

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091720\
 Data File : VX018476.D
 Acq On : 17 Sep 2020 19:03
 Operator : JC/SP
 Sample : L4058-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Quant Time: Sep 18 06:34:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	478740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	770538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	735528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	359418	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	335107	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
35) Dibromofluoromethane	5.47	113	263123	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
50) Toluene-d8	8.70	98	926132	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.12	95	354709	46.07	ug/l	0.00
Spiked Amount			Recovery	=	92.14%	

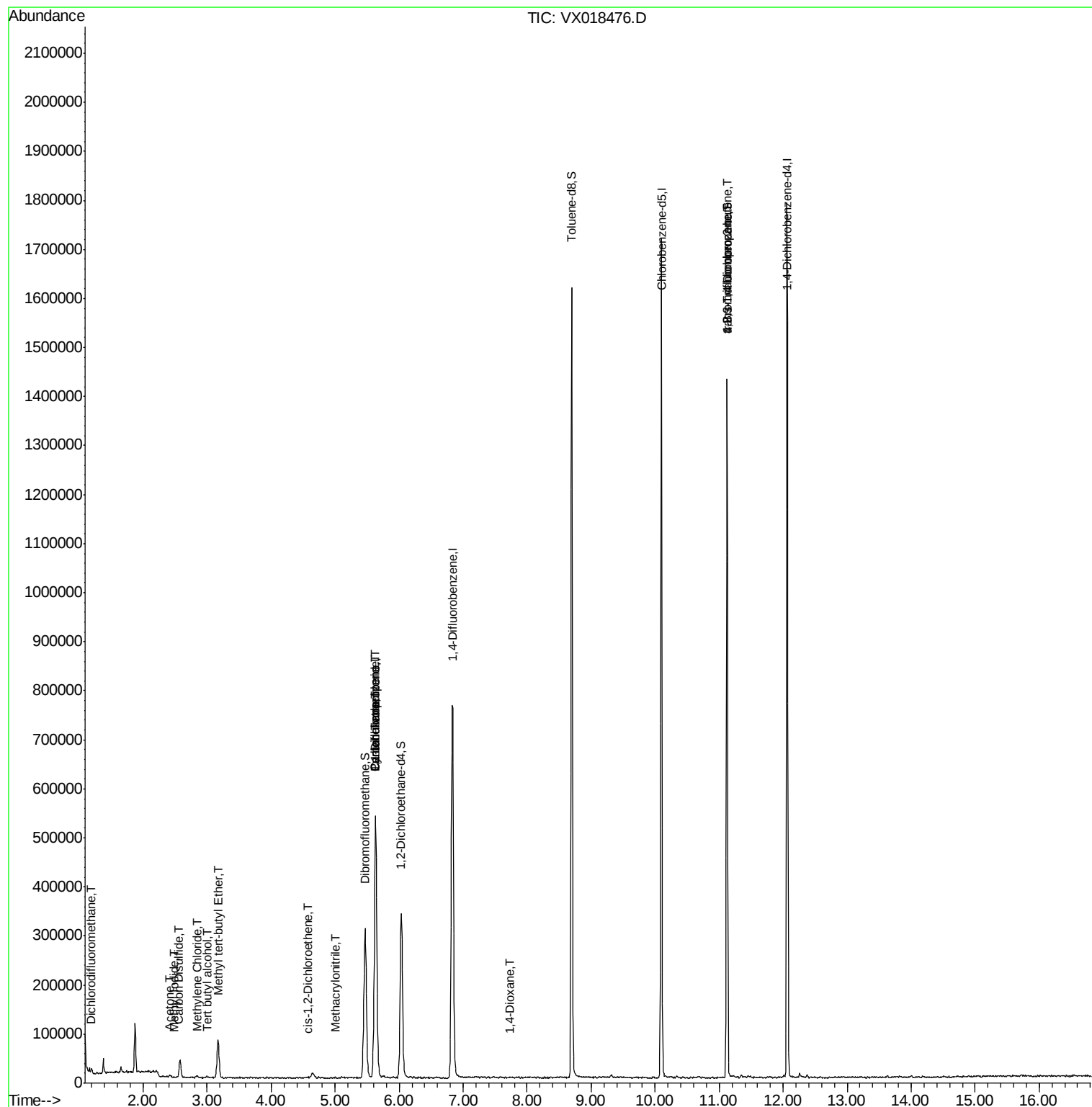
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	908	0.200	ug/l #	59
10) Methyl Iodide	2.48	142	109	4.932	ug/l #	86
11) Tert butyl alcohol	3.00	59	1083	0.919	ug/l #	72
16) Acetone	2.42	43	5160	1.992	ug/l #	87
17) Carbon Disulfide	2.56	76	3173	0.229	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	87342	5.367	ug/l	92
20) Methylene Chloride	2.83	84	1733	0.303	ug/l #	54
27) cis-1,2-Dichloroethene	4.56	96	1340	0.222	ug/l	87
31) Cyclohexane	5.63	56	12003	1.465	ug/l #	31
36) 1,1-Dichloropropene	5.64	75	36439	4.872	ug/l #	52
38) Carbon Tetrachloride	5.63	117	50970	6.154	ug/l #	18
41) Methacrylonitrile	5.01	41	898	0.202	ug/l #	32
49) 1,4-Dioxane	7.72	88	123	1.154	ug/l #	21
76) 1,2,3-Trichloropropane	11.12	75	185143	24.513	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	185143	62.813	ug/l #	12

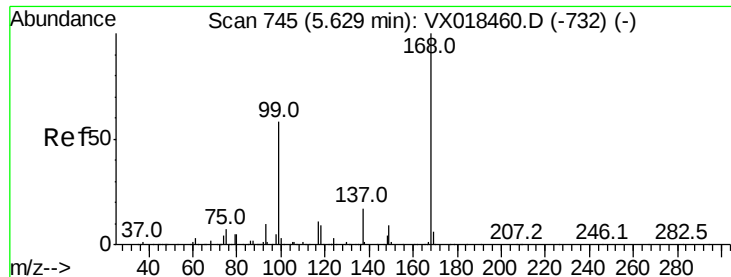
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091720\
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Quant Time: Sep 18 06:34:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 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: VX018476.D

Acq: 17 Sep 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

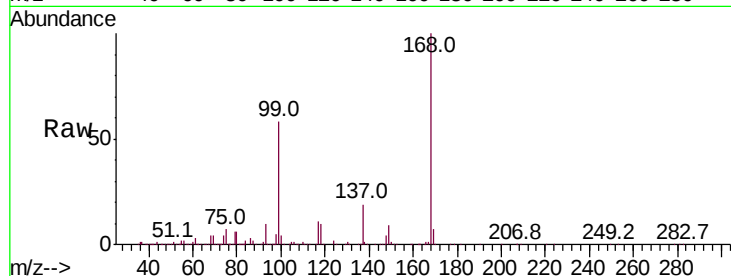
MW-1R

Tot Ion:168 Resp: 478740

Ion Ratio Lower Upper

168 100

99 58.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

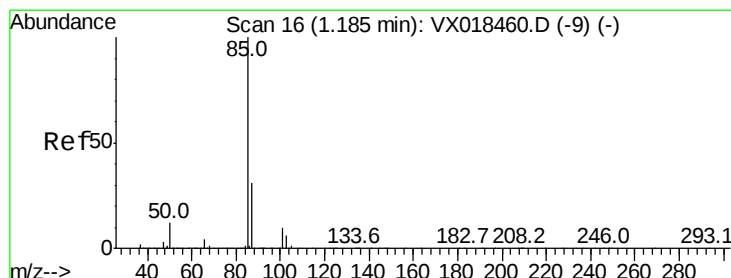
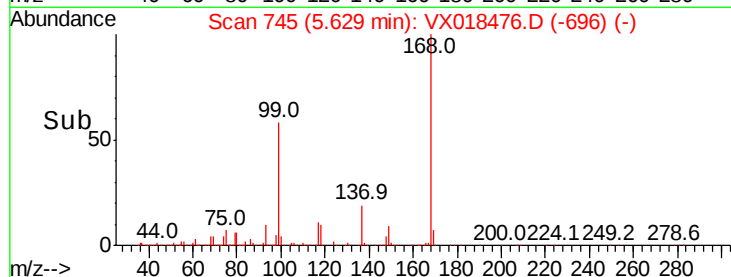
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.200 ug/l

