

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018147.D
 Acq On : 31 Aug 2020 15:07
 Operator : JC/SP
 Sample : L3831-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5N-20200827

Quant Time: Sep 01 05:31:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	537286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	866557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	824866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	394257	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	372466	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
35) Dibromofluoromethane	5.46	113	297689	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
50) Toluene-d8	8.70	98	1082245	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.12	95	393000	45.44	ug/l	0.00
Spiked Amount			Recovery	=	90.88%	

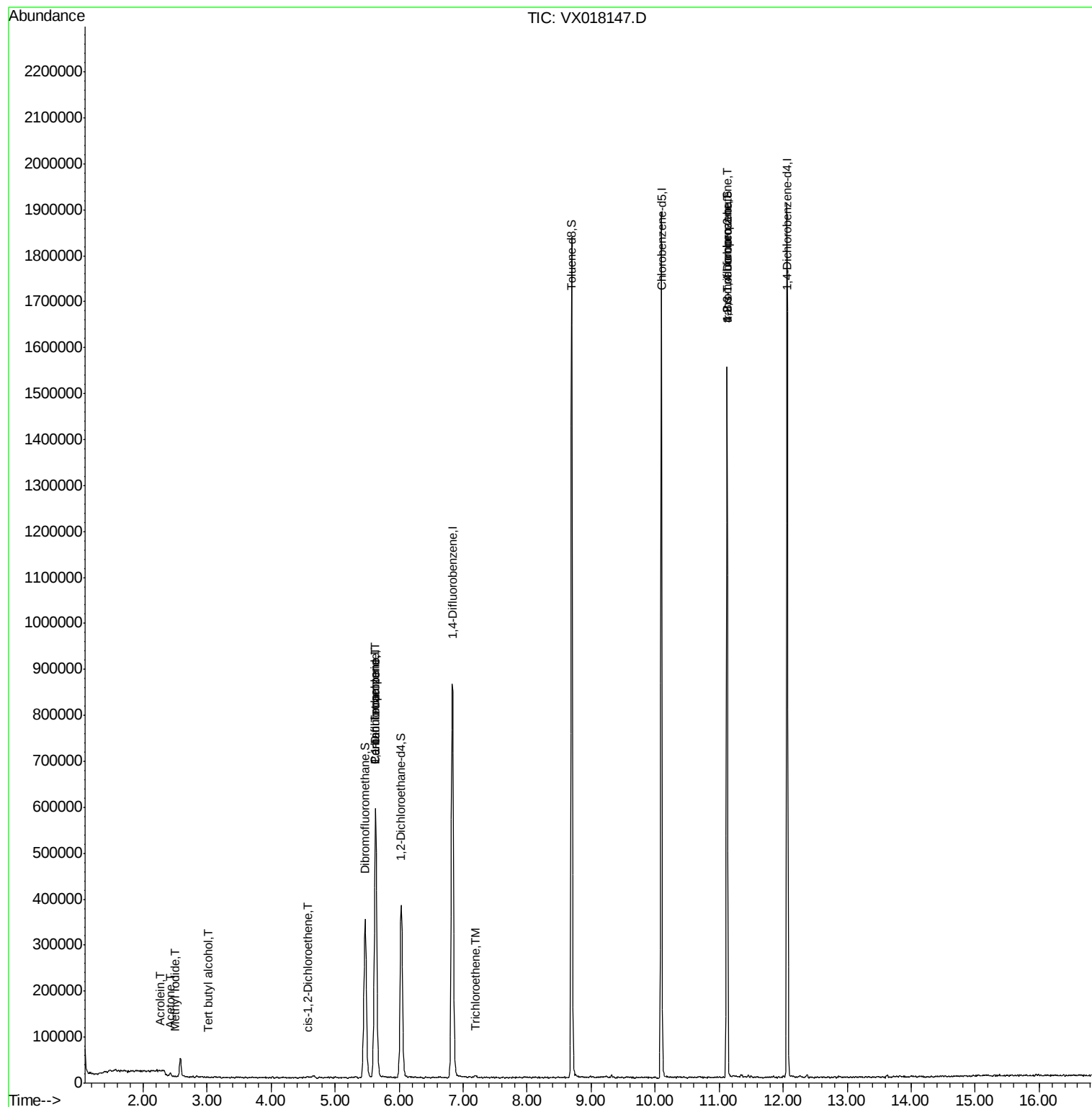
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	348	5.344	ug/l #	12
11) Tert butyl alcohol	3.02	59	582	0.401	ug/l #	71
13) Acrolein	2.27	56	702	1.167	ug/l #	14
16) Acetone	2.42	43	6522	2.244	ug/l	90
20) Methylene Chloride	2.83	84	1521	Below Cal	#	72
27) cis-1,2-Dichloroethene	4.56	96	1366	0.204	ug/l	54
36) 1,1-Dichloropropene	5.63	75	39624	4.958	ug/l #	53
38) Carbon Tetrachloride	5.62	117	56181	6.237	ug/l #	16
44) Trichloroethene	7.18	130	2495	0.376	ug/l	38
76) 1,2,3-Trichloropropane	11.12	75	199427	22.739	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	199427	61.413	ug/l #	12

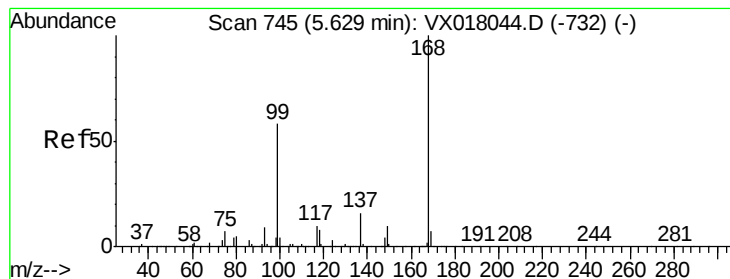
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX083120\
Data File : VX018147.D
Acq On : 31 Aug 2020 15:07
Operator : JC/SP
Sample : L3831-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20200827

Quant Time: Sep 01 05:31:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018147.D

