

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019292.D
 Acq On : 05 Nov 2020 00:10
 Operator : JC/MD
 Sample : L4607-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

Quant Time: Nov 05 02:30:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	282744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	501250	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	471365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	239806	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	201297	55.21	ug/l	0.00
Spiked Amount			Recovery	=	110.42%	
35) Dibromofluoromethane	5.46	113	160247	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
50) Toluene-d8	8.70	98	627080	52.83	ug/l	0.00
Spiked Amount			Recovery	=	105.66%	
62) 4-Bromofluorobenzene	11.12	95	235674	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	

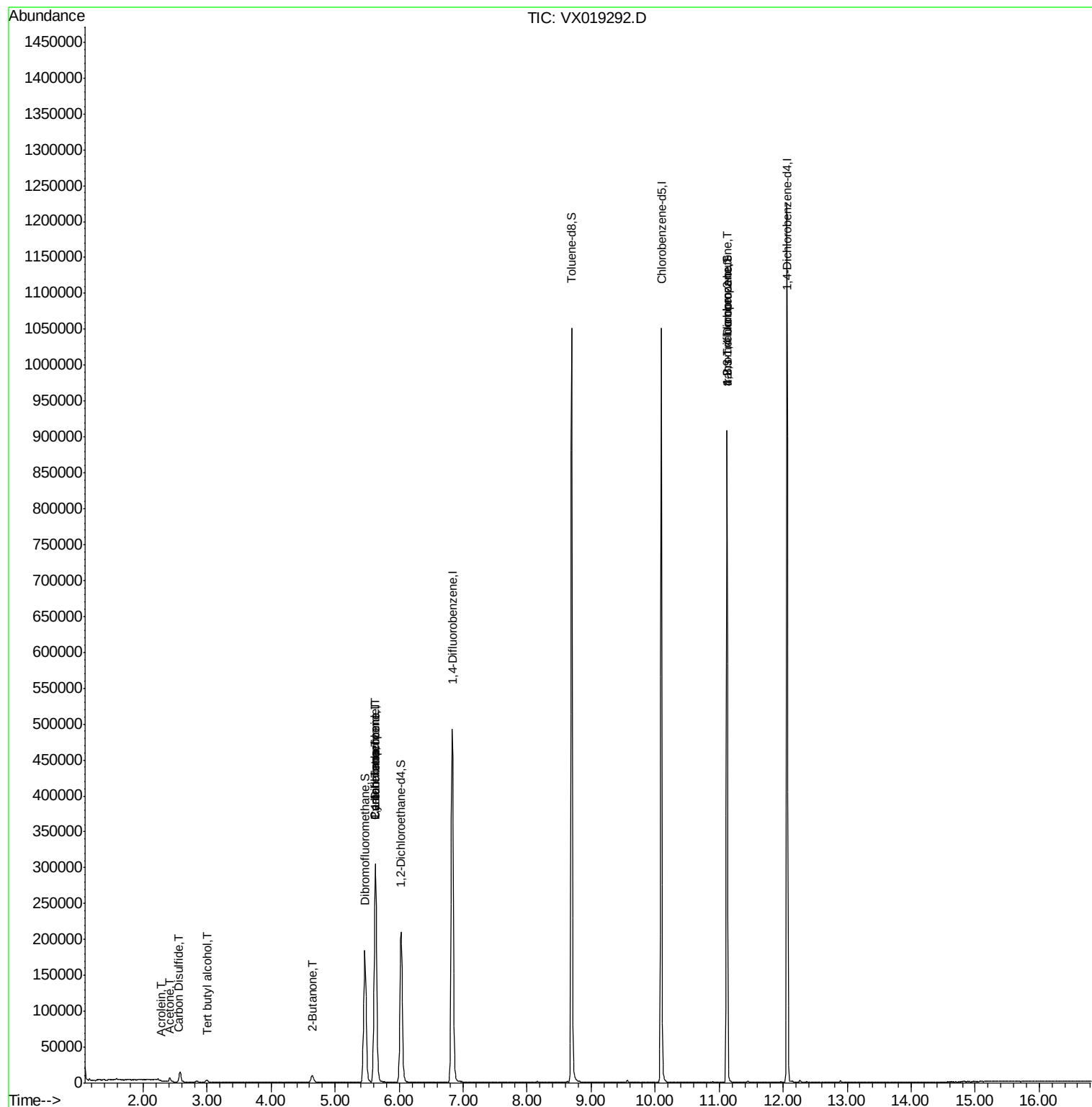
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.99	59	2058	2.858	ug/l #	72
13) Acrolein	2.28	56	66	5.848	ug/l #	16
16) Acetone	2.42	43	5526	4.393	ug/l	95
17) Carbon Disulfide	2.56	76	701	0.848	ug/l #	75
25) 2-Butanone	4.64	43	2049	1.034	ug/l #	82
31) Cyclohexane	5.63	56	6263	1.359	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	23052	4.980	ug/l #	49
38) Carbon Tetrachloride	5.63	117	29839	6.324	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	121413	24.521	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	121413	64.562	ug/l #	12

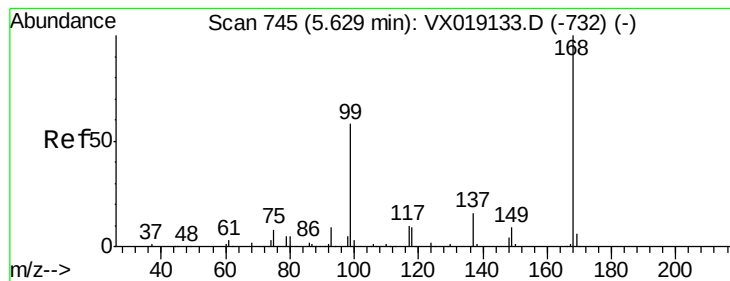
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110620\
Data File : VX019292.D
Acq On : 05 Nov 2020 00:10
Operator : JC/MD
Sample : L4607-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Quant Time: Nov 05 02:30:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 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: VX019292.D

Acq: 05 Nov 2020 00:10

Instrument :

MSVOA_X

ClientSampled :

