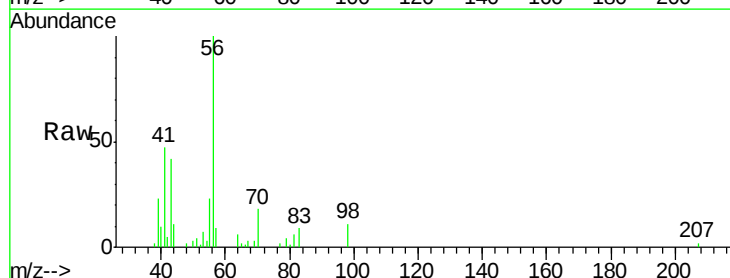
Instrument :
MSVOA_X
ClientSampleId :
MW-5

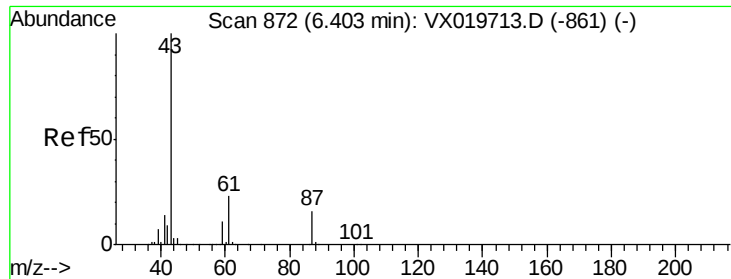
Tot Ion: 83 Resp: 283053
Ion Ratio Lower Upper
83 100
55 82.0 58.9 88.3
98 49.5 38.1 57.1



#41
Methacrylonitrile
Concen: 2.501 ug/l
RT: 5.03 min Scan# 647
Delta R.T. 0.04 min
Lab File: VX019731.D
Acq: 04 Dec 2020 20:50

Tgt Ion: 41 Resp: 6570
Ion Ratio Lower Upper
41 100
39 55.3 42.5 63.7
67 0.0 65.0 97.6#
52 2.6 25.3 37.9#





#43

Isopropyl Acetate

Concen: 1.801 ug/l

RT: 6.43 min Scan# 876

Delta R.T. 0.02 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampled :

MW-5

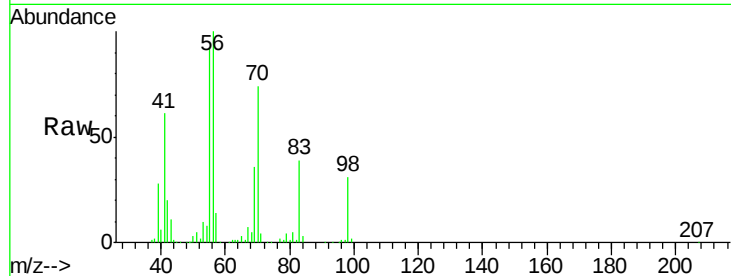
Tot Ion: 43 Resp: 14009

Ion Ratio Lower Upper

43 100

61 2.0 18.2 27.4#

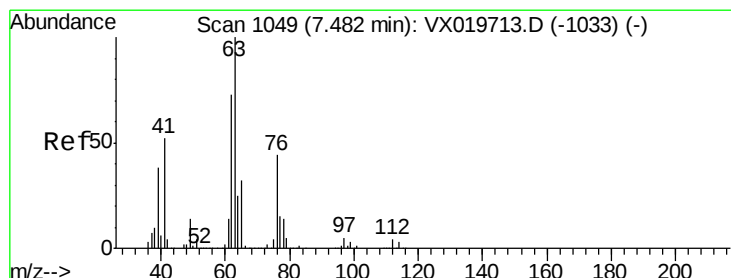
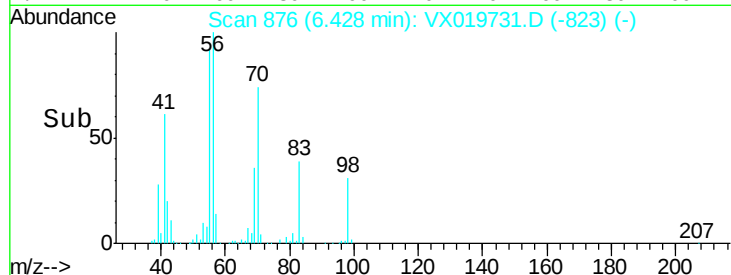
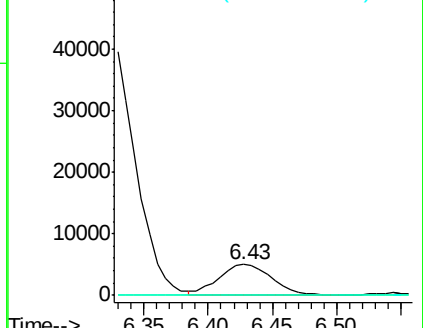
87 0.0 12.5 18.7#



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: 0.948 ug/l

RT: 7.43 min Scan# 1040

Delta R.T. -0.05 min

Lab File: VX019731.D

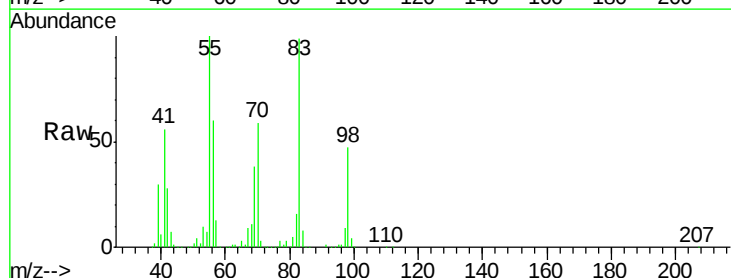
Acq: 04 Dec 2020 20:50

Tgt Ion: 63 Resp: 3428

Ion Ratio Lower Upper

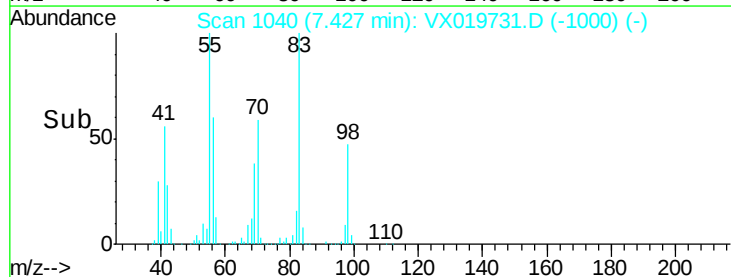
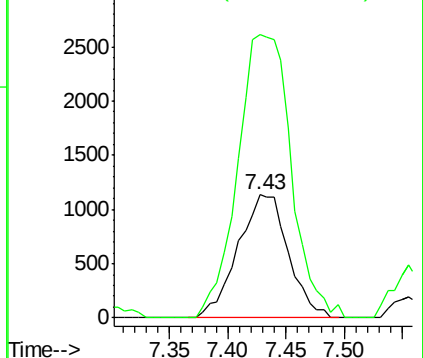
63 100

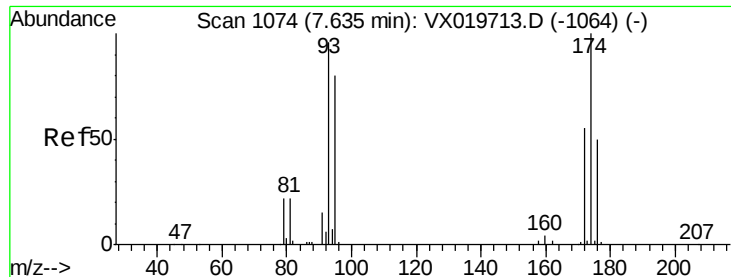
65 230.2 25.7 38.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

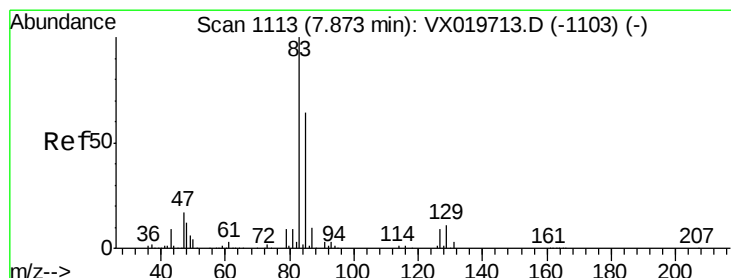
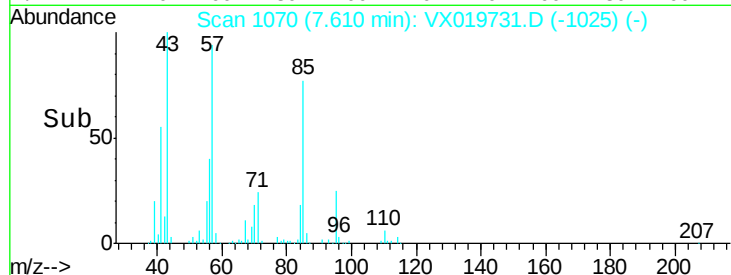
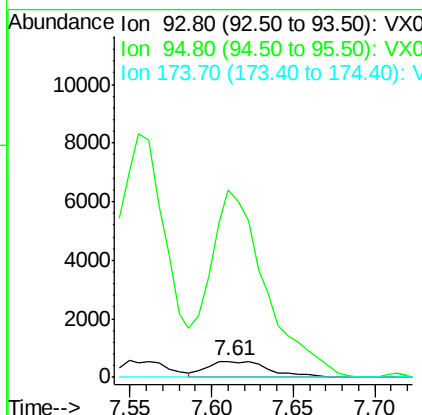
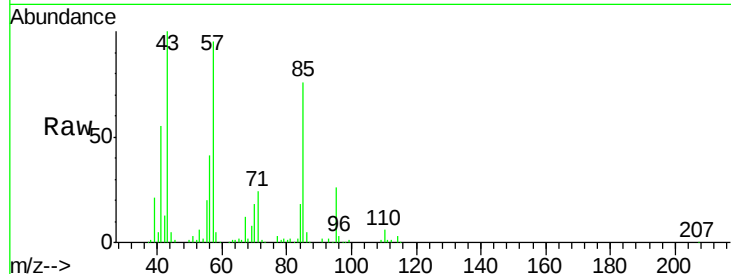




#46
Dibromomethane
Concen: 0.591 ug/l
RT: 7.61 min Scan# 1070
Delta R.T. -0.02 min
Lab File: VX019731.D
Acq: 04 Dec 2020 20:50

