

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019035.D
 Acq On : 22 Oct 2020 18:14
 Operator : JC/SP
 Sample : L4417-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

Quant Time: Oct 23 08:34:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	274107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	467868	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	453066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224588	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	163261	49.72	ug/l	0.00
Spiked Amount						
			Recovery	=	99.44%	
35) Dibromofluoromethane	5.46	113	144759	48.87	ug/l	0.00
Spiked Amount						
			Recovery	=	97.74%	
50) Toluene-d8	8.70	98	574339	50.81	ug/l	0.00
Spiked Amount						
			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.12	95	211402	52.58	ug/l	0.00
Spiked Amount						
			Recovery	=	105.16%	

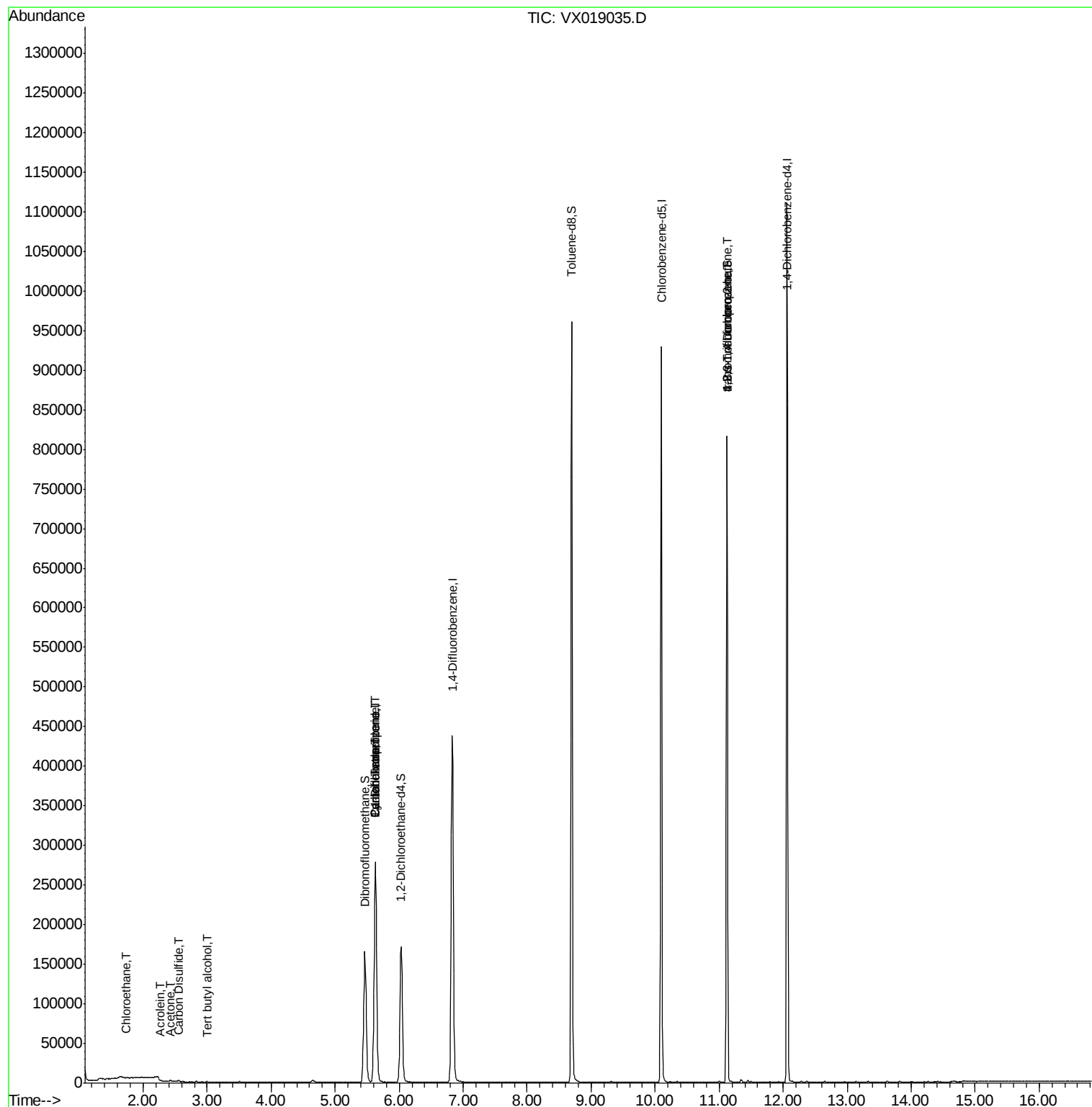
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	304	Below Cal	#	30
6) Chloroethane	1.73	64	69	1.297	ug/l #	56
11) Tert butyl alcohol	3.00	59	258	0.388	ug/l #	93
13) Acrolein	2.28	56	128	14.108	ug/l #	1
16) Acetone	2.43	43	2387	2.134	ug/l	96
17) Carbon Disulfide	2.55	76	2380	0.309	ug/l #	88
31) Cyclohexane	5.62	56	5317	1.383	ug/l #	3
36) 1,1-Dichloropropene	5.63	75	20128	4.794	ug/l #	48
38) Carbon Tetrachloride	5.63	117	26076	5.918	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	105378	23.475	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	105378	59.810	ug/l #	15

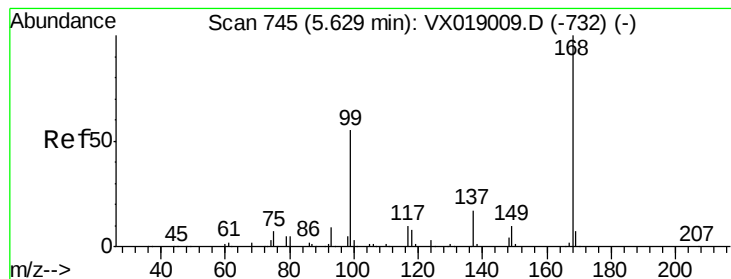
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102220\
Data File : VX019035.D
Acq On : 22 Oct 2020 18:14
Operator : JC/SP
Sample : L4417-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-15

Quant Time: Oct 23 08:34:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019035.D

Acq: 22 Oct 2020 18:14

Instrument :

MSVOA_X

ClientSampleId :

