

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091720\
 Data File : VX018470.D
 Acq On : 17 Sep 2020 16:46
 Operator : JC/SP
 Sample : L4014-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Sep 18 07:05:24 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	569214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	925156	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	877213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	431729	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	385562	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
35) Dibromofluoromethane	5.47	113	310554	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
50) Toluene-d8	8.70	98	1122810	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.12	95	412477	44.62	ug/l	0.00
Spiked Amount			Recovery	=	89.24%	

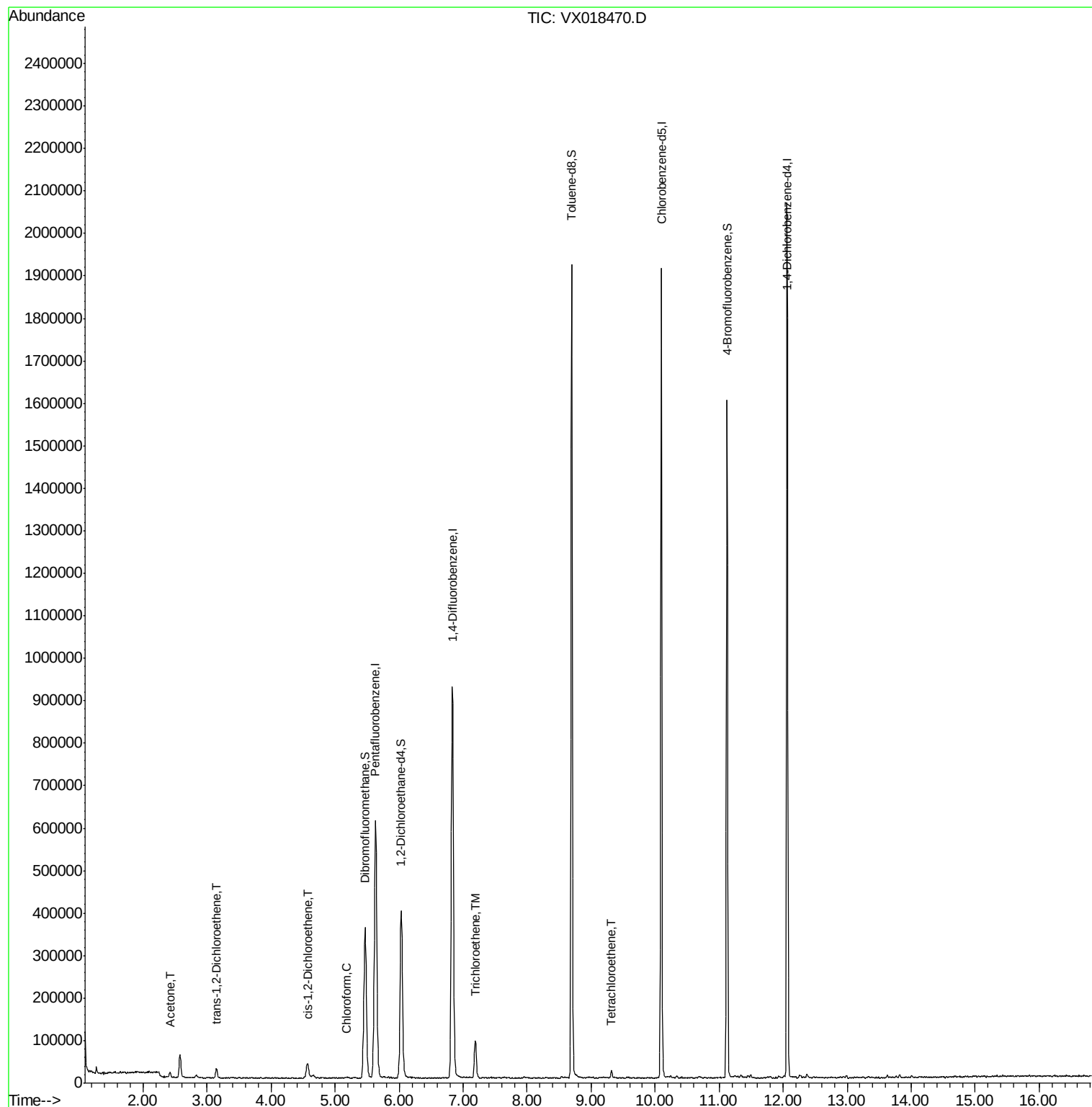
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	15629	5.075	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	8939	1.395	ug/l	84
27) cis-1,2-Dichloroethene	4.57	96	22502	3.134	ug/l	90
30) Chloroform	5.17	83	2845	0.242	ug/l	87
44) Trichloroethene	7.19	130	35999	4.832	ug/l	95
64) Tetrachloroethene	9.32	164	3197	0.463	ug/l	82

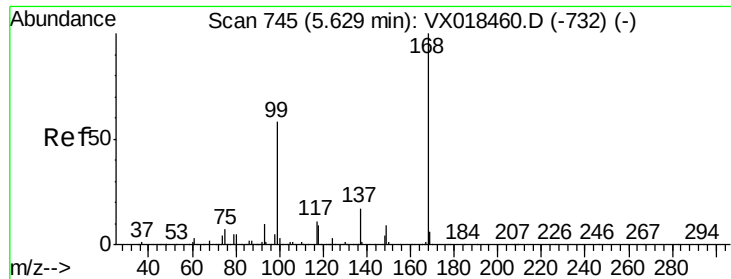
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX018470.D

