

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
 Data File : VX018449.D
 Acq On : 16 Sep 2020 18:44
 Operator : JC/SP
 Sample : L4021-03 20X
 Misc : 9.93µL/5mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B15-1-3

Quant Time: Sep 17 04:24:18 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	472930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	764241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	731681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	373266	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	340201	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	5.47	113	267170	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	8.70	98	915509	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
62) 4-Bromofluorobenzene	11.12	95	362506	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	

Target Compounds

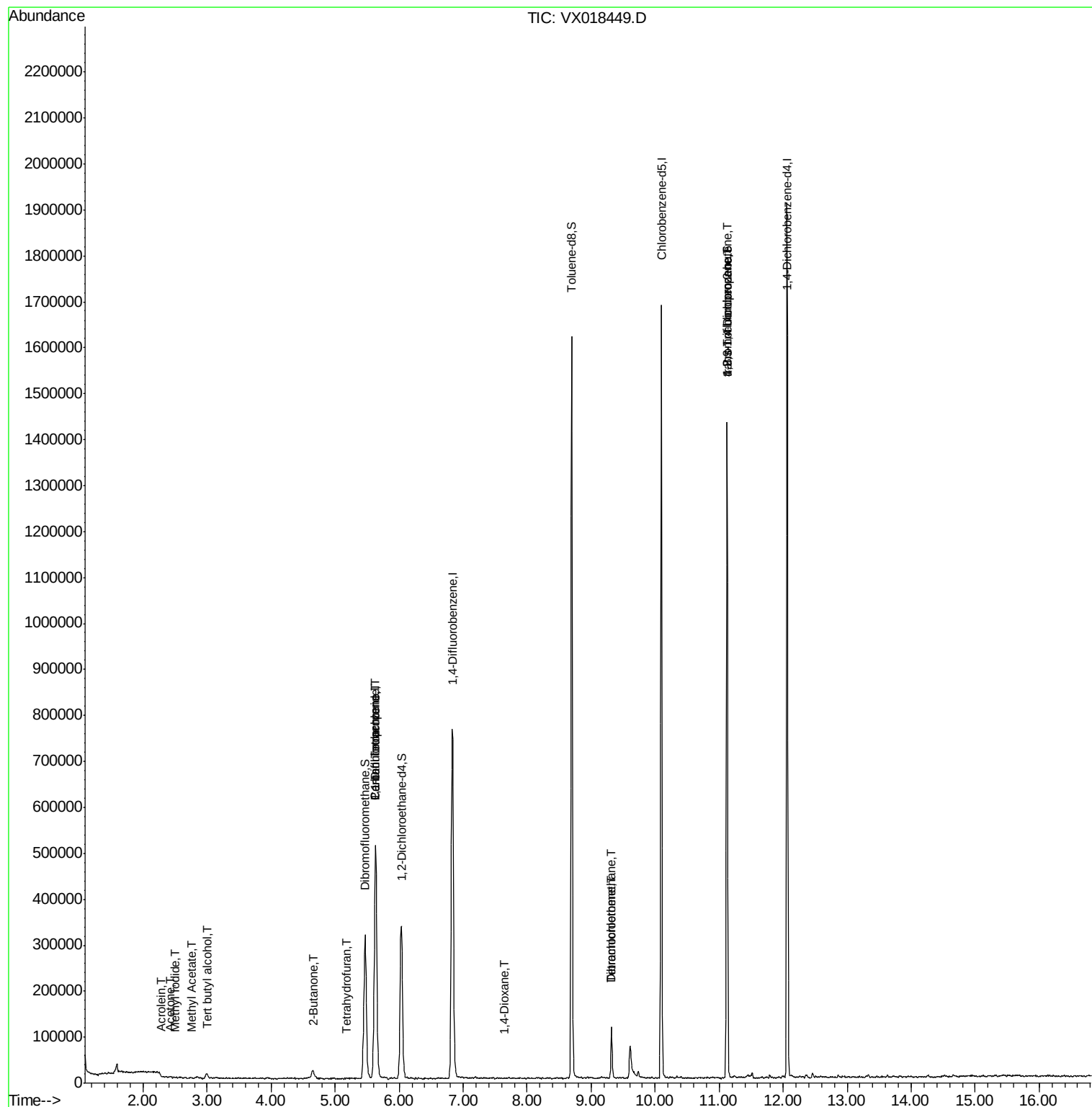
						Qvalue
10) Methyl Iodide	2.49	142	322	5.347	ug/l #	59
11) Tert butyl alcohol	3.00	59	6412	5.023	ug/l #	88
13) Acrolein	2.29	56	439	0.829	ug/l	86
16) Acetone	2.42	43	3261	1.275	ug/l #	77
18) Methyl Acetate	2.75	43	1631	0.264	ug/l	94
20) Methylene Chloride	2.83	84	1935	Below Cal	#	77
25) 2-Butanone	4.66	43	1270	0.302	ug/l	94
29) Tetrahydrofuran	5.18	42	545	0.204	ug/l	96
36) 1,1-Dichloropropene	5.63	75	36183	5.133	ug/l #	51
38) Carbon Tetrachloride	5.62	117	49529	6.235	ug/l #	17
49) 1,4-Dioxane	7.63	88	321	2.692	ug/l	94
60) Dibromochloromethane	9.32	129	20689	3.149	ug/l #	11
64) Tetrachloroethene	9.32	164	20395	3.793	ug/l	97
76) 1,2,3-Trichloropropane	11.12	75	187006	22.521	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	187006	60.827	ug/l #	12