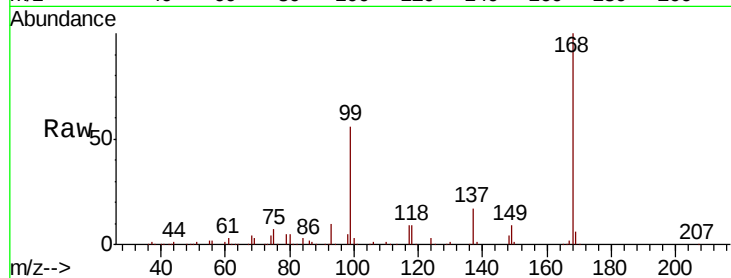
MW-15

Tot Ion:168 Resp: 274107

Ion Ratio Lower Upper

168 100

99 56.3 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

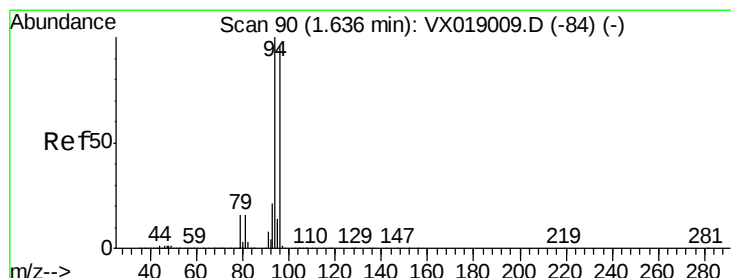
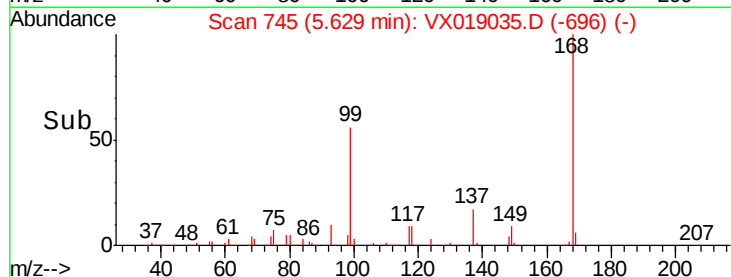
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX019035.D

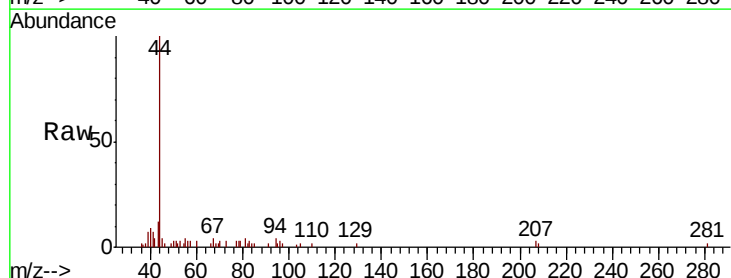
Acq: 22 Oct 2020 18:14

Tgt Ion: 94 Resp: 304

Ion Ratio Lower Upper

94 100

96 27.6 77.1 115.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

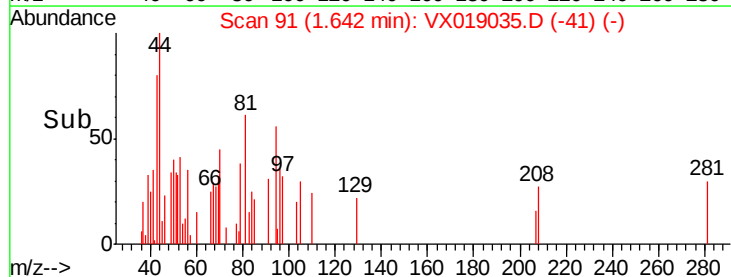
150

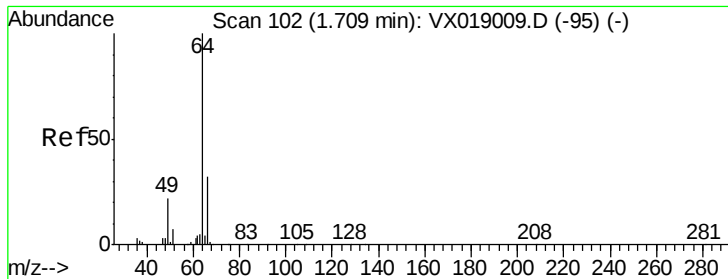
100

50

0

Time-->





#6

Chloroethane

Concen: 1.297 ug/l

RT: 1.73 min Scan# 106

Delta R.T. 0.02 min

Lab File: VX019035.D

Acq: 22 Oct 2020 18:14

Instrument :

MSVOA_X

ClientSampleId :

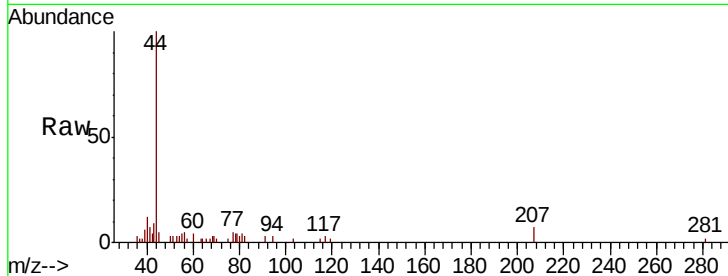
MW-15

Tot Ion: 64 Resp: 69

Ion Ratio Lower Upper

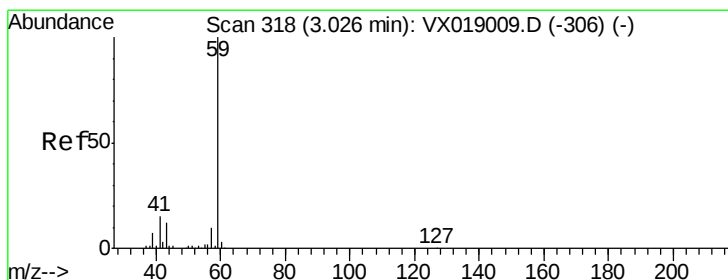
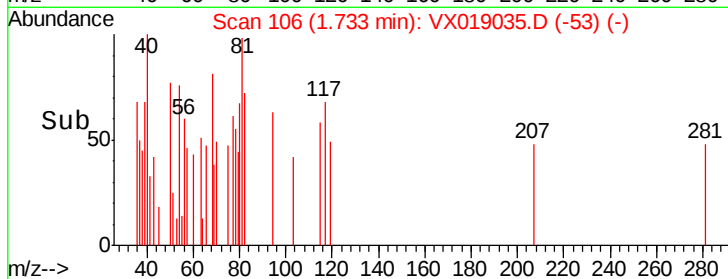
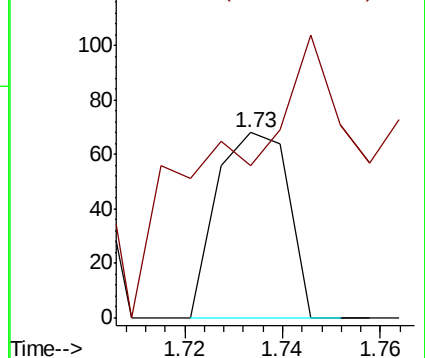
64 100

66 7.4 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 0.388 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.02 min