Acq: 17 Sep 2020 16:46

Instrument :

MSVOA_X

ClientSampled :

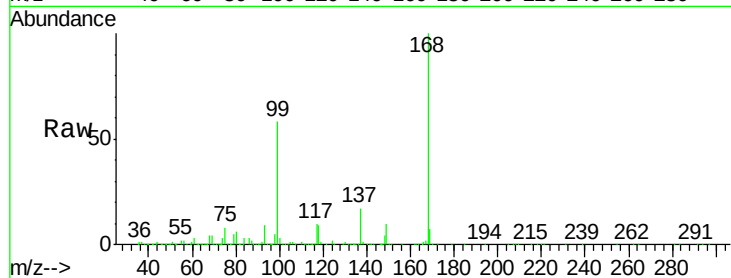
MW-3

Tot Ion:168 Resp: 569214

Ion Ratio Lower Upper

168 100

99 58.1 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

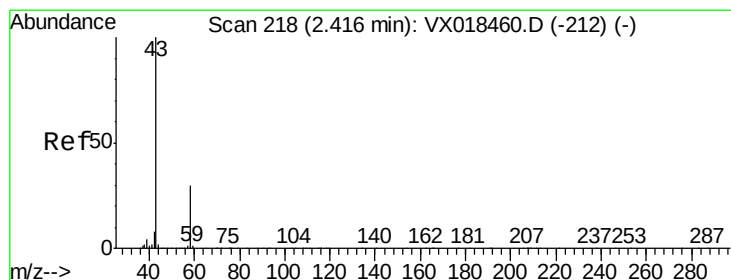
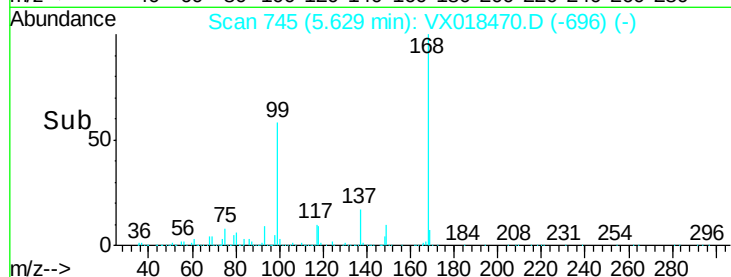
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.075 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018470.D

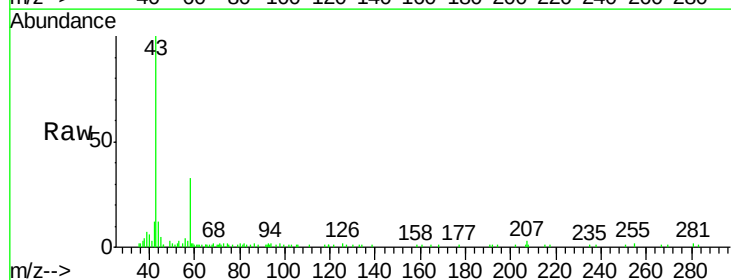
Acq: 17 Sep 2020 16:46

Tgt Ion: 43 Resp: 15629

Ion Ratio Lower Upper

43 100

58 32.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

10000

8000

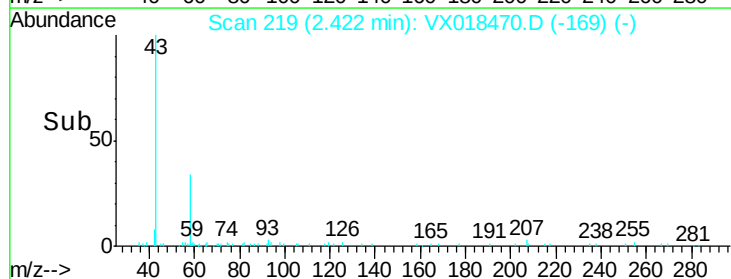
6000

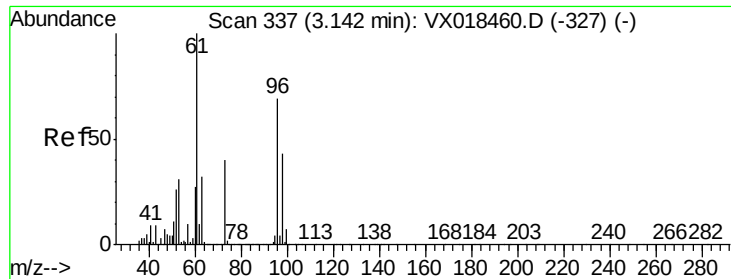
4000

2000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 1.395 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018470.D