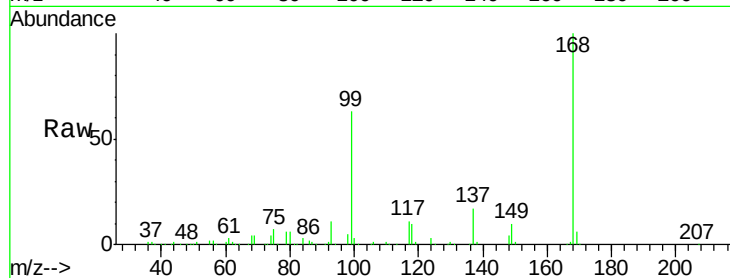
MW-01

Tot Ion:168 Resp: 282744

Ion Ratio Lower Upper

168 100

99 63.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

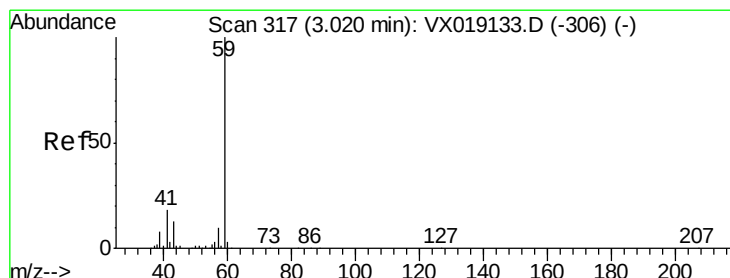
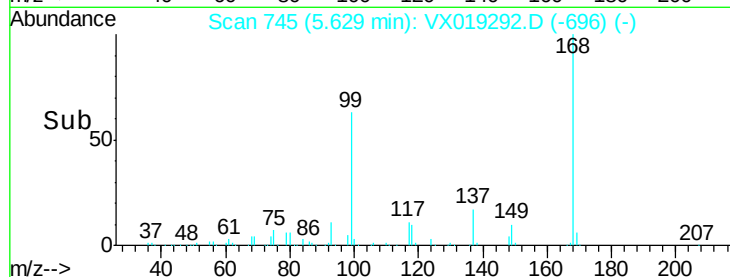
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 2.858 ug/l

RT: 2.99 min Scan# 312

Delta R.T. -0.03 min

Lab File: VX019292.D

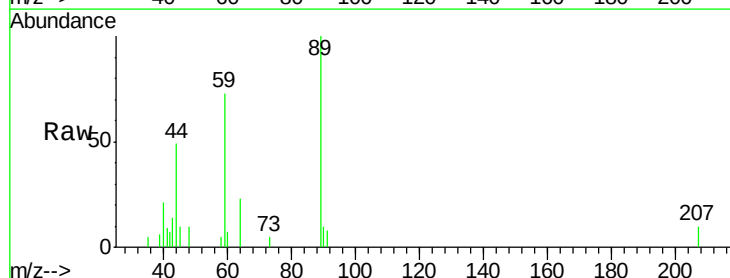
Acq: 05 Nov 2020 00:10

Tgt Ion: 59 Resp: 2058

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

2.99

1000

800

600

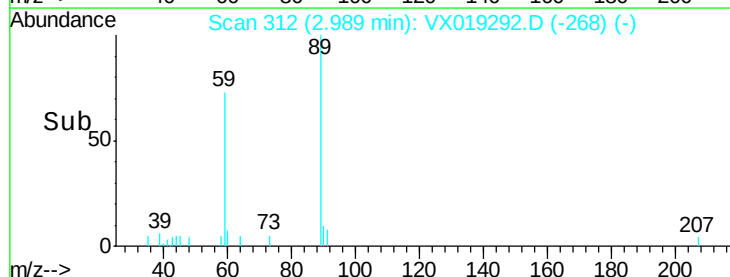
400

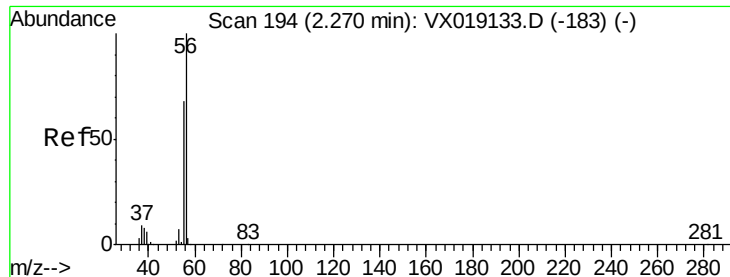
200

0

Time-->

2.90 2.95 3.00 3.05 3.10





#13

Acrolein

Concen: 5.848 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019292.D

Acq: 05 Nov 2020 00:10

Instrument :

MSVOA_X

ClientSampled :

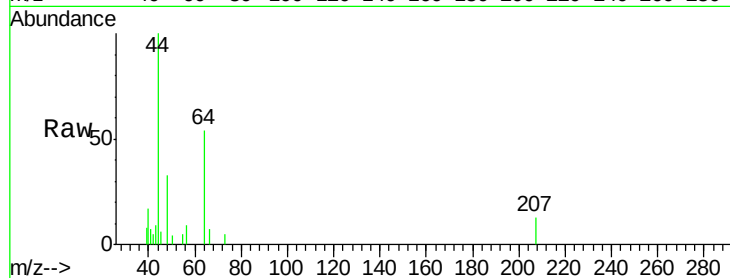
MW-01

Tot Ion: 56 Resp: 66

Ion Ratio Lower Upper

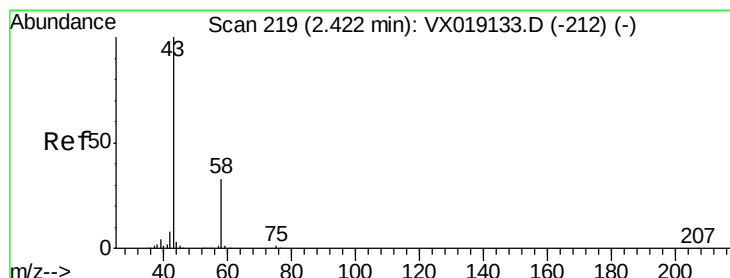
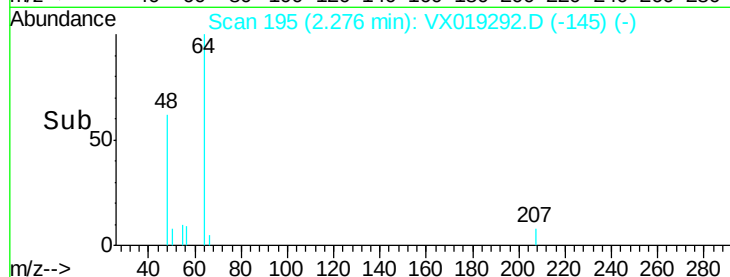
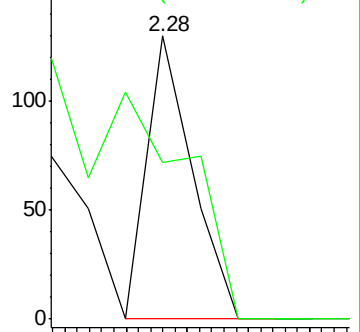
56 100

55 0.0 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 4.393 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019292.D

