

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019025.D
 Acq On : 22 Oct 2020 14:30
 Operator : JC/SP
 Sample : L4417-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Quant Time: Oct 23 08:32:29 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	297242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	504160	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	498101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	243814	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	177747	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
35) Dibromofluoromethane	5.47	113	156122	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
50) Toluene-d8	8.70	98	626480	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.12	95	231862	53.51	ug/l	0.00
Spiked Amount			Recovery	=	107.02%	

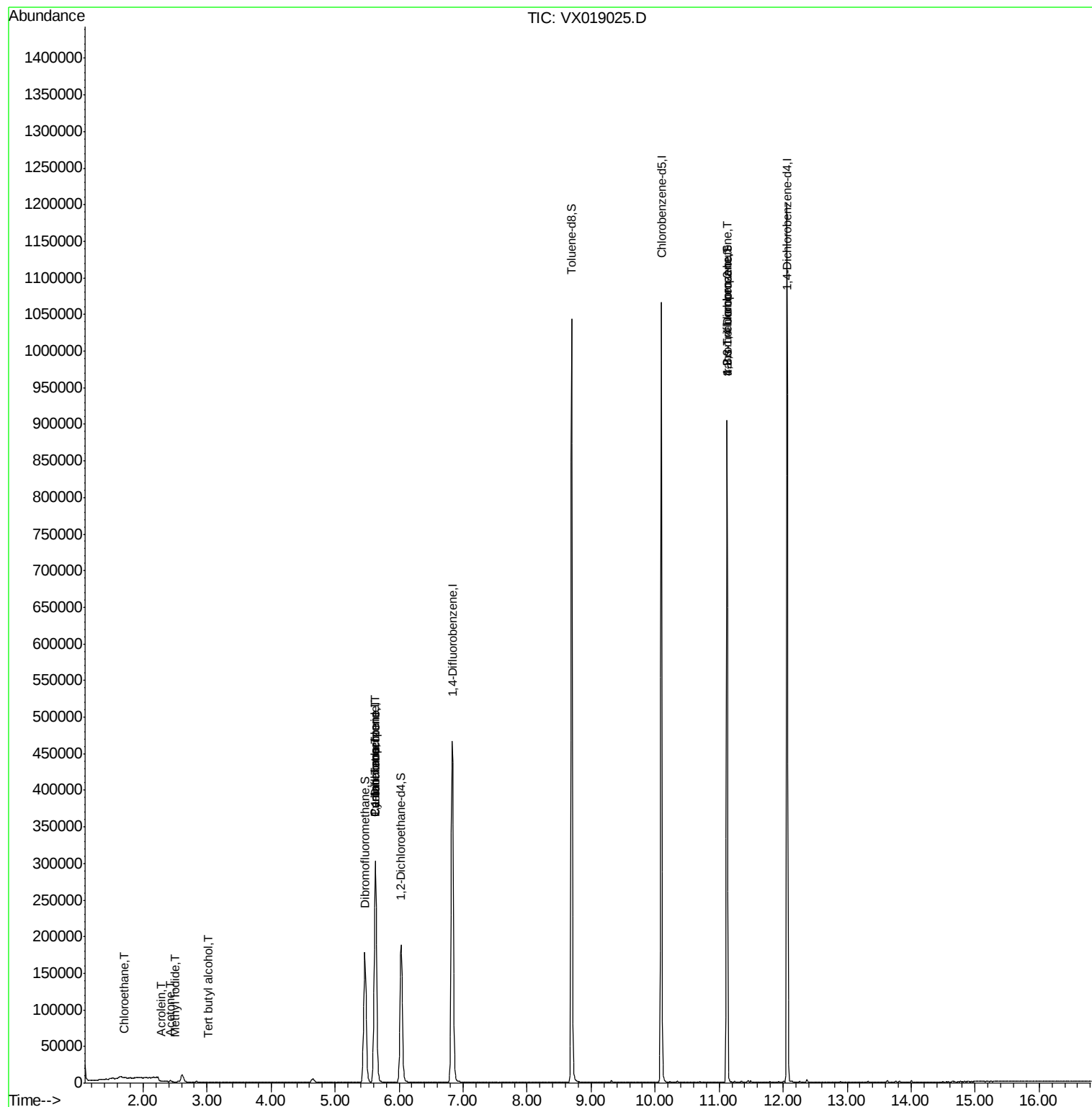
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	398	Below Cal	#	60
6) Chloroethane	1.71	64	19	1.279	ug/l	92
10) Methyl Iodide	2.50	142	258	4.829	ug/l #	86
11) Tert butyl alcohol	3.02	59	740	1.026	ug/l #	81
13) Acrolein	2.29	56	158	14.174	ug/l	88
16) Acetone	2.43	43	2199	1.813	ug/l	93
31) Cyclohexane	5.64	56	5957	1.429	ug/l #	12
36) 1,1-Dichloropropene	5.62	75	21435	4.738	ug/l #	49
38) Carbon Tetrachloride	5.63	117	28584	6.020	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	116785	23.965	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	116785	61.057	ug/l #	15

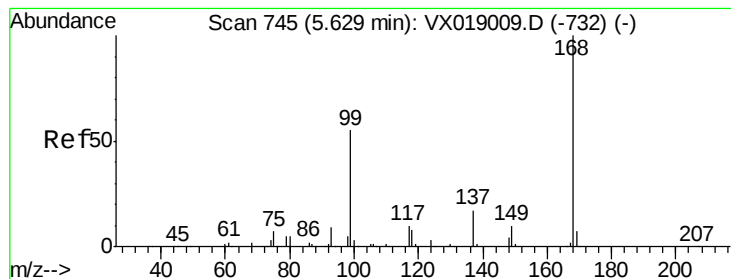
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102220\
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Quant Time: Oct 23 08:32:29 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: VX019025.D

Acq: 22 Oct 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

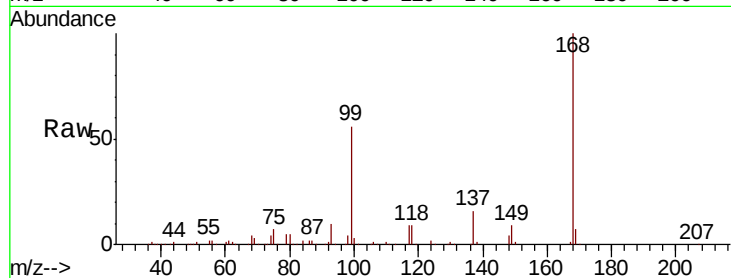
MW-8

Tot Ion:168 Resp: 297242

Ion Ratio Lower Upper

168 100

99 55.5 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

120000

100000

80000

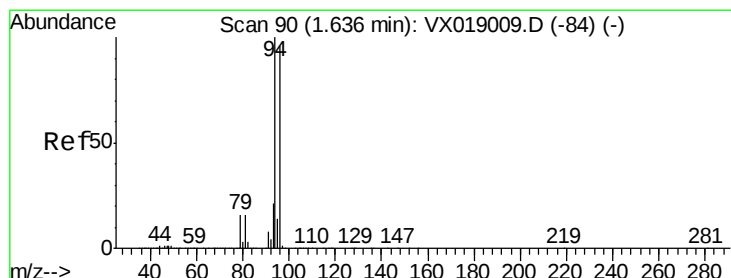
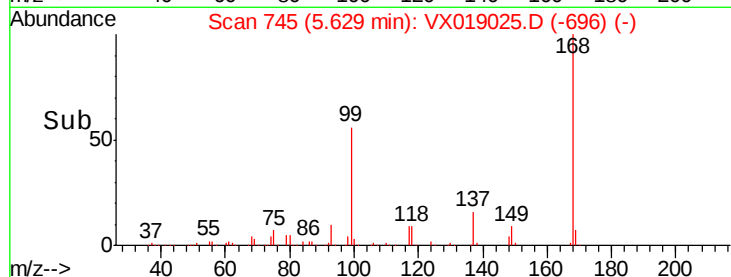
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019025.D