Acq: 17 Sep 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

MW-3

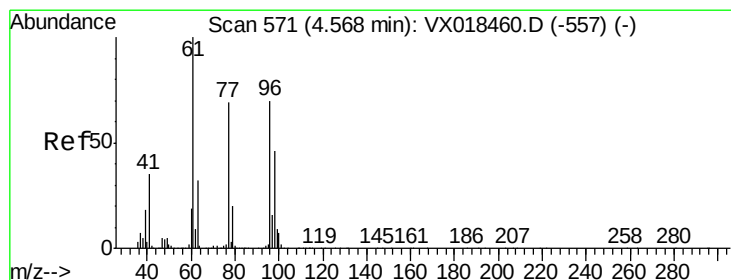
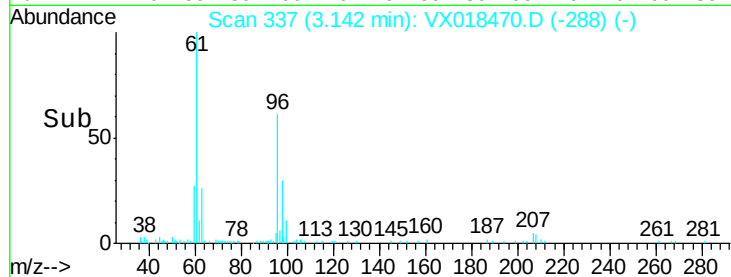
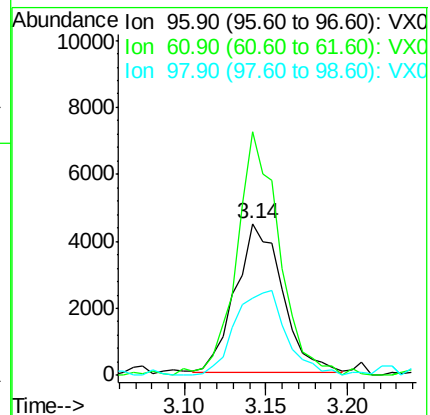
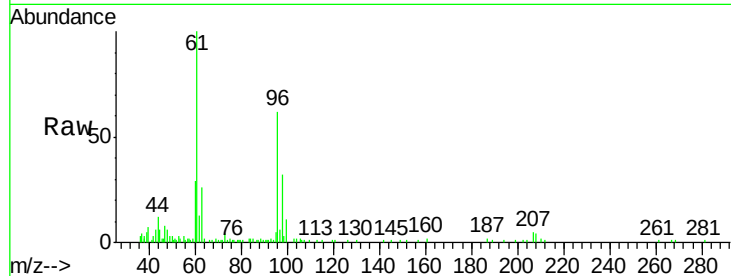
Tot Ion: 96 Resp: 8939

Ion Ratio Lower Upper

96 100

61 165.0 115.6 173.4

98 52.2 50.2 75.4



#27

cis-1,2-Dichloroethene

Concen: 3.134 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX018470.D

Acq: 17 Sep 2020 16:46

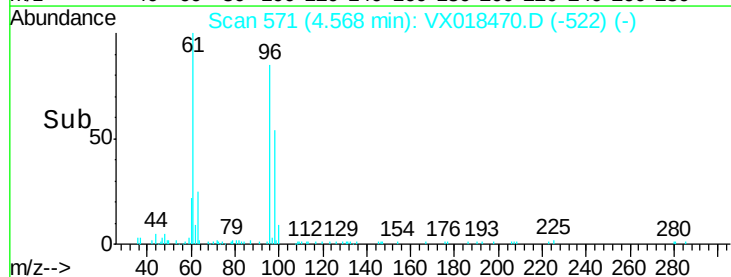
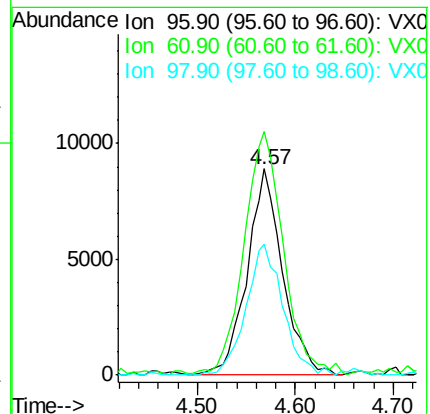
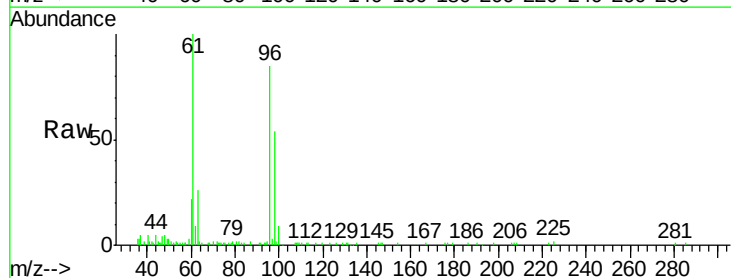
Tgt Ion: 96 Resp: 22502