RT: 1.20 min Scan# 18

Delta R.T. 0.01 min

Lab File: VX018476.D

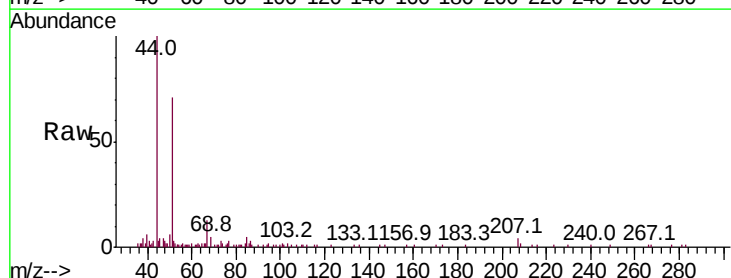
Acq: 17 Sep 2020 19:03

Tgt Ion: 85 Resp: 908

Ion Ratio Lower Upper

85 100

87 8.5 15.7 47.1#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

500

400

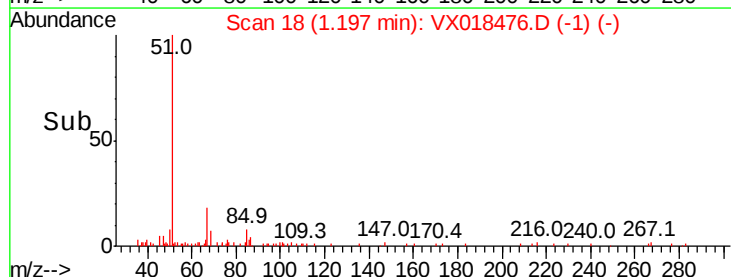
300

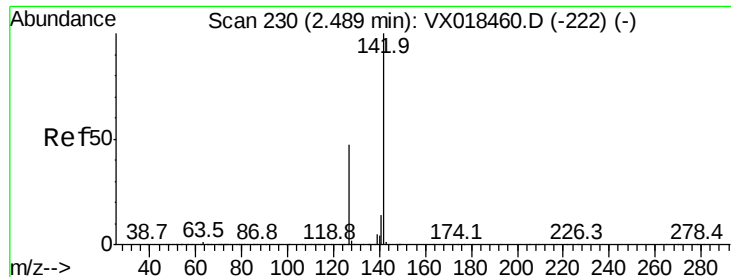
200

100

0

Time-->





#10

Methyl Iodide

Concen: 4.932 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX018476.D

Acq: 17 Sep 2020 19:03

Instrument :

MSVOA_X

ClientSampled :

MW-1R

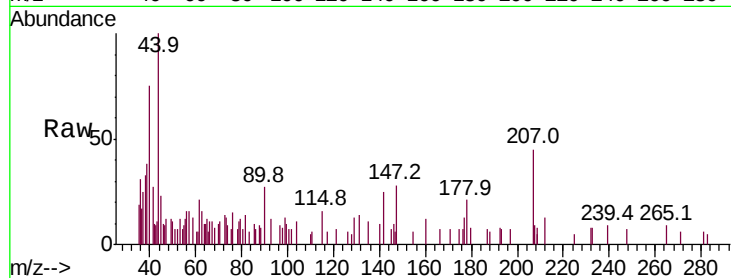
Tot Ion:142 Resp: 109

Ion Ratio Lower Upper

142 100

127 40.4 36.0 54.0

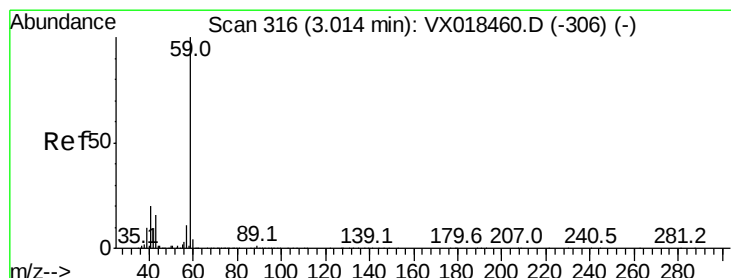
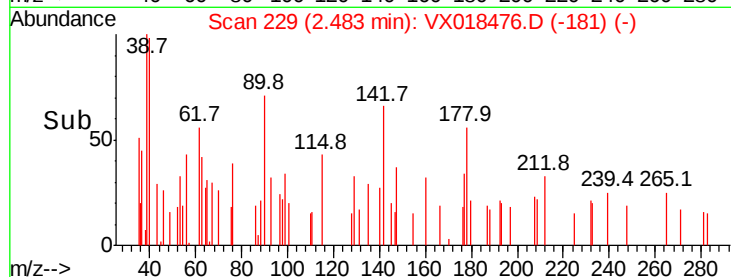
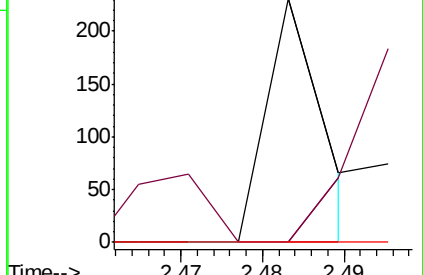
141 0.0 11.9 17.9#



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: 0.919 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX018476.D

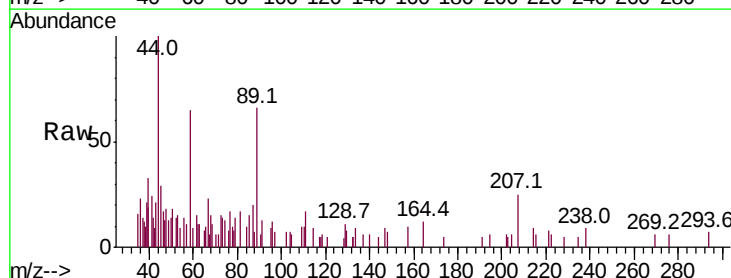
Acq: 17 Sep 2020 19:03

Tgt Ion: 59 Resp: 1083

Ion Ratio Lower Upper

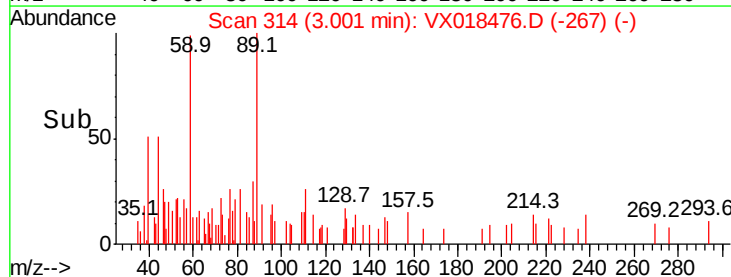
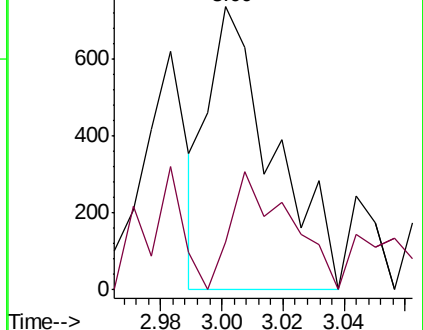
59 100

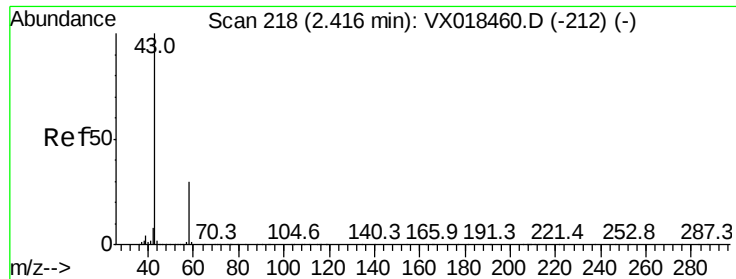
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