Acq: 31 Aug 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

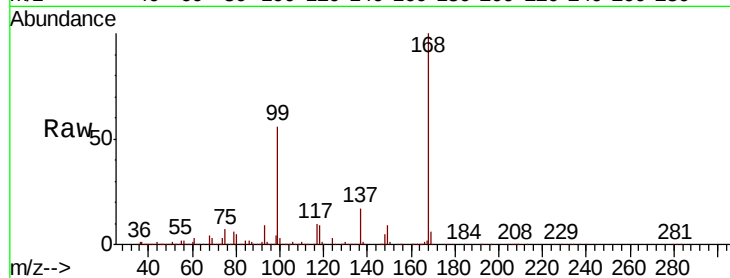
MH-118.5N-20200827

Tot Ion:168 Resp: 537286

Ion Ratio Lower Upper

168 100

99 56.1 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

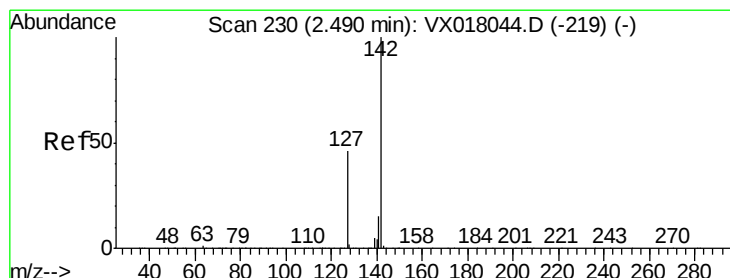
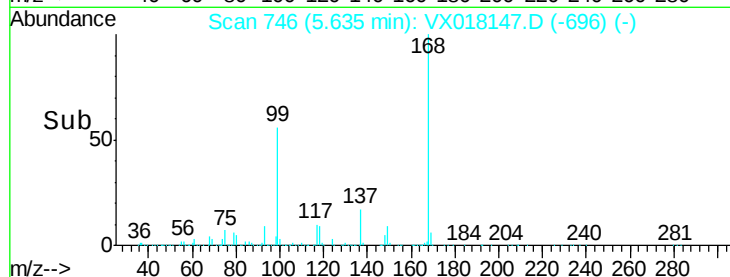
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 5.344 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX018147.D

Acq: 31 Aug 2020 15:07

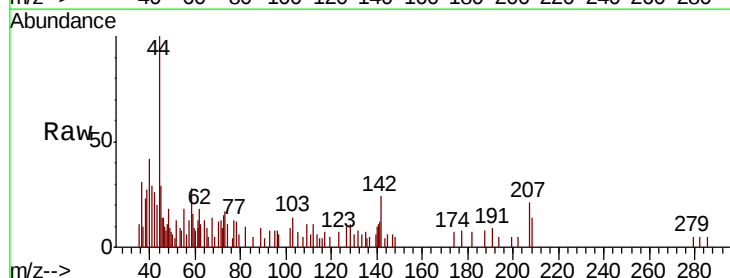
Tgt Ion:142 Resp: 348

Ion Ratio Lower Upper

142 100

127 106.6 37.0 55.6#

141 47.4 11.5 17.3#



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

500

400

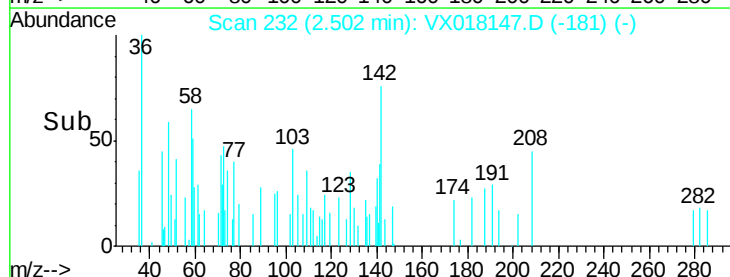
300

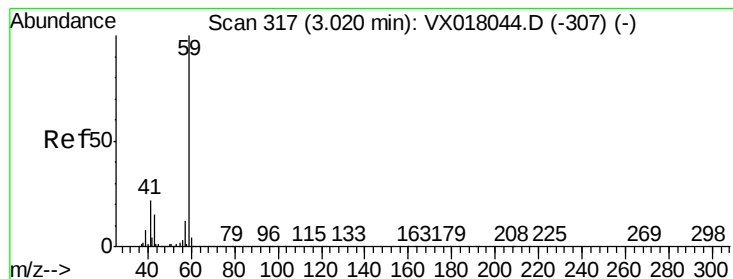
200

100

0

Time-->



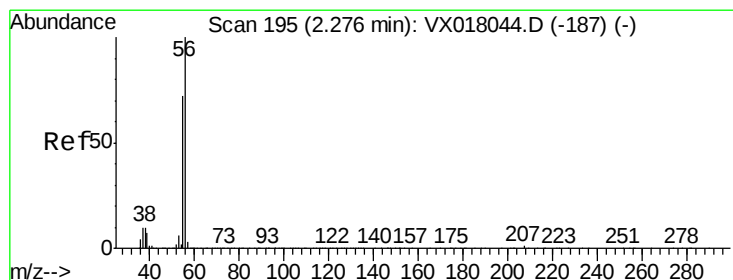
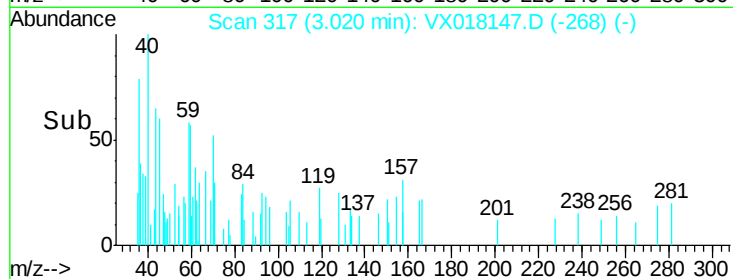
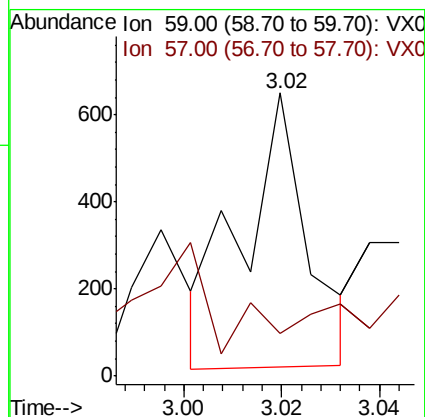
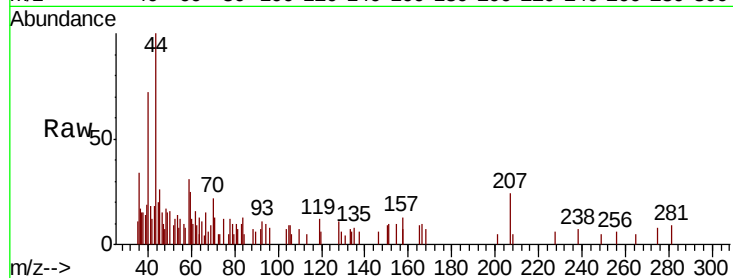


#11

Tert butvl alcohol
Concen: 0.401 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20200827