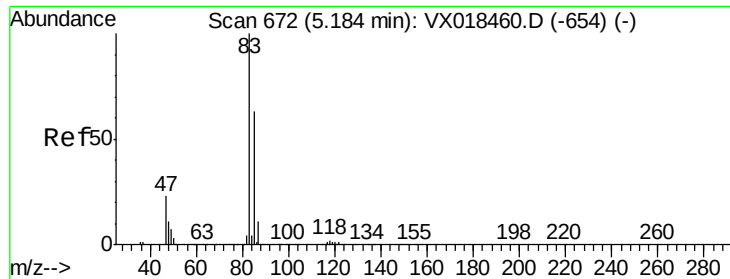
Ion Ratio Lower Upper

96 100

61 131.9 0.0 300.0

98 66.2 0.0 130.4

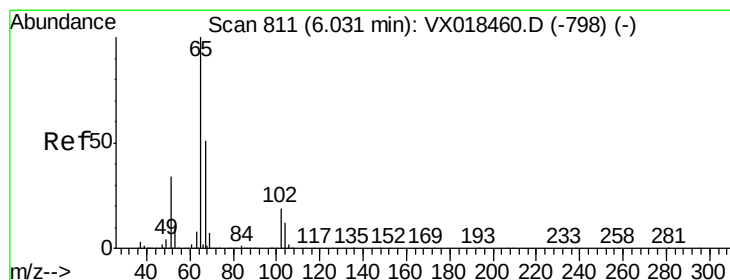
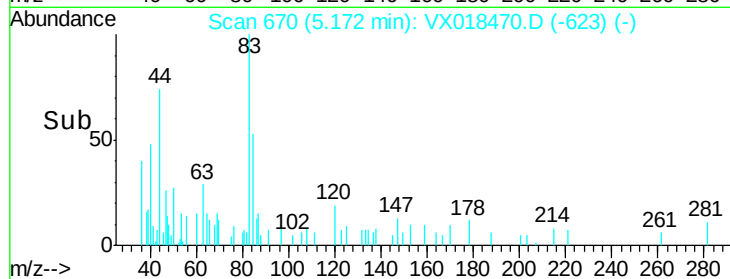
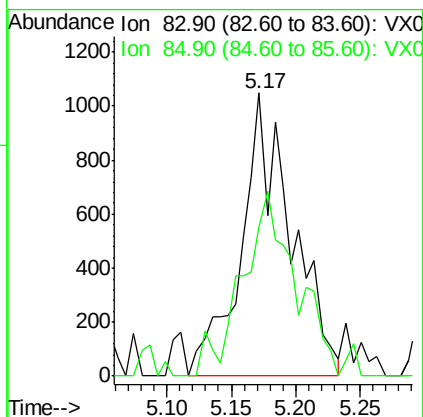
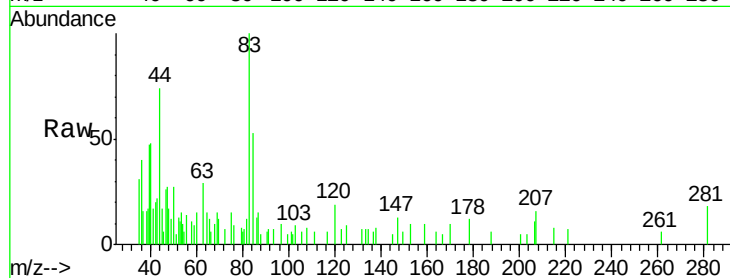




#30
Chloroform
Concen: 0.242 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018470.D
Acq: 17 Sep 2020 16:46

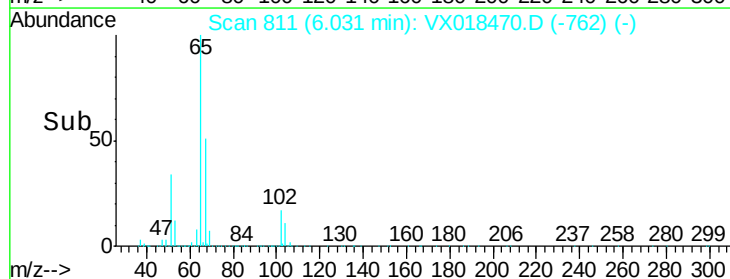
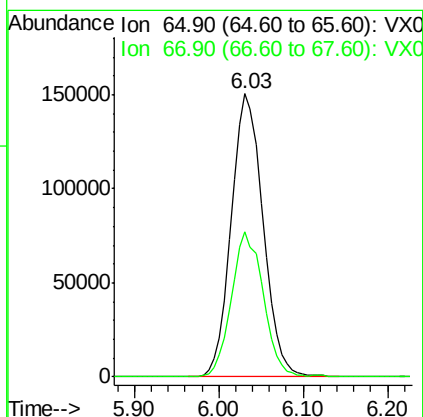
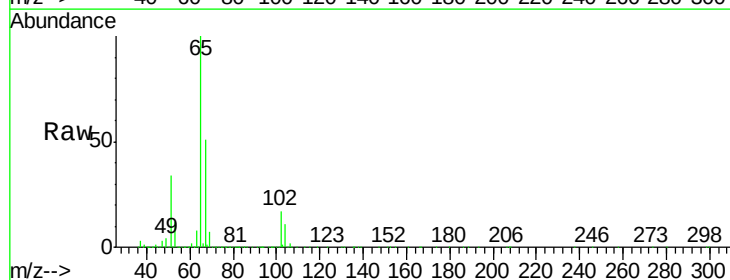
Instrument :
MSVOA_X
ClientSampled :
MW-3

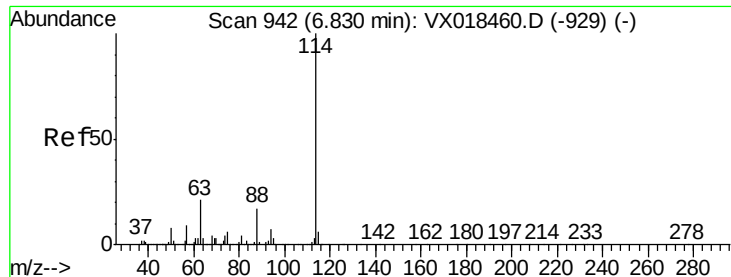
Tot Ion: 83 Resp: 2845
Ion Ratio Lower Upper
83 100
85 52.9 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 47.882 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018470.D
Acq: 17 Sep 2020 16:46