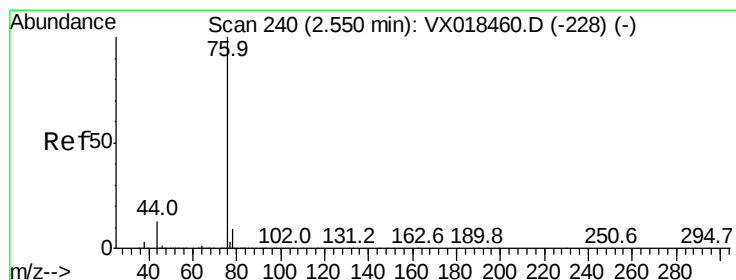
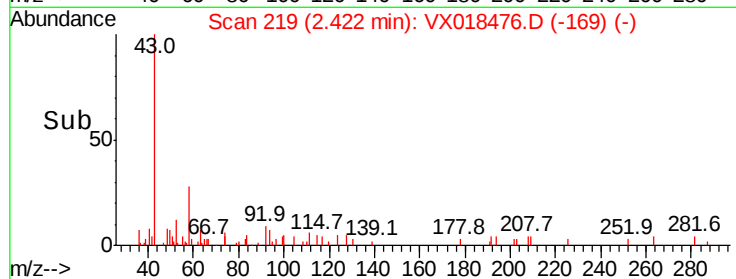
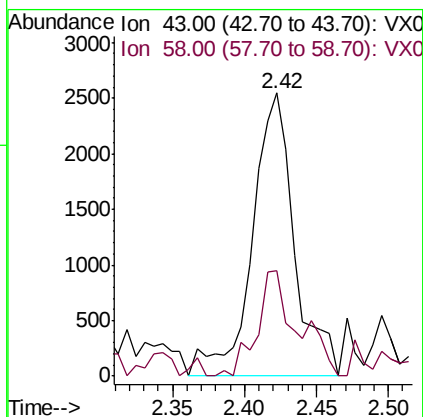
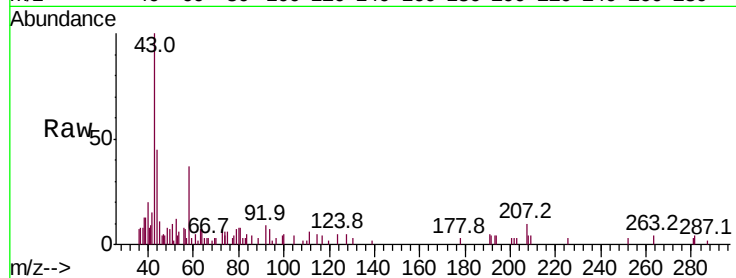




#16
Acetone
Concen: 1.992 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX018476.D
Acq: 17 Sep 2020 19:03

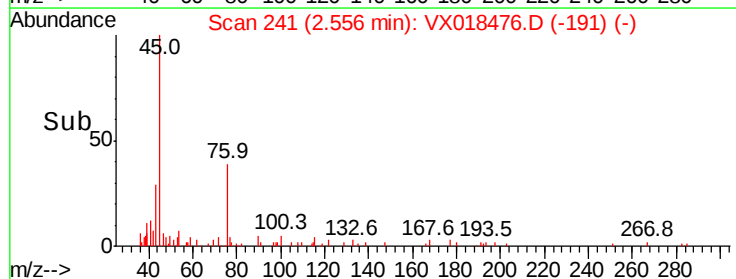
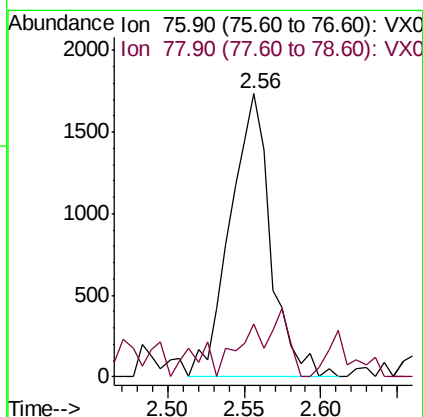
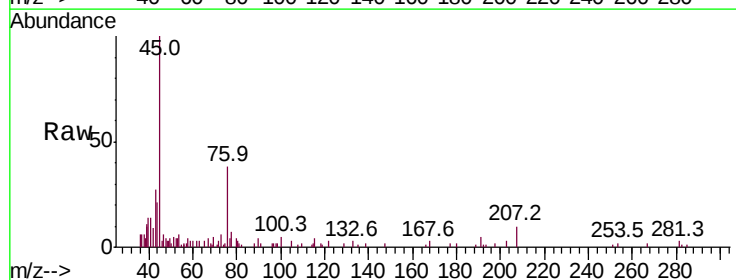
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

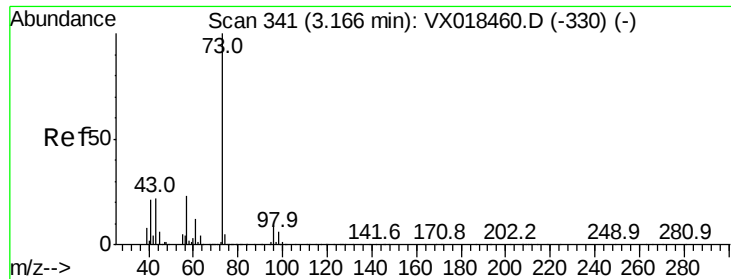
Tot Ion: 43 Resp: 5160
Ion Ratio Lower Upper
43 100
58 37.2 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.229 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX018476.D
Acq: 17 Sep 2020 19:03

Tgt Ion: 76 Resp: 3173
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

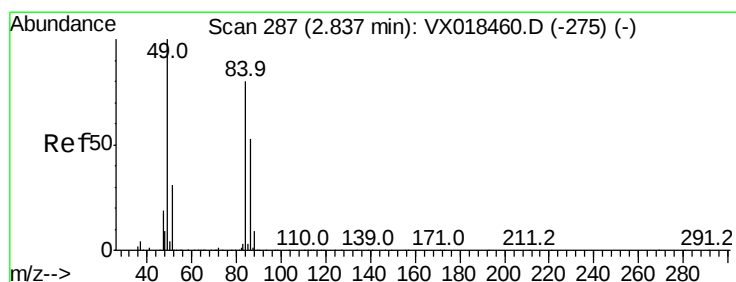
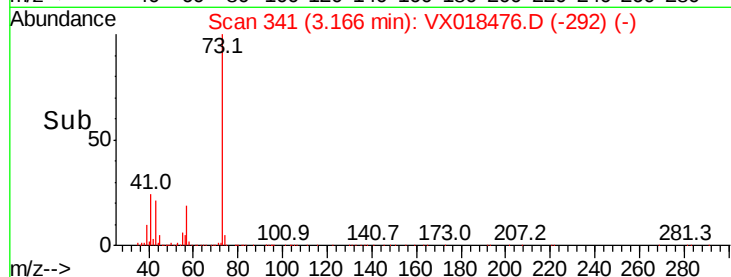
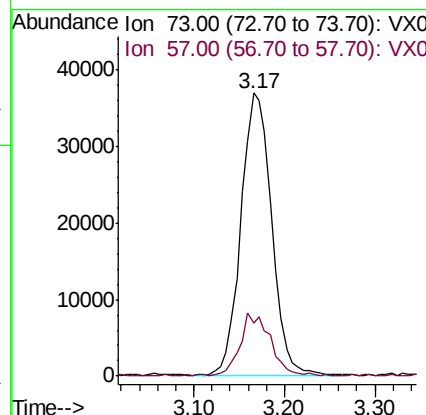
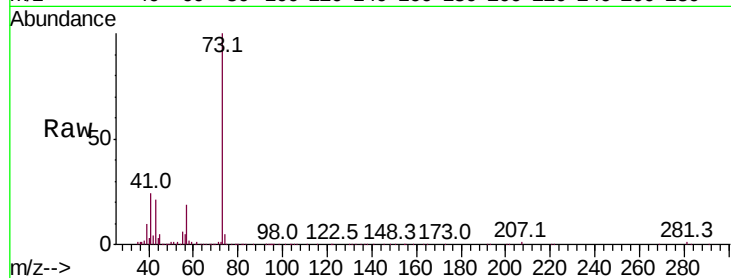




#19
Methvl tert-butvl Ether
Concen: 5.367 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018476.D
Acq: 17 Sep 2020 19:03

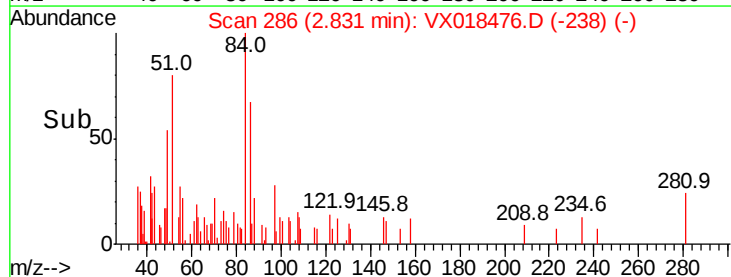
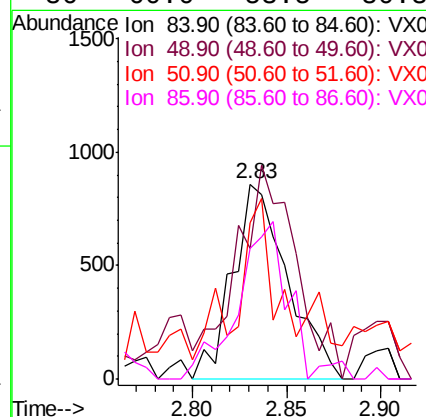
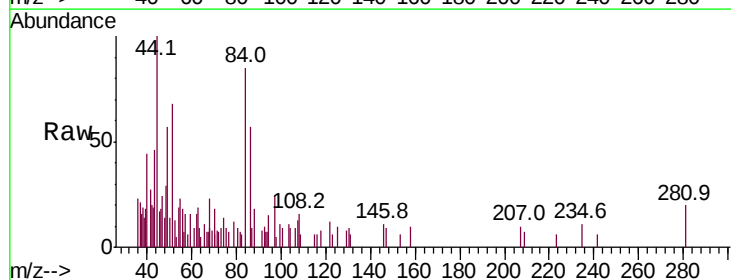
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