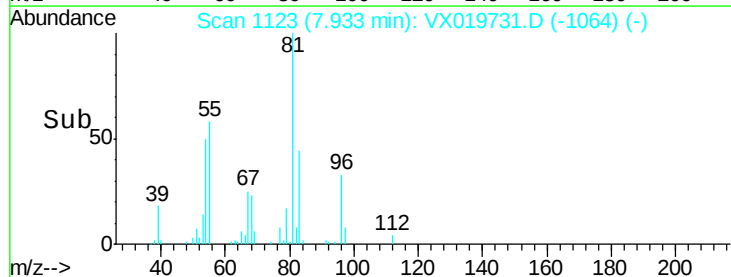
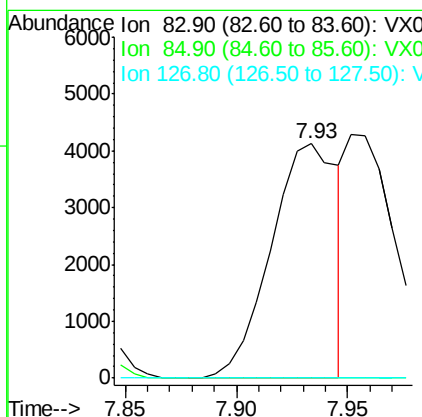
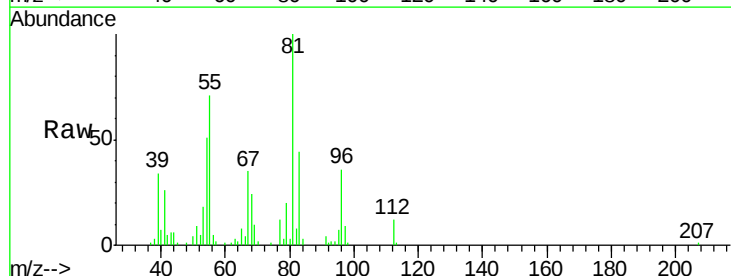
Instrument :
MSVOA_X
ClientSampled :
MW-5

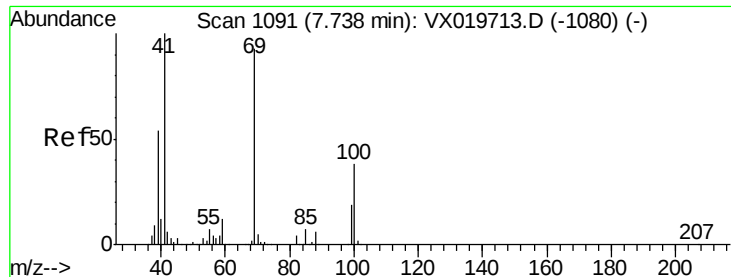
Tot Ion: 93 Resp: 1444
Ion Ratio Lower Upper
93 100
95 1057.5 66.8 100.2#
174 0.0 83.1 124.7#



#47
Bromodichloromethane
Concen: 1.770 ug/l
RT: 7.93 min Scan# 1123
Delta R.T. 0.06 min
Lab File: VX019731.D
Acq: 04 Dec 2020 20:50

Tgt Ion: 83 Resp: 8579
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.0#
127 0.0 6.8 10.2#





#48

Methvl methacrylate

Concen: 9.993 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.03 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampled :

MW-5

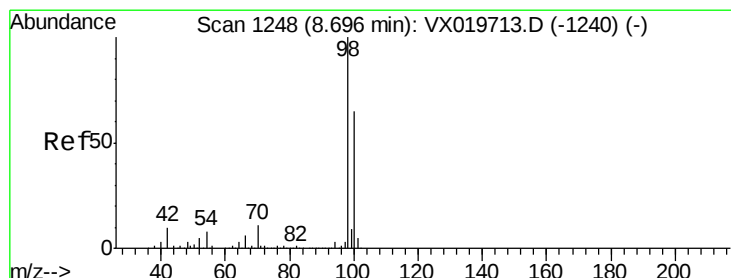
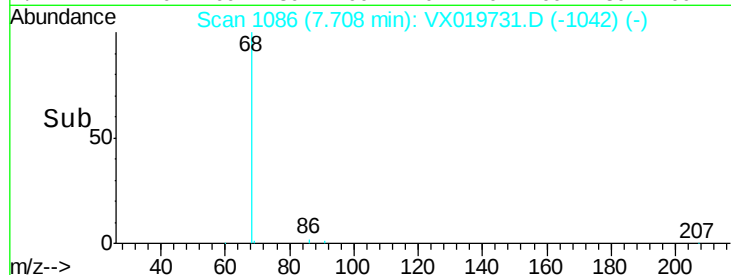
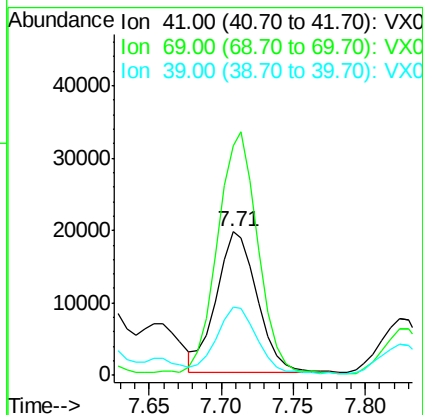
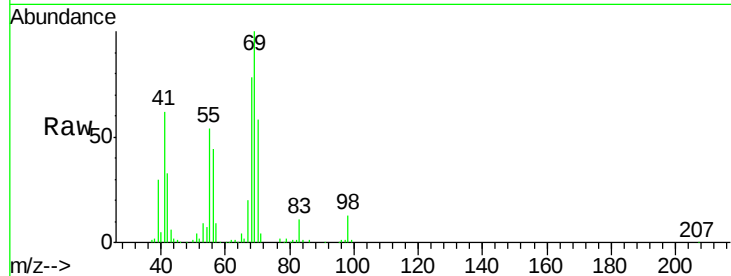
Tot Ion: 41 Resp: 38228

Ion Ratio Lower Upper

41 100

69 171.4 76.0 114.0#

39 47.8 44.6 67.0



#50

Toluene-d8

Concen: 49.865 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019731.D

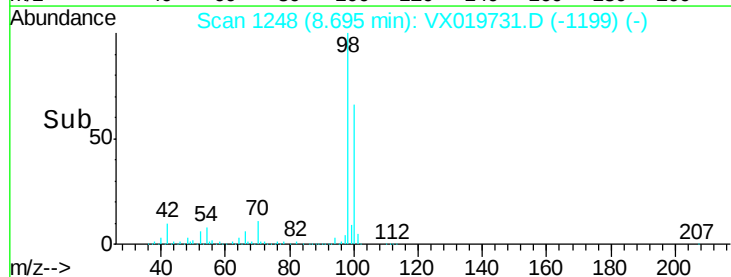
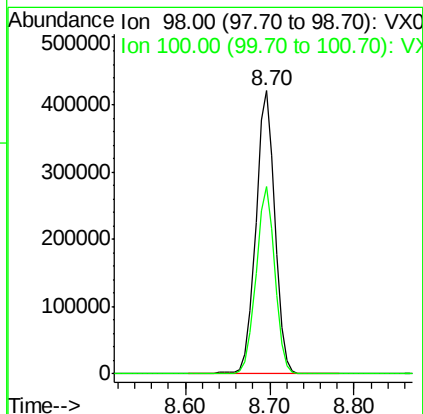
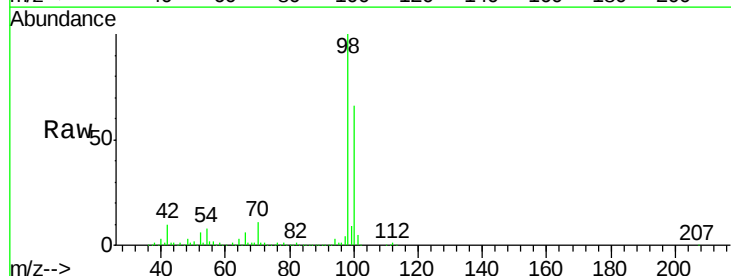
Acq: 04 Dec 2020 20:50

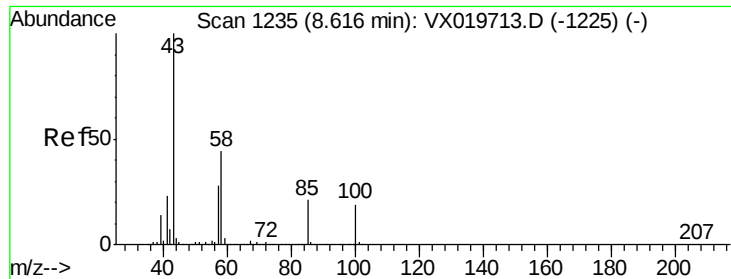
Tgt Ion: 98 Resp: 645168

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9

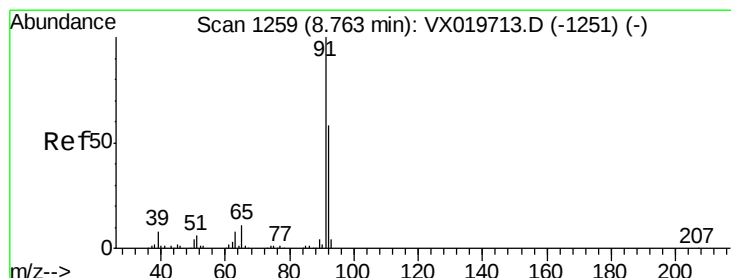
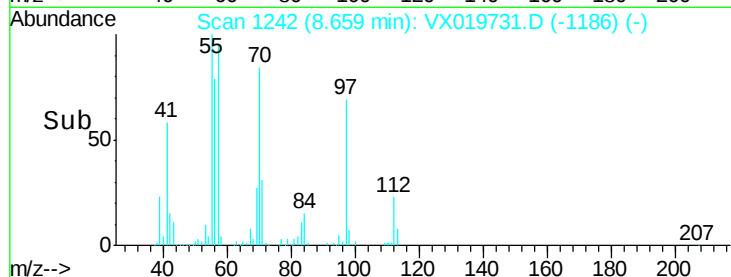
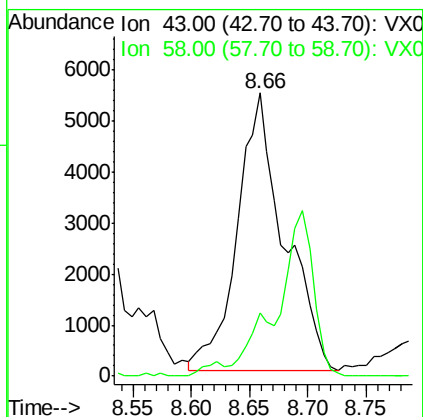
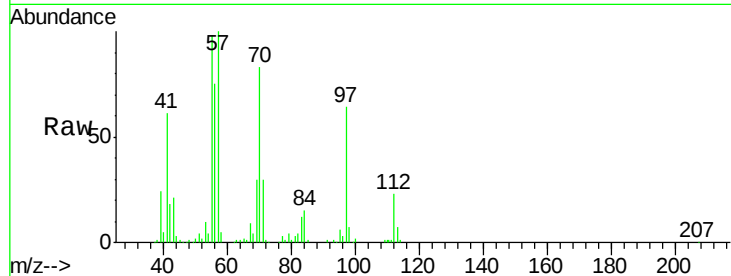




#51
 4-Methyl-2-Pentanone
 Concen: 3.225 ug/l
 RT: 8.66 min Scan# 1242
 Delta R.T. 0.04 min
 Lab File: VX019731.D
 Acq: 04 Dec 2020 20:50