Tgt Ion: 65 Resp: 385562
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018470.D

Acq: 17 Sep 2020 16:46

Instrument :

MSVOA_X

ClientSampled :

MW-3

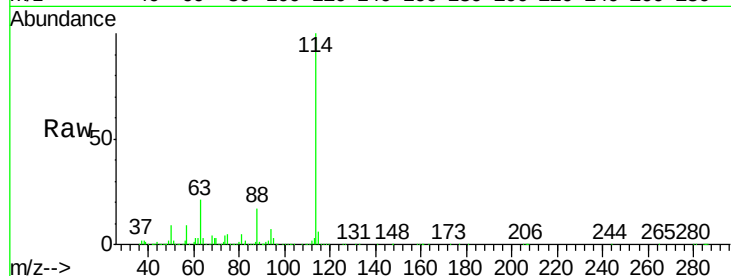
Tot Ion:114 Resp: 925156

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

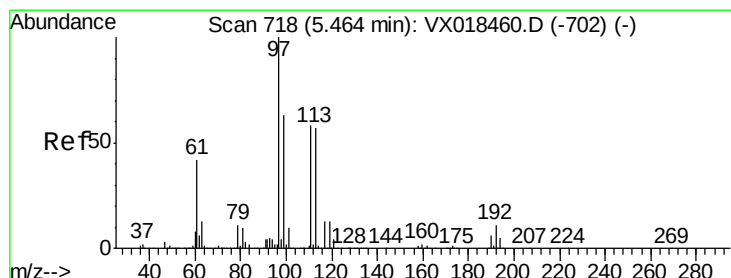
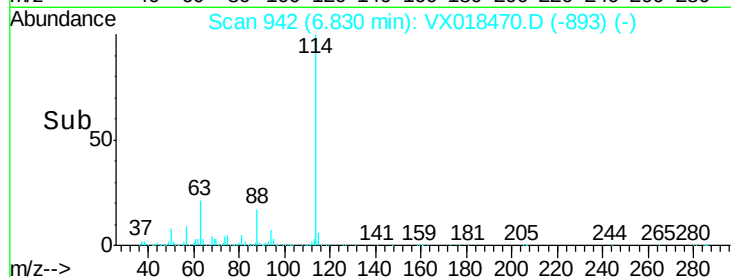
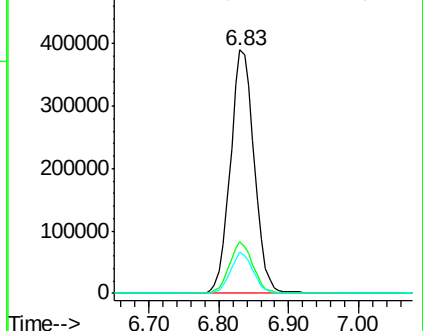
88 16.9 0.0 33.6



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: 48.556 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018470.D

Acq: 17 Sep 2020 16:46

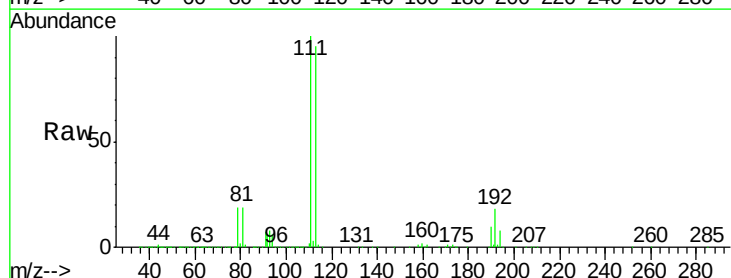
Tgt Ion:113 Resp: 310554

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.2

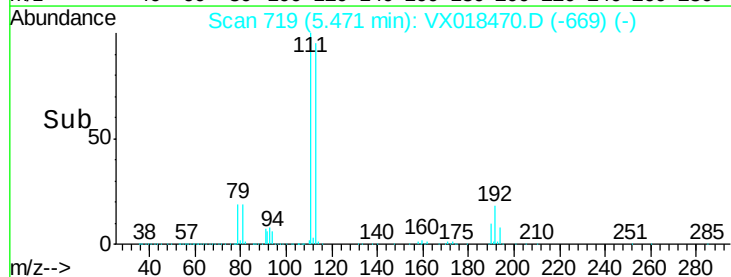
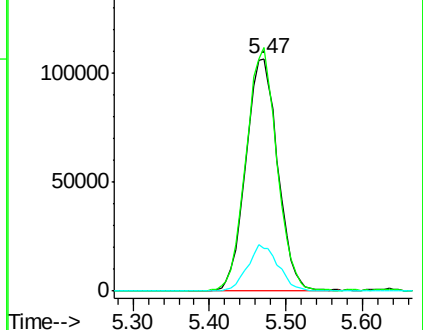
192 19.3 16.6 24.8