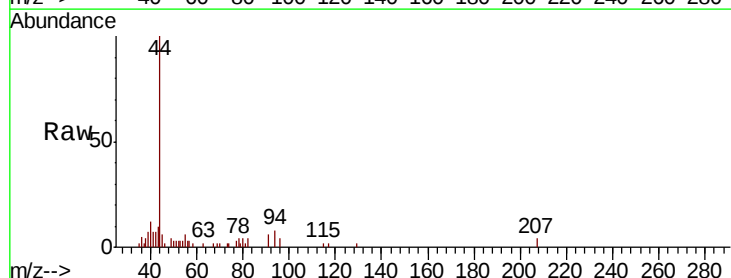
Acq: 22 Oct 2020 14:30

Tgt Ion: 94 Resp: 398

Ion Ratio Lower Upper

94 100

96 57.3 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

300

250

200

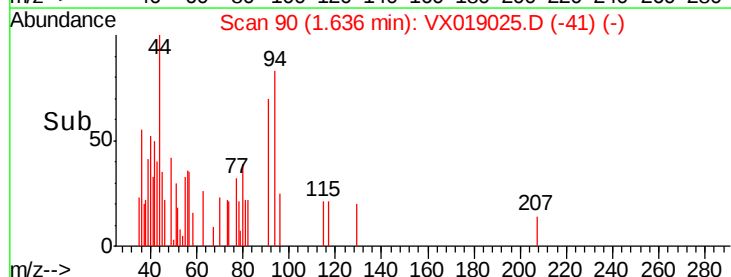
150

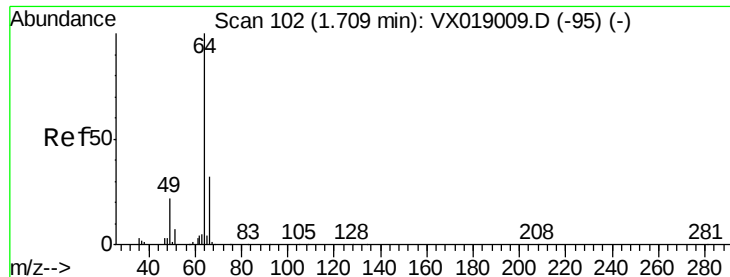
100

50

0

Time-->





#6

Chloroethane

Concen: 1.279 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019025.D

Acq: 22 Oct 2020 14:30

Instrument :

MSVOA_X

ClientSampled :

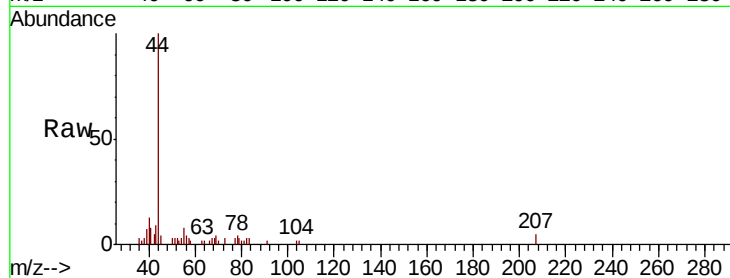
MW-8

Tot Ion: 64 Resp: 19

Ion Ratio Lower Upper

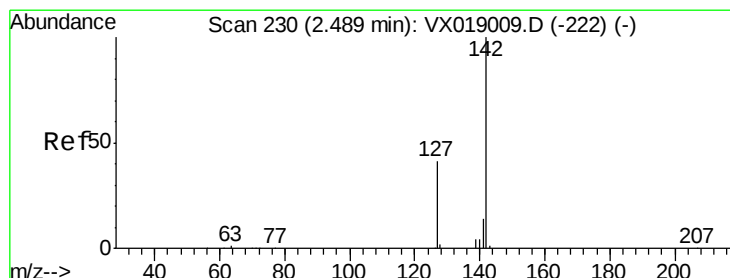
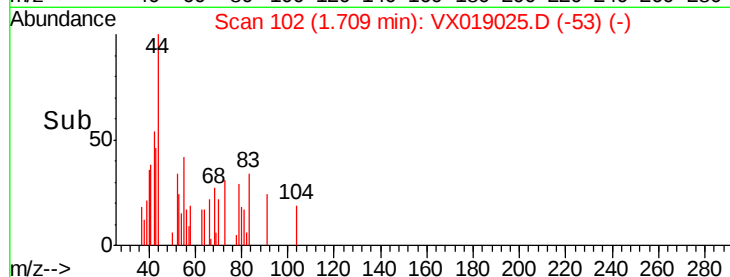
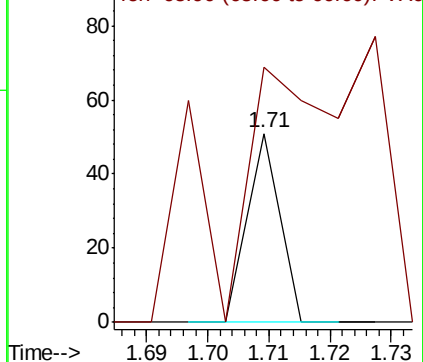
64 100

66 27.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 4.829 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX019025.D