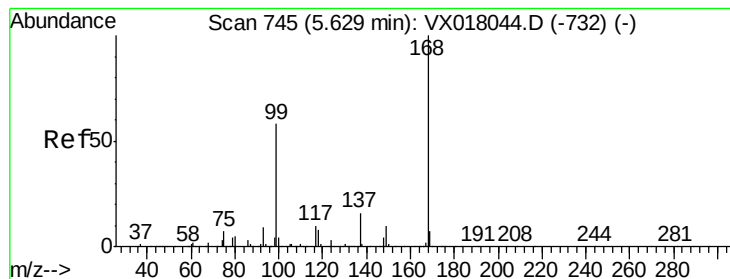
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091620\
Data File : VX018449.D
Acq On : 16 Sep 2020 18:44
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Instrument :
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ClientSampled :
B15-1-3

Quant Time: Sep 17 04:24:18 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: VX018449.D

Acq: 16 Sep 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

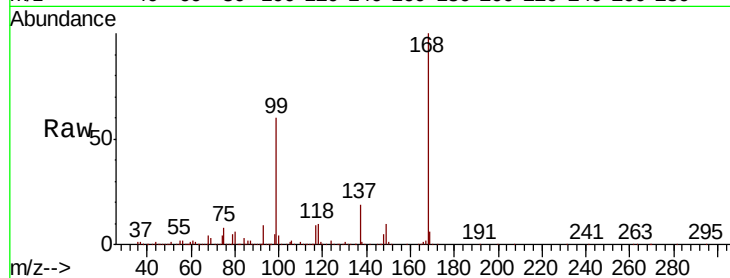
B15-1-3

Tot Ion:168 Resp: 472930

Ion Ratio Lower Upper

168 100

99 60.3 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

150000

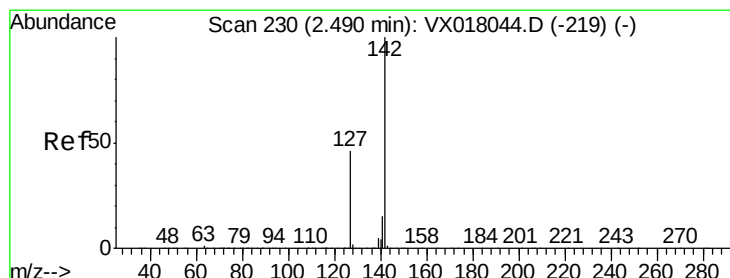
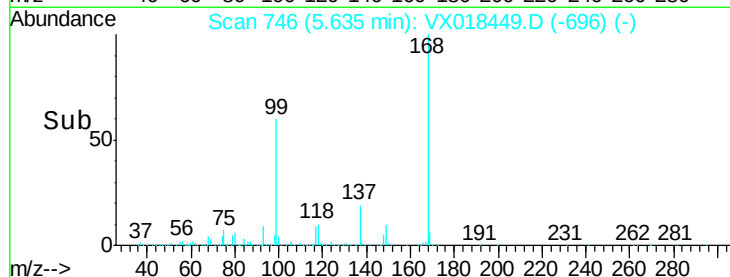
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 5.347 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018449.D