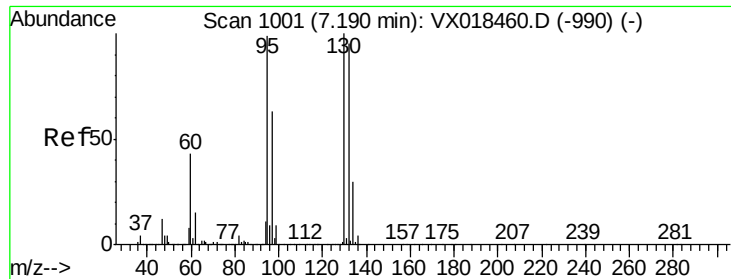


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

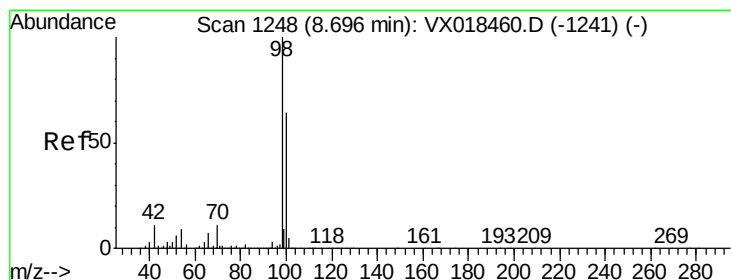
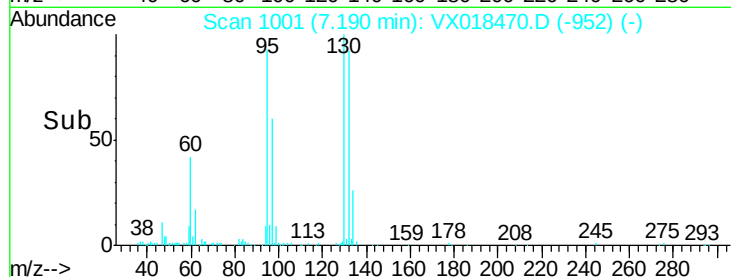
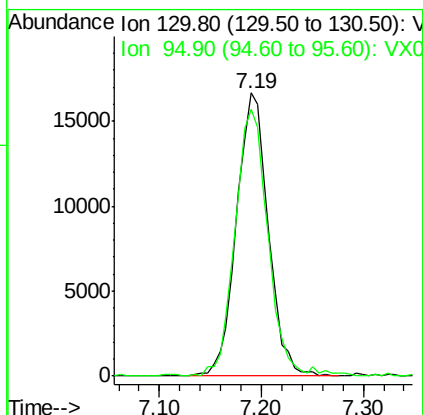
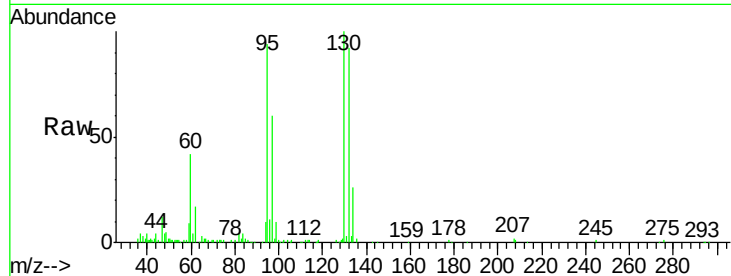




#44
 Trichloroethene
 Concen: 4.832 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018470.D
 Acq: 17 Sep 2020 16:46

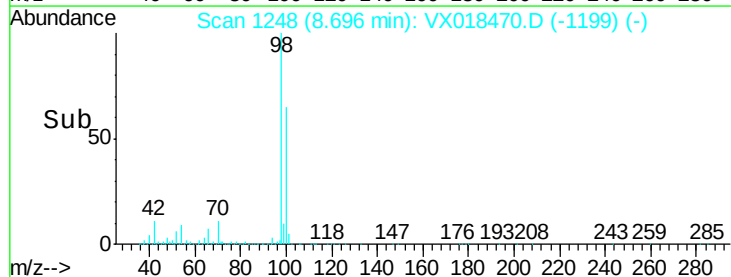
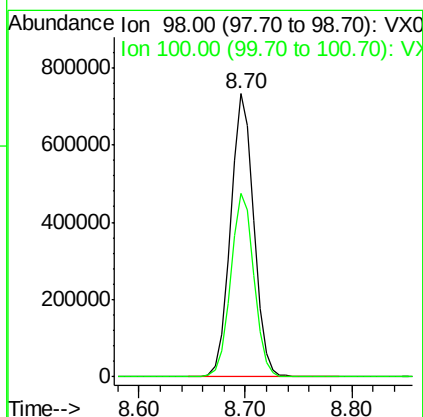
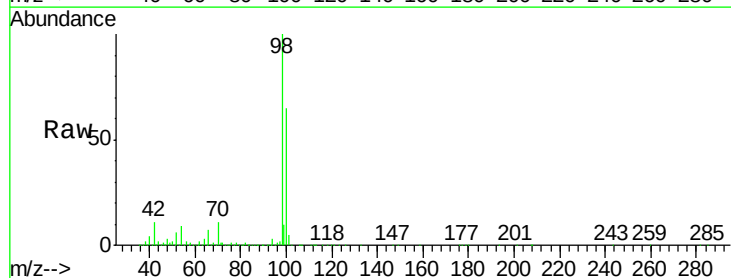
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