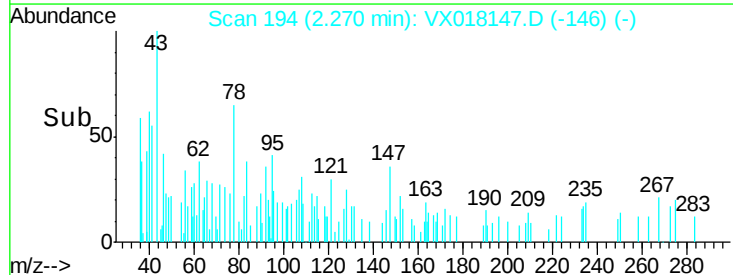
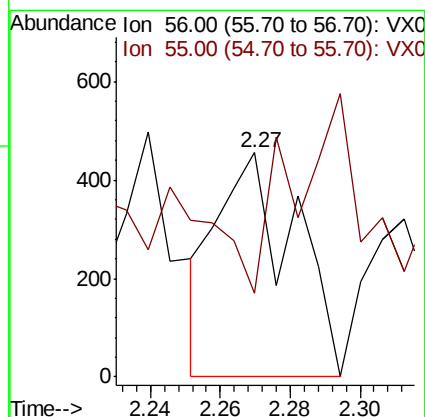
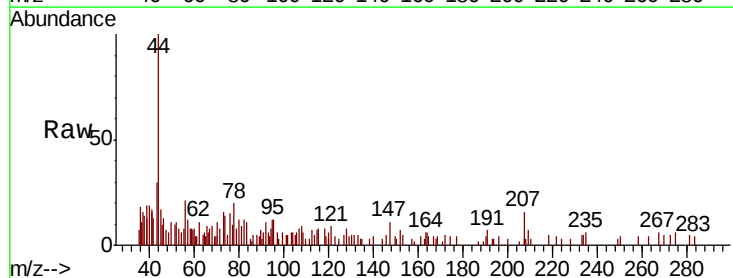
Tot Ion: 59 Resp: 582
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

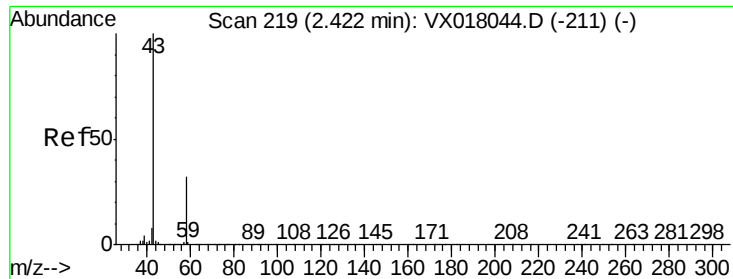


#13

Acrolein
Concen: 1.167 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

Tgt Ion: 56 Resp: 702
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.6#

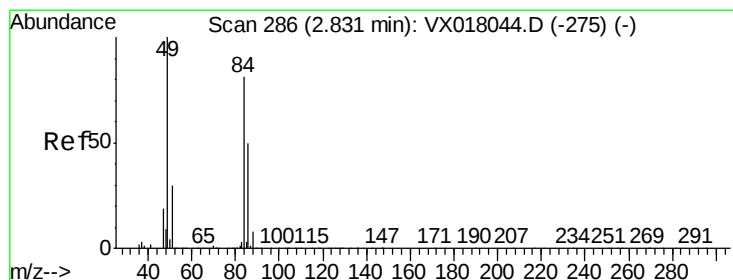
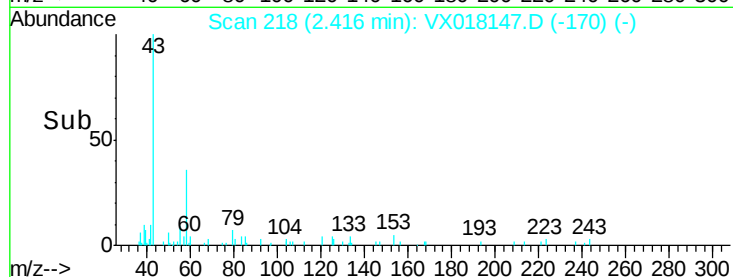
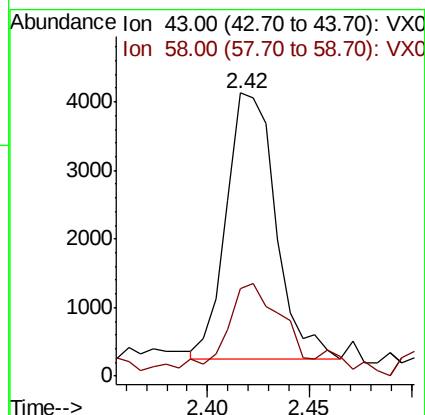
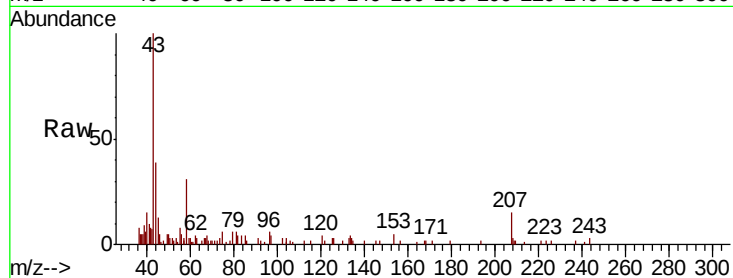




#16
Acetone
Concen: 2.244 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

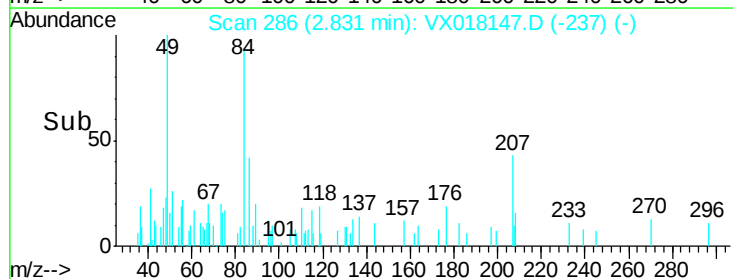
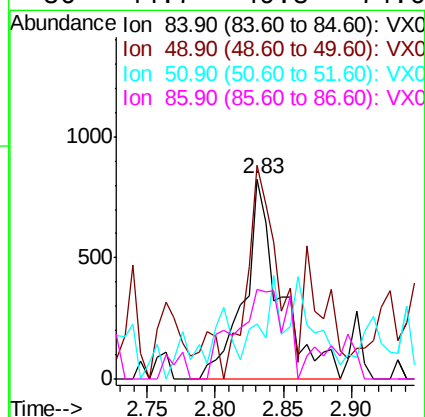
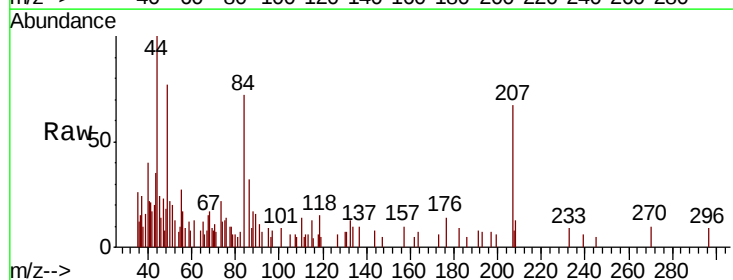
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20200827