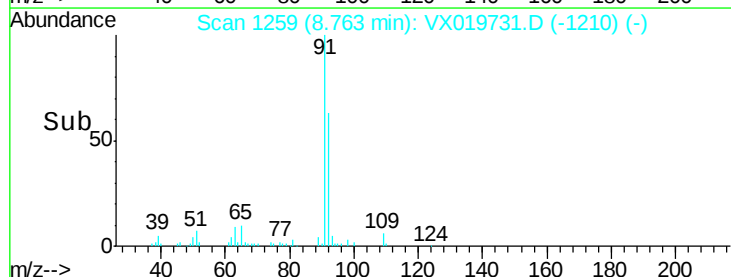
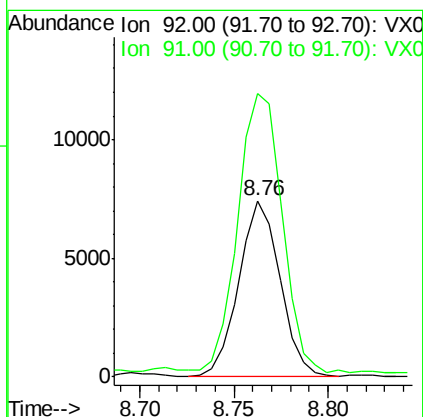
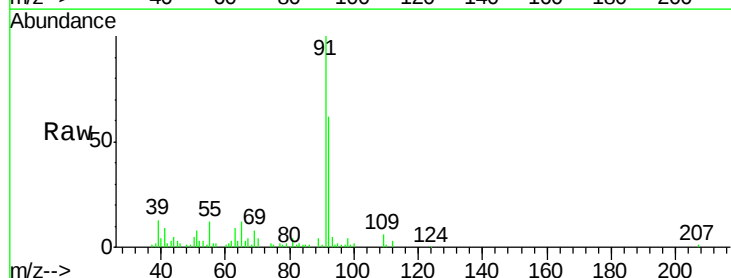
Instrument :
 MSVOA_X
 ClientSampled :
 MW-5

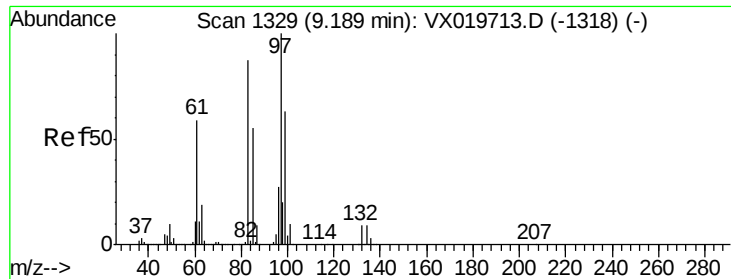
Tot Ion: 43 Resp: 15317
 Ion Ratio Lower Upper
 43 100
 58 0.0 35.4 53.0#



#52
 Toluene
 Concen: 1.249 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019731.D
 Acq: 04 Dec 2020 20:50

Tgt Ion: 92 Resp: 11307
 Ion Ratio Lower Upper
 92 100
 91 170.0 137.1 205.7

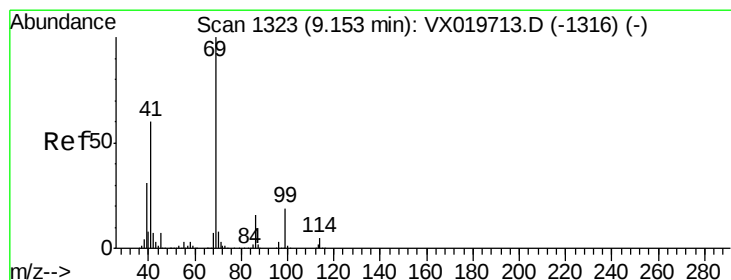
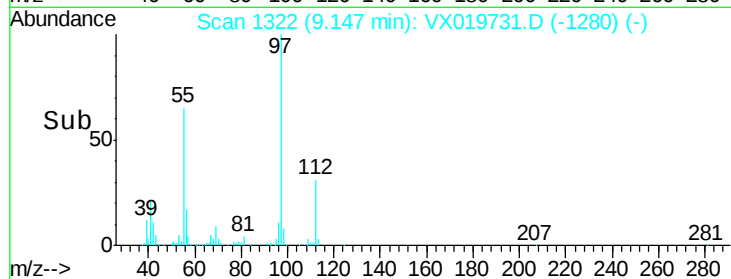
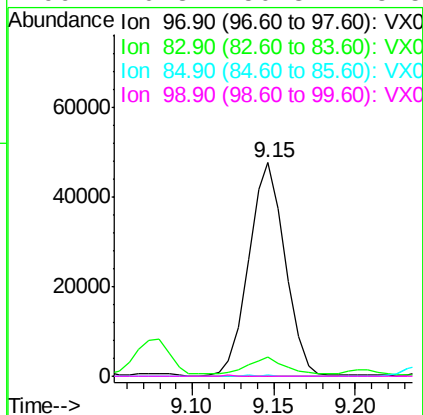
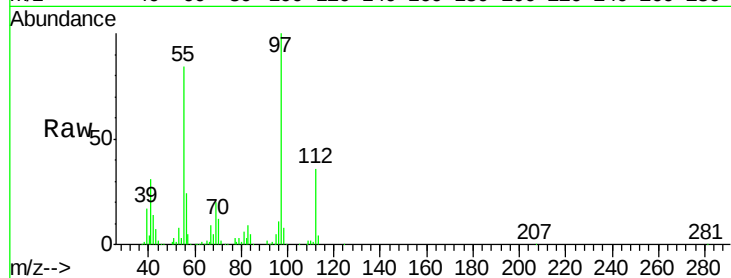




#55
 1,1,2-Trichloroethane
 Concen: 20.046 ug/l
 RT: 9.15 min Scan# 1322
 Delta R.T. -0.04 min
 Lab File: VX019731.D
 Acq: 04 Dec 2020 20:50

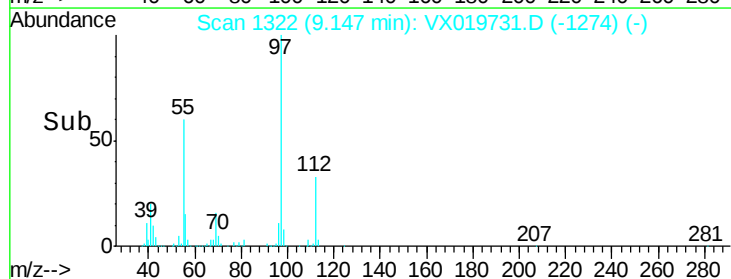
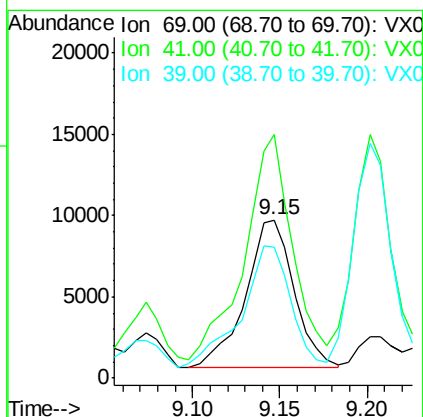
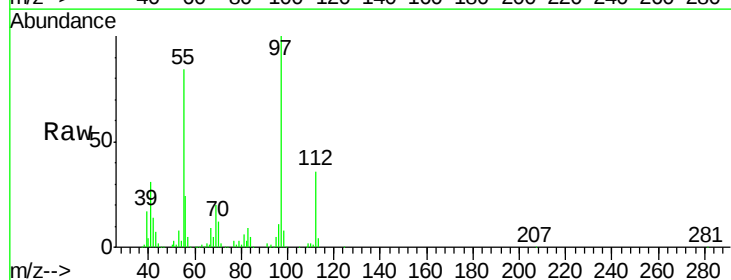
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

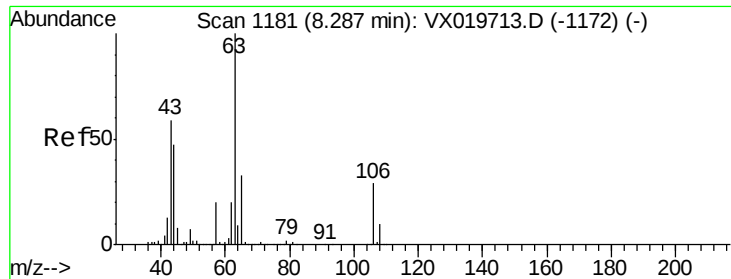
Tot Ion: 97 Resp: 73133
 Ion Ratio Lower Upper
 97 100
 83 7.6 69.3 103.9#
 85 0.3 44.3 66.5#
 99 0.3 50.3 75.5#



#56
 Ethyl methacrylate
 Concen: 3.153 ug/l
 RT: 9.15 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX019731.D
 Acq: 04 Dec 2020 20:50

Tgt Ion: 69 Resp: 17403
 Ion Ratio Lower Upper
 69 100
 41 148.5 46.8 70.2#
 39 84.3 24.7 37.1#

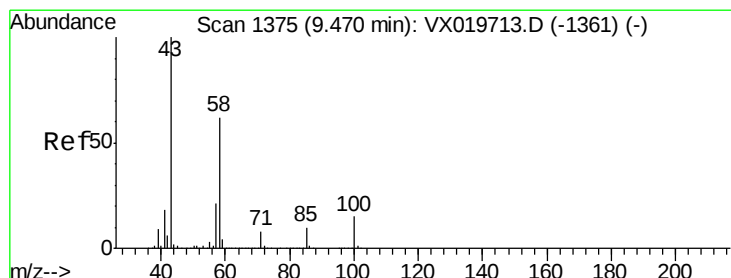
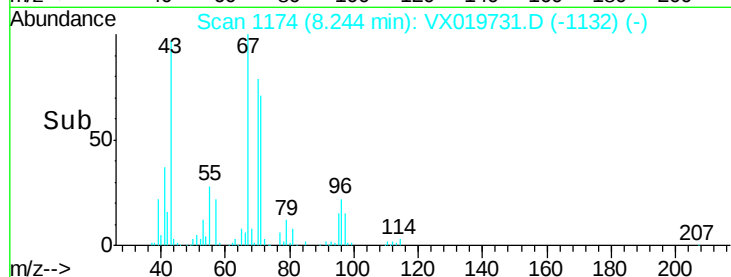
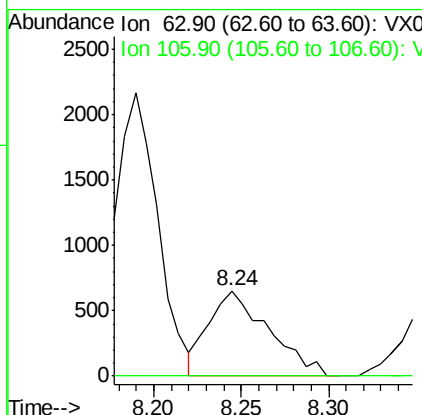
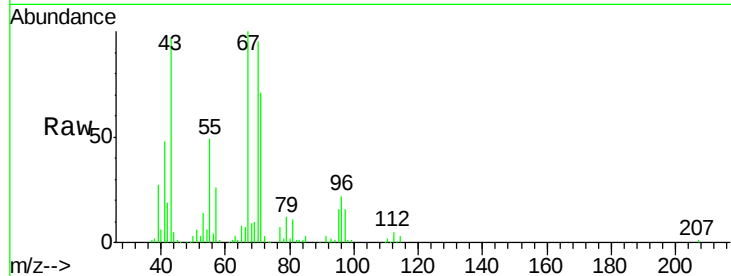




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.531 ug/l
 RT: 8.24 min Scan# 1174
 Delta R.T. -0.04 min
 Lab File: VX019731.D
 Acq: 04 Dec 2020 20:50