Acq: 22 Oct 2020 14:30

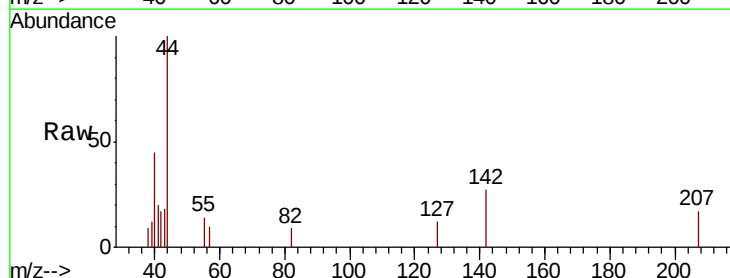
Tgt Ion: 142 Resp: 258

Ion Ratio Lower Upper

142 100

127 46.5 33.6 50.4

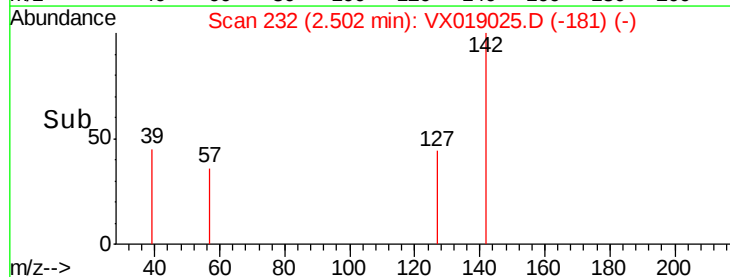
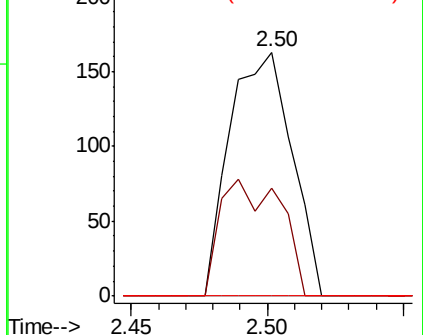
141 0.0 11.2 16.8#

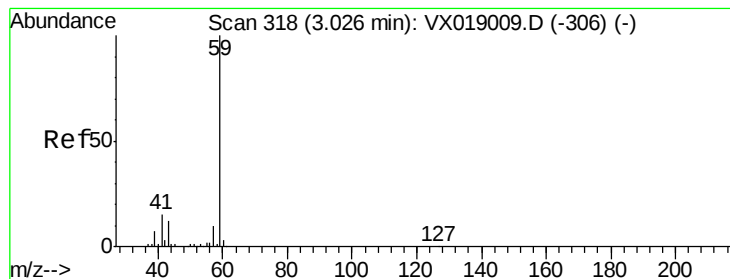


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



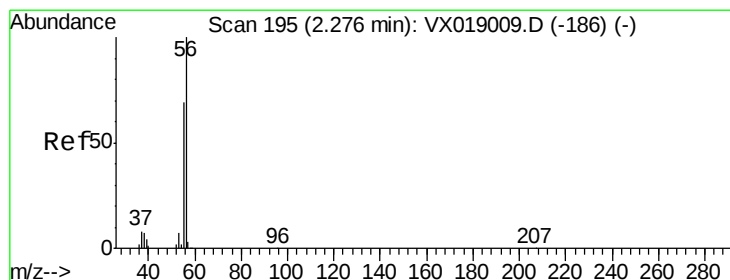
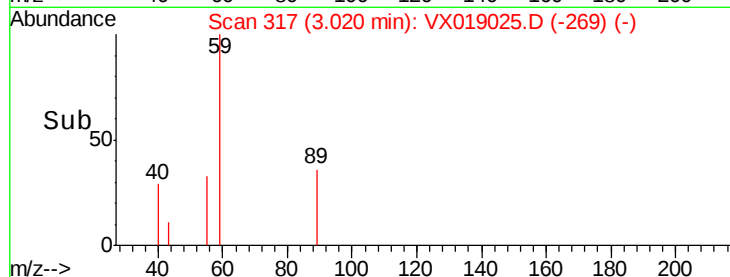
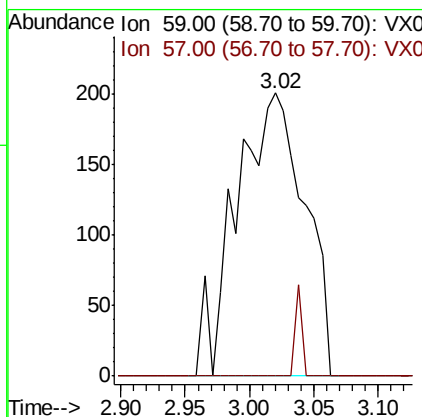
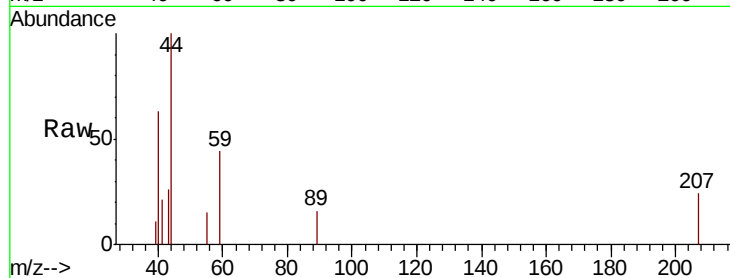


#11

Tert butyl alcohol
 Concen: 1.026 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.01 min
 Lab File: VX019025.D
 Acq: 22 Oct 2020 14:30

Instrument :
 MSVOA_X
 ClientSampled :
 MW-8

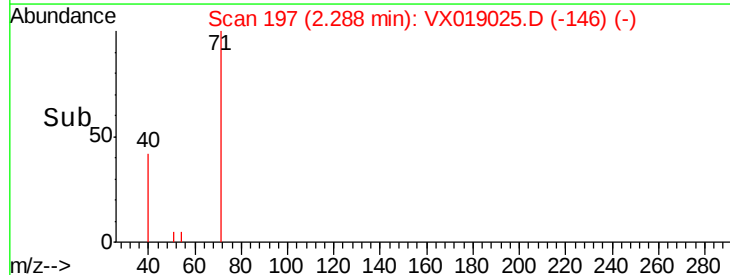
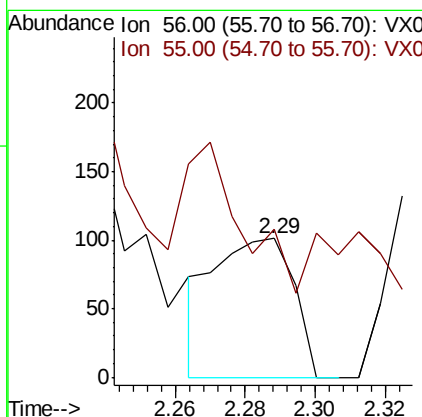
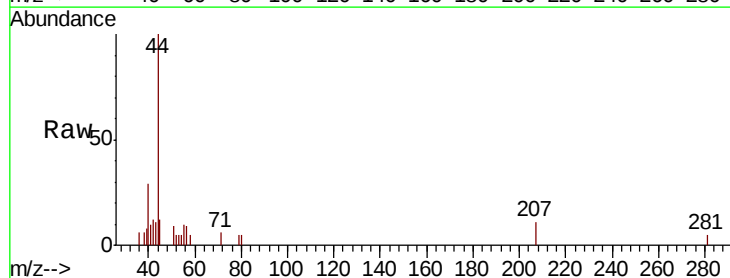
Tot Ion: 59 Resp: 740
 Ion Ratio Lower Upper
 59 100
 57 3.2 8.2 12.2#