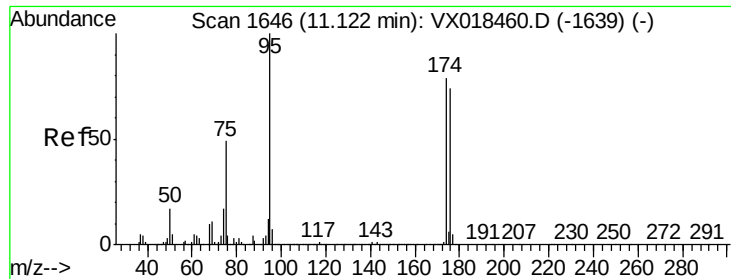
Tot Ion:130 Resp: 35999
 Ion Ratio Lower Upper
 130 100
 95 93.8 0.0 197.4



#50
 Toluene-d8
 Concen: 48.318 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX018470.D
 Acq: 17 Sep 2020 16:46

Tgt Ion: 98 Resp: 1122810
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.7 77.5

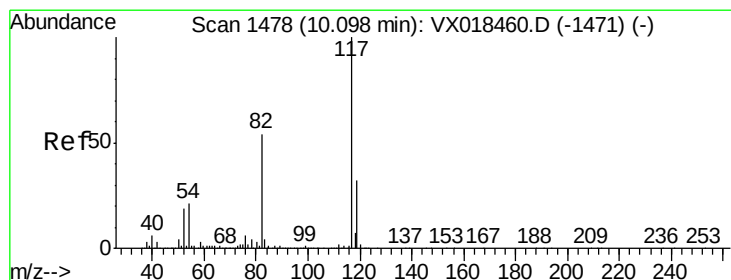
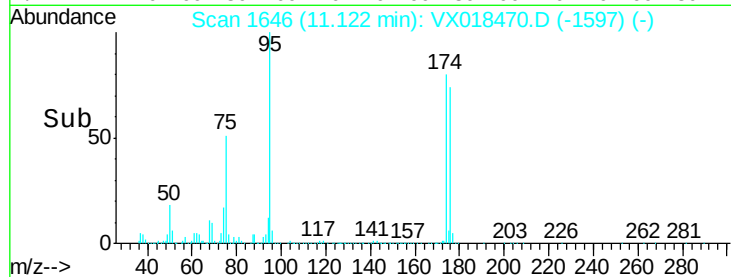
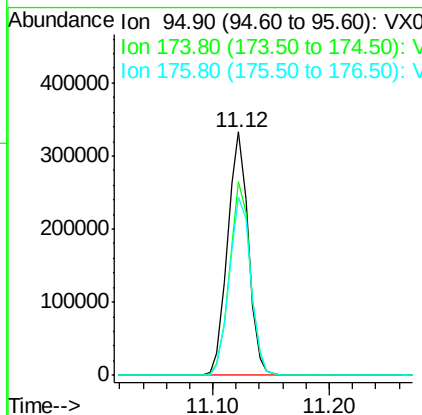
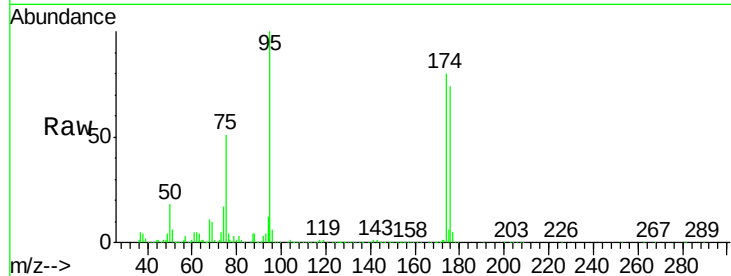




#62
4-Bromofluorobenzene
Concen: 44.624 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018470.D
Acq: 17 Sep 2020 16:46

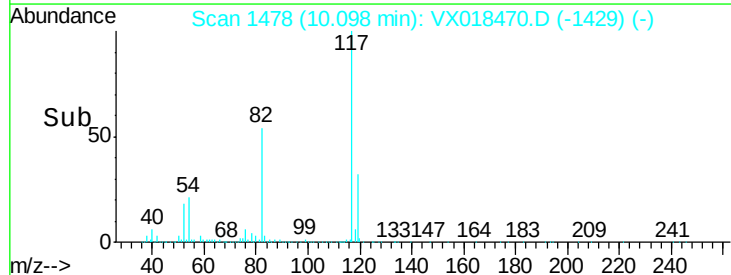
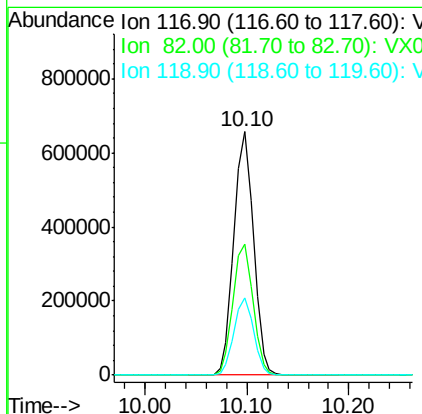
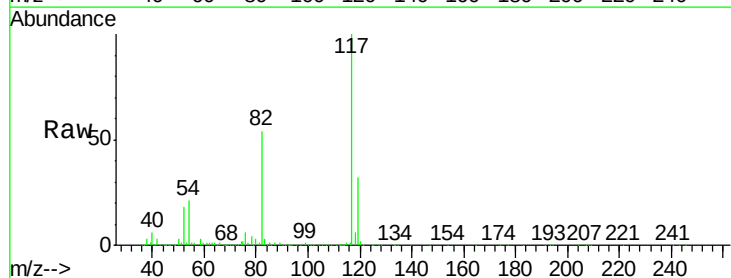
Instrument :
MSVOA_X
ClientSampled :
MW-3