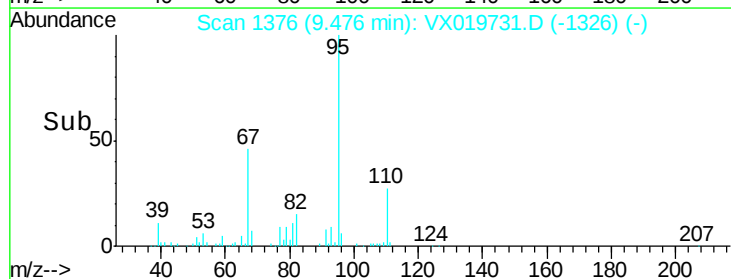
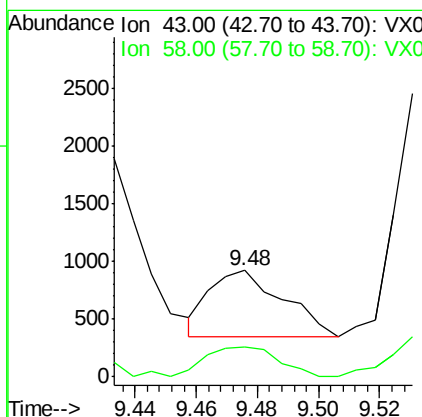
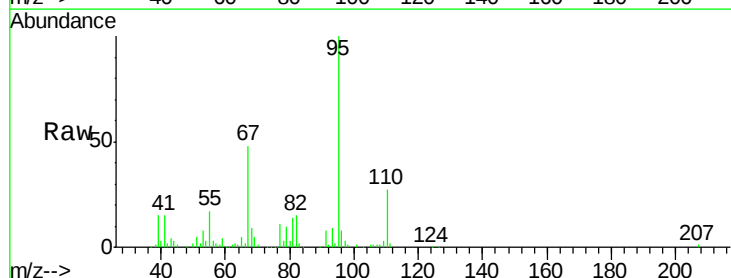
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

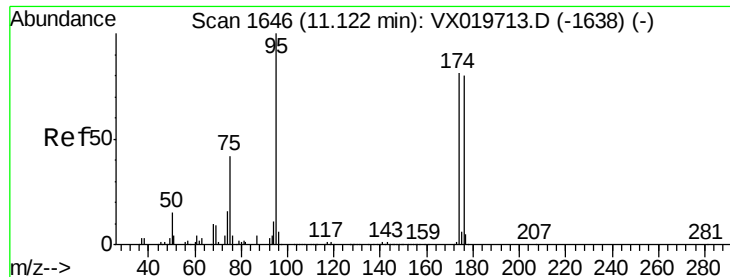
Tot Ion: 63 Resp: 1554
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.5 35.3#



#59
 2-Hexanone
 Concen: 0.259 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: VX019731.D
 Acq: 04 Dec 2020 20:50

Tgt Ion: 43 Resp: 953
 Ion Ratio Lower Upper
 43 100
 58 45.6 30.9 92.8





#62

4-Bromofluorobenzene

Concen: 48.679 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

MW-5

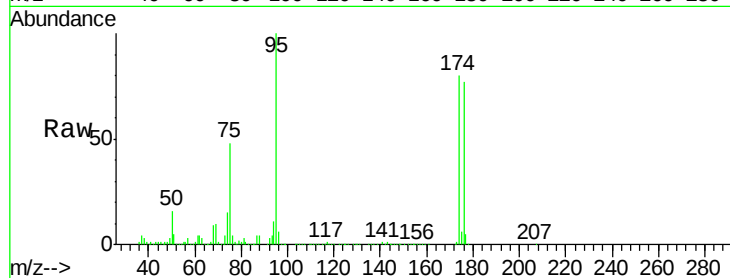
Tot Ion: 95 Resp: 239718

Ion Ratio Lower Upper

95 100

174 76.4 0.0 154.6

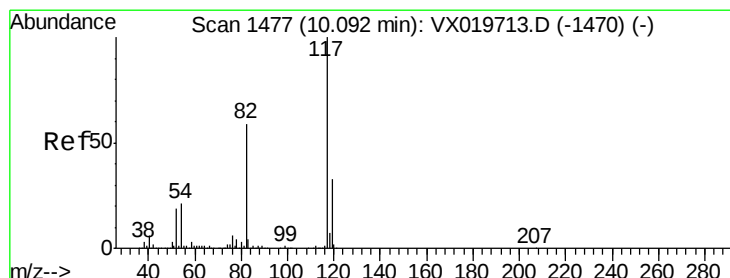
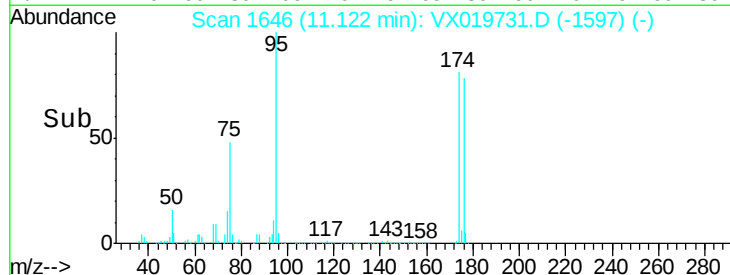
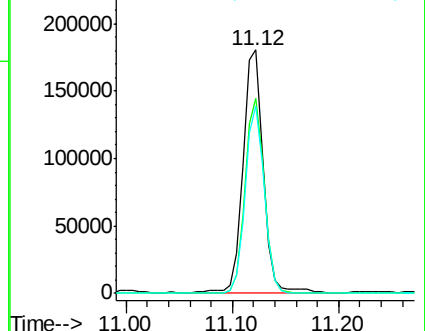
176 72.8 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX019731.D (-1638) (-)

Ion 173.80 (173.50 to 174.50): VX019731.D (-1638) (-)

Ion 175.80 (175.50 to 176.50): VX019731.D (-1638) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

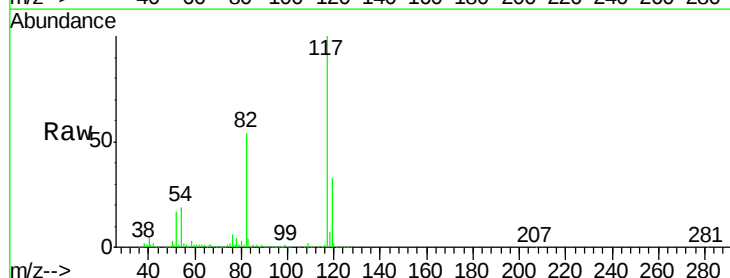
Tgt Ion: 117 Resp: 478017

Ion Ratio Lower Upper

117 100

82 54.1 47.4 71.2

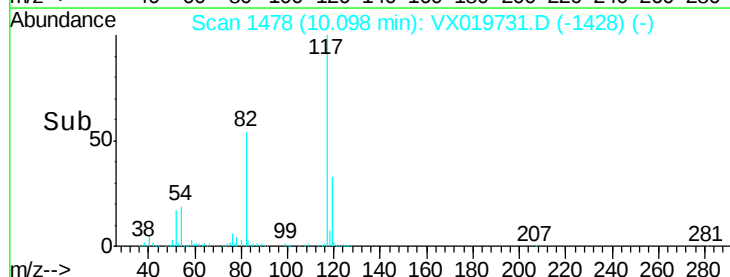
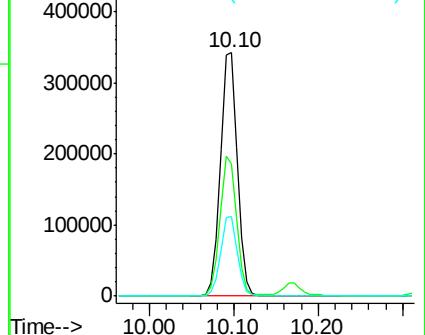
119 32.8 26.6 39.8

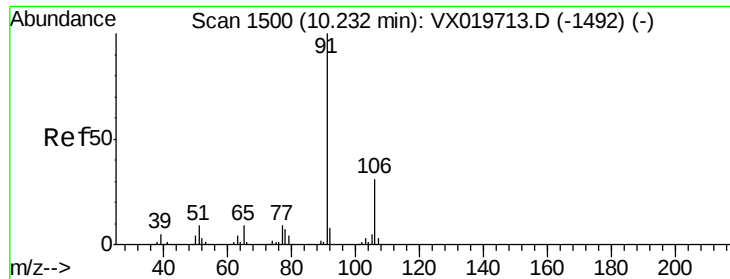


Abundance Ion 116.90 (116.60 to 117.60): VX019731.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019731.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019731.D (-1470) (-)

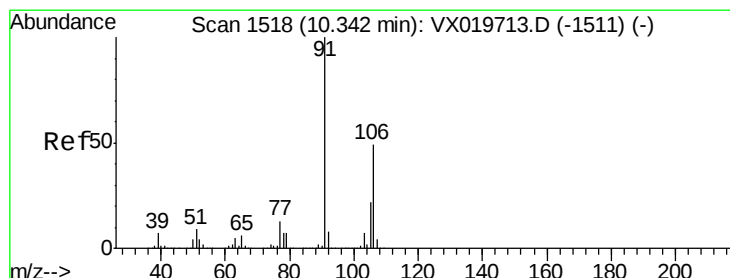
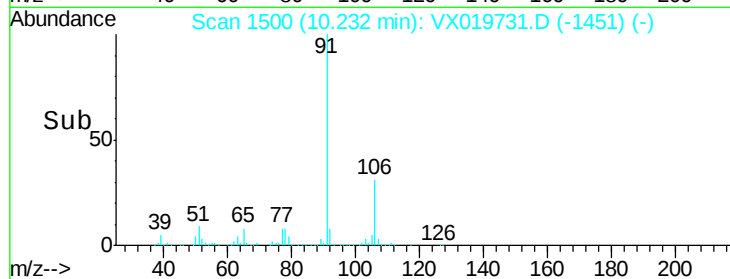
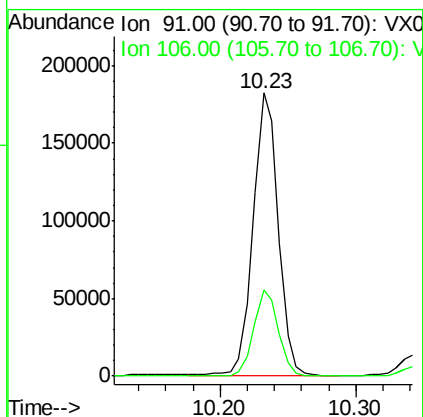
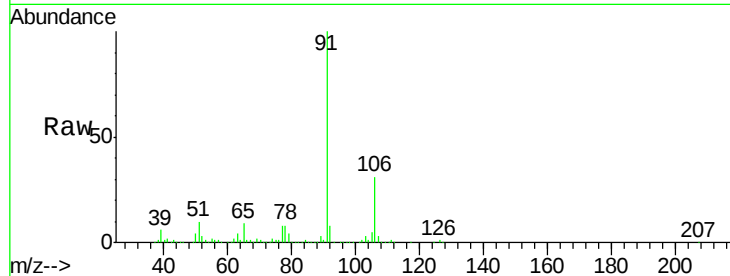




#67
Ethyl Benzene
Concen: 13.965 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019731.D
Acq: 04 Dec 2020 20:50