Lab File: VX019035.D

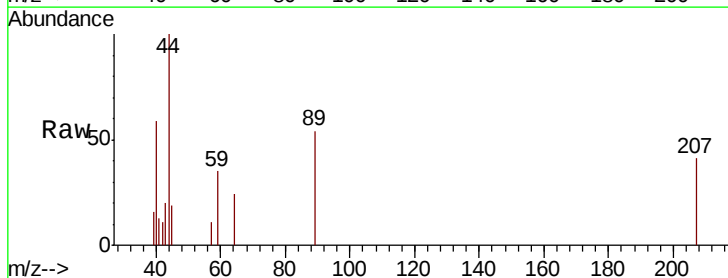
Acq: 22 Oct 2020 18:14

Tgt Ion: 59 Resp: 258

Ion Ratio Lower Upper

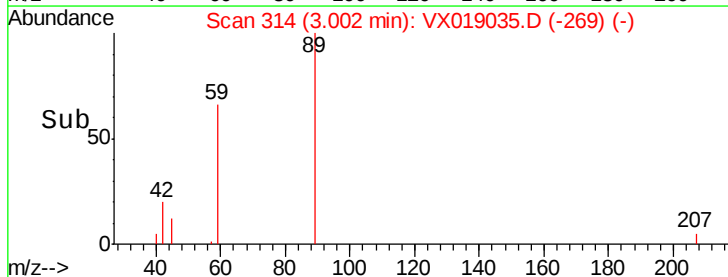
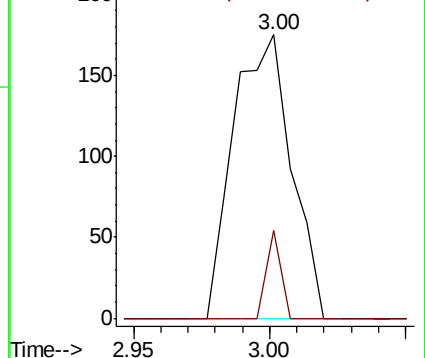
59 100

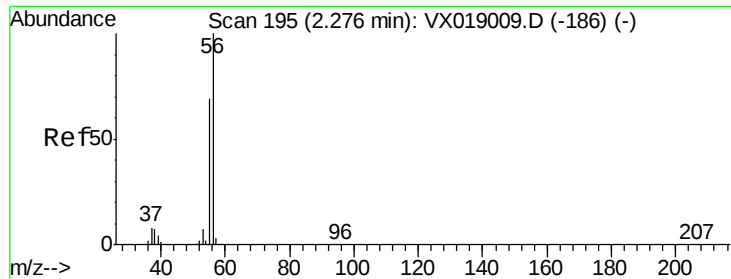
57 7.8 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 14.108 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX019035.D

Acq: 22 Oct 2020 18:14

Instrument :

MSVOA_X

ClientSampled :

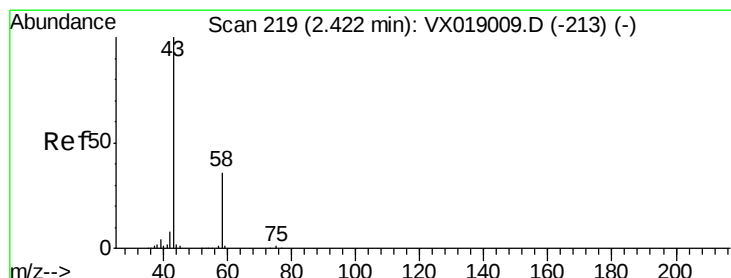
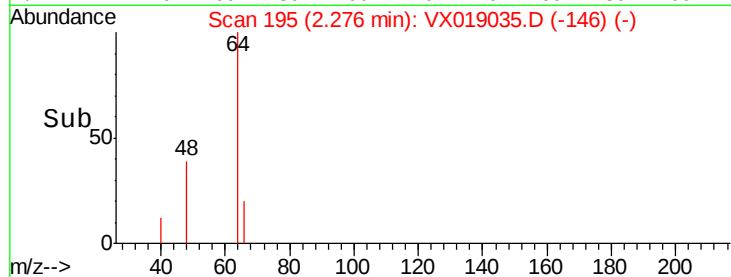
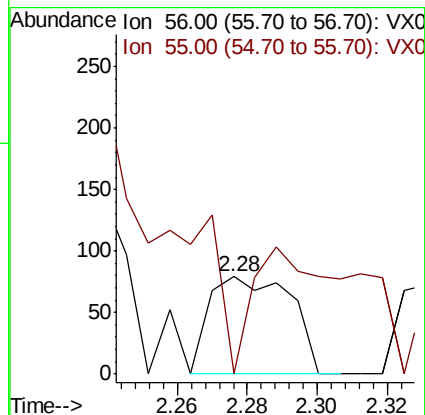
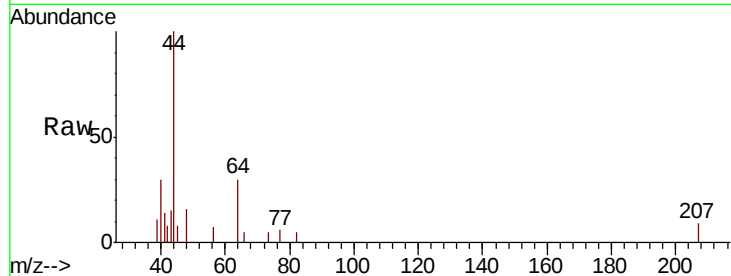
MW-15

Tot Ion: 56 Resp: 128

Ion Ratio Lower Upper

56 100

55 165.6 54.2 81.4#



#16

Acetone

Concen: 2.134 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019035.D

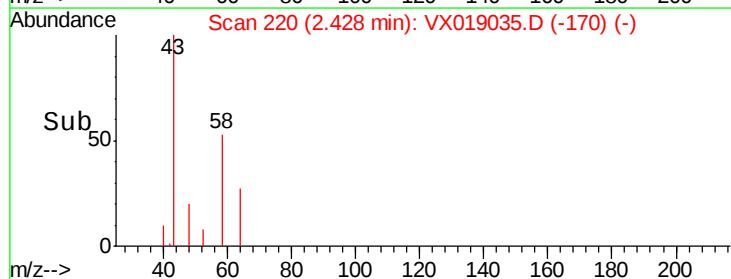
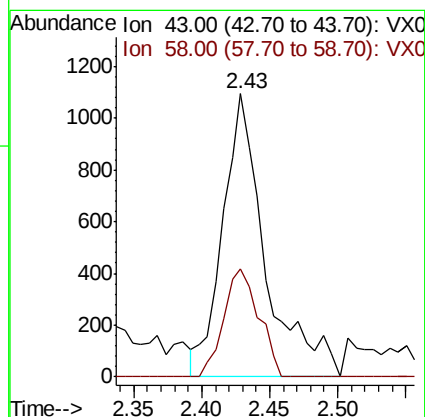
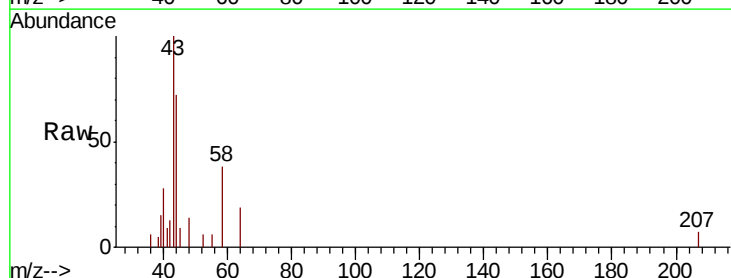
Acq: 22 Oct 2020 18:14