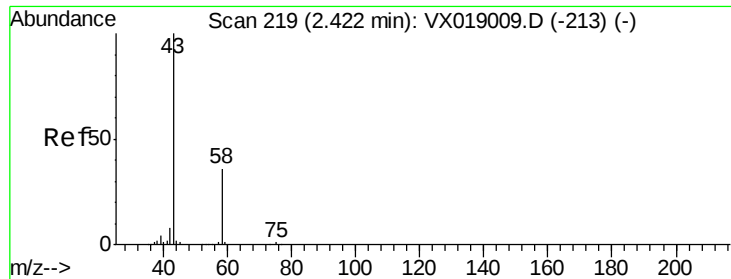


#13

Acrolein
 Concen: 14.174 ug/l
 RT: 2.29 min Scan# 197
 Delta R.T. 0.01 min
 Lab File: VX019025.D
 Acq: 22 Oct 2020 14:30

Tgt Ion: 56 Resp: 158
 Ion Ratio Lower Upper
 56 100
 55 77.8 54.2 81.4

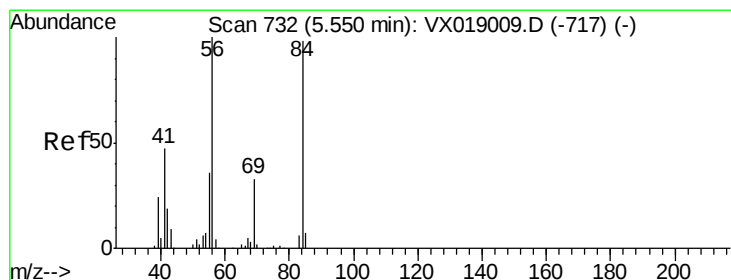
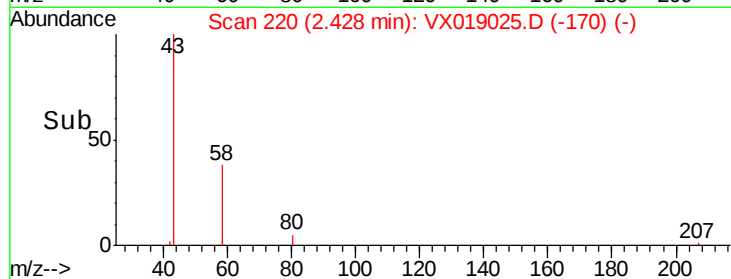
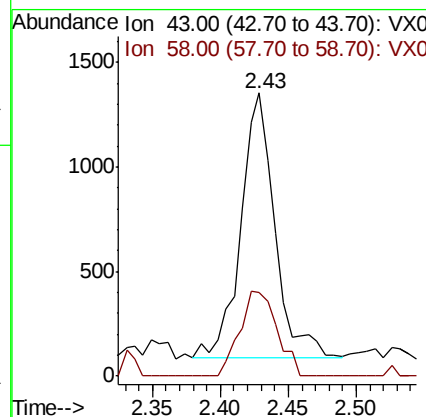
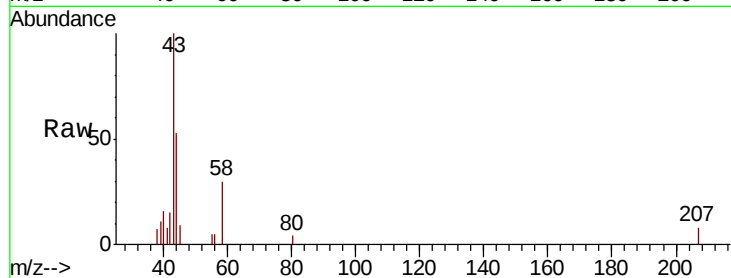




#16
Acetone
Concen: 1.813 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX019025.D
Acq: 22 Oct 2020 14:30

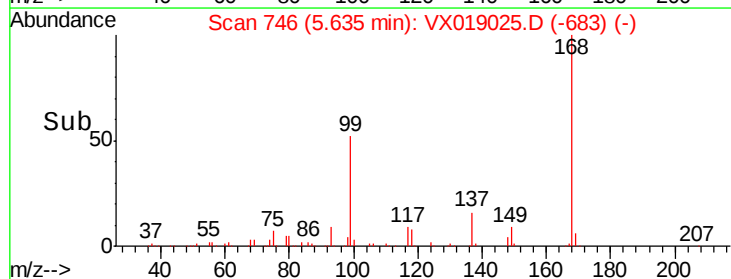
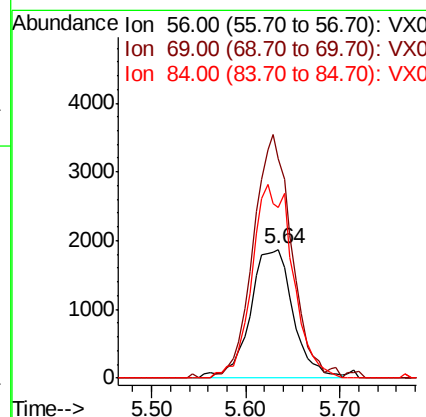
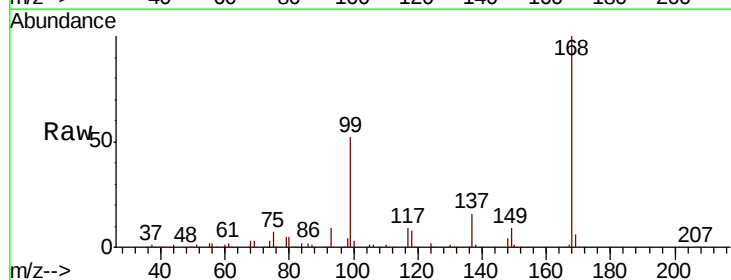
Instrument :
MSVOA_X
ClientSampleId :
MW-8

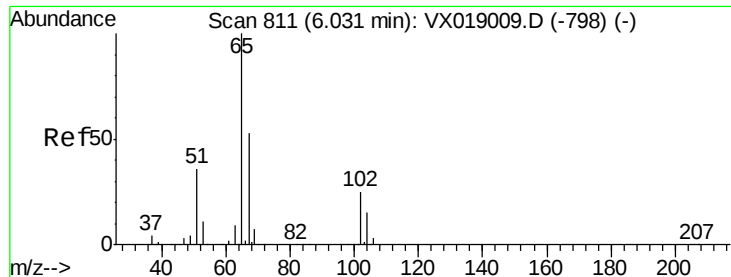
Tot Ion: 43 Resp: 2199
Ion Ratio Lower Upper
43 100
58 31.6 28.6 42.8



#31
Cyclohexane
Concen: 1.429 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX019025.D
Acq: 22 Oct 2020 14:30

Tgt Ion: 56 Resp: 5957
Ion Ratio Lower Upper
56 100
69 171.1 26.2 39.2#
84 133.4 78.3 117.5#