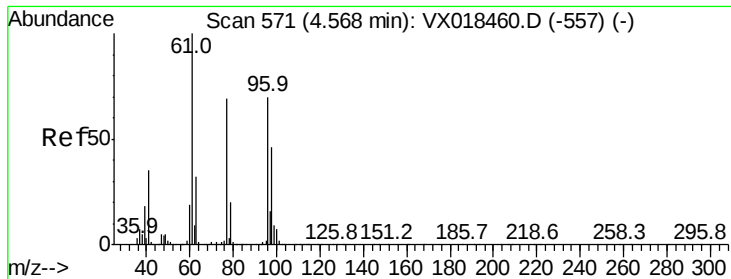
Tot Ion: 73 Resp: 87342
Ion Ratio Lower Upper
73 100
57 18.6 18.0 27.0



#20
Methylene Chloride
Concen: 0.303 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018476.D
Acq: 17 Sep 2020 19:03

Tgt Ion: 84 Resp: 1733
Ion Ratio Lower Upper
84 100
49 52.2 100.6 151.0#
51 70.5 30.9 46.3#
86 60.0 53.5 80.3



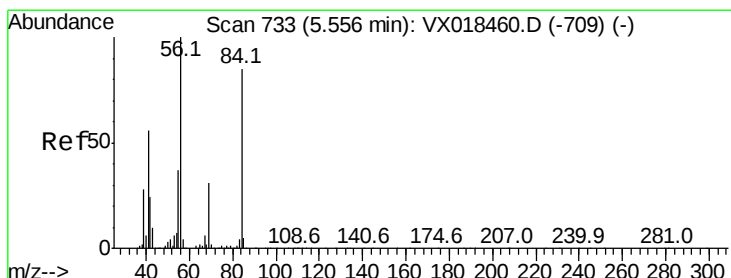
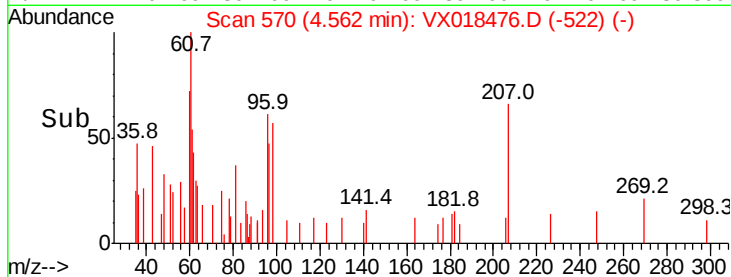
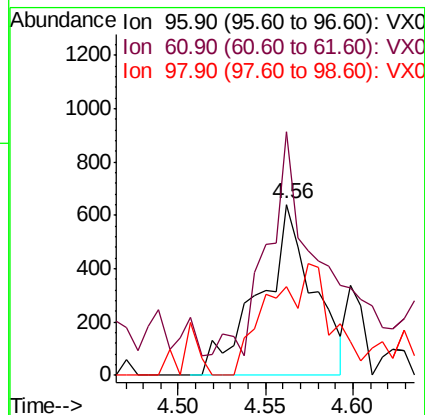
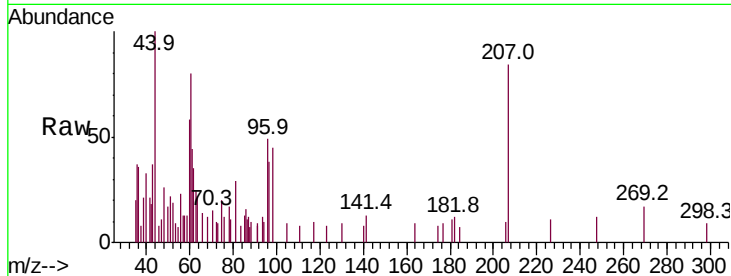


#27

cis-1,2-Dichloroethene
Concen: 0.222 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018476.D
Acq: 17 Sep 2020 19:03

Instrument :
MSVOA_X
ClientSampled :
MW-1R

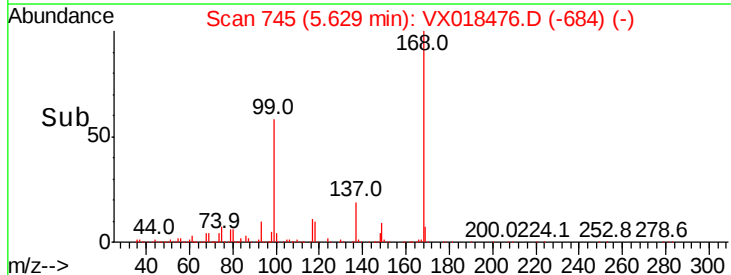
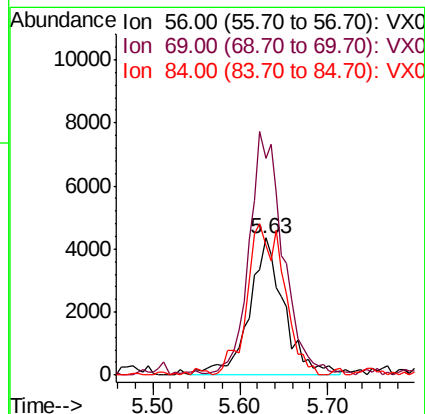
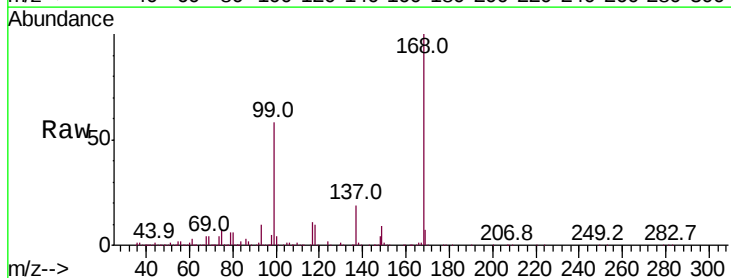
Tot Ion: 96 Resp: 1340
Ion Ratio Lower Upper
96 100
61 134.4 0.0 300.0
98 77.6 0.0 130.4

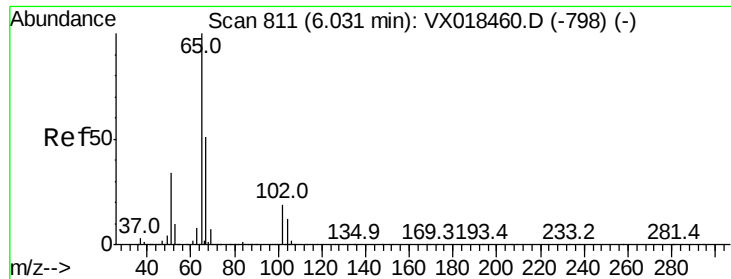


#31

Cyclohexane
Concen: 1.465 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.07 min
Lab File: VX018476.D
Acq: 17 Sep 2020 19:03

Tgt Ion: 56 Resp: 12003
Ion Ratio Lower Upper
56 100
69 155.6 24.8 37.2#
84 94.4 67.6 101.4