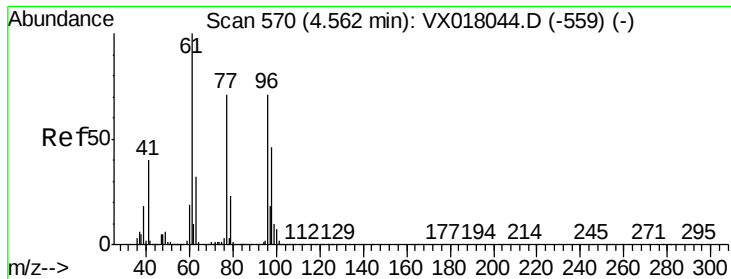
Tot Ion: 43 Resp: 6522
Ion Ratio Lower Upper
43 100
58 26.4 25.5 38.3



#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

Tgt Ion: 84 Resp: 1521
Ion Ratio Lower Upper
84 100
49 95.4 98.6 148.0#
51 8.4 29.6 44.4#
86 44.7 49.8 74.6#



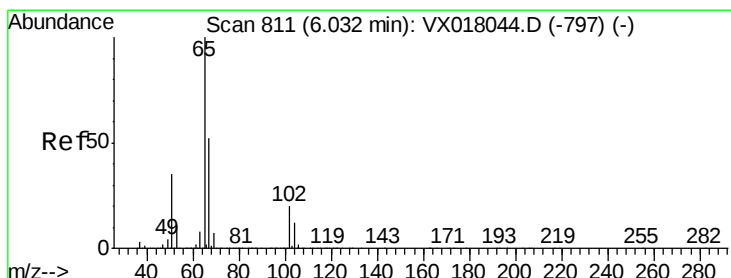
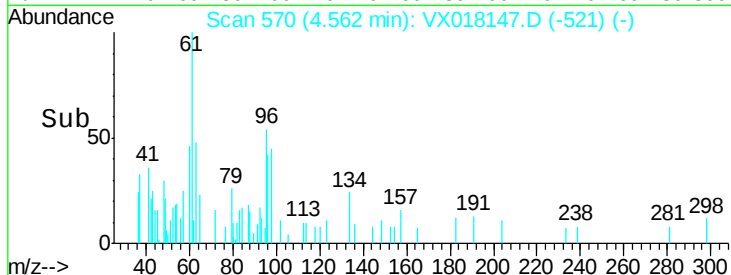
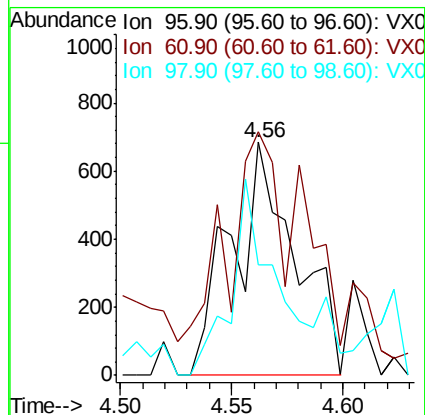
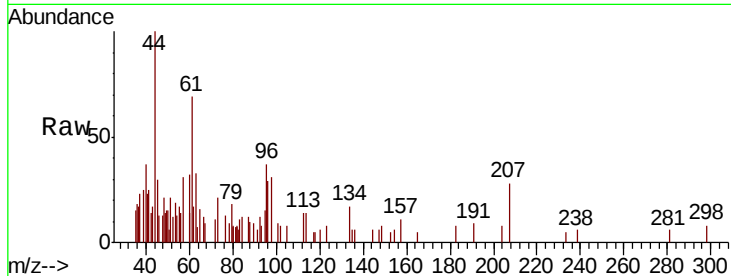


#27

cis-1,2-Dichloroethene
Concen: 0.204 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20200827

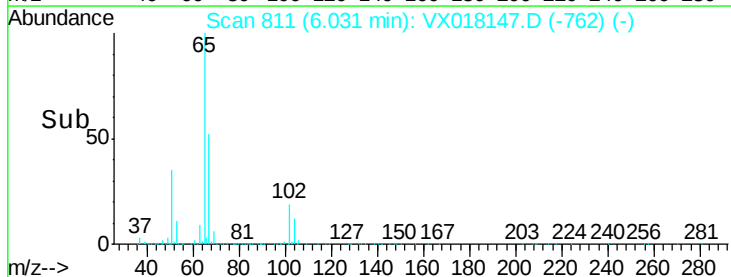
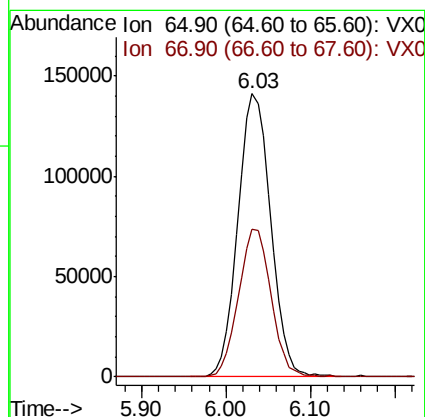
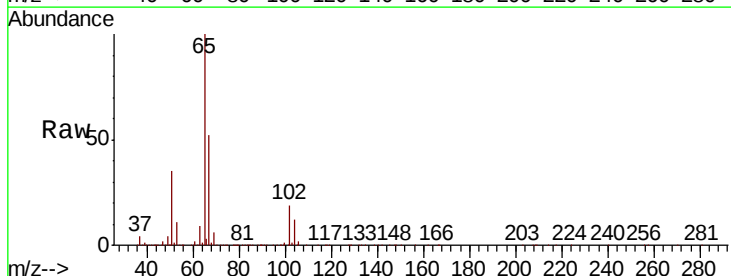
Tot Ion: 96 Resp: 1366
Ion Ratio Lower Upper
96 100
61 66.2 0.0 296.6
98 67.7 0.0 130.2

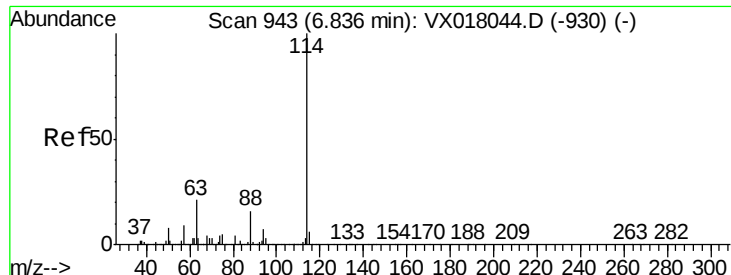


#33

1,2-Dichloroethane-d4
Concen: 49.936 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