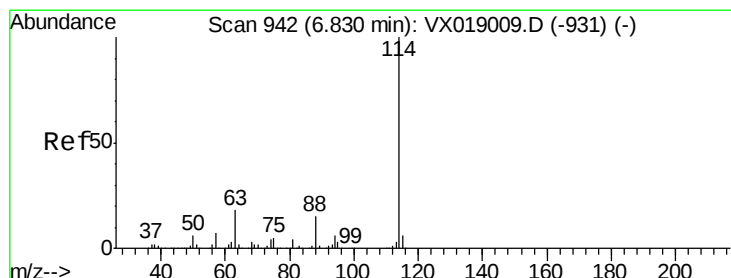
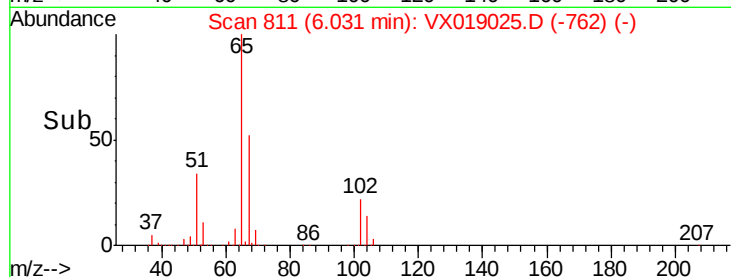
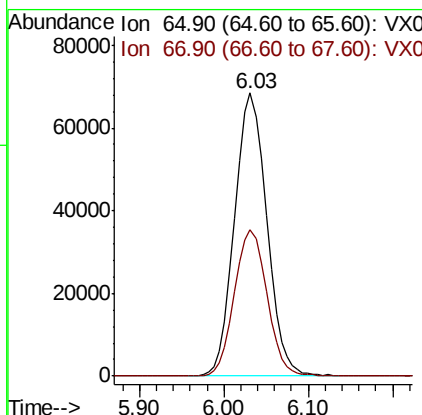
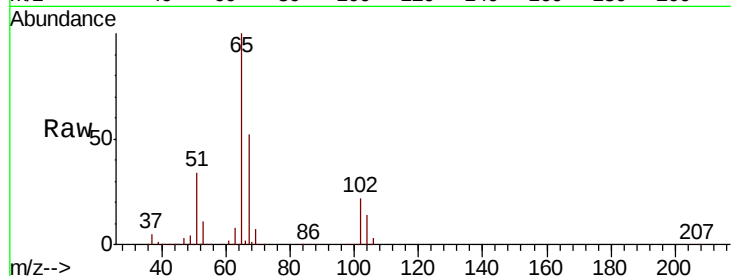




#33
 1,2-Dichloroethane-d4
 Concen: 49.922 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019025.D
 Acq: 22 Oct 2020 14:30

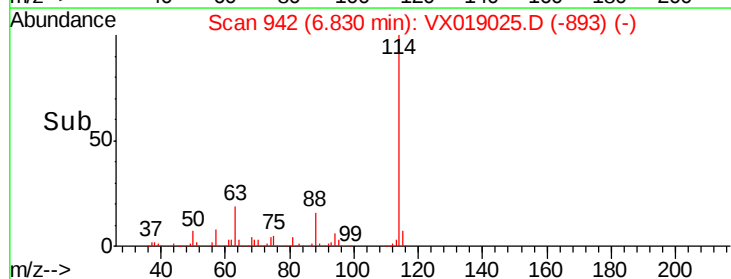
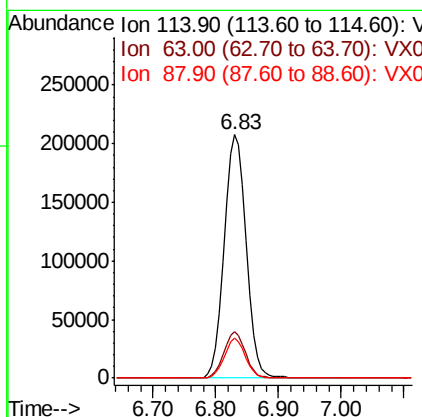
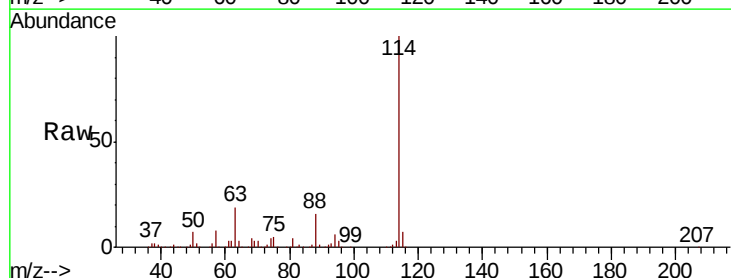
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

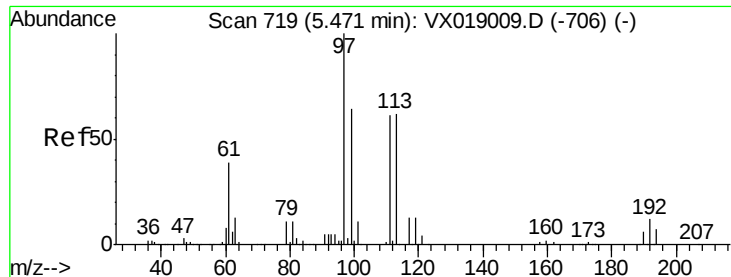
Tot Ion: 65 Resp: 177747
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019025.D
 Acq: 22 Oct 2020 14:30

Tgt Ion: 114 Resp: 504160
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 36.8
 88 16.5 0.0 30.2

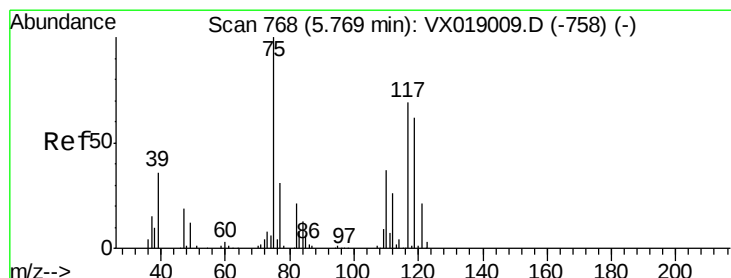
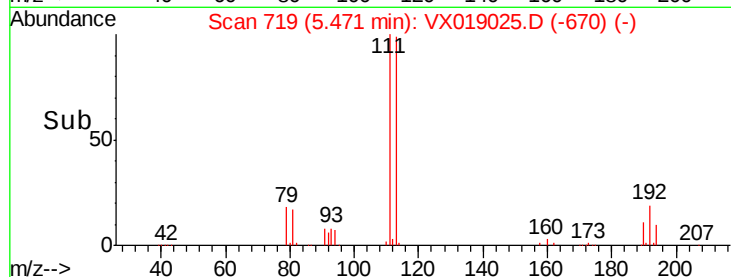
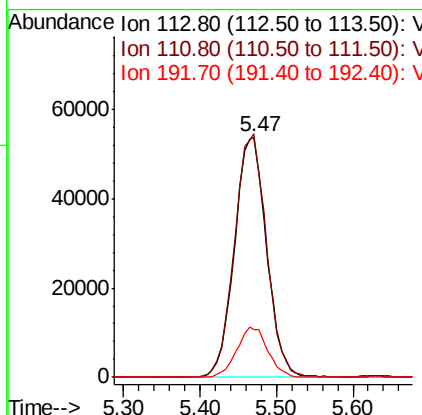
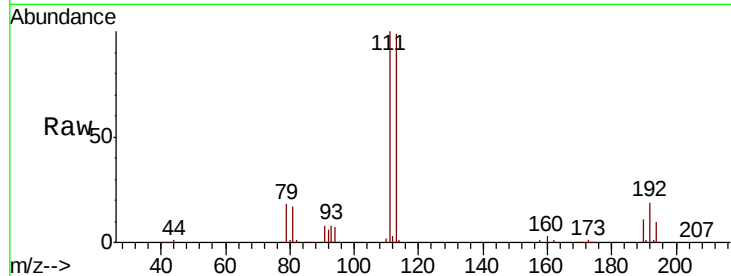