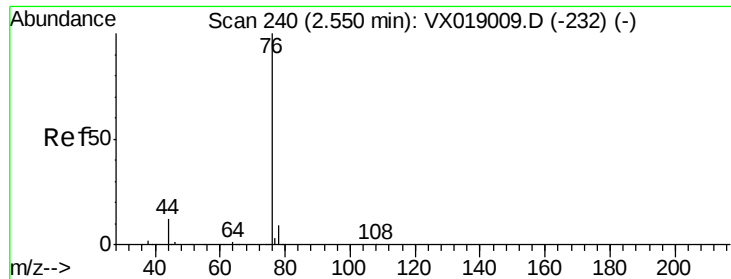
Tgt Ion: 43 Resp: 2387

Ion Ratio Lower Upper

43 100

58 38.3 28.6 42.8

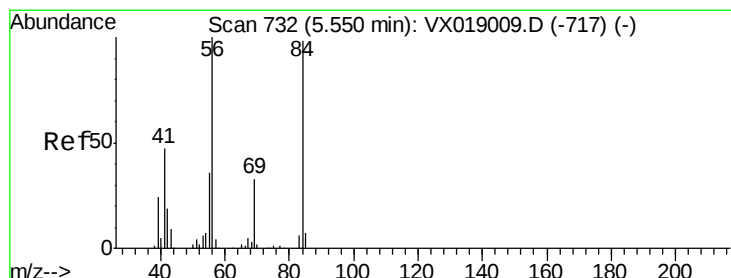
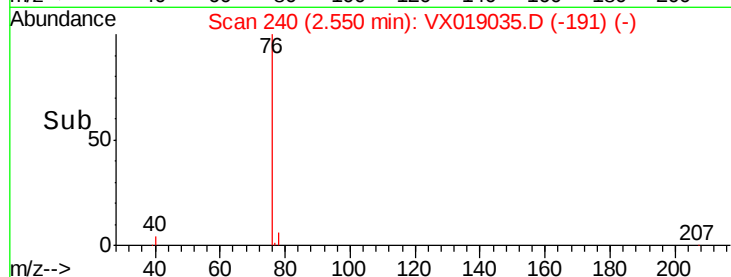
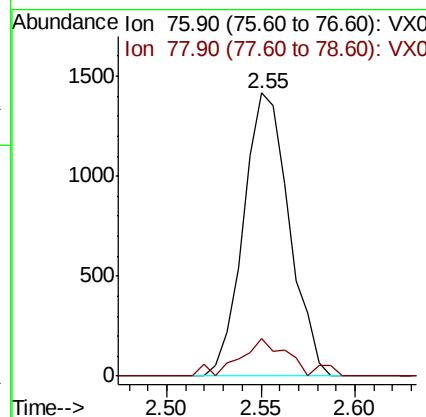
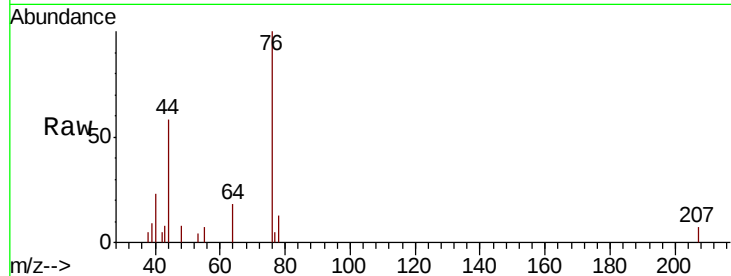




#17
Carbon Disulfide
Concen: 0.309 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019035.D
Acq: 22 Oct 2020 18:14

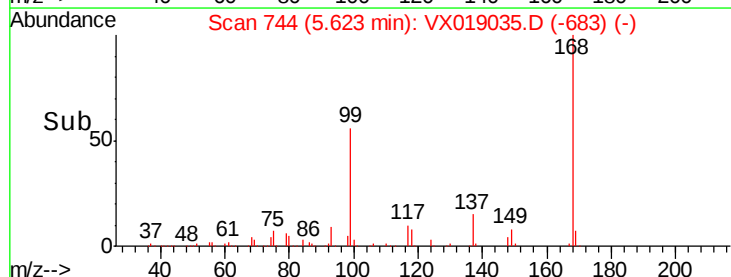
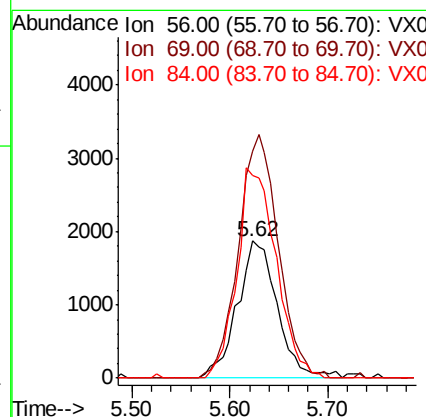
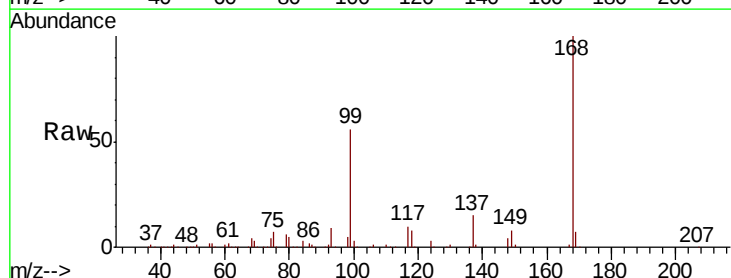
Instrument :
MSVOA_X
ClientSampleId :
MW-15

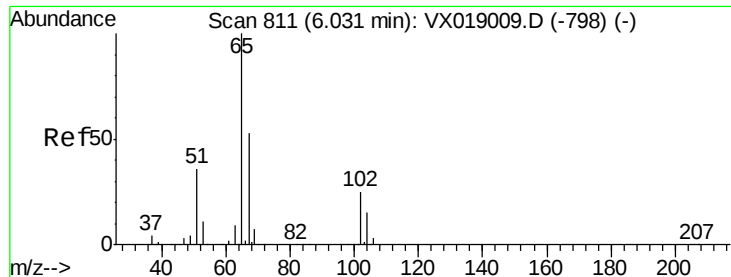
Tot Ion: 76 Resp: 2380
Ion Ratio Lower Upper
76 100
78 13.1 7.1 10.7#



#31
Cyclohexane
Concen: 1.383 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX019035.D
Acq: 22 Oct 2020 18:14

Tgt Ion: 56 Resp: 5317
Ion Ratio Lower Upper
56 100
69 166.1 26.2 39.2#
84 148.0 78.3 117.5#