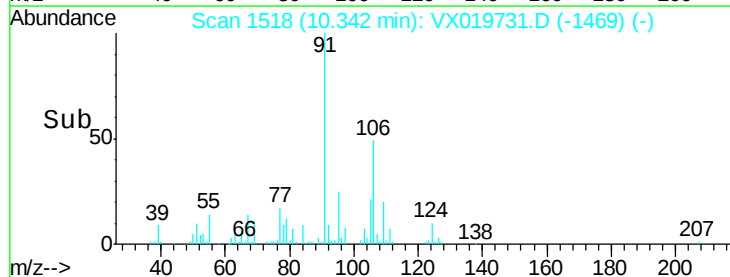
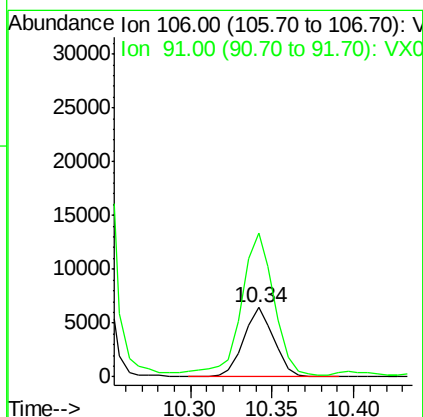
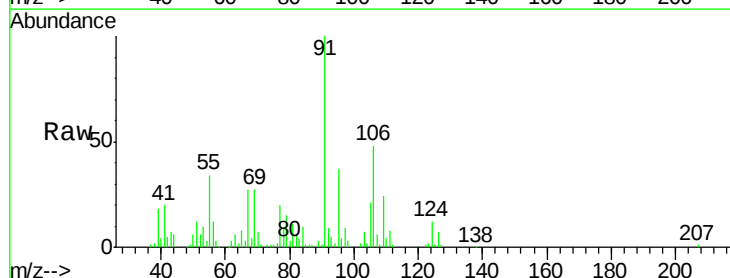
Instrument :
MSVOA_X
ClientSampled :
MW-5

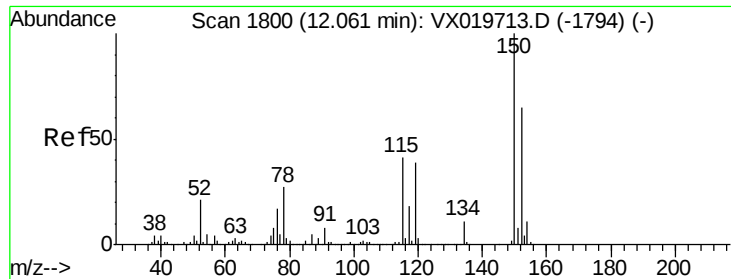
Tot Ion: 91 Resp: 236070
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#68
m/p-Xylenes
Concen: 1.316 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019731.D
Acq: 04 Dec 2020 20:50

Tgt Ion: 106 Resp: 8380
Ion Ratio Lower Upper
106 100
91 216.5 162.8 244.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampled :

MW-5

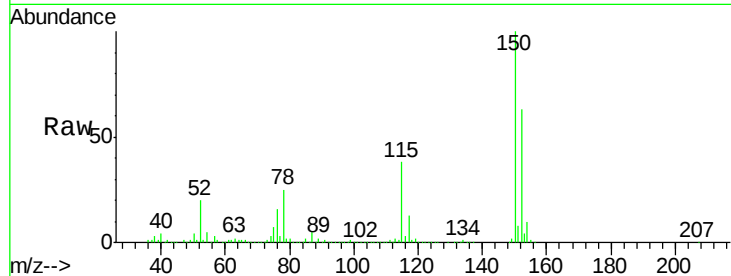
Tot Ion:152 Resp: 224428

Ion Ratio Lower Upper

152 100

115 60.0 41.1 123.3

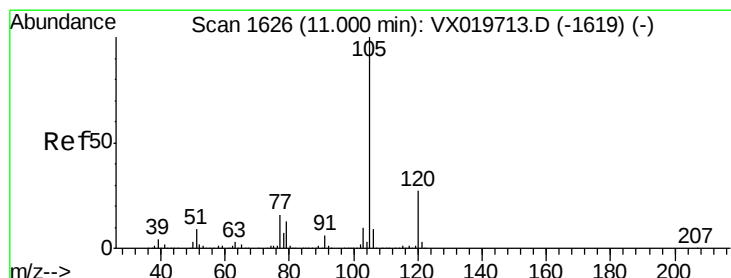
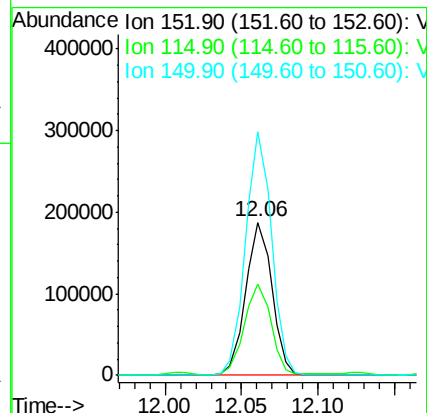
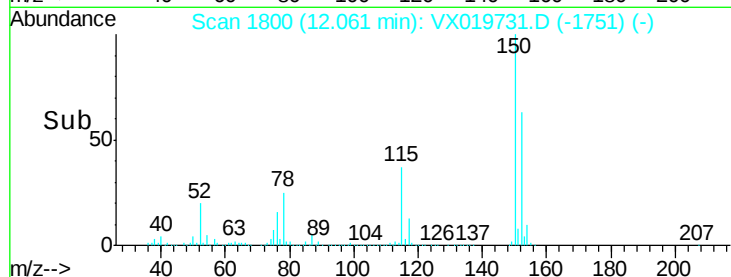
150 157.3 0.0 349.0



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: 51.353 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019731.D

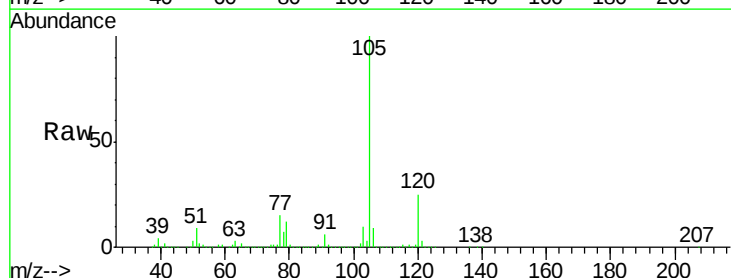
Acq: 04 Dec 2020 20:50

Tgt Ion:105 Resp: 787383

Ion Ratio Lower Upper

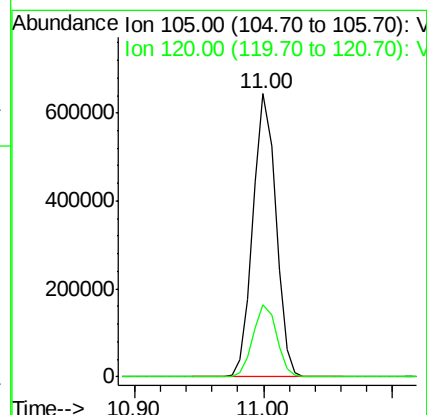
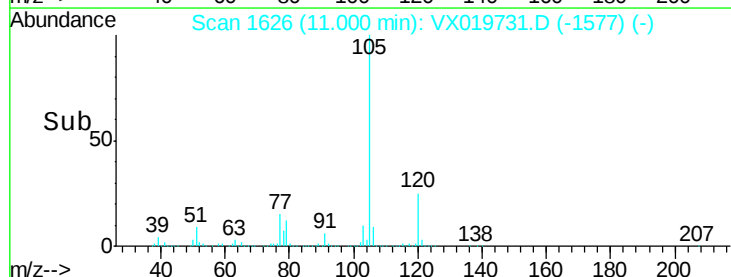
105 100

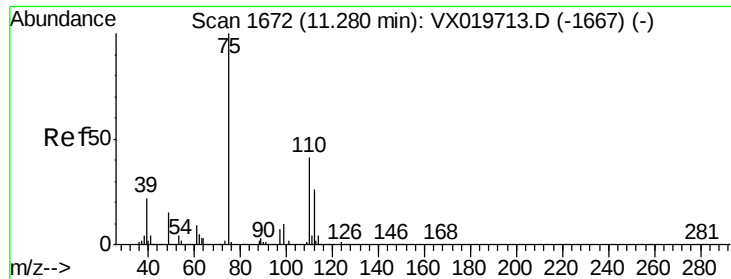
120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 4.443 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.06 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

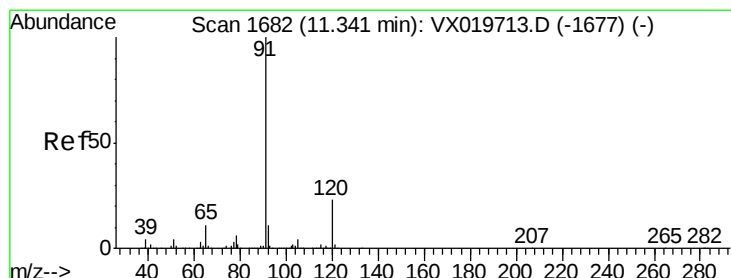
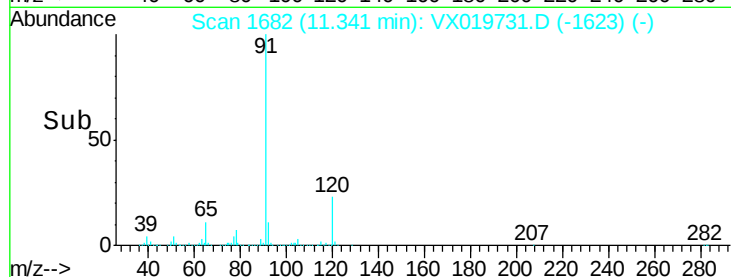
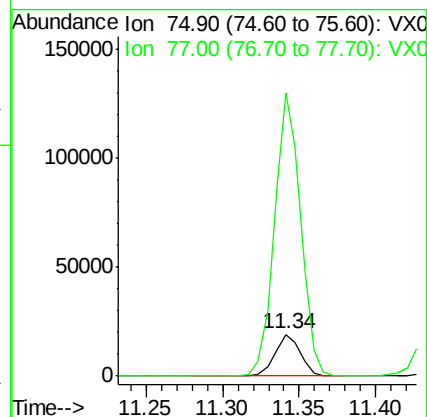
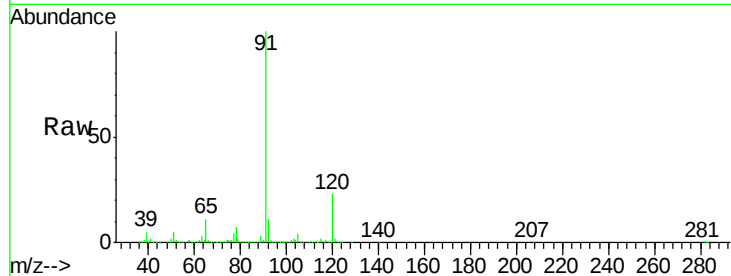
MW-5