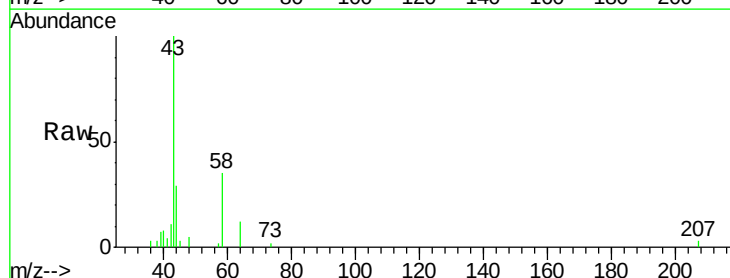
Acq: 05 Nov 2020 00:10

Tgt Ion: 43 Resp: 5526

Ion Ratio Lower Upper

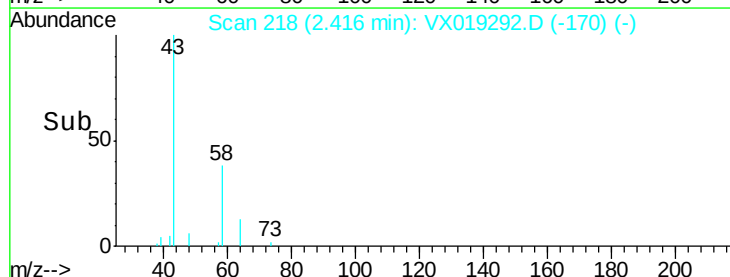
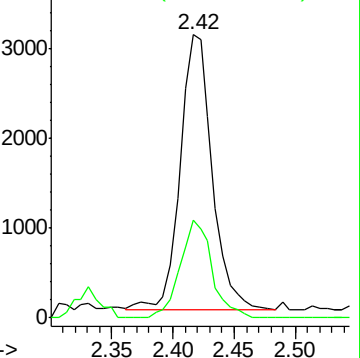
43 100

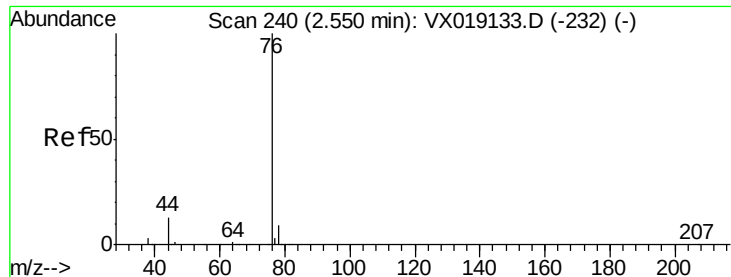
58 35.8 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.848 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX019292.D

Acq: 05 Nov 2020 00:10

Instrument :

MSVOA_X

ClientSampled :

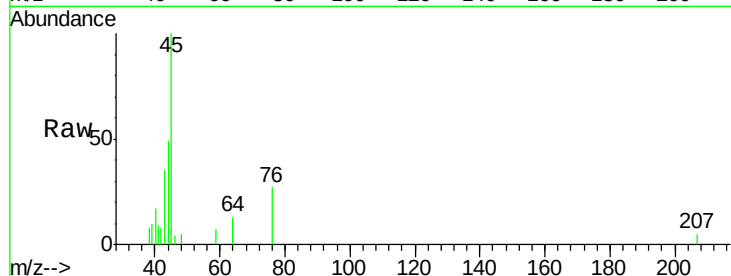
MW-01

Tot Ion: 76 Resp: 701

Ion Ratio Lower Upper

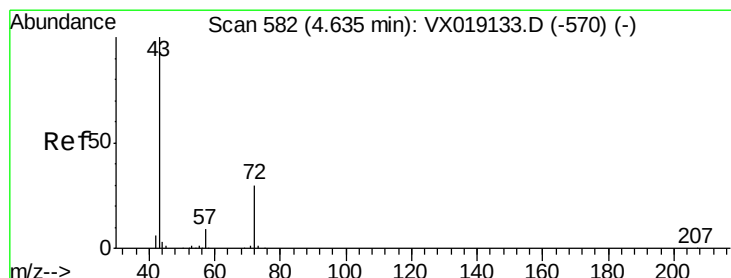
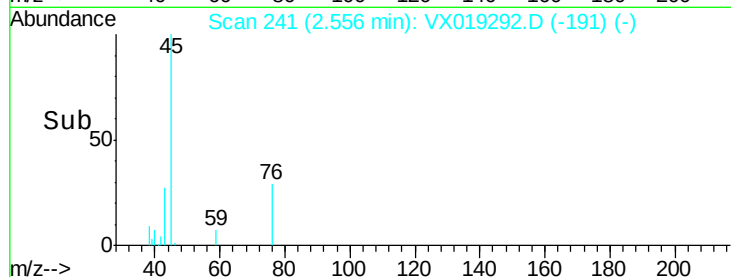
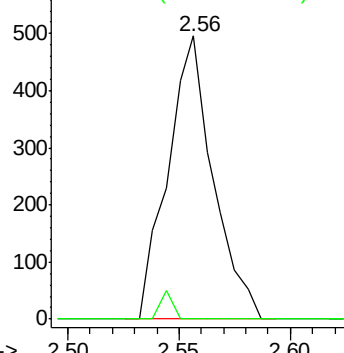
76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#25

2-Butanone

Concen: 1.034 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX019292.D

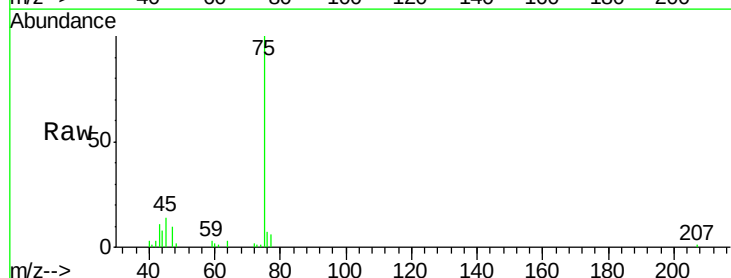
Acq: 05 Nov 2020 00:10

Tgt Ion: 43 Resp: 2049

Ion Ratio Lower Upper

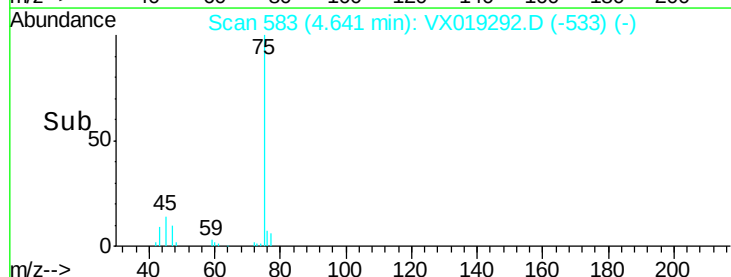
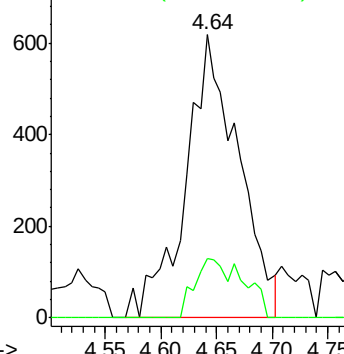
43 100