Acq: 16 Sep 2020 18:44

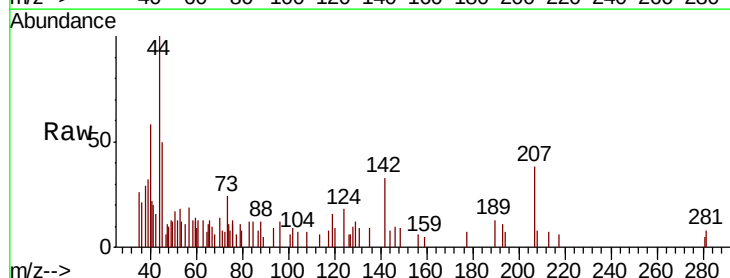
Tgt Ion:142 Resp: 322

Ion Ratio Lower Upper

142 100

127 18.3 37.0 55.6#

141 0.0 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

2.49

400

300

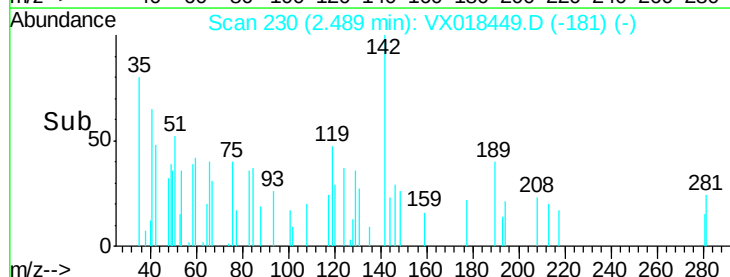
200

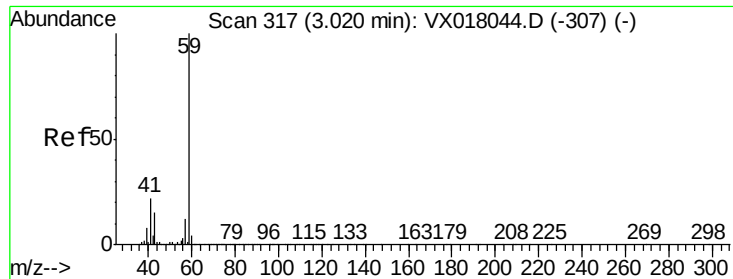
100

0

Time-->

2.46 2.48 2.50 2.52



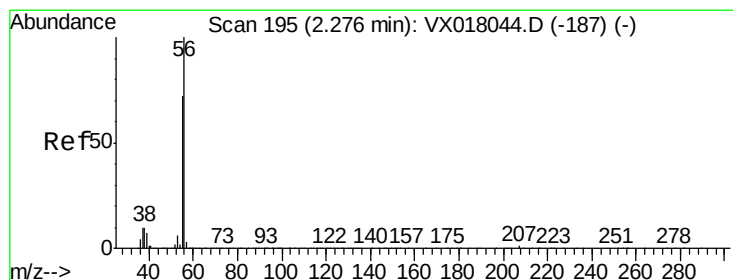
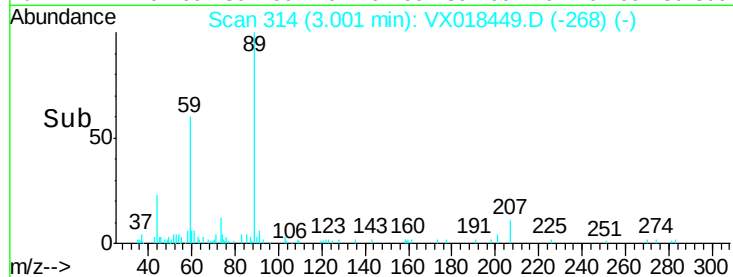
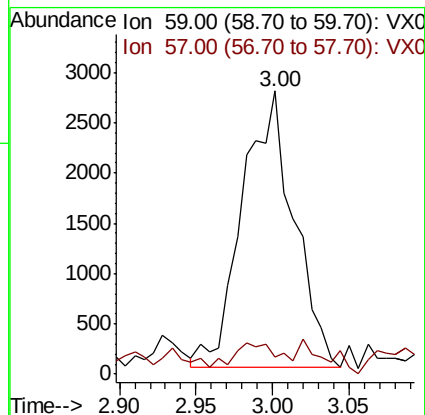