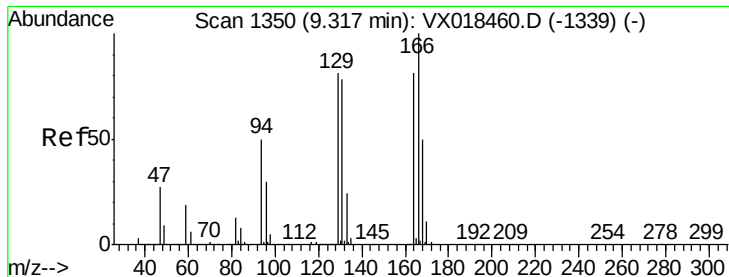
Tot Ion: 95 Resp: 412477
Ion Ratio Lower Upper
95 100
174 80.3 0.0 161.4
176 76.4 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018470.D
Acq: 17 Sep 2020 16:46

Tgt Ion: 117 Resp: 877213
Ion Ratio Lower Upper
117 100
82 53.8 43.3 64.9
119 31.6 25.9 38.9





#64

Tetrachloroethene

Concen: 0.463 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018470.D

Acq: 17 Sep 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tot Ion:164 Resp: 3197

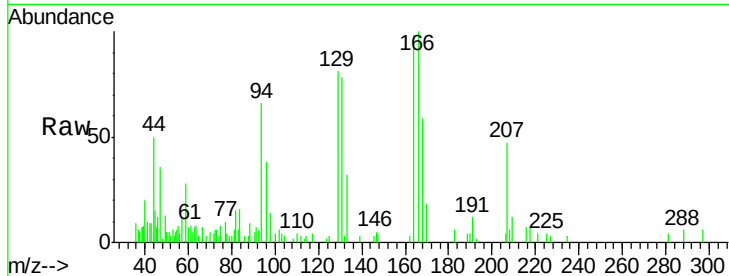
Ion Ratio Lower Upper

164 100

166 101.8 99.3 148.9

129 82.7 80.7 121.1

131 79.6 77.2 115.8



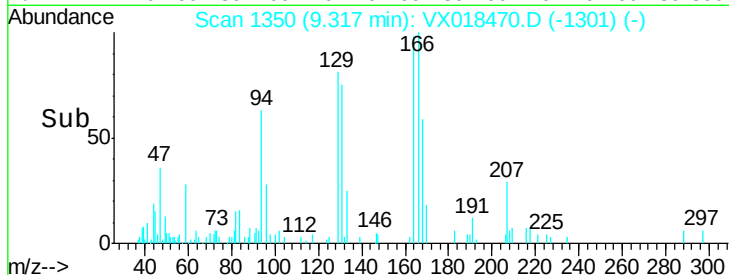
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



Abundance

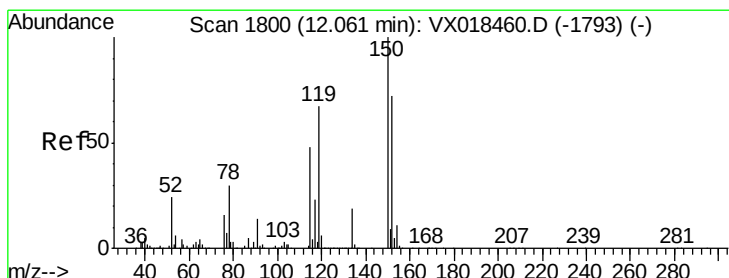
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018470.D

Acq: 17 Sep 2020 16:46

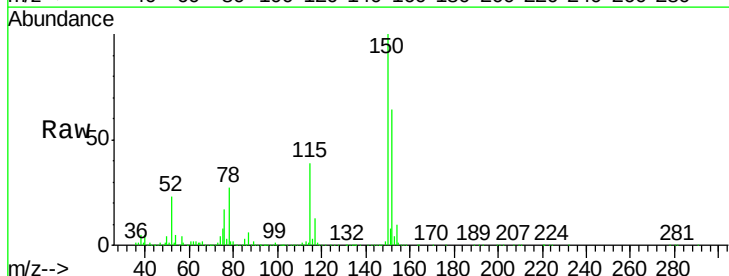
Tgt Ion:152 Resp: 431729

Ion Ratio Lower Upper

152 100

115 57.7 41.8 125.4

150 154.7 0.0 342.4

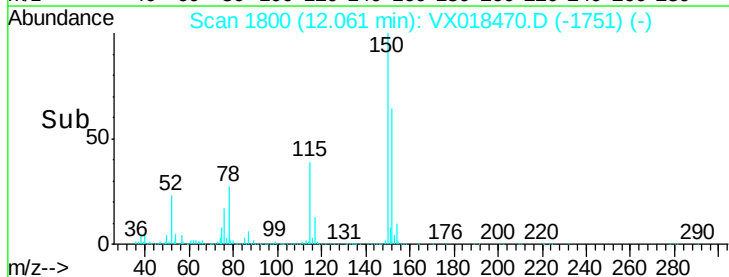


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



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

Time-->