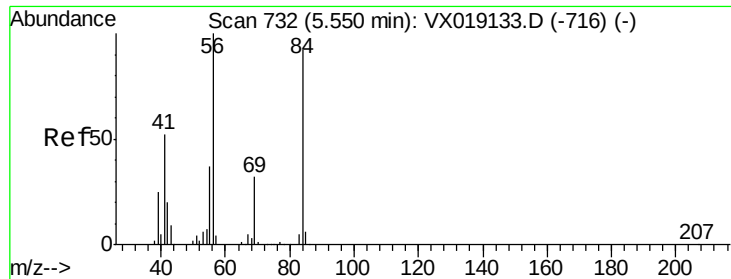
72 20.7 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

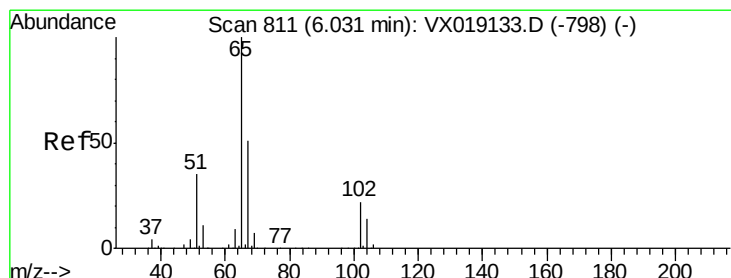
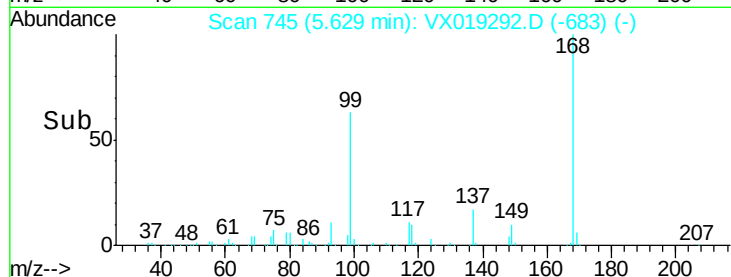
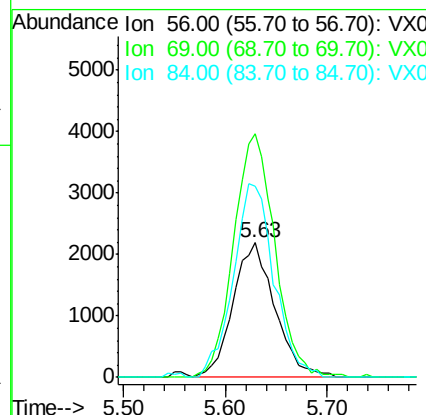
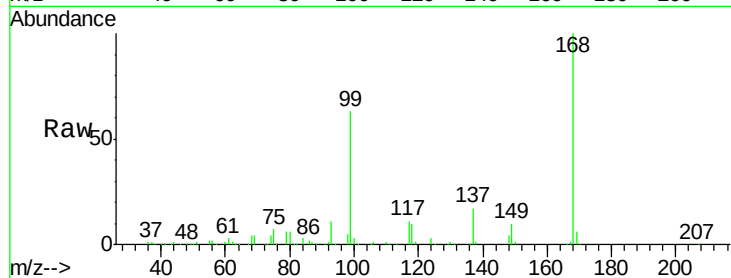




#31
Cyclohexane
Concen: 1.359 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX019292.D
Acq: 05 Nov 2020 00:10

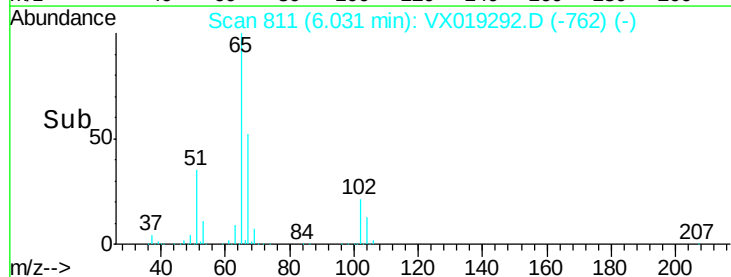
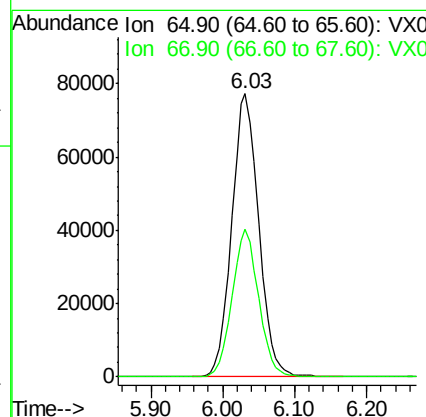
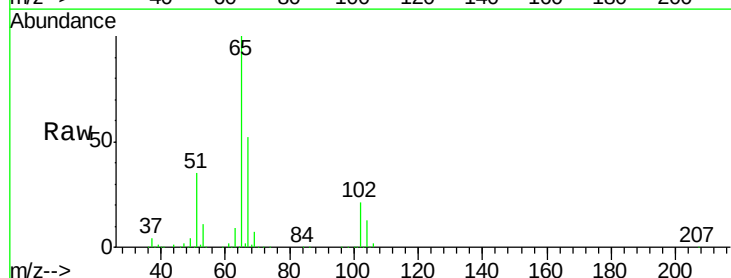
Instrument :
MSVOA_X
ClientSampled :
MW-01

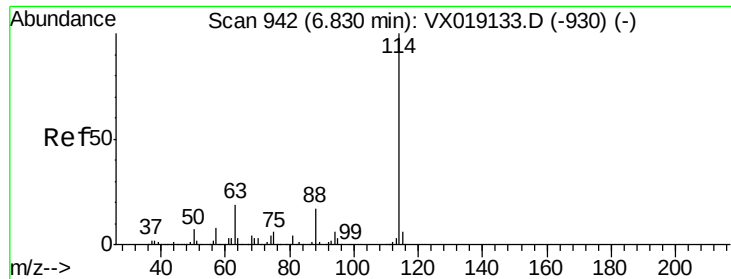
Tot Ion: 56 Resp: 6263
Ion Ratio Lower Upper
56 100
69 181.0 25.9 38.9#
84 142.4 73.4 110.2#