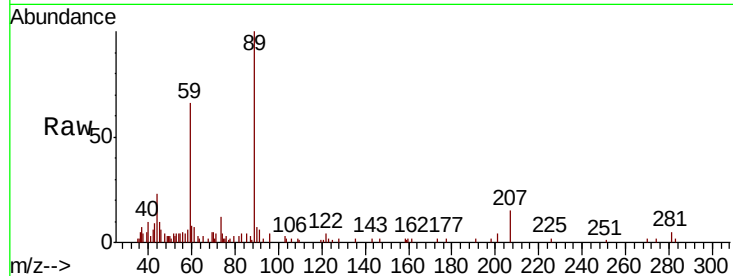


#11

Tert butyl alcohol
 Concen: 5.023 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.02 min
 Lab File: VX018449.D
 Acq: 16 Sep 2020 18:44

Instrument :
 MSVOA_X
 ClientSampled :
 B15-1-3

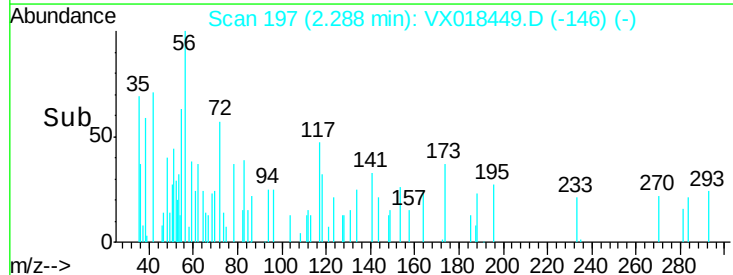
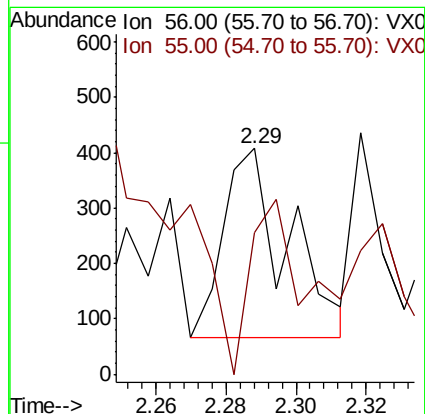
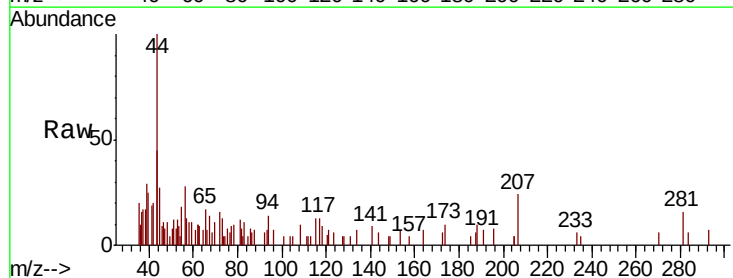
Tot Ion: 59 Resp: 6412
 Ion Ratio Lower Upper
 59 100
 57 6.6 8.9 13.3#