Tot Ion: 75 Resp: 22364

Ion Ratio Lower Upper

75 100

77 687.7 19.1 57.5#



#78

n-propylbenzene

Concen: 220.115 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019731.D

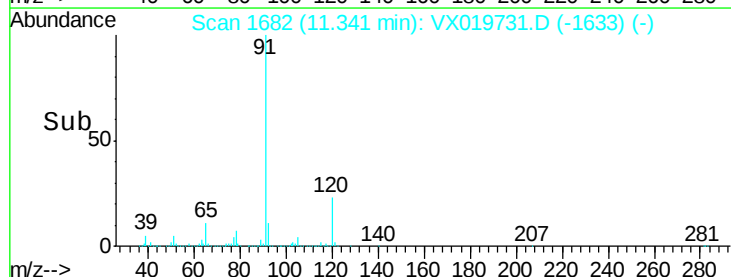
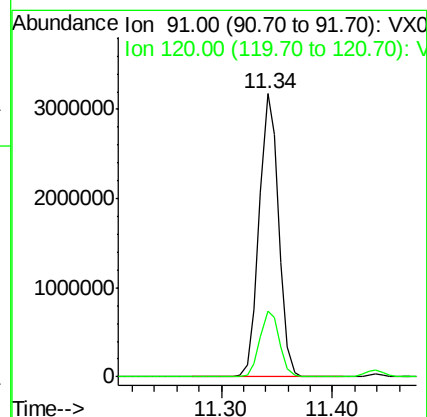
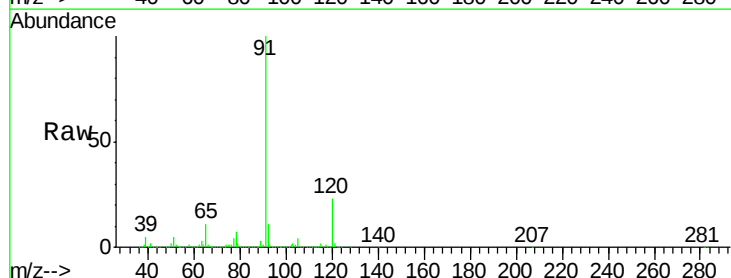
Acq: 04 Dec 2020 20:50

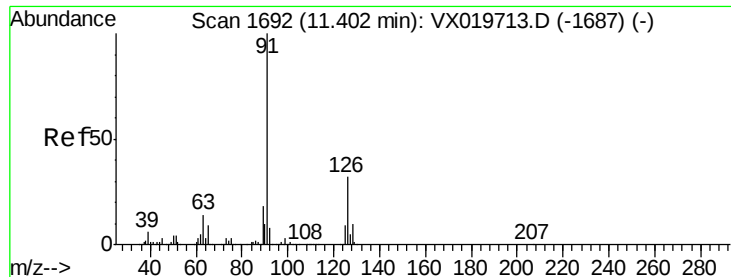
Tgt Ion: 91 Resp: 3854743

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.5





#79

2-Chlorotoluene

Concen: 357.435 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.06 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampled :

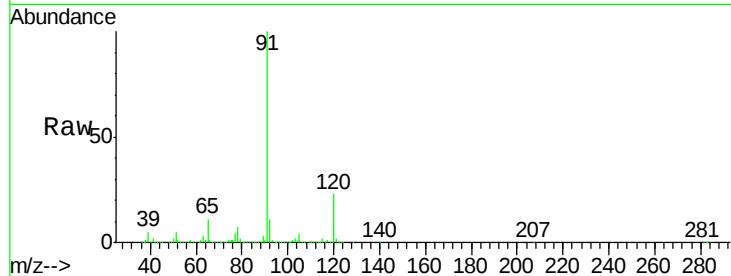
MW-5

Tot Ion: 91 Resp: 3854743

Ion Ratio Lower Upper

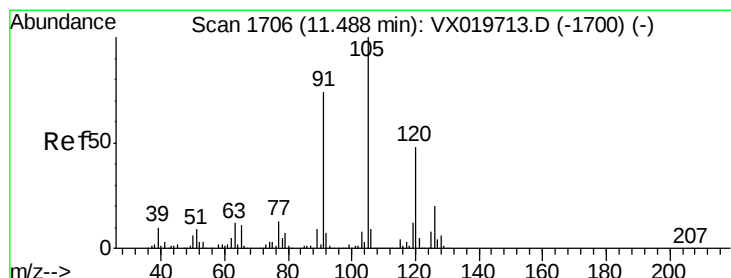
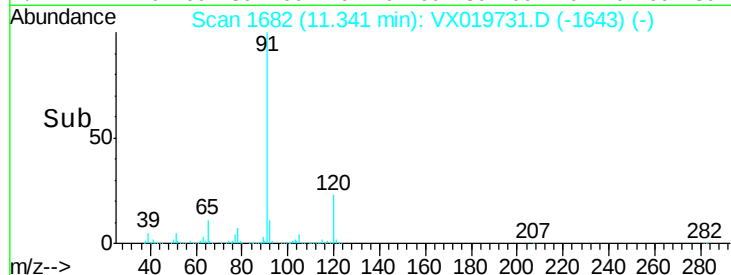
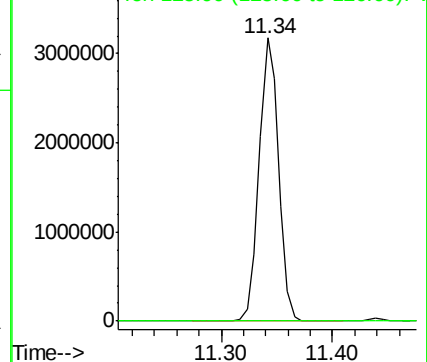
91 100

126 0.0 16.6 49.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 24.011 ug/l

RT: 11.44 min Scan# 1698

Delta R.T. -0.05 min

Lab File: VX019731.D

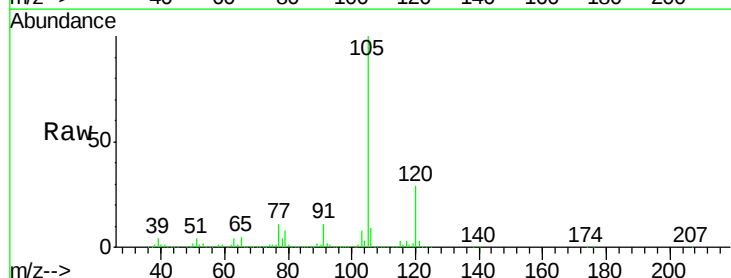
Acq: 04 Dec 2020 20:50

Tgt Ion:105 Resp: 310707

Ion Ratio Lower Upper

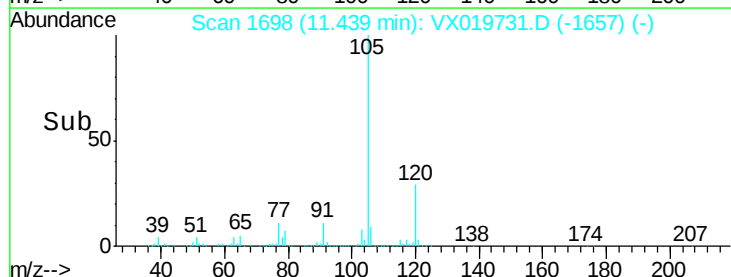
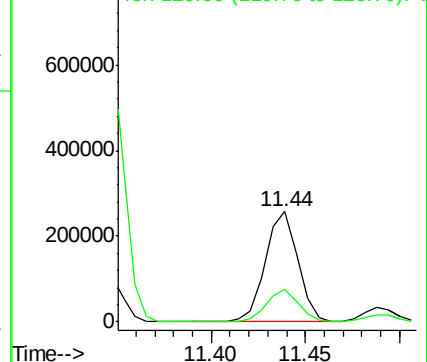
105 100

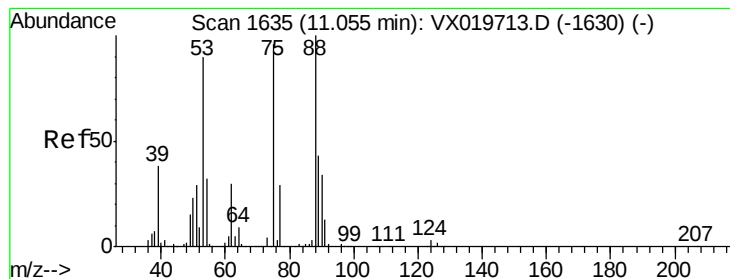
120 28.6 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.913 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.05 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampled :

MW-5

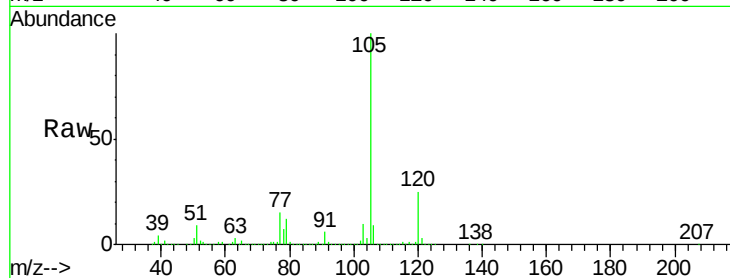
Tot Ion: 75 Resp: 8555

Ion Ratio Lower Upper

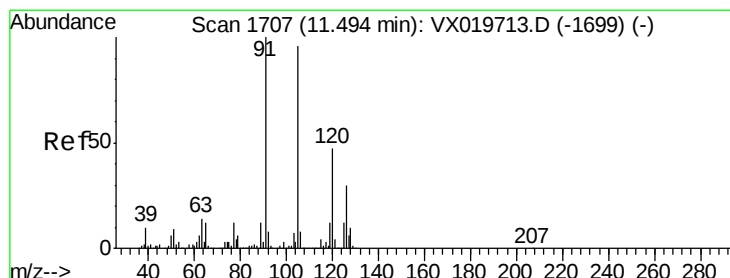
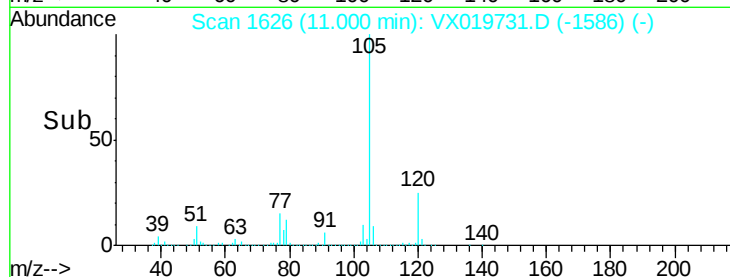
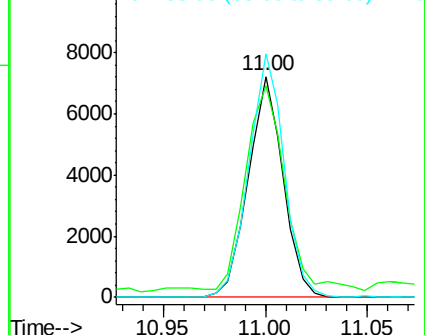
75 100

53 105.5 74.5 111.7

89 112.1 37.9 56.9#



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: 305.193 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.15 min