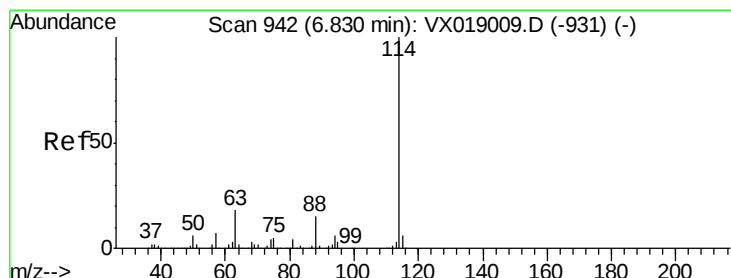
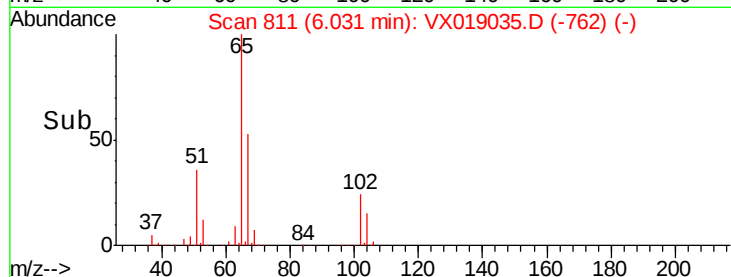
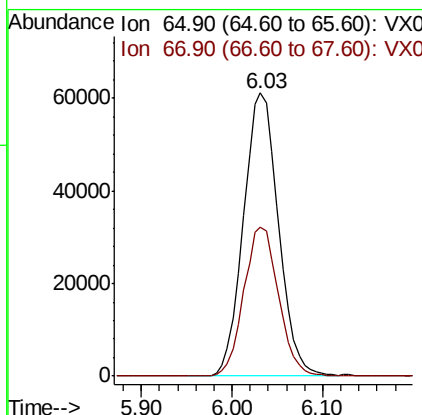
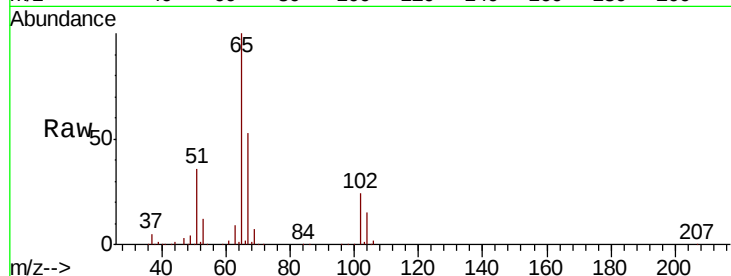




#33
 1,2-Dichloroethane-d4
 Concen: 49.724 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019035.D
 Acq: 22 Oct 2020 18:14

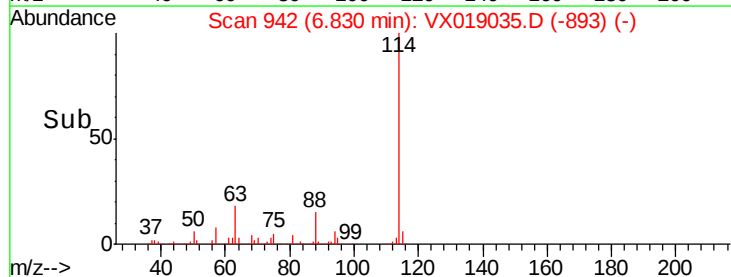
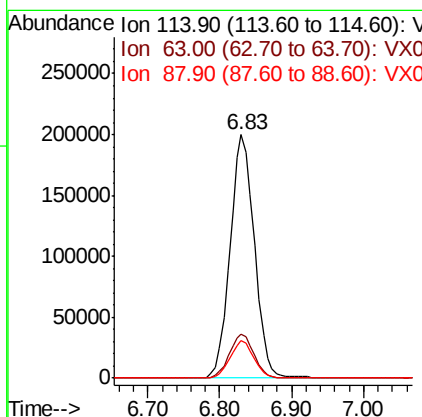
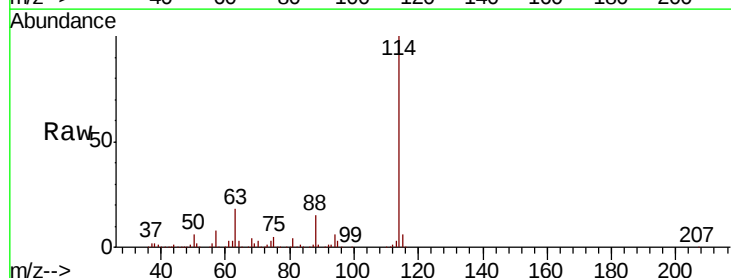
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

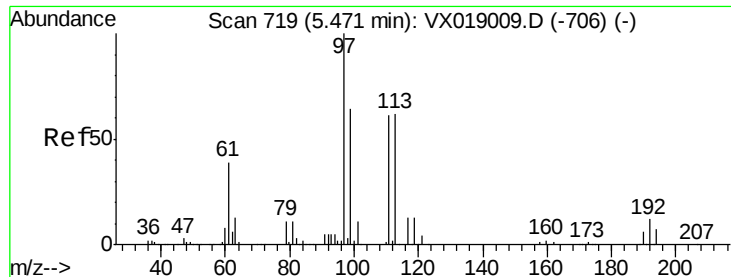
Tot Ion: 65 Resp: 163261
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019035.D
 Acq: 22 Oct 2020 18:14

Tgt Ion: 114 Resp: 467868
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.8
 88 15.5 0.0 30.2

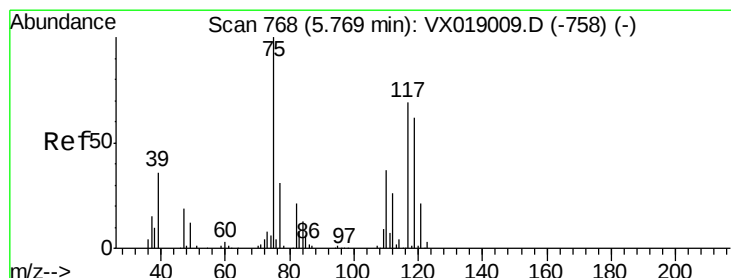
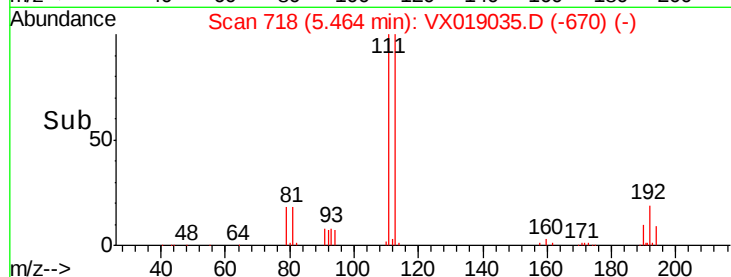
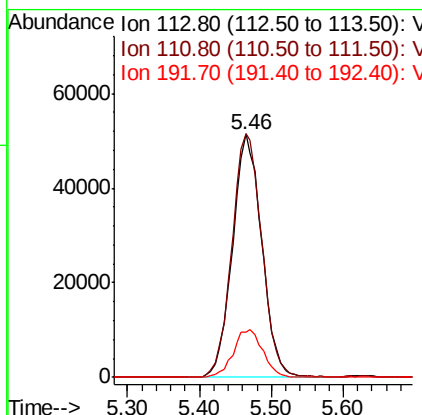
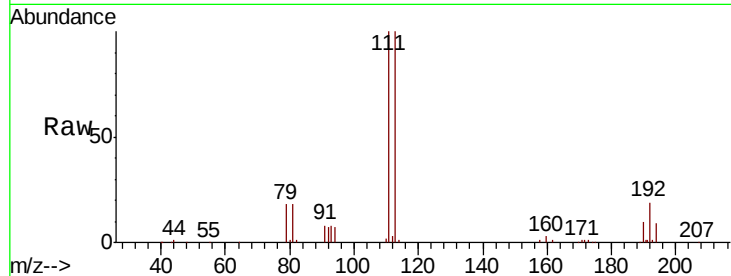