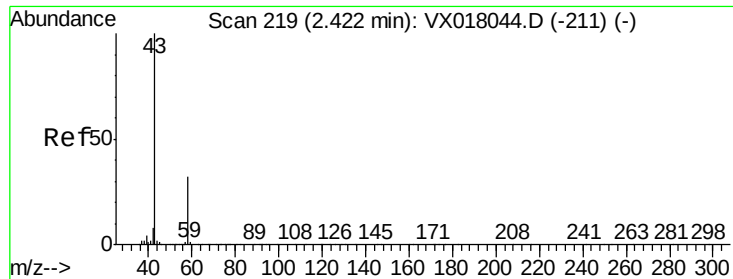


#13

Acrolein
 Concen: 0.829 ug/l
 RT: 2.29 min Scan# 197
 Delta R.T. 0.01 min
 Lab File: VX018449.D
 Acq: 16 Sep 2020 18:44

Tgt Ion: 56 Resp: 439
 Ion Ratio Lower Upper
 56 100
 55 83.1 57.0 85.6

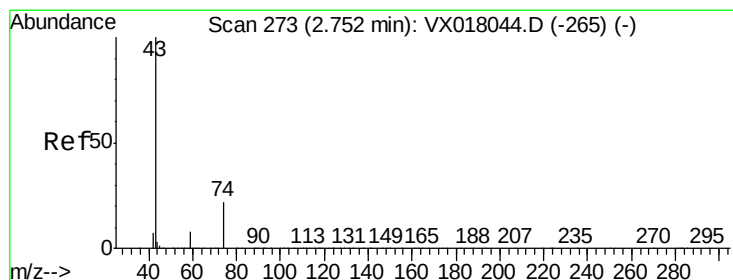
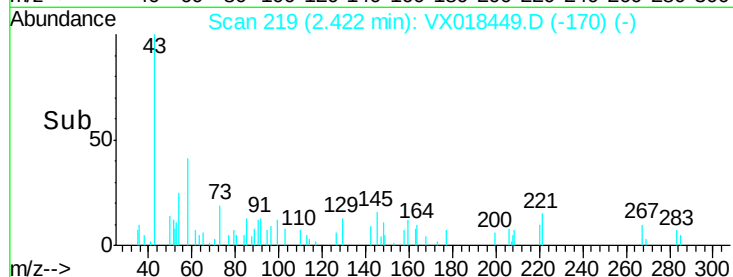
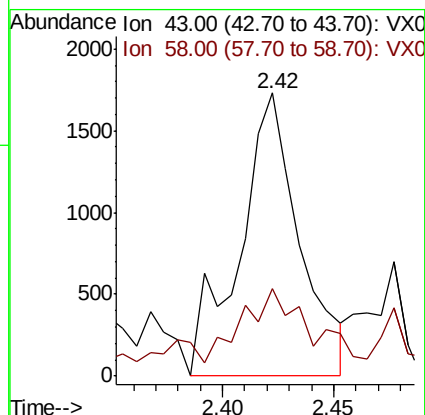
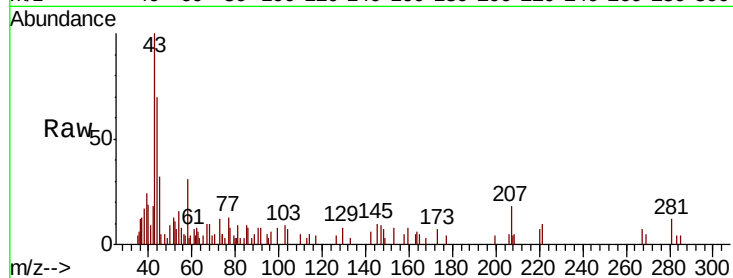




#16
Acetone
Concen: 1.275 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018449.D
Acq: 16 Sep 2020 18:44