#33

1,2-Dichloroethane-d4

Concen: 49.480 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018476.D

Acq: 17 Sep 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

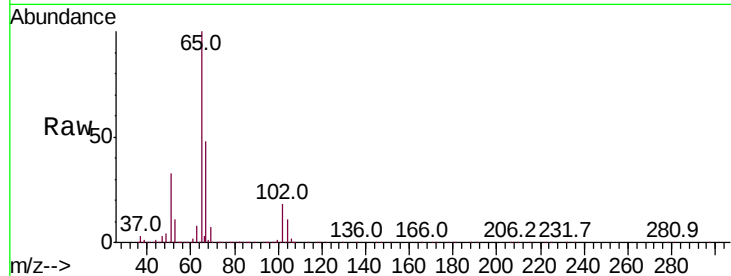
MW-1R

Tot Ion: 65 Resp: 335107

Ion Ratio Lower Upper

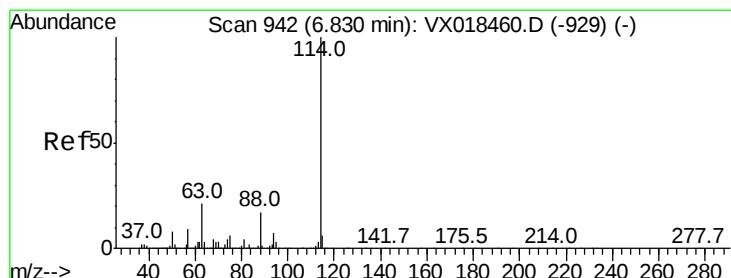
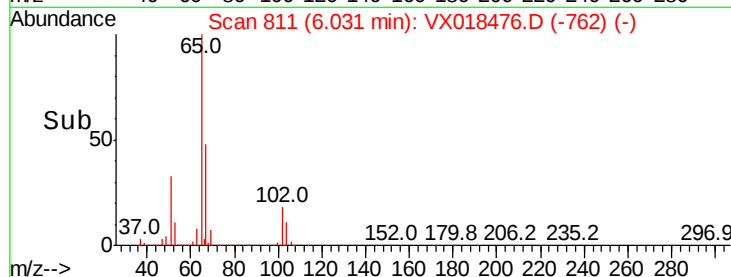
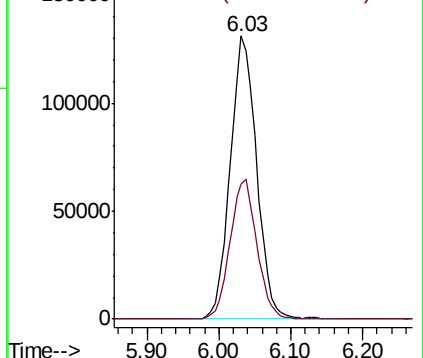
65 100

67 50.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018476.D

Acq: 17 Sep 2020 19:03

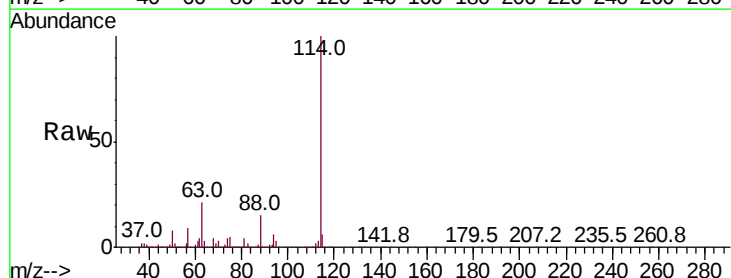
Tgt Ion: 114 Resp: 770538

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

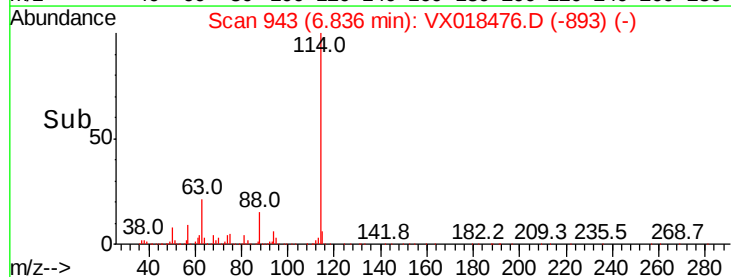
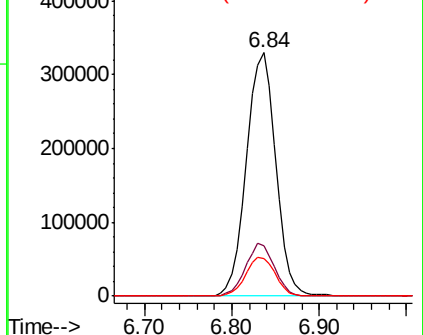
88 15.3 0.0 33.6

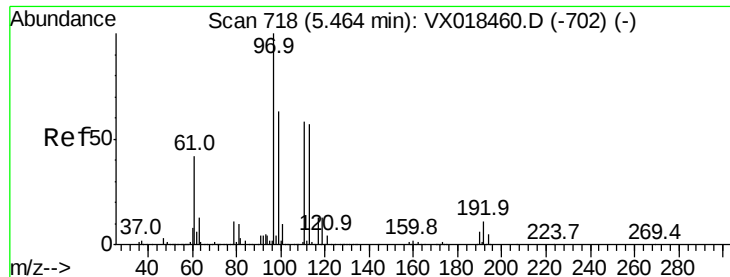


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.396 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018476.D

Acq: 17 Sep 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

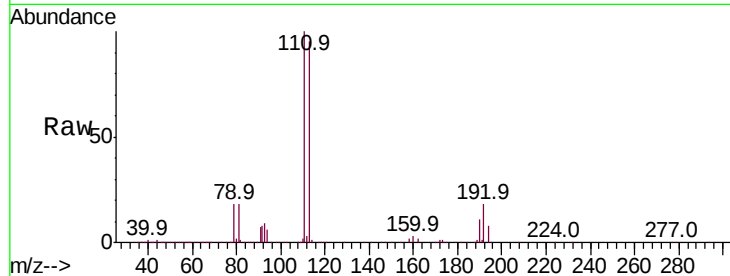
Tot Ion:113 Resp: 263123

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.2

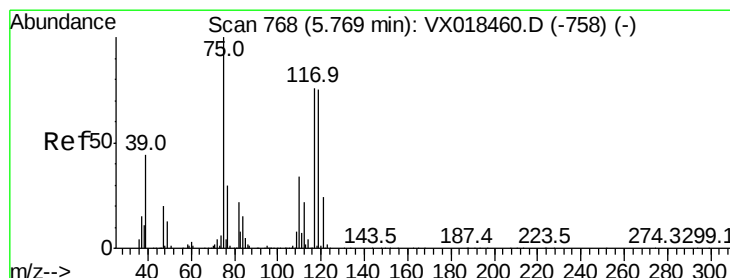
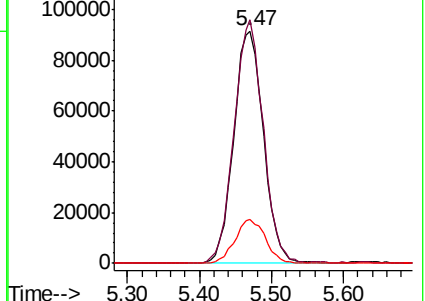
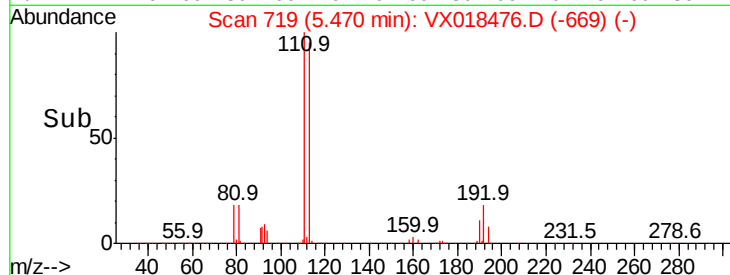
192 19.3 16.6 24.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.872 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX018476.D

Acq: 17 Sep 2020 19:03

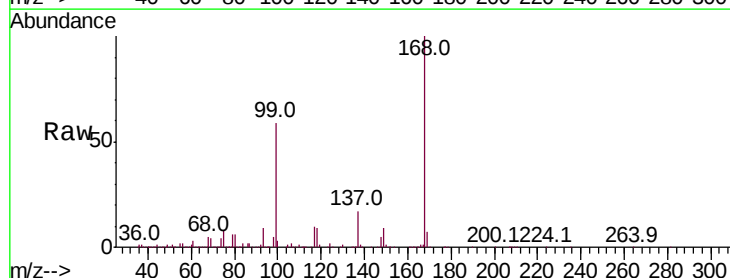
Tgt Ion: 75 Resp: 36439

Ion Ratio Lower Upper

75 100

110 11.6 17.6 52.8#

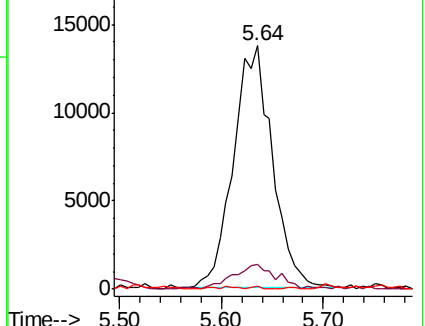
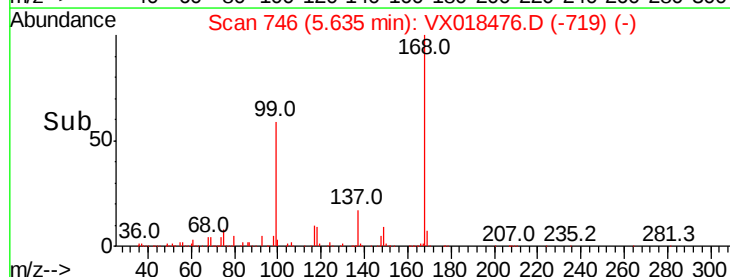
77 0.3 25.0 37.6#