#35
 Dibromofluoromethane
 Concen: 48.868 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX019035.D
 Acq: 22 Oct 2020 18:14

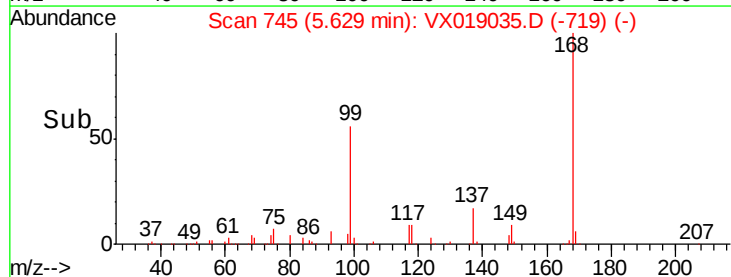
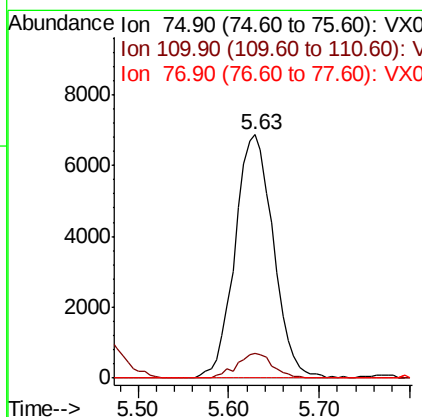
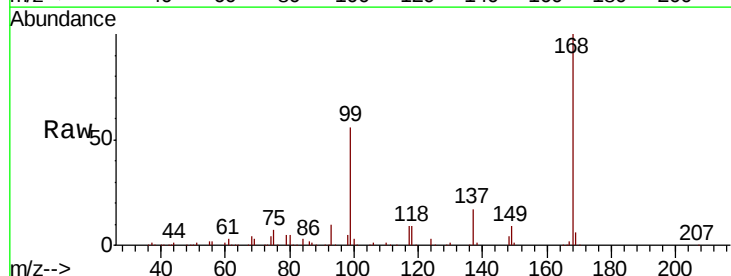
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

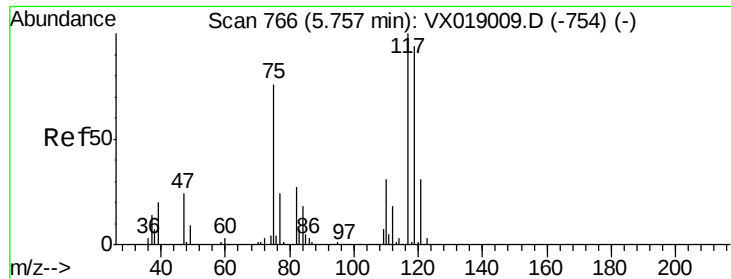
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	19.8	16.3	24.5



#36
 1,1-Dichloropropene
 Concen: 4.794 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX019035.D
 Acq: 22 Oct 2020 18:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.4	58.2#
77	0.0	25.2	37.8#





#38

Carbon Tetrachloride

Concen: 5.918 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX019035.D

Acq: 22 Oct 2020 18:14

Instrument :

MSVOA_X

ClientSampleId :

MW-15

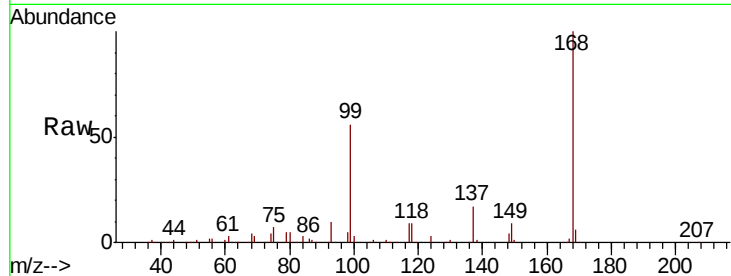
Tot Ion:117 Resp: 26076

Ion Ratio Lower Upper

117 100

119 4.2 75.4 113.0#

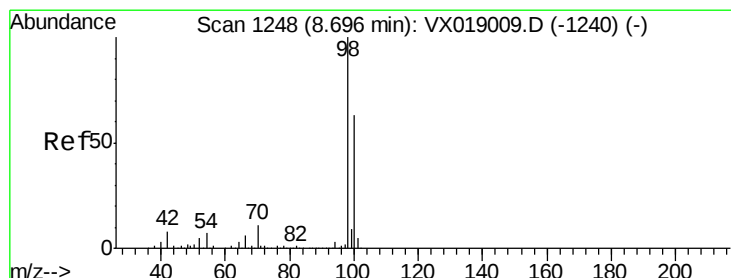
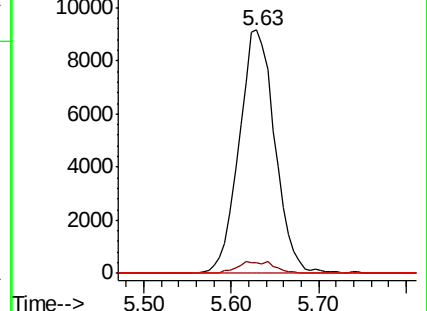
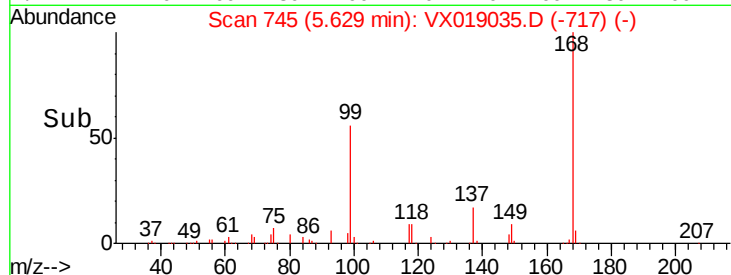
121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 50.809 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019035.D