Lab File: VX019731.D

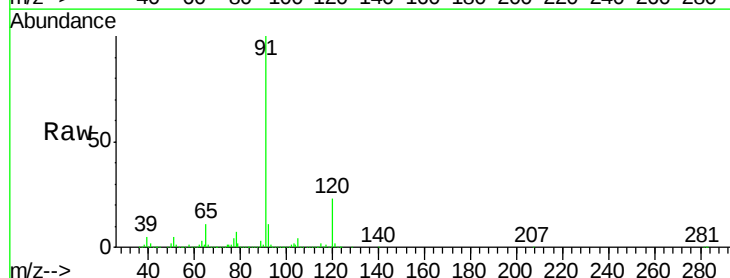
Acq: 04 Dec 2020 20:50

Tgt Ion: 91 Resp: 3854743

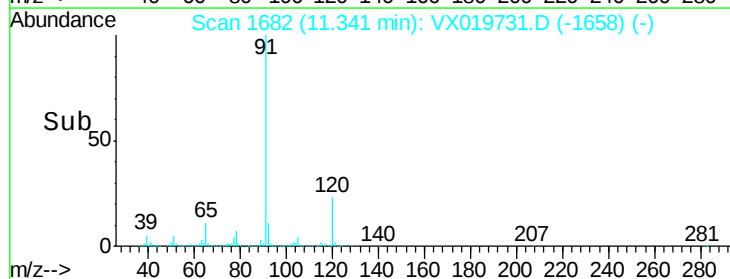
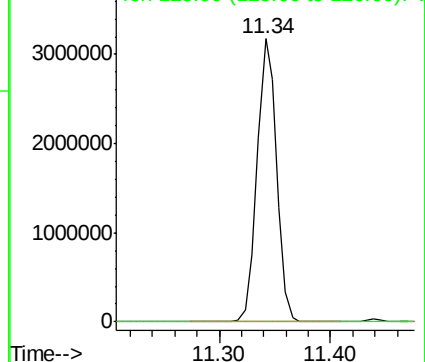
Ion Ratio Lower Upper

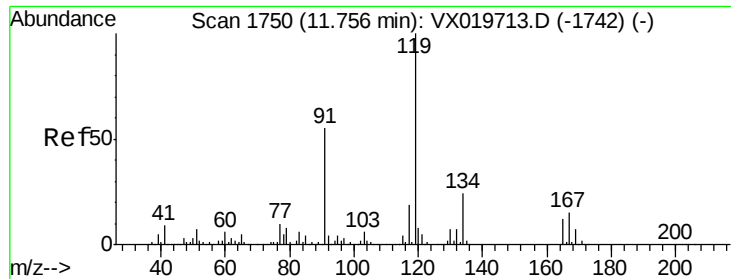
91 100

126 0.0 14.9 44.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

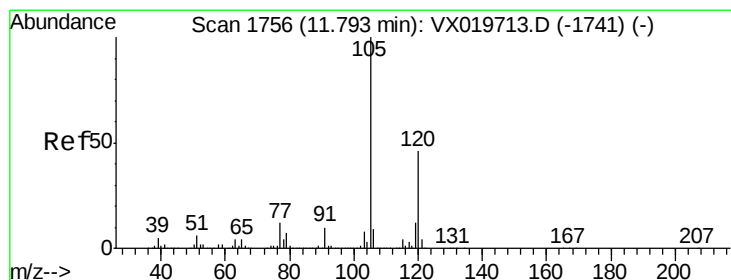
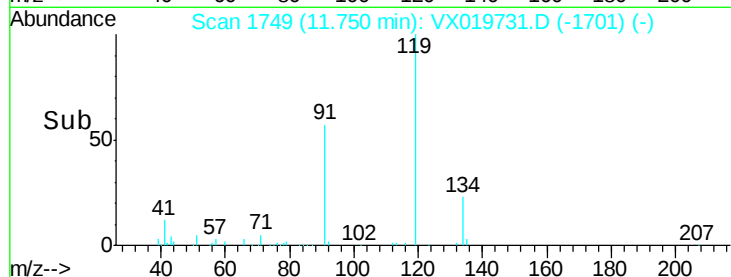
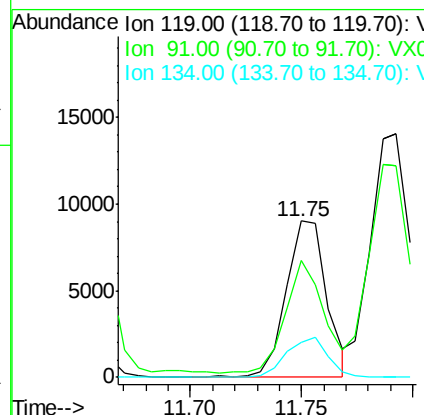
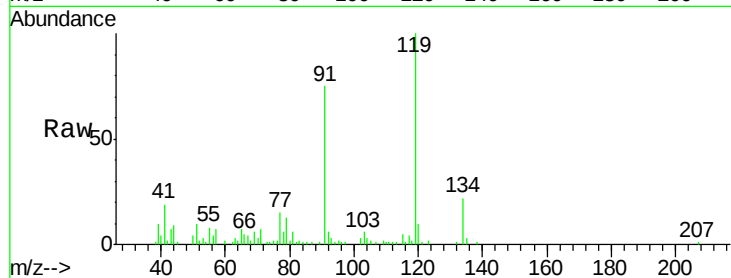




#83
tert-Butylbenzene
Concen: 0.892 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX019731.D
Acq: 04 Dec 2020 20:50

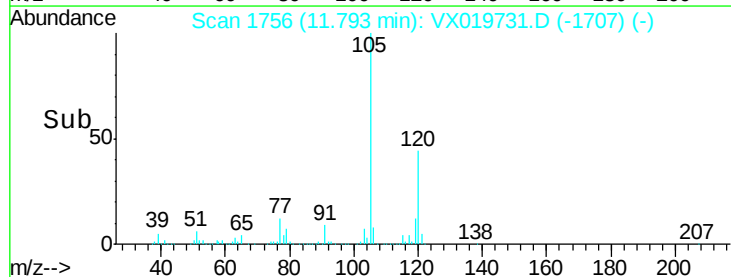
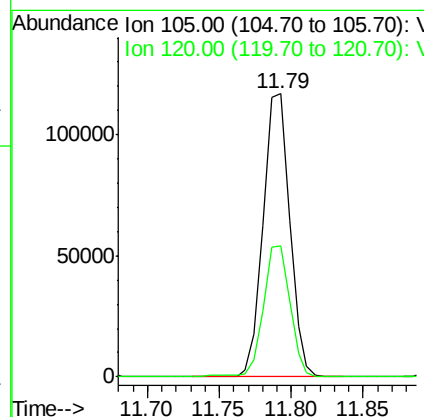
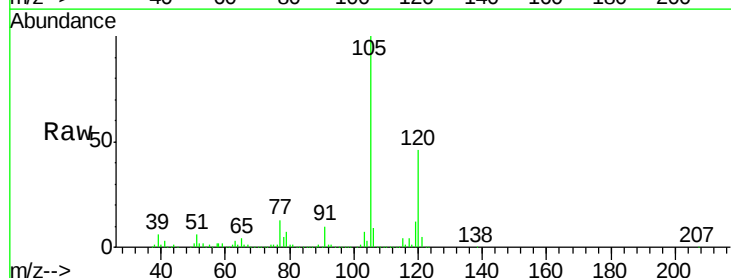
Instrument :
MSVOA_X
ClientSampled :
MW-5

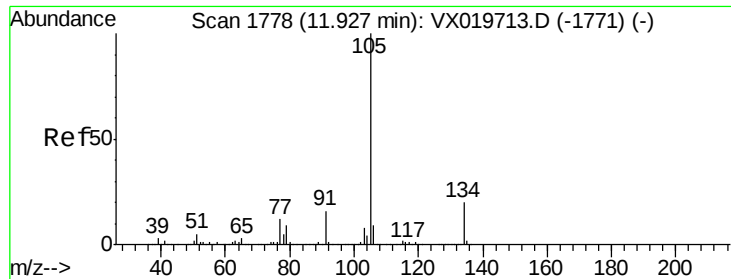
Tot Ion:119 Resp: 11323
Ion Ratio Lower Upper
119 100
91 0.0 27.9 83.7#
134 26.2 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 11.368 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019731.D
Acq: 04 Dec 2020 20:50

Tgt Ion:105 Resp: 148186
Ion Ratio Lower Upper
105 100
120 47.0 22.4 67.3

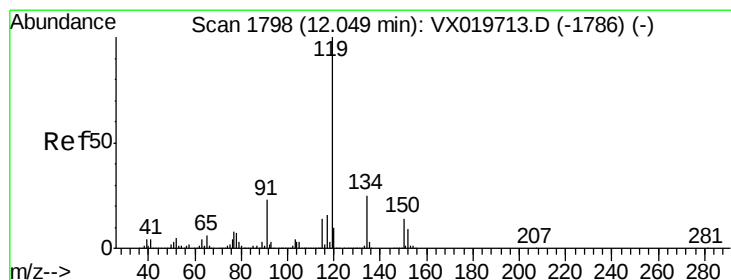
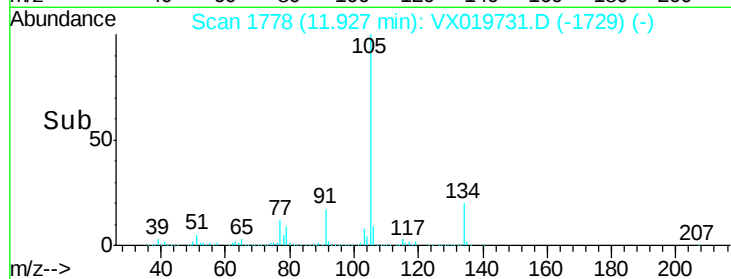
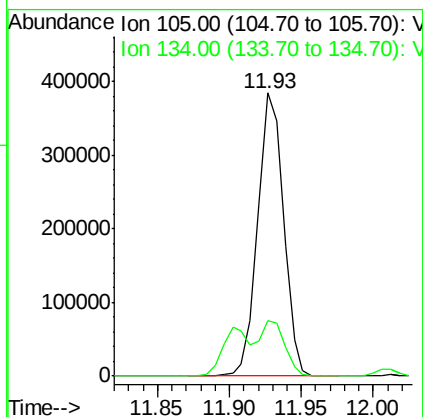
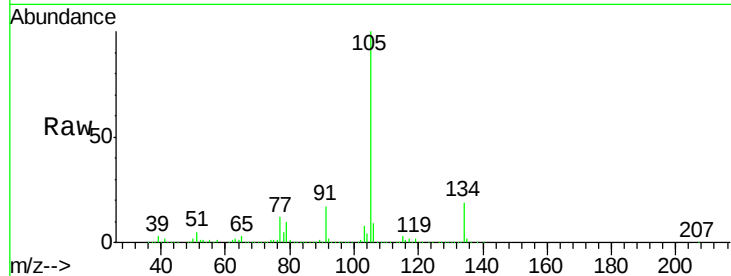




#85
 sec-Butylbenzene
 Concen: 32.799 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019731.D
 Acq: 04 Dec 2020 20:50