#35
 Dibromofluoromethane
 Concen: 48.910 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX019025.D
 Acq: 22 Oct 2020 14:30

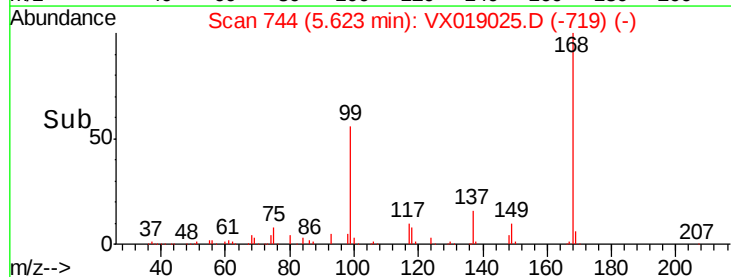
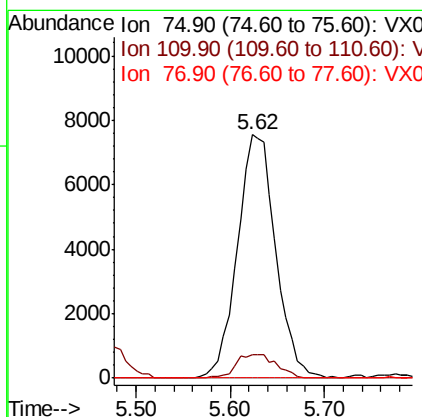
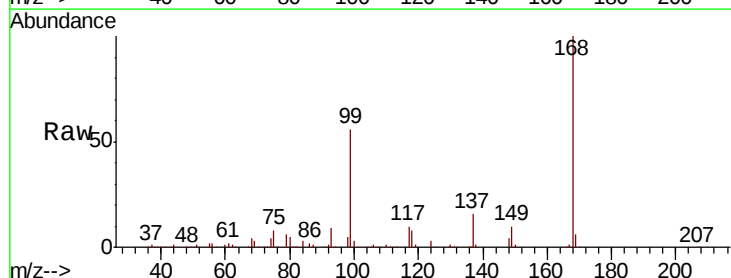
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

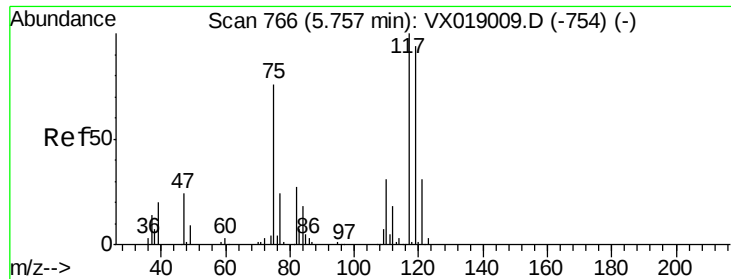
Tot Ion:113 Resp: 156122
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.5 122.3
 192 20.2 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 4.738 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX019025.D
 Acq: 22 Oct 2020 14:30

Tgt Ion: 75 Resp: 21435
 Ion Ratio Lower Upper
 75 100
 110 10.3 19.4 58.2#
 77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 6.020 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX019025.D

Acq: 22 Oct 2020 14:30

Instrument :

MSVOA_X

ClientSampled :

MW-8

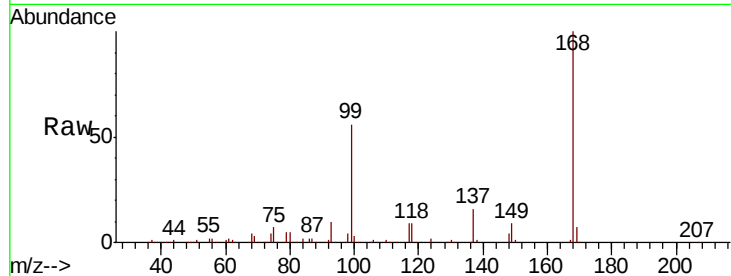
Tot Ion:117 Resp: 28584

Ion Ratio Lower Upper

117 100

119 4.8 75.4 113.0#

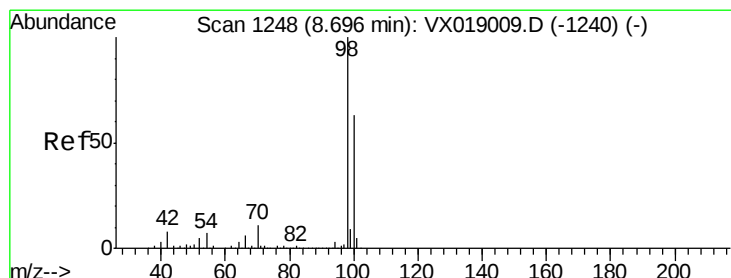
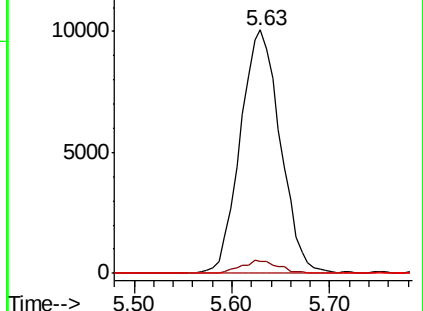
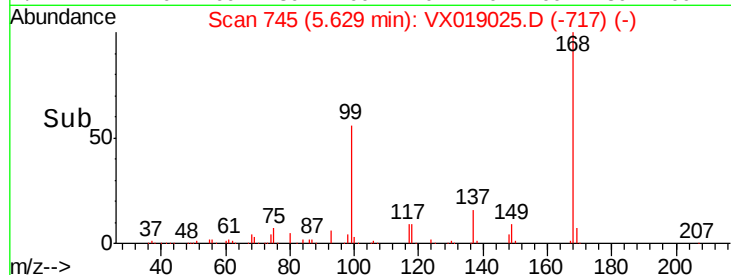
121 0.0 25.0 37.6#



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: 51.432 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019025.D