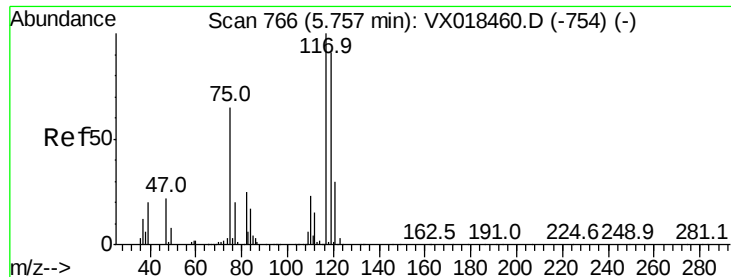


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

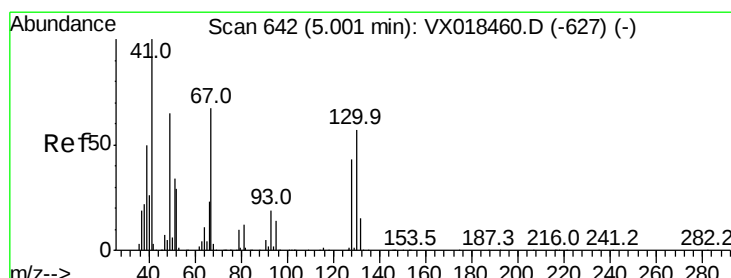
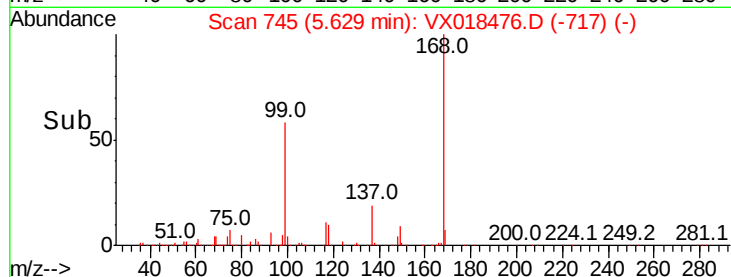
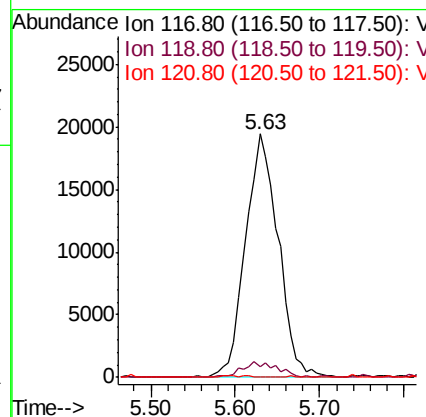
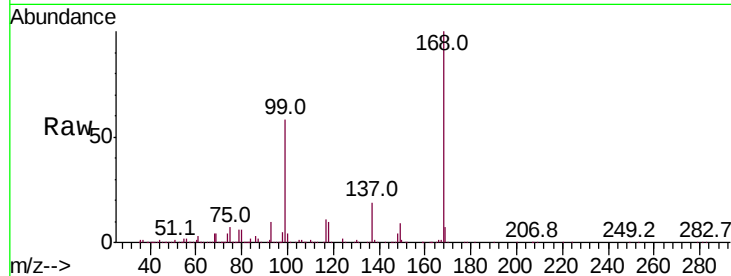




#38
Carbon Tetrachloride
Concen: 6.154 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX018476.D
Acq: 17 Sep 2020 19:03

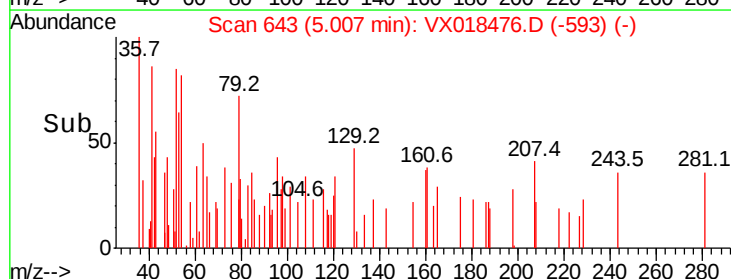
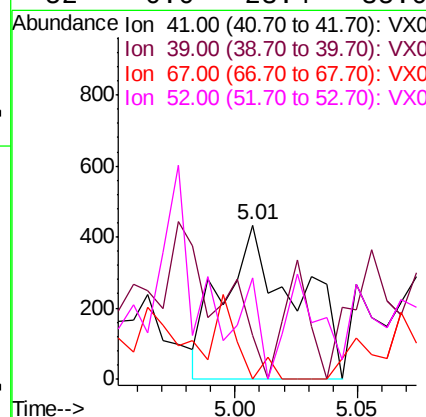
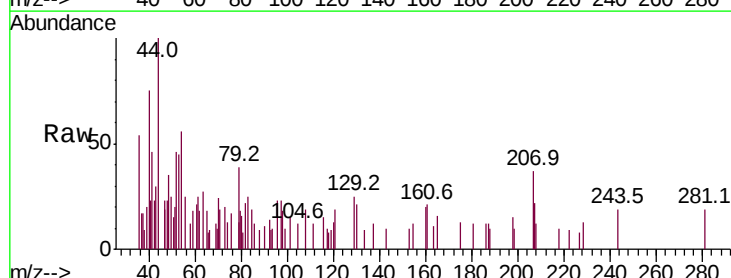
Instrument :
MSVOA_X
ClientSampled :
MW-1R

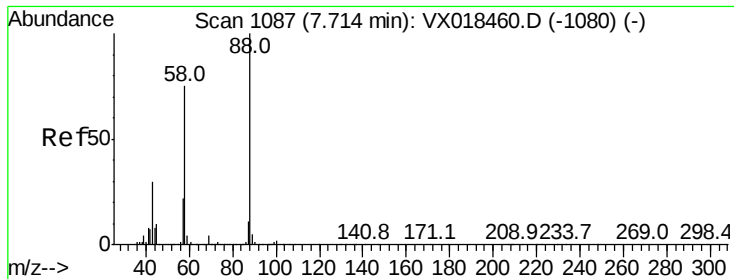
Tot Ion:117 Resp: 50970
Ion Ratio Lower Upper
117 100
119 4.3 72.3 108.5#
121 0.0 23.8 35.8#



#41
Methacrylonitrile
Concen: 0.202 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018476.D
Acq: 17 Sep 2020 19:03

Tgt Ion: 41 Resp: 898
Ion Ratio Lower Upper
41 100
39 0.0 45.3 67.9#
67 16.5 56.7 85.1#
52 0.0 23.4 35.0#