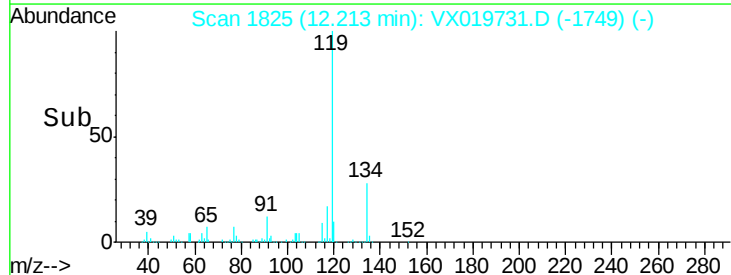
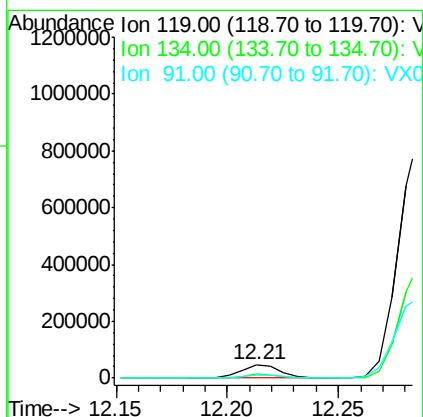
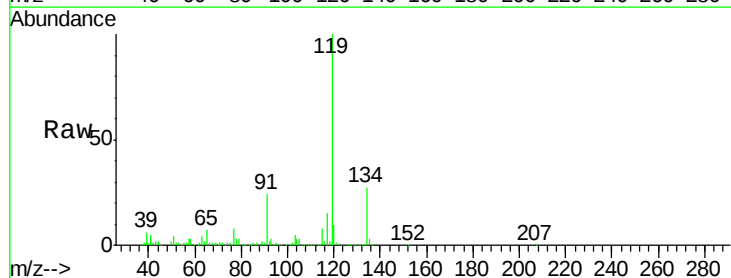
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

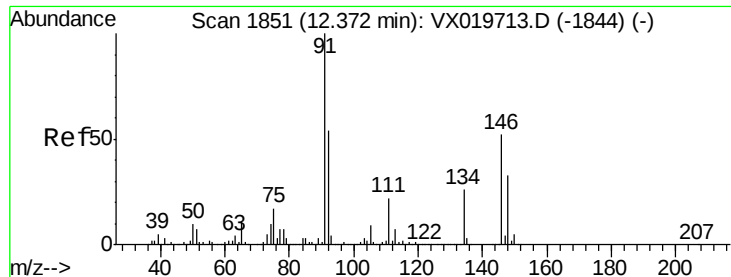
Tot Ion:105 Resp: 475262
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 4.320 ug/l
 RT: 12.21 min Scan# 1825
 Delta R.T. 0.16 min
 Lab File: VX019731.D
 Acq: 04 Dec 2020 20:50

Tgt Ion:119 Resp: 57368
 Ion Ratio Lower Upper
 119 100
 134 27.9 12.9 38.7
 91 23.9 11.7 35.0

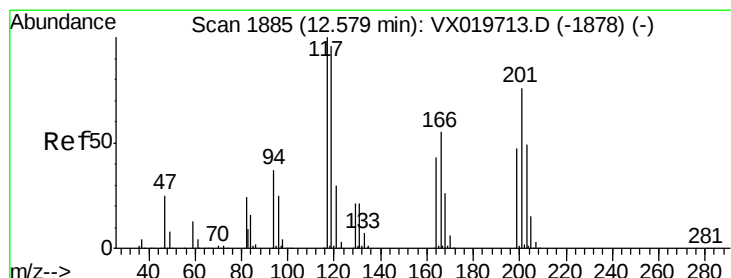
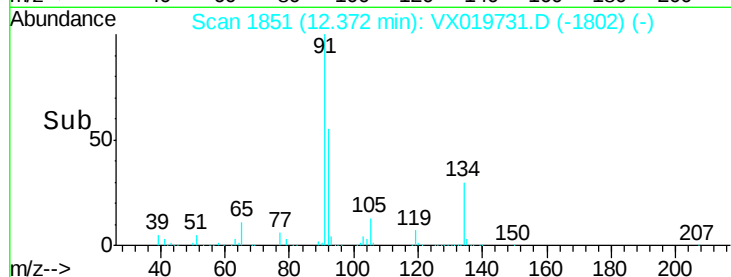
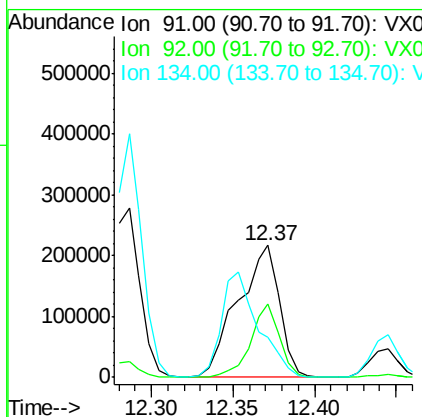
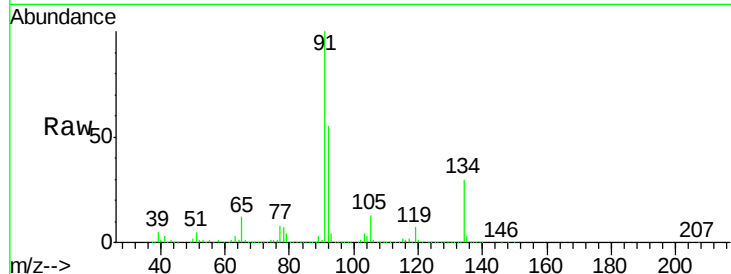




#89
n-Butylbenzene
Concen: 32.703 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019731.D
Acq: 04 Dec 2020 20:50

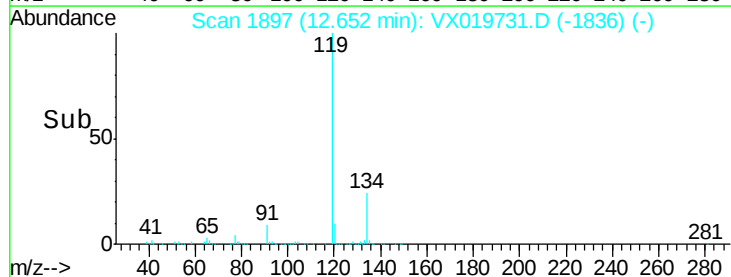
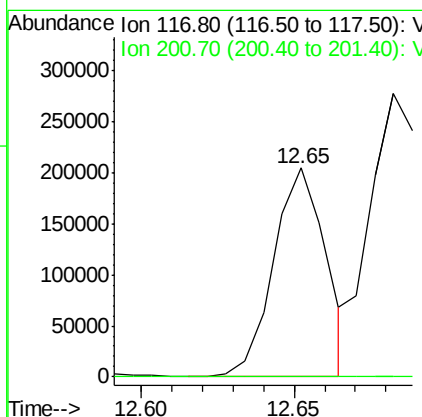
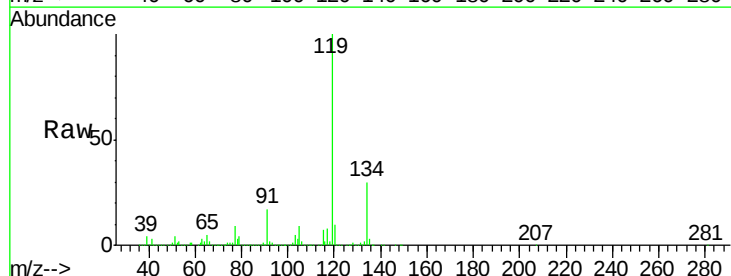
Instrument :
MSVOA_X
ClientSampleId :
MW-5

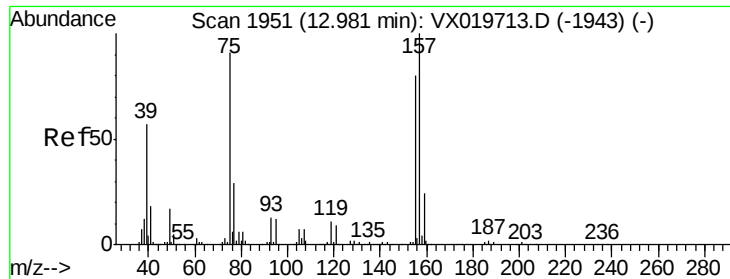
Tot Ion: 91 Resp: 384765
Ion Ratio Lower Upper
91 100
92 38.9 27.4 82.0
134 70.1 13.2 39.5#



#90
Hexachloroethane
Concen: 105.624 ug/l
RT: 12.65 min Scan# 1897
Delta R.T. 0.07 min
Lab File: VX019731.D
Acq: 04 Dec 2020 20:50

Tgt Ion: 117 Resp: 242162
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.595 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

MW-5

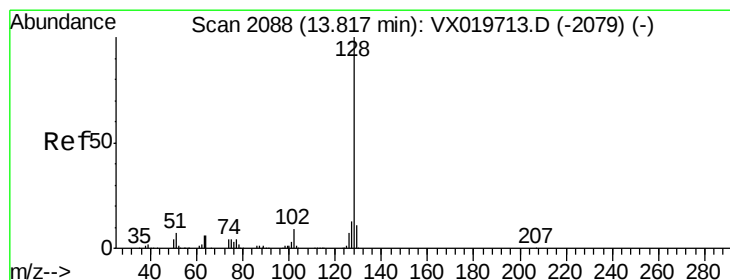
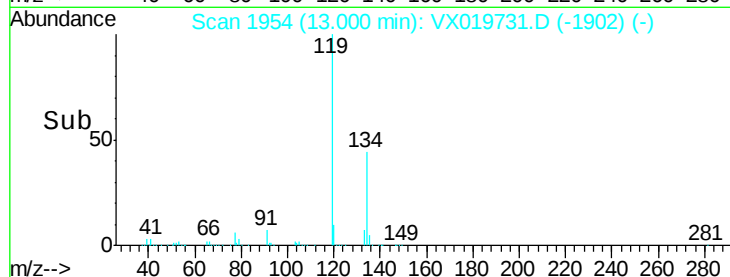
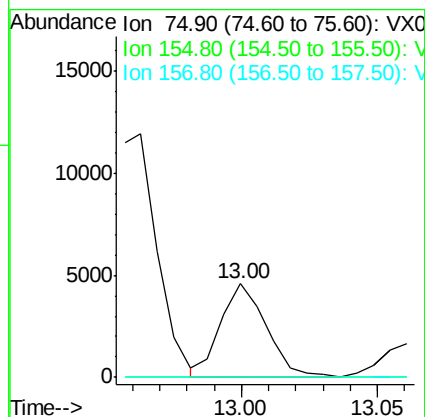
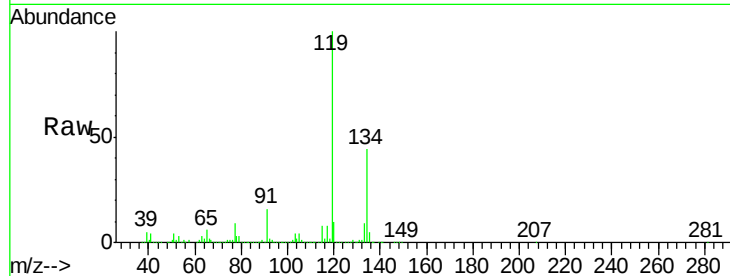
Tot Ion: 75 Resp: 5340

Ion Ratio Lower Upper

75 100

155 0.0 45.3 135.9#

157 0.0 57.7 173.1#



#95

Naphthalene

Concen: 13.268 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019731.D

Acq: 04 Dec 2020 20:50

Tgt Ion:128 Resp: 196583

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 16.3 8.8 13.2#