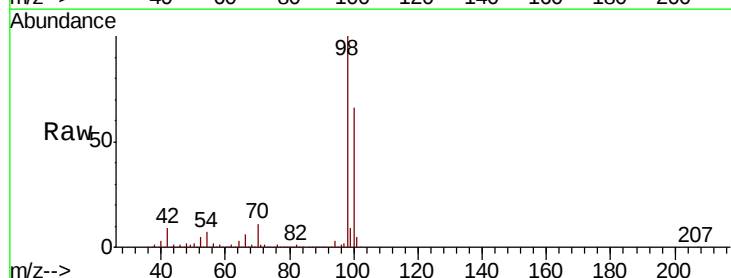
Acq: 22 Oct 2020 14:30

Tgt Ion: 98 Resp: 626480

Ion Ratio Lower Upper

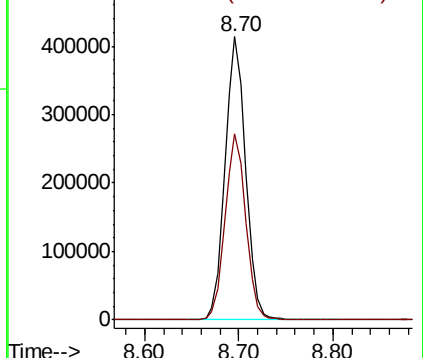
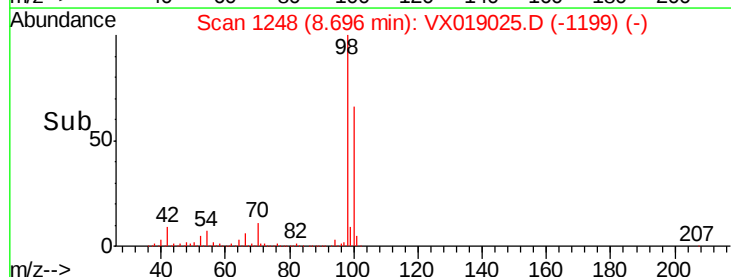
98 100

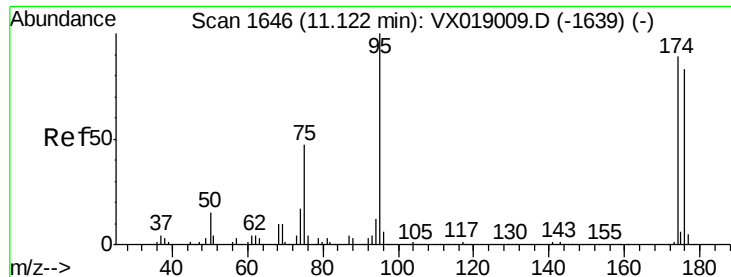
100 65.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.514 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019025.D

Acq: 22 Oct 2020 14:30

Instrument :

MSVOA_X

ClientSampled :

MW-8

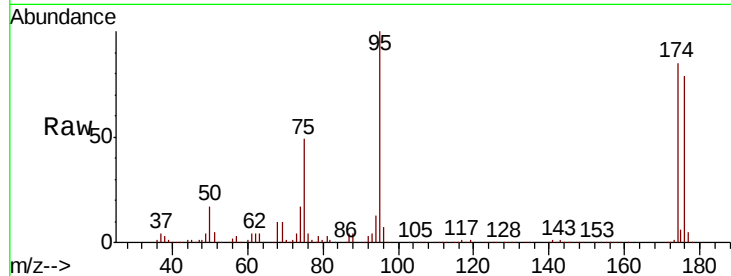
Tot Ion: 95 Resp: 231862

Ion Ratio Lower Upper

95 100

174 82.9 0.0 167.6

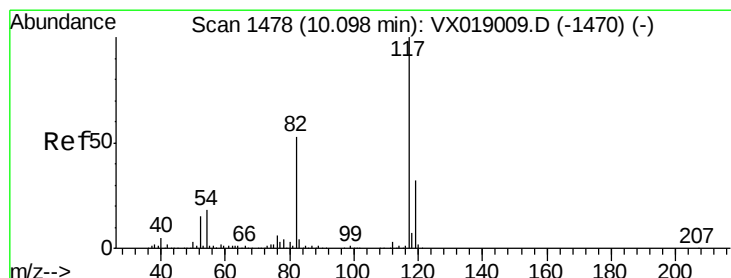
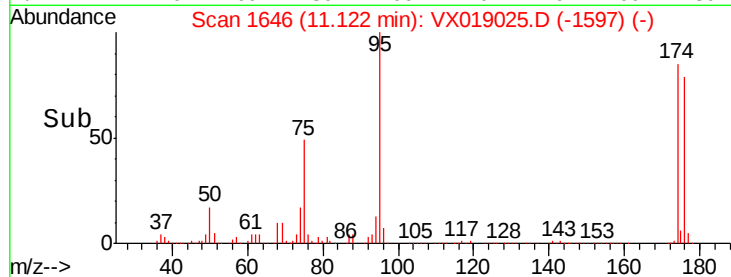
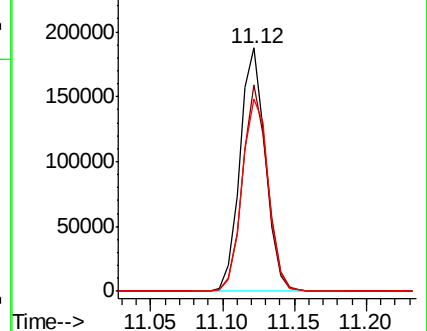
176 81.5 0.0 165.2



Abundance Ion 94.90 (94.60 to 95.60): VX019009.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX019009.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX019009.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX019025.D

Acq: 22 Oct 2020 14:30

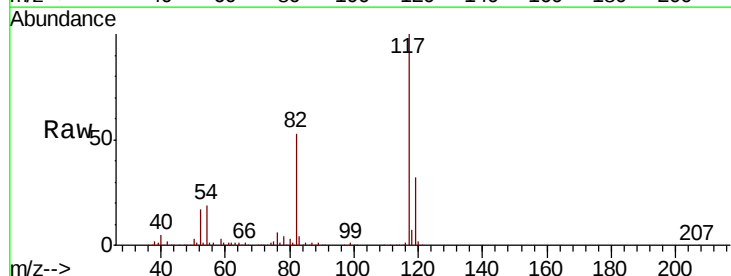
Tgt Ion: 117 Resp: 498101

Ion Ratio Lower Upper

117 100

82 53.0 42.4 63.6

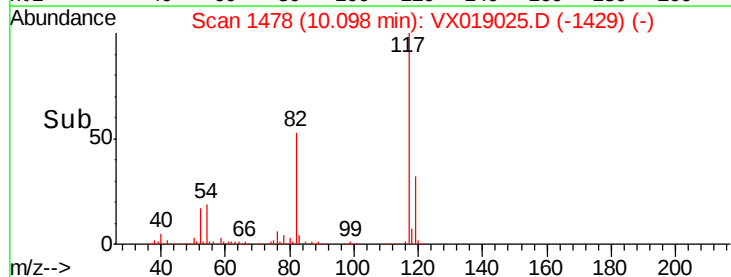
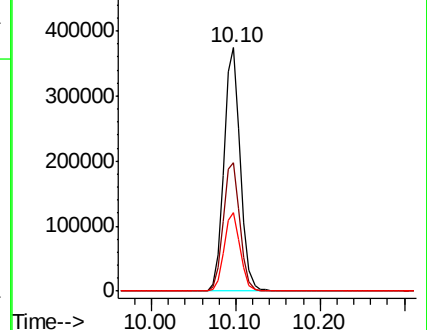
119 32.4 25.6 38.4