#33
1,2-Dichloroethane-d4
Concen: 55.205 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX019292.D
Acq: 05 Nov 2020 00:10

Tgt Ion: 65 Resp: 201297
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019292.D

Acq: 05 Nov 2020 00:10

Instrument :

MSVOA_X

ClientSampled :

MW-01

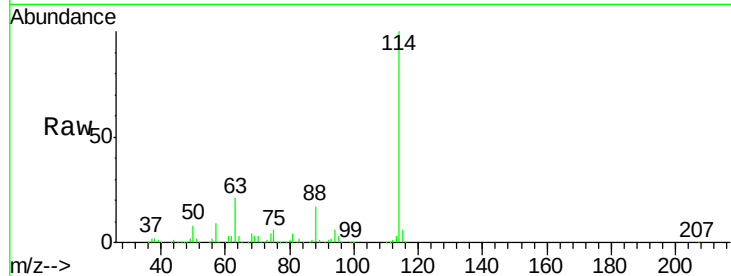
Tot Ion:114 Resp: 501250

Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.8

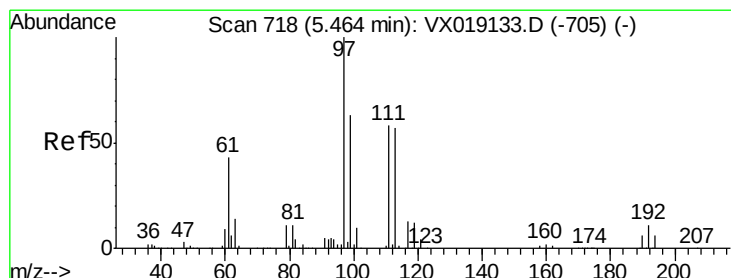
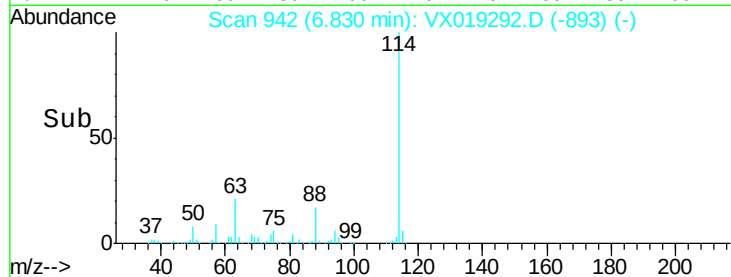
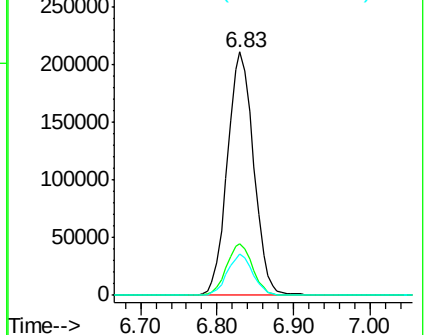
88 16.8 0.0 34.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.896 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019292.D

Acq: 05 Nov 2020 00:10

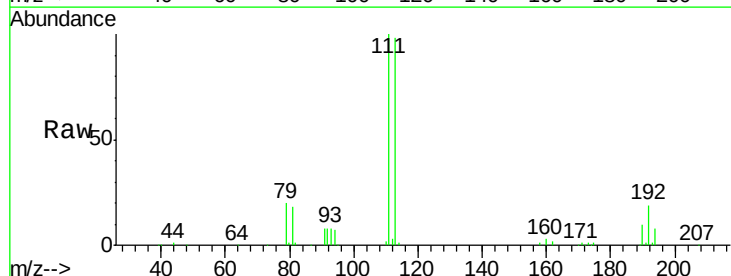
Tgt Ion:113 Resp: 160247

Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

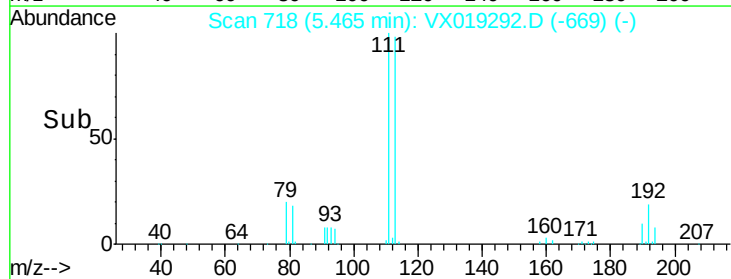
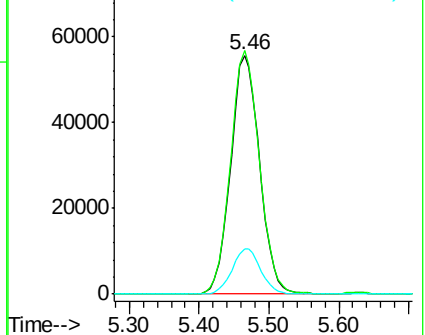
192 18.9 16.2 24.2