Tgt Ion: 65 Resp: 372466
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018147.D

Acq: 31 Aug 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

MH-118.5N-20200827

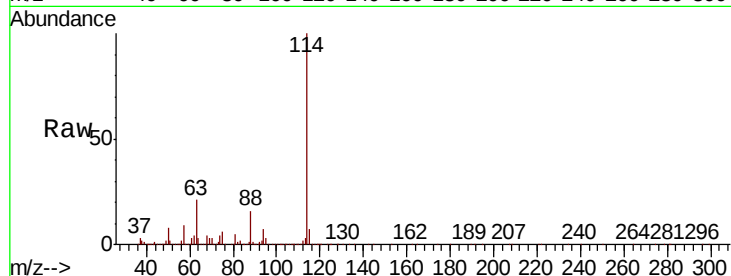
Tot Ion:114 Resp: 866557

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

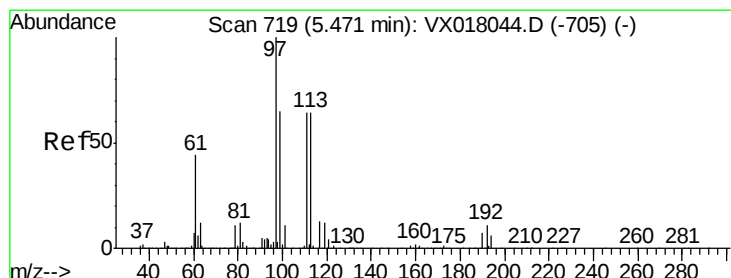
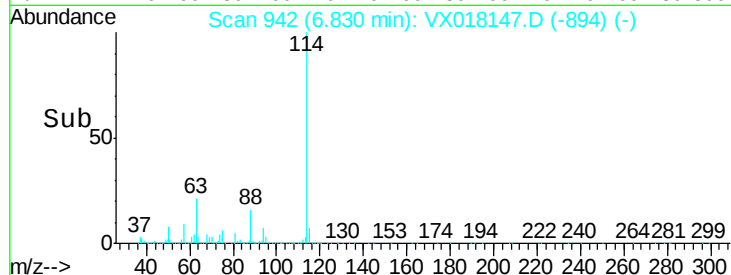
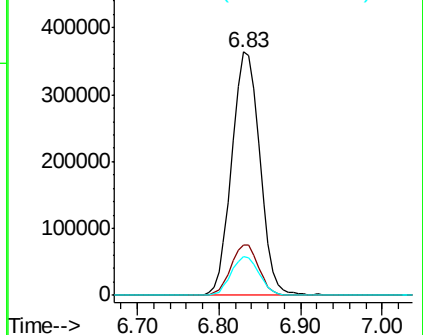
88 16.0 0.0 31.8



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: 50.441 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018147.D

Acq: 31 Aug 2020 15:07

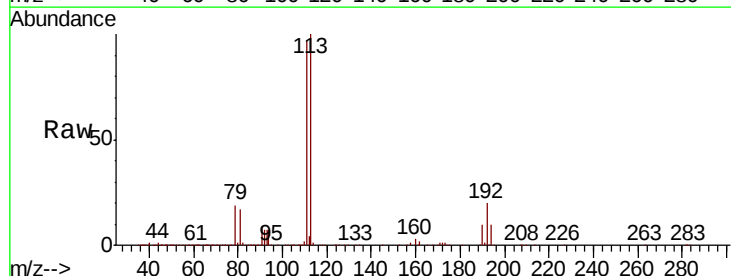
Tgt Ion:113 Resp: 297689

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

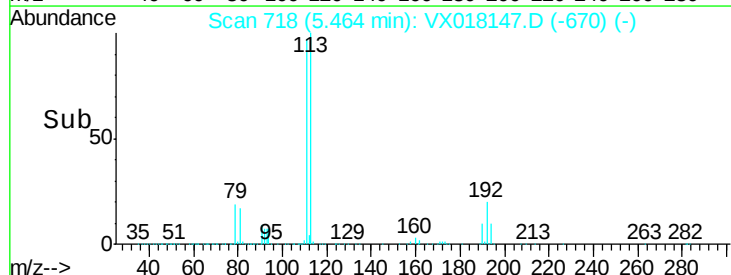
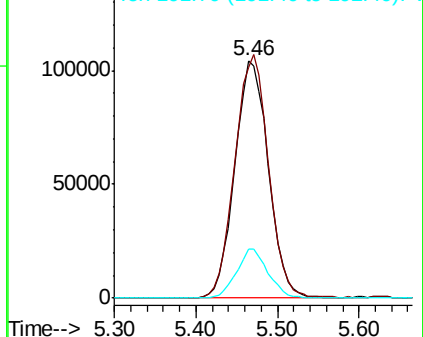
192 19.4 15.8 23.8