#49

1,4-Dioxane

Concen: 1.154 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX018476.D

Acq: 17 Sep 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

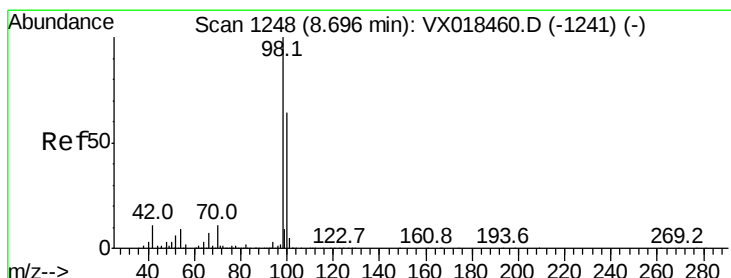
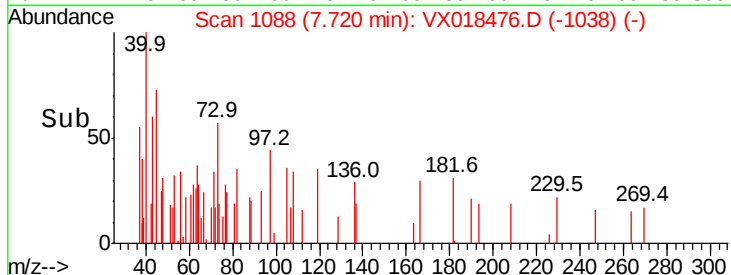
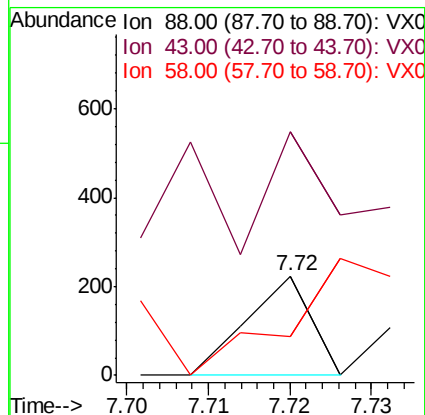
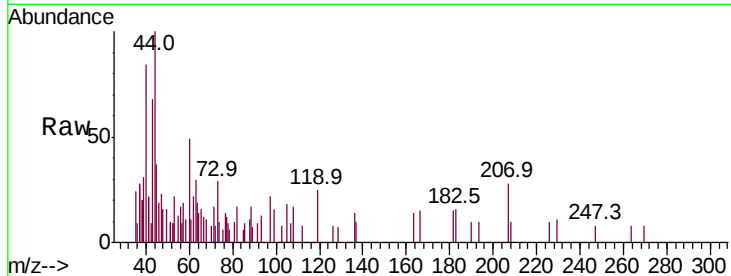
Tot Ion: 88 Resp: 123

Ion Ratio Lower Upper

88 100

43 0.0 29.9 44.9#

58 0.0 59.0 88.6#



#50

Toluene-d8

Concen: 47.852 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018476.D

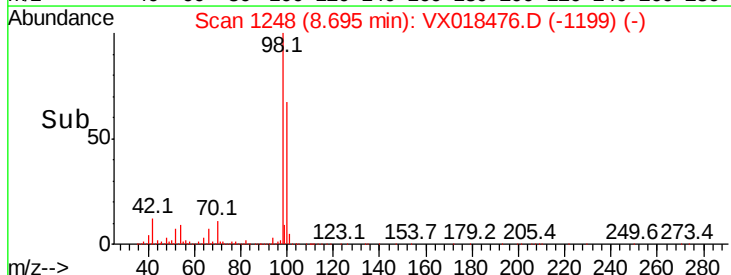
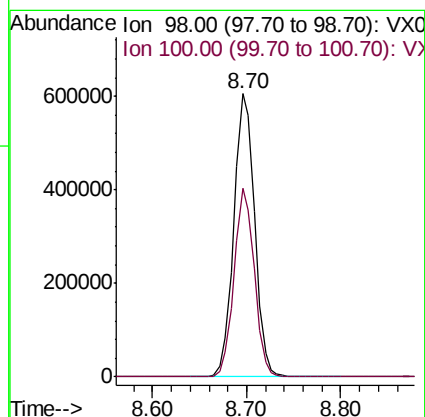
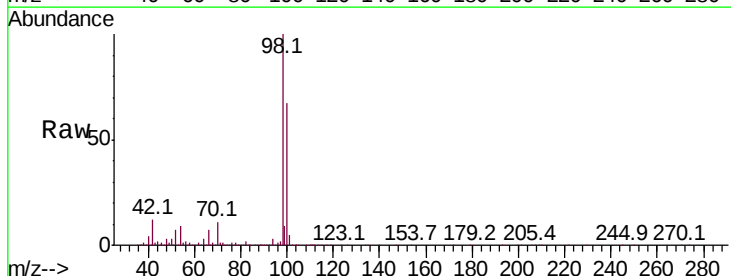
Acq: 17 Sep 2020 19:03

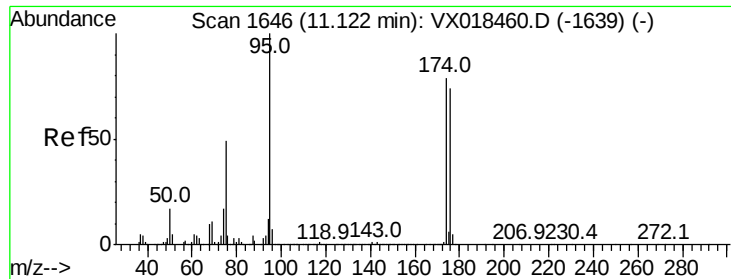
Tgt Ion: 98 Resp: 926132

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 46.074 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018476.D

Acq: 17 Sep 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

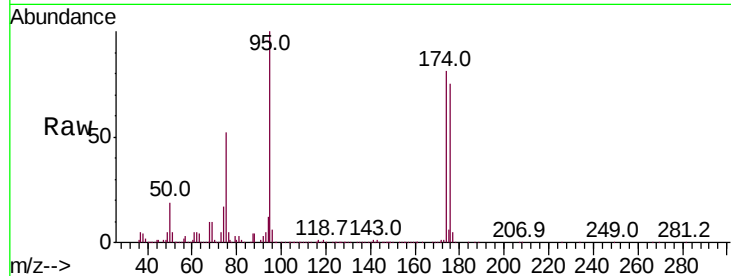
Tot Ion: 95 Resp: 354709

Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.4

176 76.4 0.0 151.4

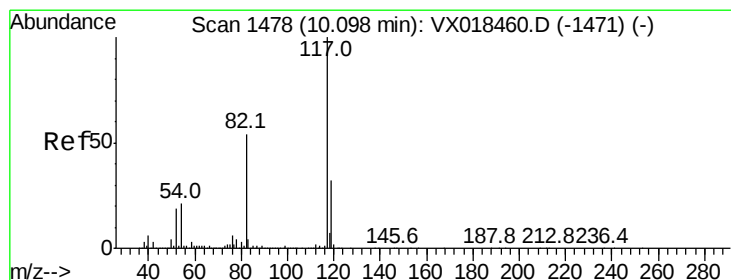
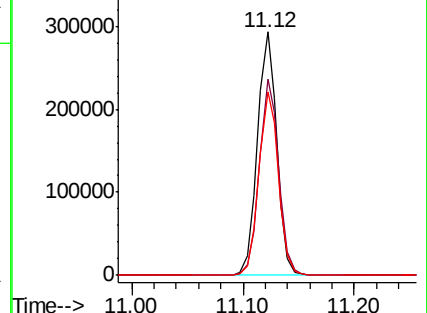
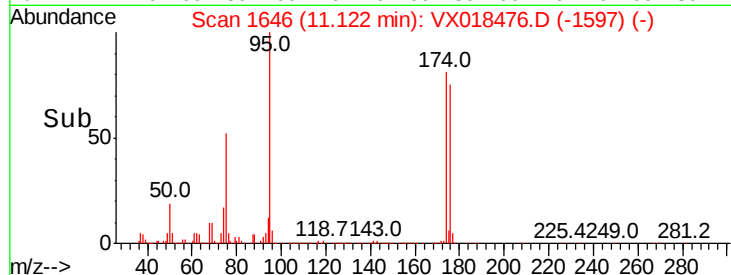


Abundance Ion 94.90 (94.60 to 95.60): VX018476.D (-1597) (-)

400000

Ion 173.80 (173.50 to 174.50): VX018476.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX018476.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018476.D