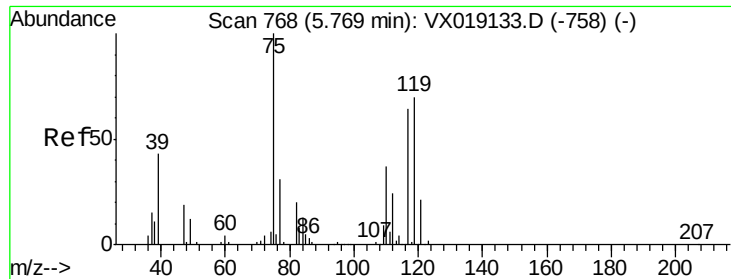


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

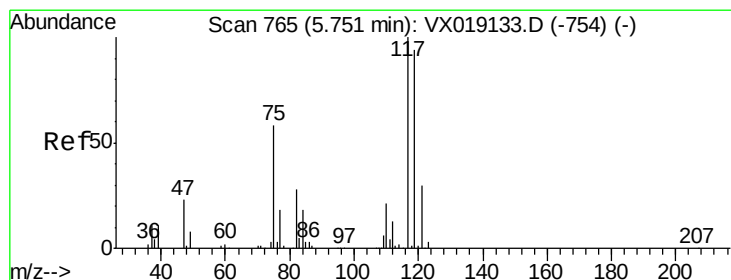
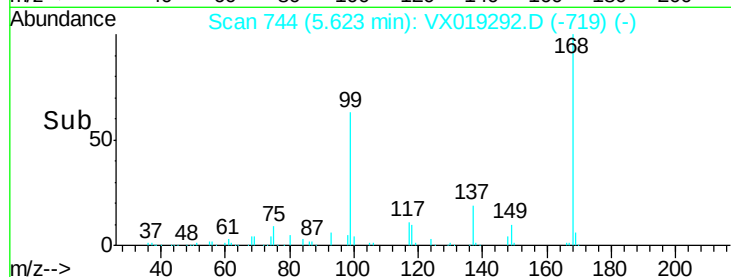
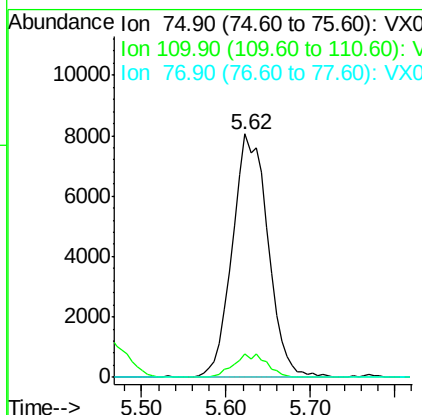
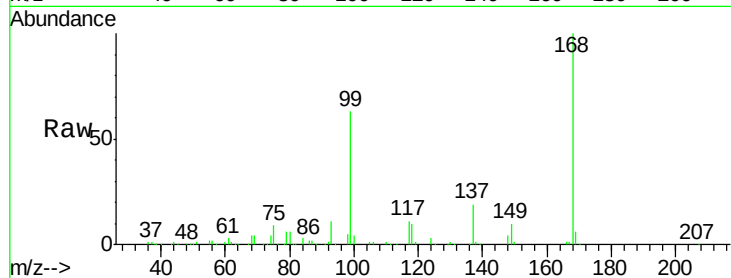




#36
 1,1-Dichloropropene
 Concen: 4.980 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX019292.D
 Acq: 05 Nov 2020 00:10

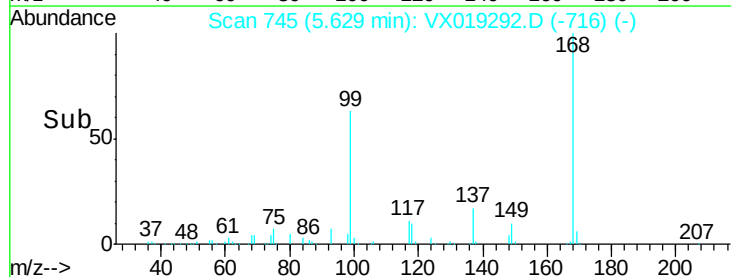
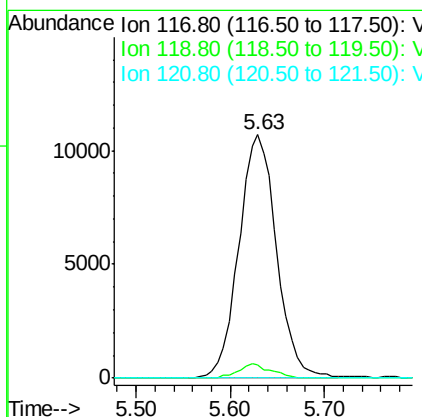
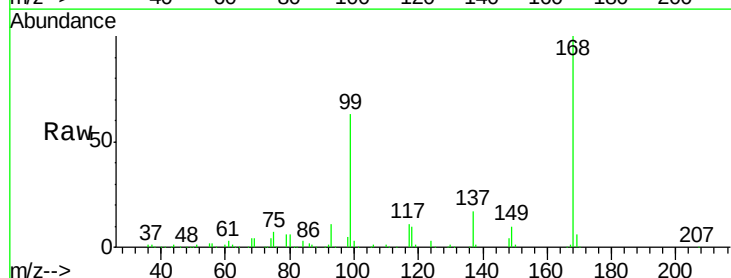
Instrument :
 MSVOA_X
 ClientSampled :
 MW-01

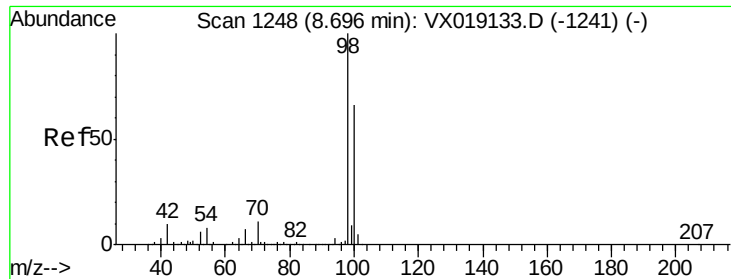
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.3	54.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.324 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.12 min
 Lab File: VX019292.D
 Acq: 05 Nov 2020 00:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.0	112.6#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 52.834 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019292.D

Acq: 05 Nov 2020 00:10

Instrument :

MSVOA_X

ClientSampleId :

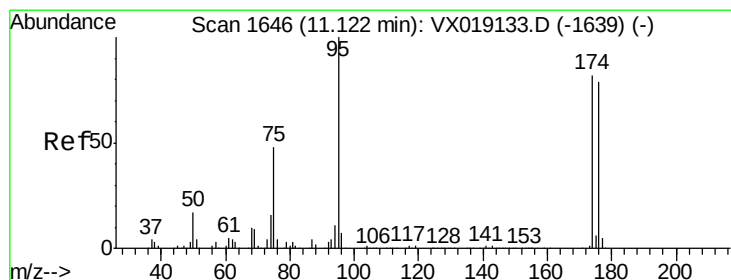
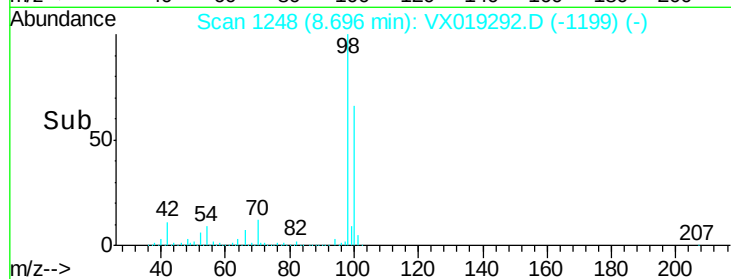
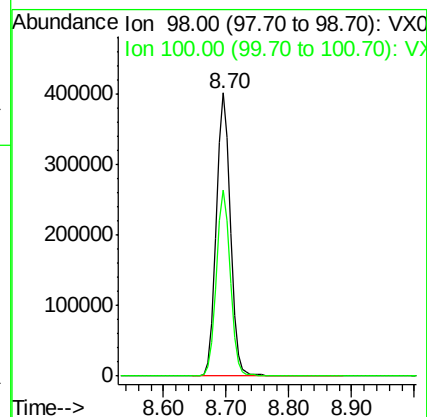
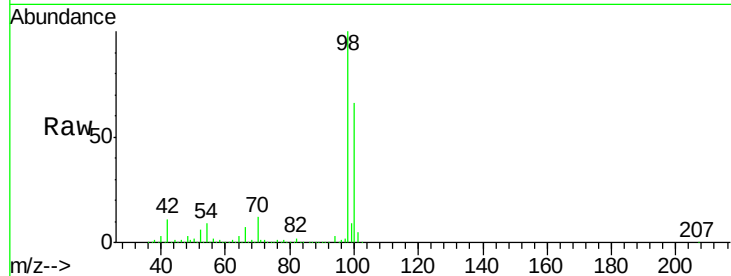
MW-01