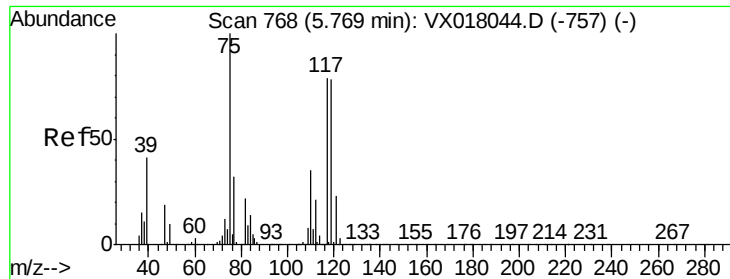


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

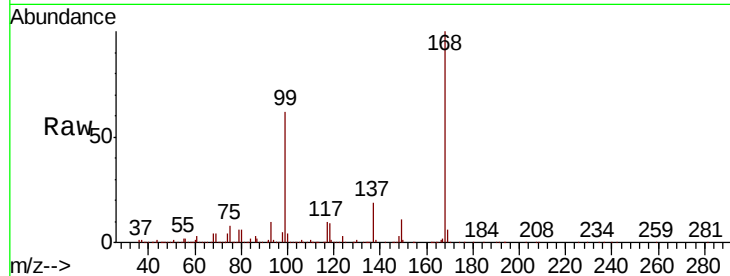




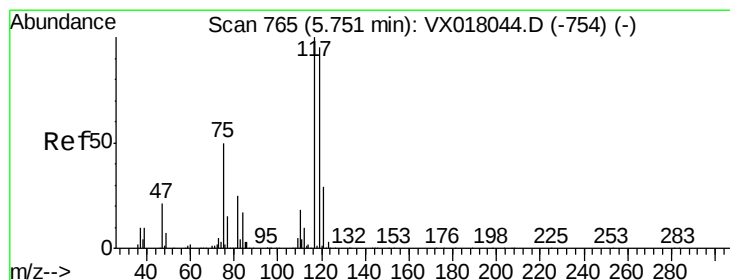
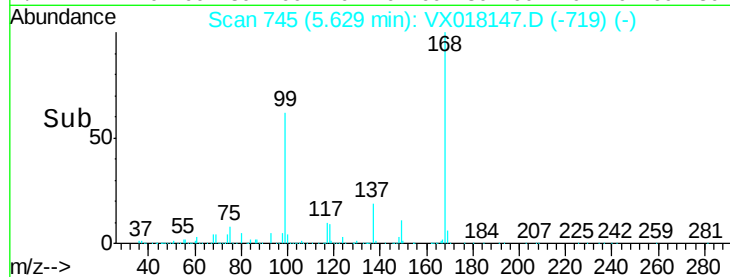
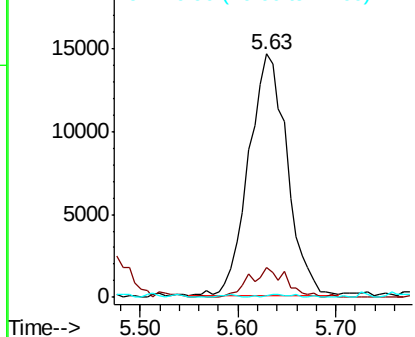
#36
 1,1-Dichloropropene
 Concen: 4.958 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX018147.D
 Acq: 31 Aug 2020 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5N-20200827

Tot Ion	Ratio	Lower	Upper
75	100		
110	11.8	18.0	54.0#
77	0.7	24.4	36.6#

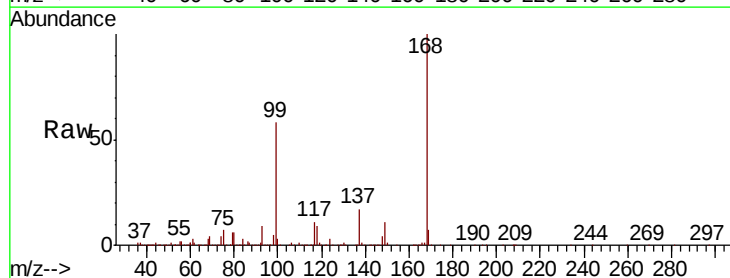


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

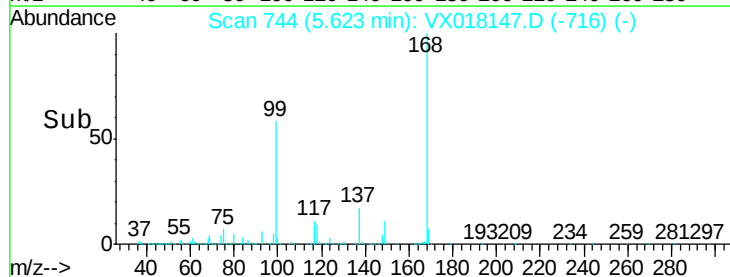
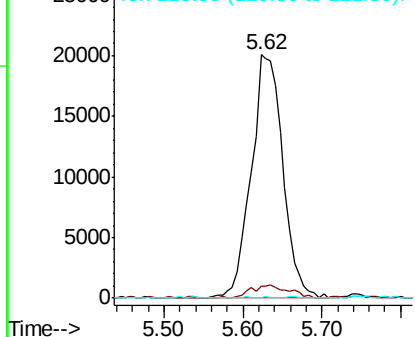


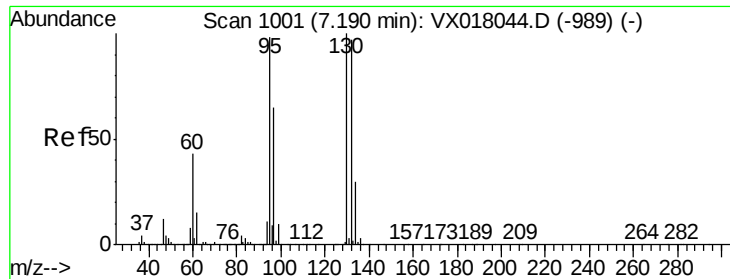
#38
 Carbon Tetrachloride
 Concen: 6.237 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.13 min
 Lab File: VX018147.D
 Acq: 31 Aug 2020 15:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.8	113.6#
121	0.3	23.4	35.0#



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





#44

Trichloroethene

Concen: 0.376 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018147.D

Acq: 31 Aug 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

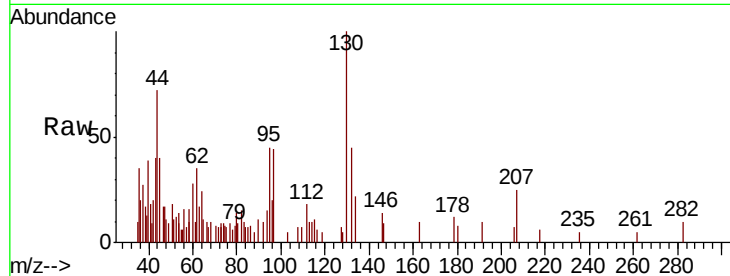
MH-118.5N-20200827

Tot Ion:130 Resp: 2495

Ion Ratio Lower Upper

130 100

95 37.1 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.18

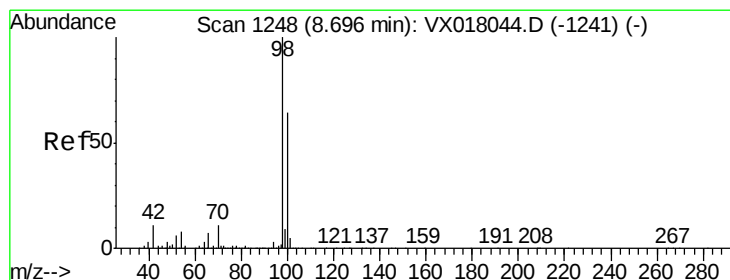
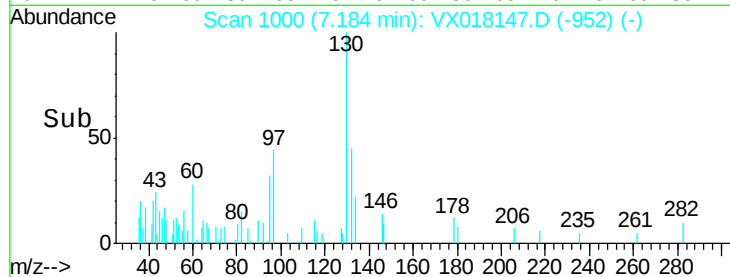
1000