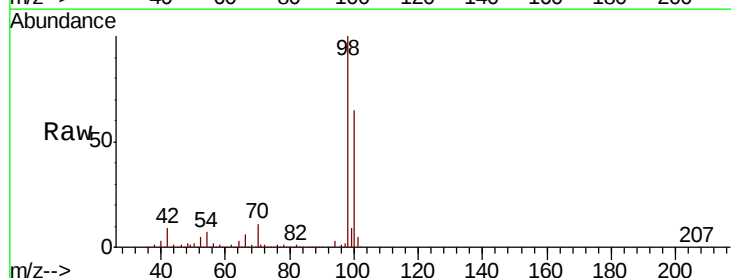
Acq: 22 Oct 2020 18:14

Tgt Ion: 98 Resp: 574339

Ion Ratio Lower Upper

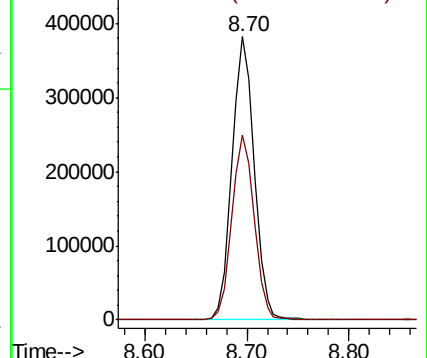
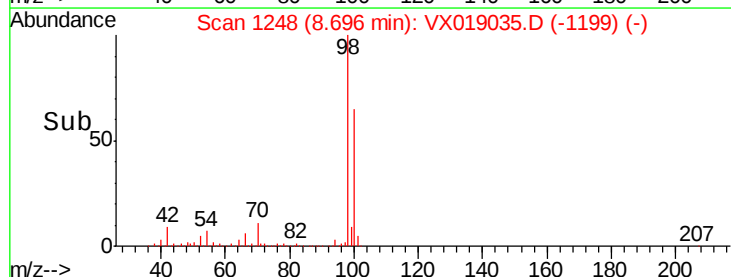
98 100

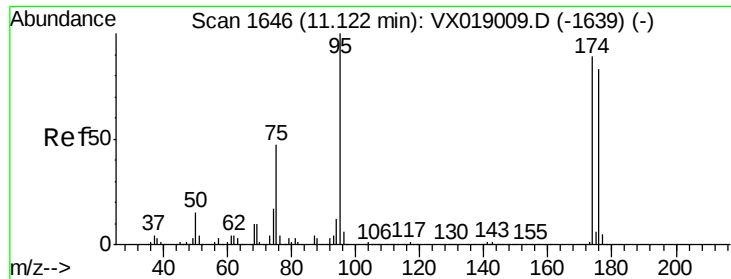
100 65.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

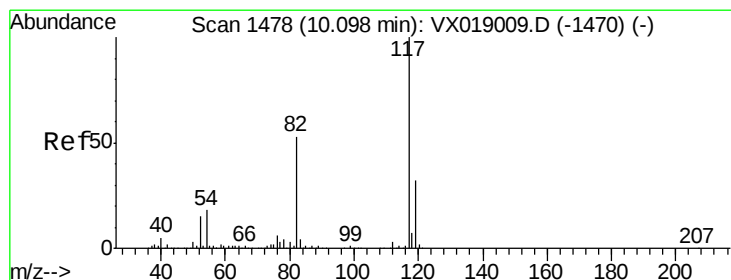
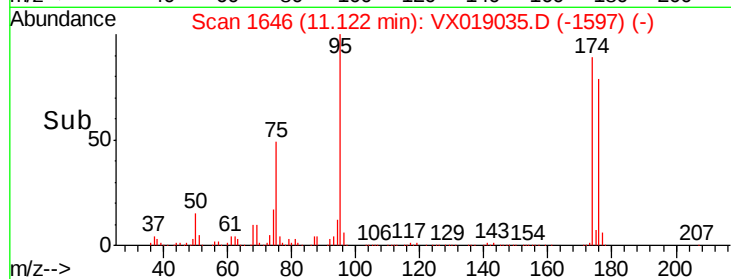
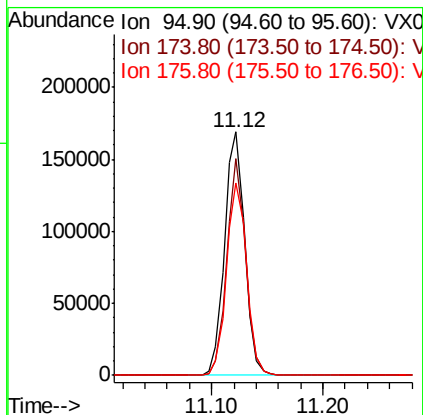
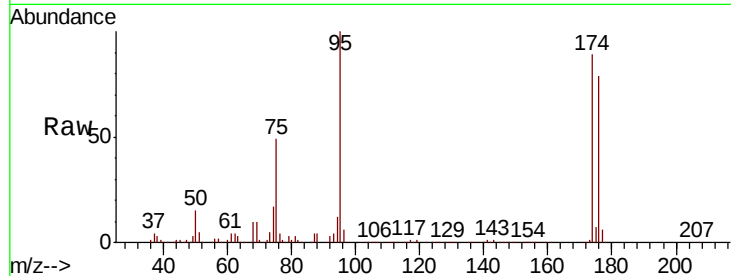




#62
4-Bromofluorobenzene
Concen: 52.576 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019035.D
Acq: 22 Oct 2020 18:14

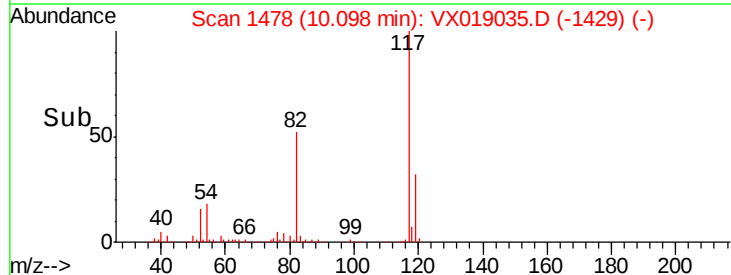
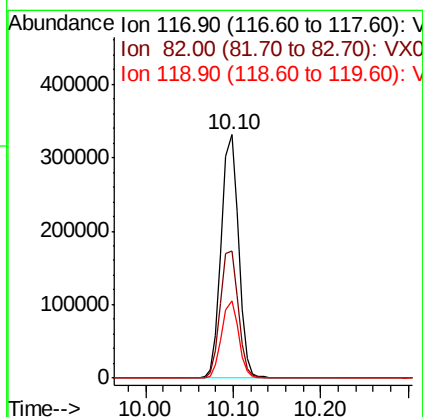
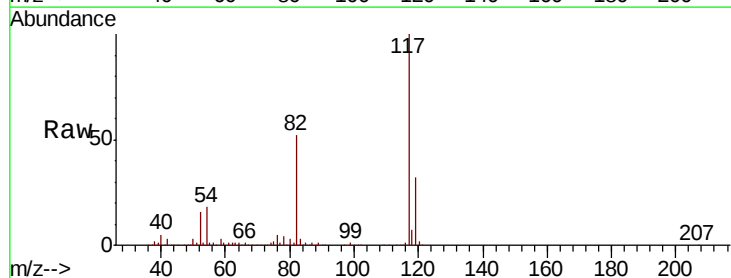
Instrument :
MSVOA_X
ClientSampleId :
MW-15