Acq: 17 Sep 2020 19:03

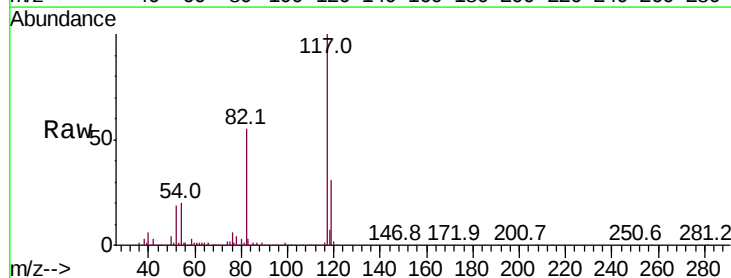
Tgt Ion: 117 Resp: 735528

Ion Ratio Lower Upper

117 100

82 54.7 43.3 64.9

119 31.0 25.9 38.9

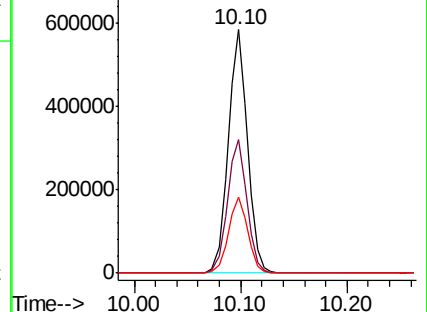
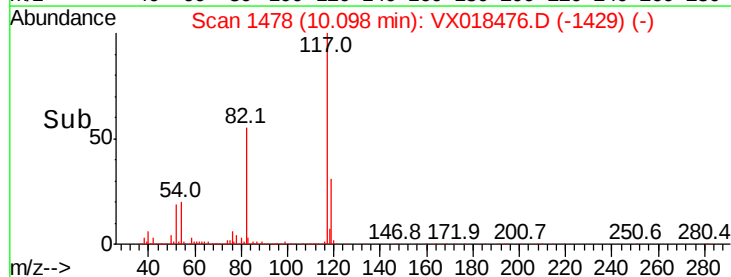


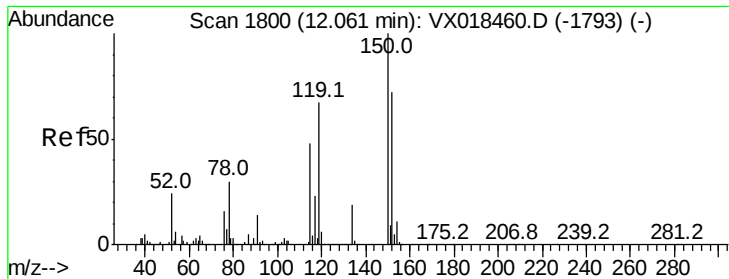
Abundance Ion 116.90 (116.60 to 117.60): VX018476.D (-1429) (-)

800000

Ion 82.00 (81.70 to 82.70): VX018476.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX018476.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018476.D

Acq: 17 Sep 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

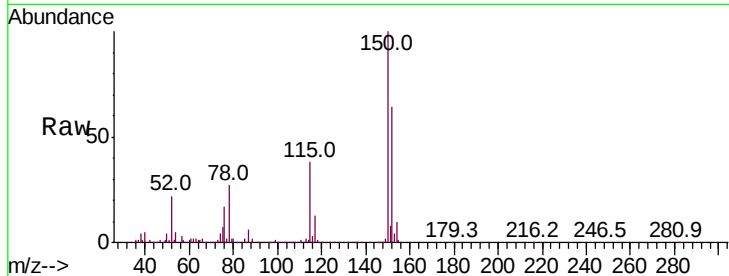
Tot Ion:152 Resp: 359418

Ion Ratio Lower Upper

152 100

115 60.7 41.8 125.4

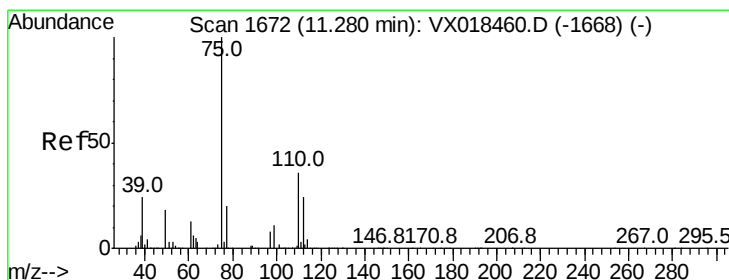
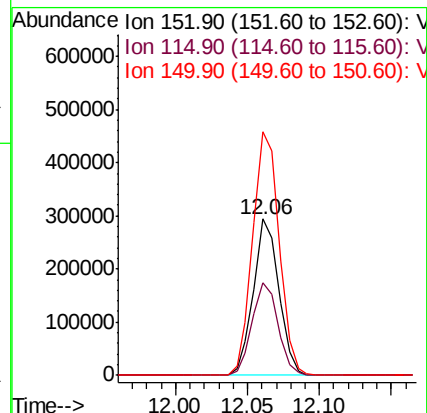
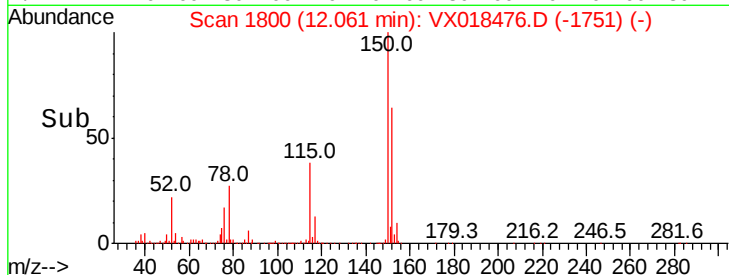
150 161.4 0.0 342.4



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: 24.513 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018476.D

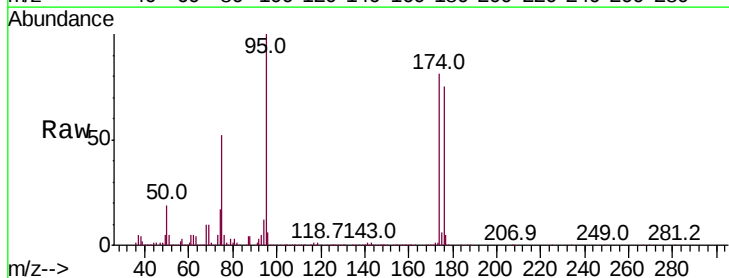
Acq: 17 Sep 2020 19:03

Tgt Ion: 75 Resp: 185143

Ion Ratio Lower Upper

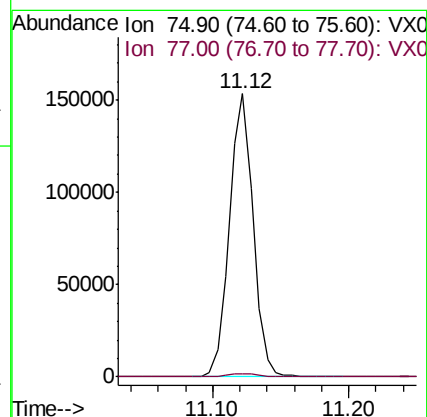
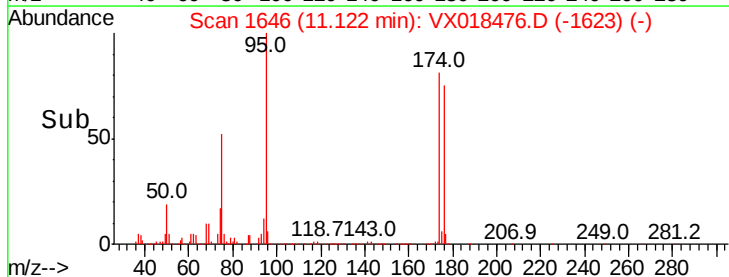
75 100

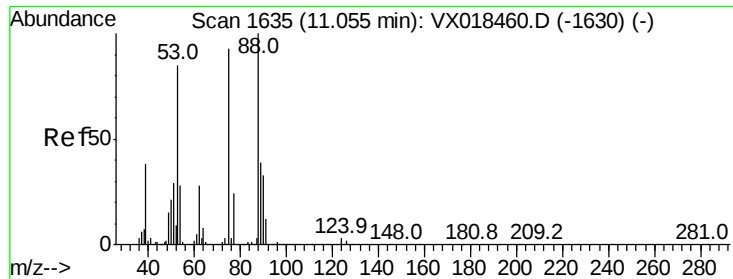
77 1.7 20.9 62.7#



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: 62.813 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX018476.D

Acq: 17 Sep 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

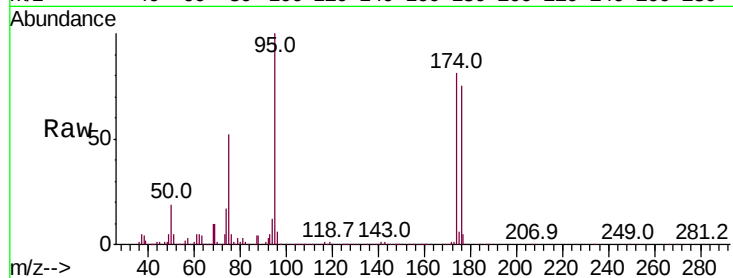
Tot Ion: 75 Resp: 185143

Ion Ratio Lower Upper

75 100

53 0.2 74.6 111.8#

89 0.0 36.2 54.4#



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