500

0

Time-->

7.10 7.15 7.20 7.25



#50

Toluene-d8

Concen: 49.235 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018147.D

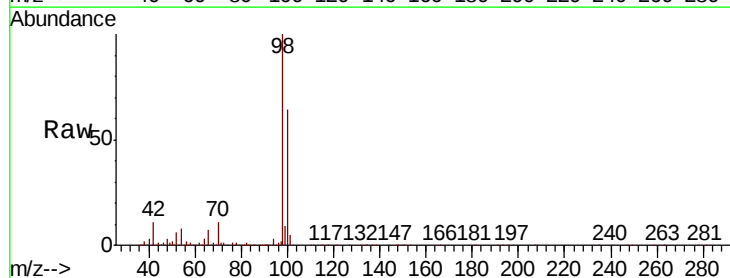
Acq: 31 Aug 2020 15:07

Tgt Ion: 98 Resp: 1082245

Ion Ratio Lower Upper

98 100

100 63.1 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

800000

600000

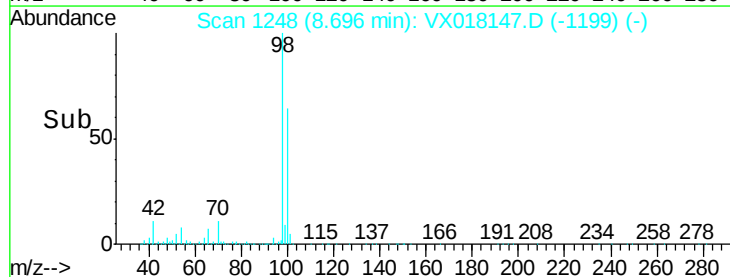
400000

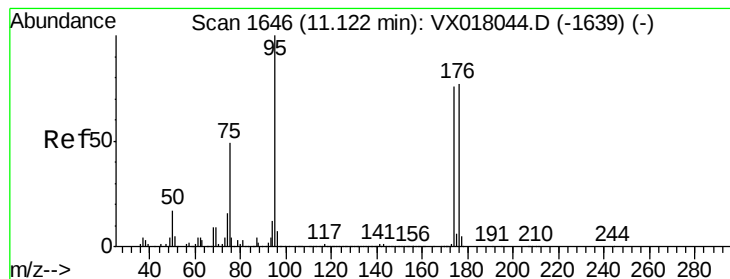
200000

0

Time-->

8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 45.443 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018147.D

Acq: 31 Aug 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

MH-118.5N-20200827

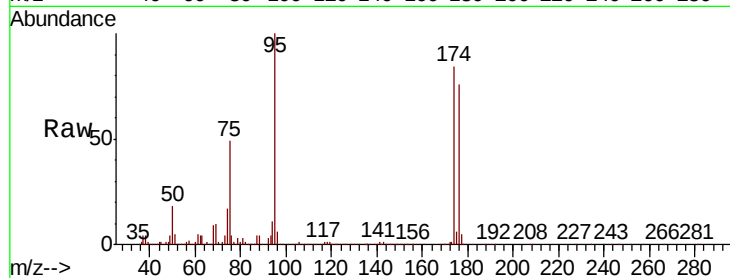
Tot Ion: 95 Resp: 393000

Ion Ratio Lower Upper

95 100

174 81.0 0.0 160.2

176 75.0 0.0 155.8

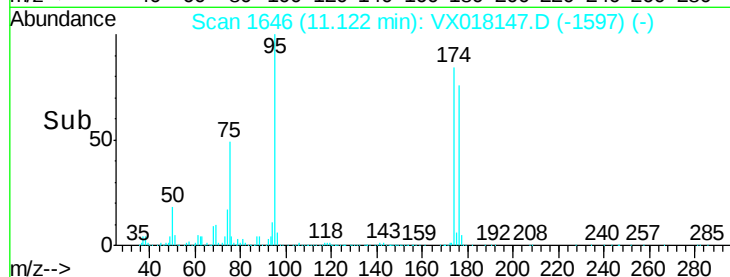


Abundance Ion 94.90 (94.60 to 95.60): VX0

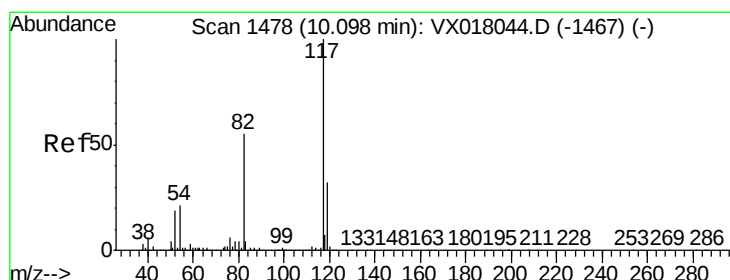
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

Time--> 11.00 11.10 11.20



Time--> 11.00 11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018147.D

Acq: 31 Aug 2020 15:07

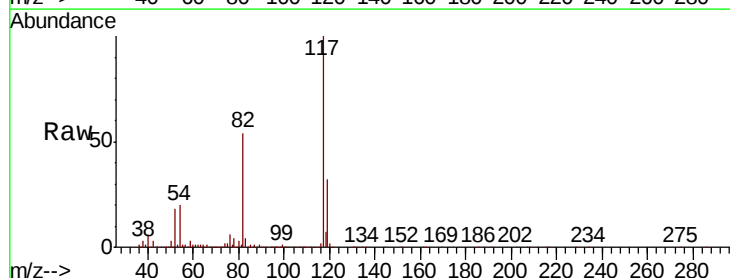
Tgt Ion: 117 Resp: 824866

Ion Ratio Lower Upper

117 100

82 53.6 44.2 66.2

119 32.3 25.7 38.5

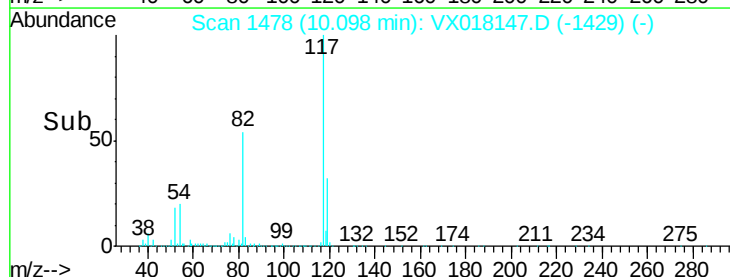


Abundance Ion 116.90 (116.60 to 117.60): V

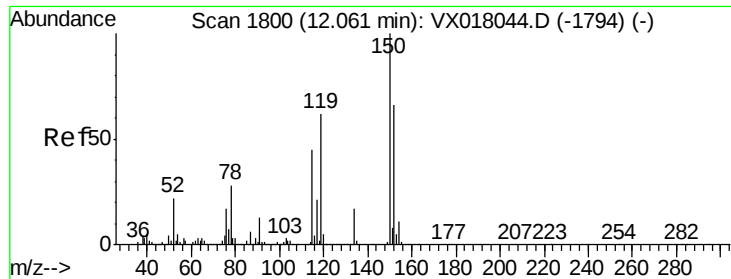
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