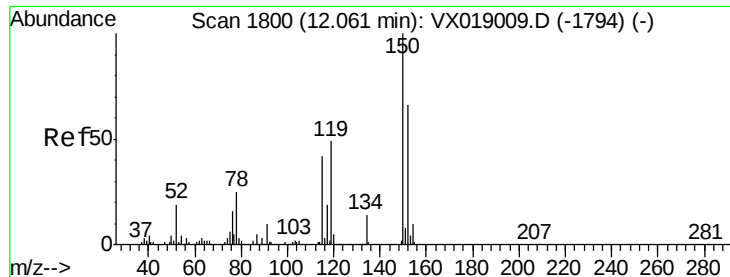


Abundance Ion 116.90 (116.60 to 117.60): VX019009.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019009.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019009.D (-1470) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019025.D

Acq: 22 Oct 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-8

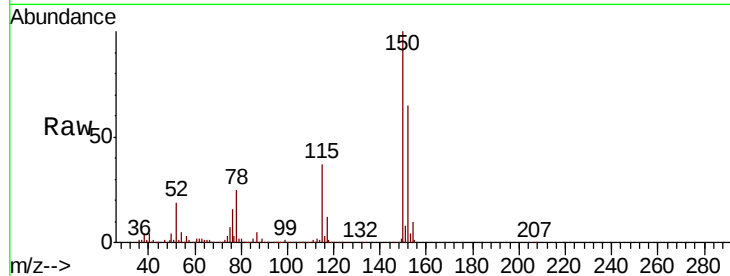
Tot Ion:152 Resp: 243814

Ion Ratio Lower Upper

152 100

115 58.2 40.8 122.5

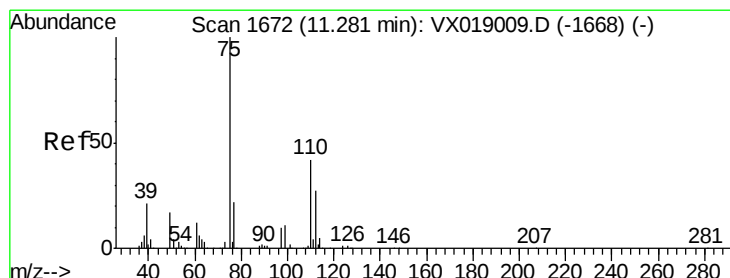
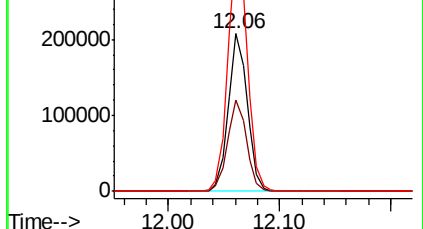
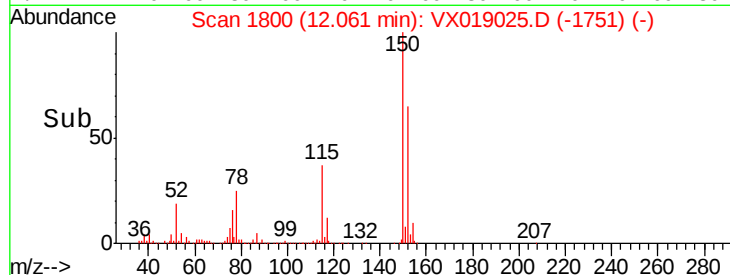
150 156.5 0.0 345.6



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: 23.965 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019025.D

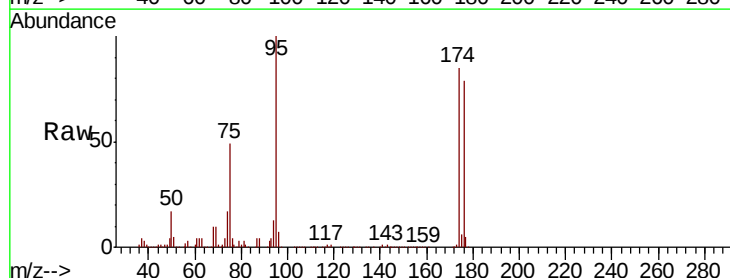
Acq: 22 Oct 2020 14:30

Tgt Ion: 75 Resp: 116785

Ion Ratio Lower Upper

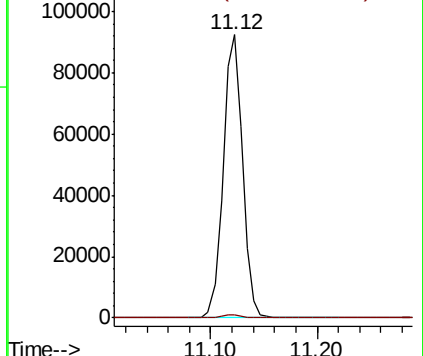
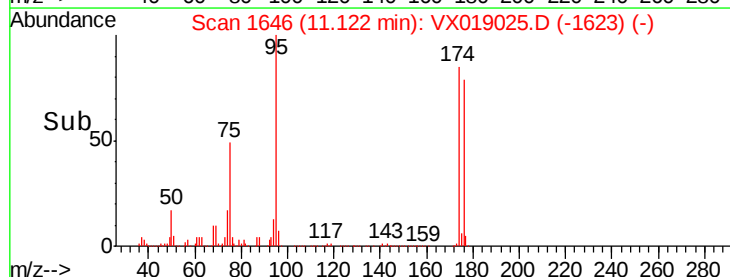
75 100

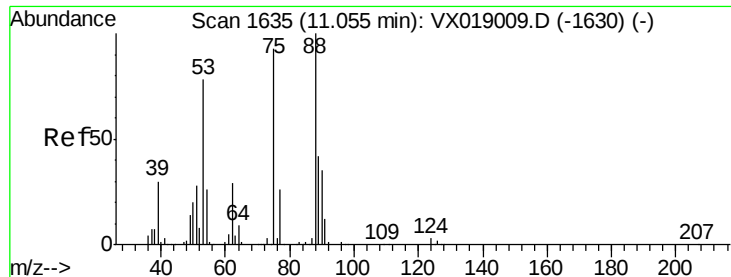
77 1.2 20.7 62.1#



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: 61.057 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019025.D

Acq: 22 Oct 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-8

Tot Ion: 75 Resp: 116785

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 37.2 55.8#