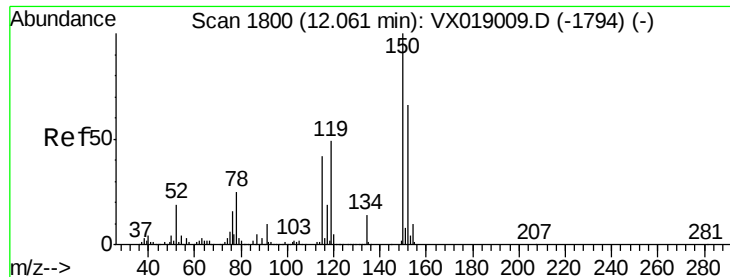
Tot Ion: 95 Resp: 211402
Ion Ratio Lower Upper
95 100
174 82.9 0.0 167.6
176 79.1 0.0 165.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019035.D
Acq: 22 Oct 2020 18:14

Tgt Ion: 117 Resp: 453066
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 31.6 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019035.D

Acq: 22 Oct 2020 18:14

Instrument :

MSVOA_X

ClientSampleId :

MW-15

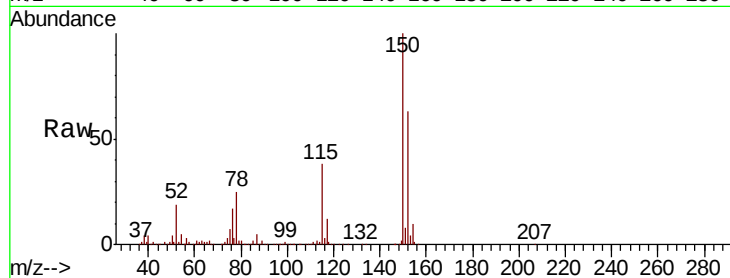
Tot Ion:152 Resp: 224588

Ion Ratio Lower Upper

152 100

115 59.3 40.8 122.5

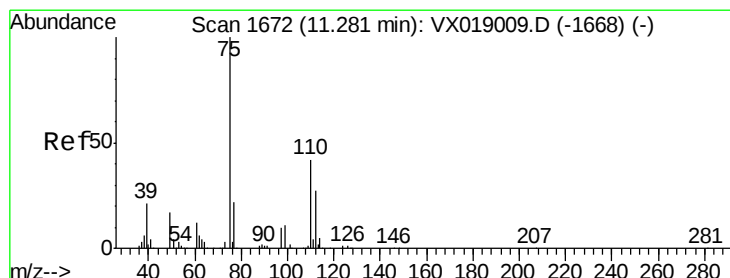
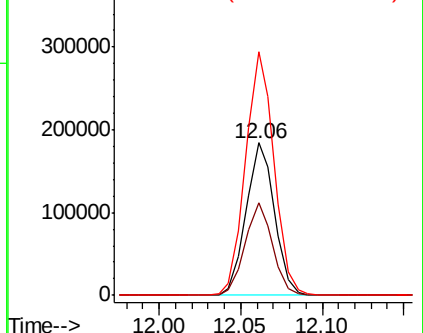
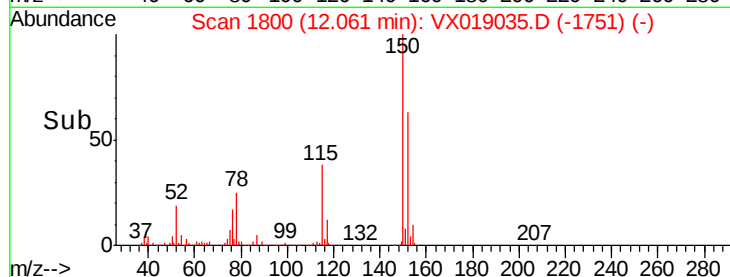
150 159.7 0.0 345.6



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



#76

1,2,3-Trichloropropane

Concen: 23.475 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019035.D

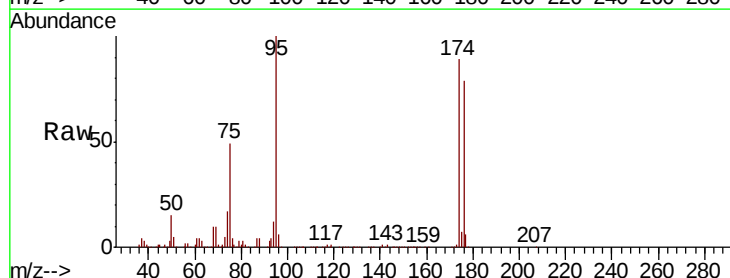
Acq: 22 Oct 2020 18:14

Tgt Ion: 75 Resp: 105378

Ion Ratio Lower Upper

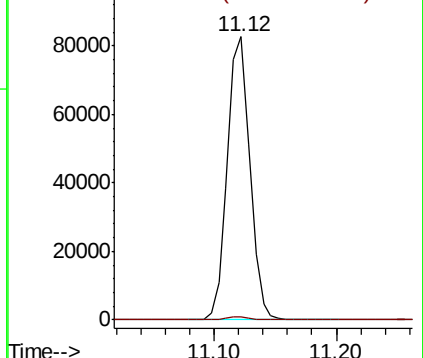
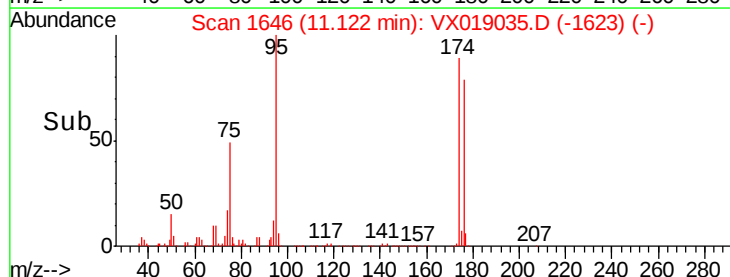
75 100

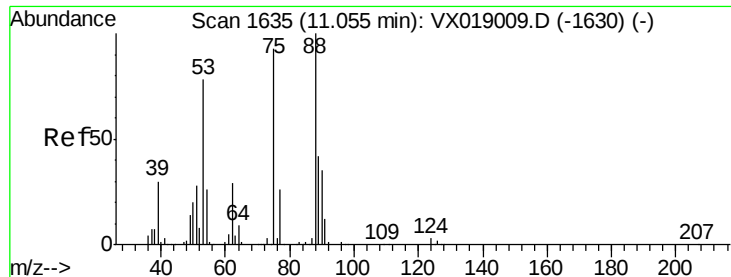
77 1.3 20.7 62.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 59.810 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019035.D

Acq: 22 Oct 2020 18:14

Instrument :

MSVOA_X

ClientSampleId :

MW-15

Tot Ion: 75 Resp: 105378

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 37.2 55.8#