Time--> 10.00 10.10 10.20



Time--> 10.00 10.10 10.20



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018147.D

Acq: 31 Aug 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

MH-118.5N-20200827

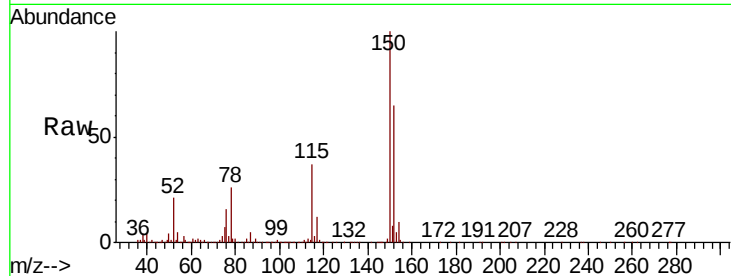
Tot Ion:152 Resp: 394257

Ion Ratio Lower Upper

152 100

115 57.7 41.5 124.5

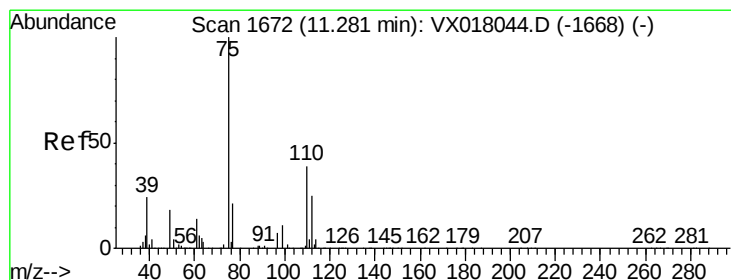
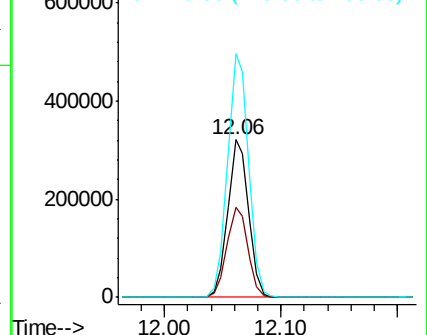
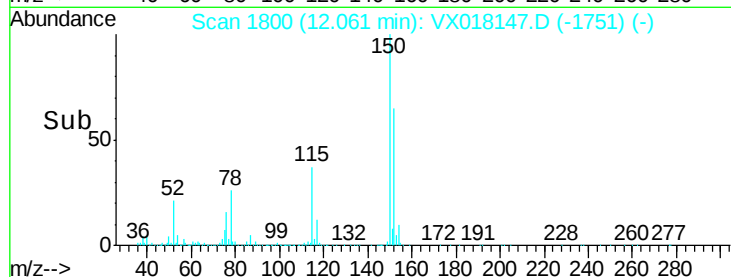
150 156.6 0.0 343.8



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: 22.739 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018147.D

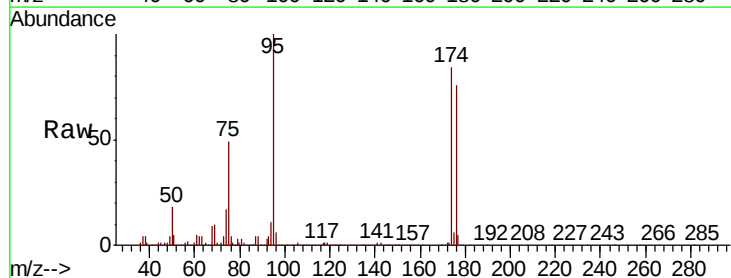
Acq: 31 Aug 2020 15:07

Tgt Ion: 75 Resp: 199427

Ion Ratio Lower Upper

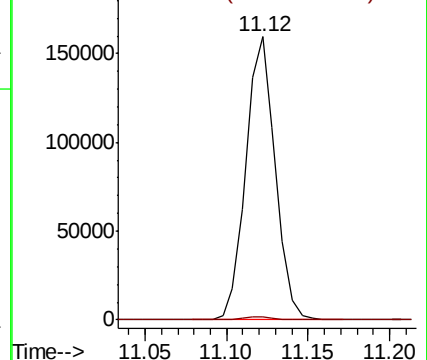
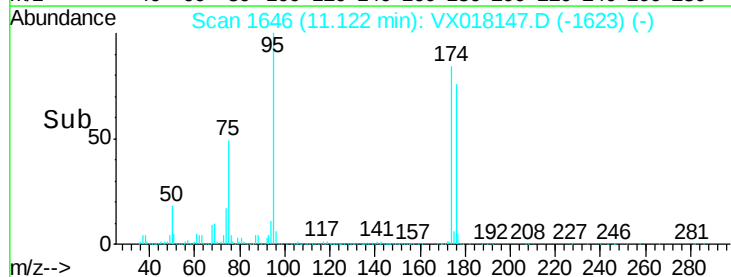
75 100

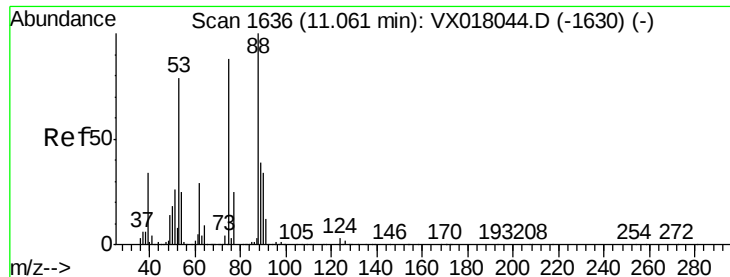
77 1.3 20.8 62.2#



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: 61.413 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018147.D

Acq: 31 Aug 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

MH-118.5N-20200827

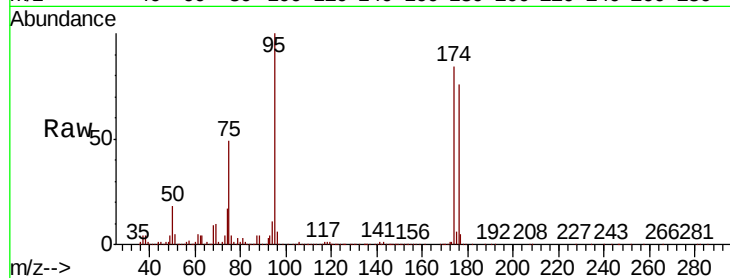
Tot Ion: 75 Resp: 199427

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.2 36.6 54.8#



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