Tot Ion: 98 Resp: 627080

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 52.432 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019292.D

Acq: 05 Nov 2020 00:10

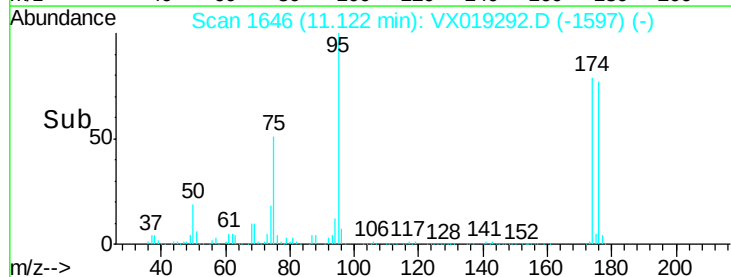
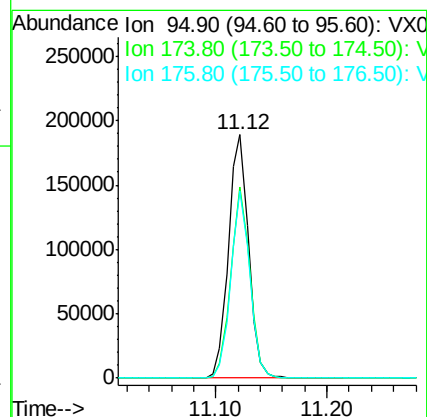
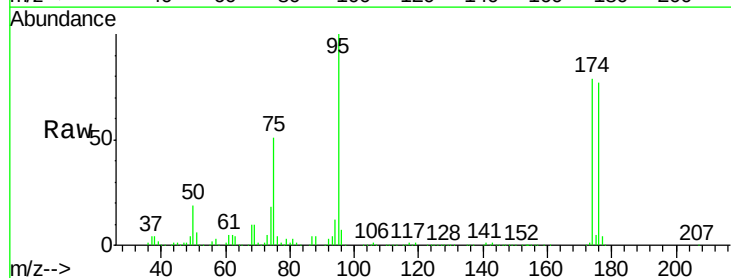
Tgt Ion: 95 Resp: 235674

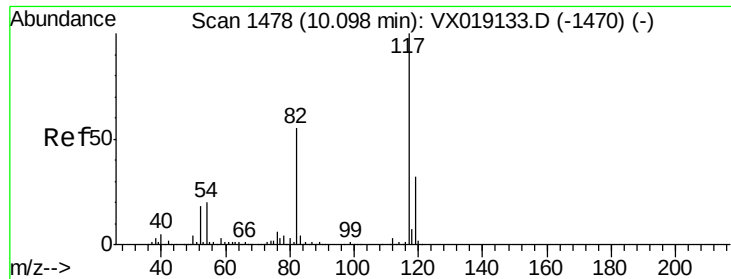
Ion Ratio Lower Upper

95 100

174 75.0 0.0 156.0

176 73.0 0.0 149.8

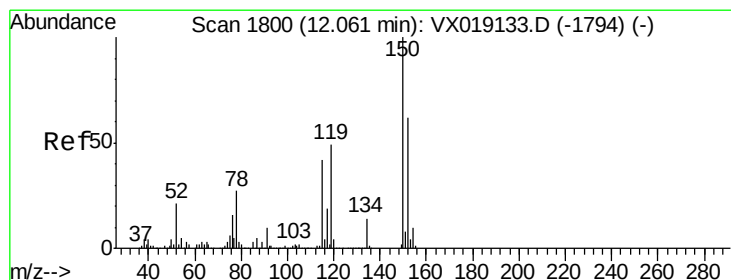
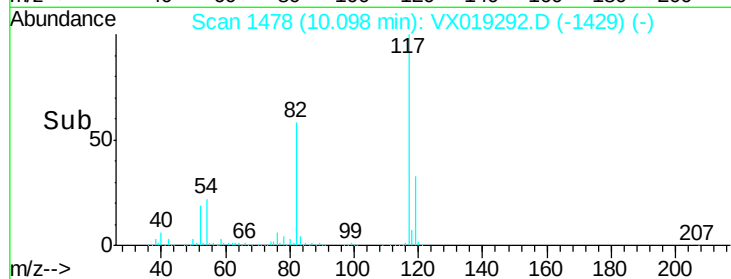
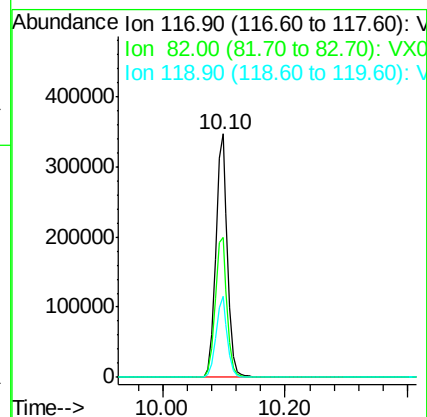
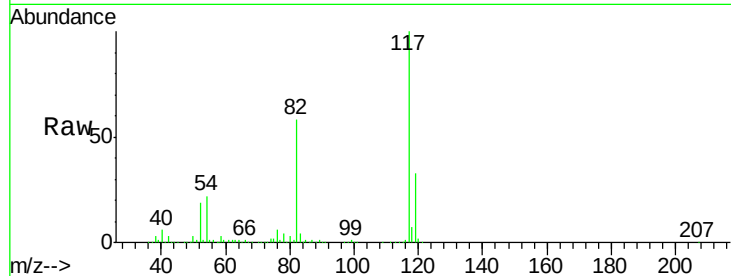




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019292.D
Acq: 05 Nov 2020 00:10

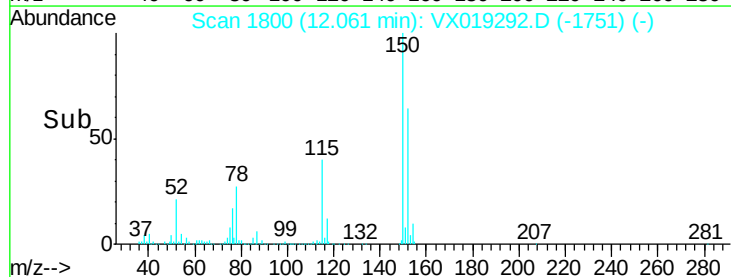
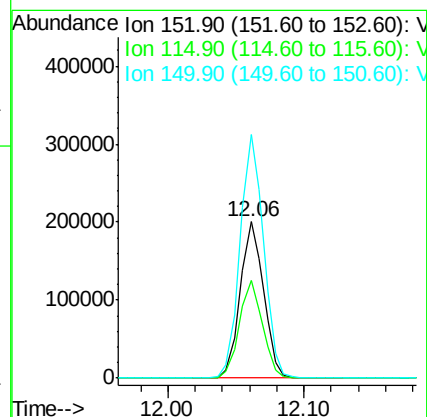
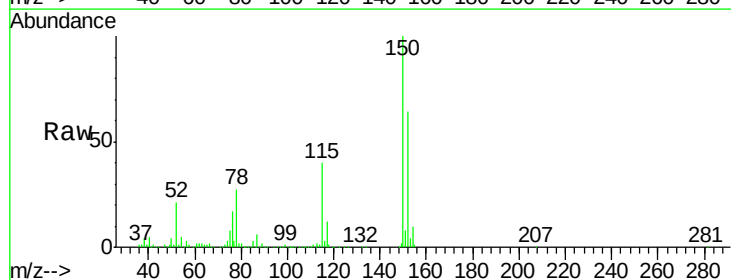
Instrument :
MSVOA_X
ClientSampleId :
MW-01

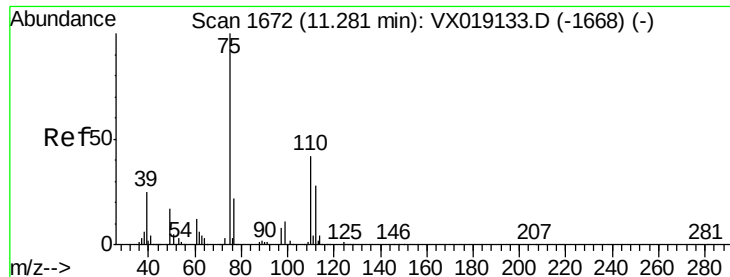
Tot Ion:117 Resp: 471365
Ion Ratio Lower Upper
117 100
82 57.5 43.6 65.4
119 33.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019292.D
Acq: 05 Nov 2020 00:10

Tgt Ion:152 Resp: 239806
Ion Ratio Lower Upper
152 100
115 61.6 41.9 125.7
150 156.2 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 24.521 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019292.D

Acq: 05 Nov 2020 00:10

Instrument :

MSVOA_X

ClientSampled :

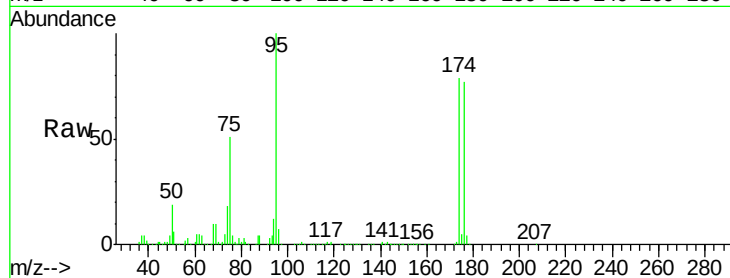
MW-01

Tot Ion: 75 Resp: 121413

Ion Ratio Lower Upper

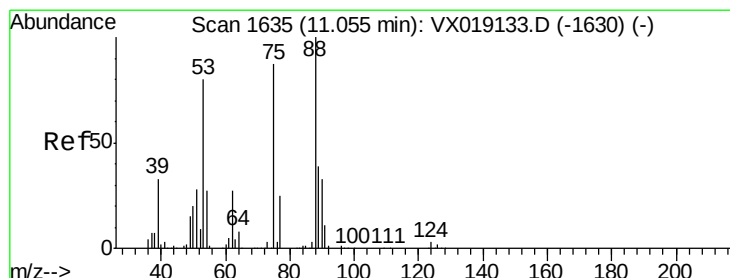
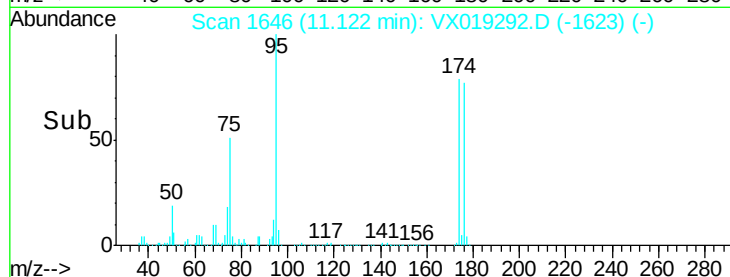
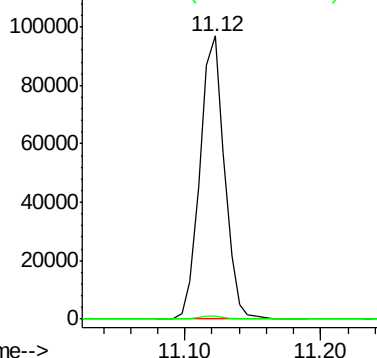
75 100

77 1.1 20.3 60.9#



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: 64.562 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019292.D

Acq: 05 Nov 2020 00:10

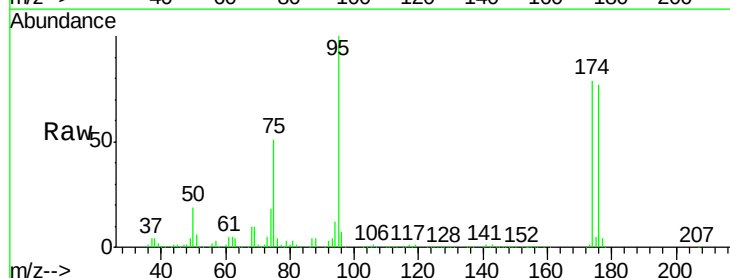
Tgt Ion: 75 Resp: 121413

Ion Ratio Lower Upper

75 100

53 0.1 73.3 109.9#

89 0.0 38.2 57.2#



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