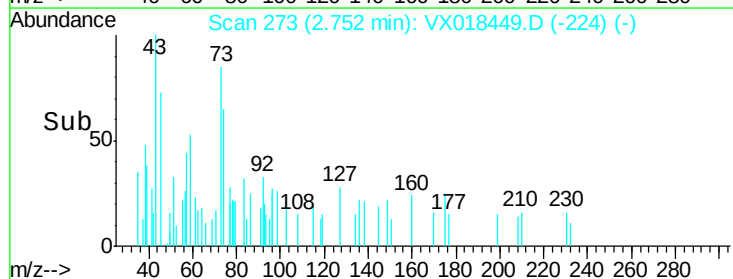
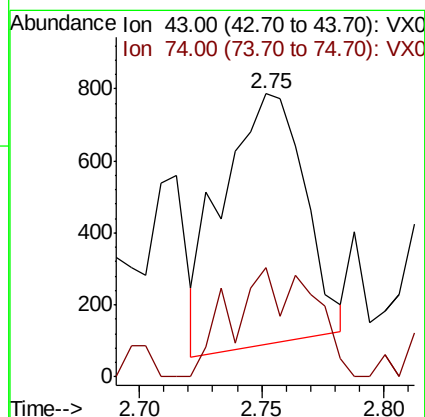
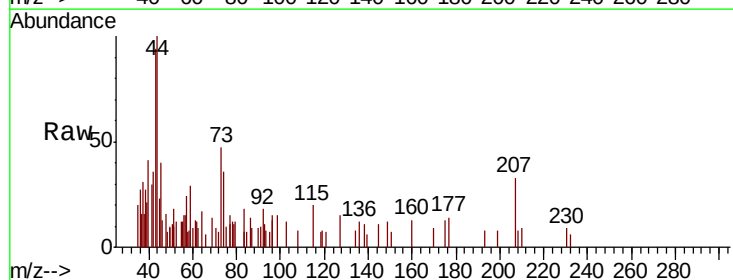
Instrument :
MSVOA_X
ClientSampled :
B15-1-3

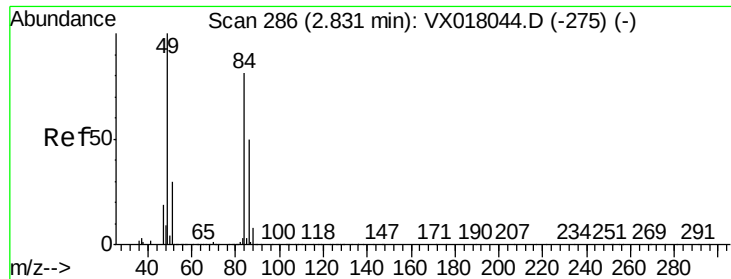
Tot Ion: 43 Resp: 3261
Ion Ratio Lower Upper
43 100
58 18.9 25.5 38.3#



#18
Methyl Acetate
Concen: 0.264 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018449.D
Acq: 16 Sep 2020 18:44

Tgt Ion: 43 Resp: 1631
Ion Ratio Lower Upper
43 100
74 25.6 18.2 27.4

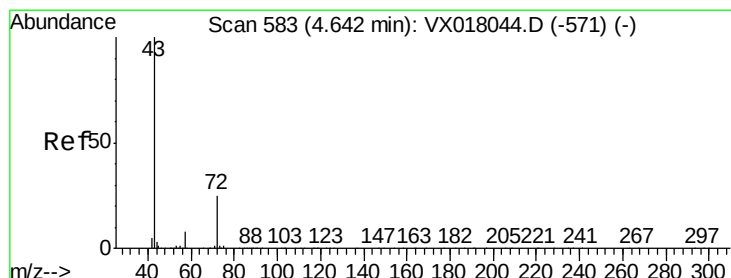
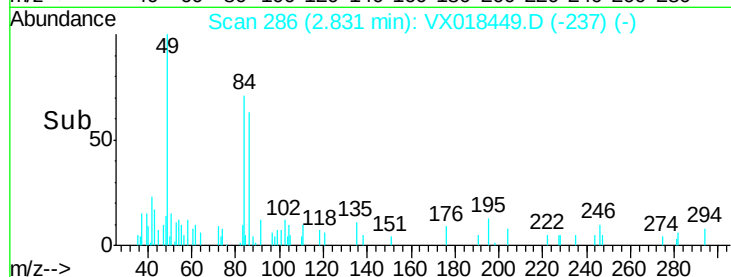
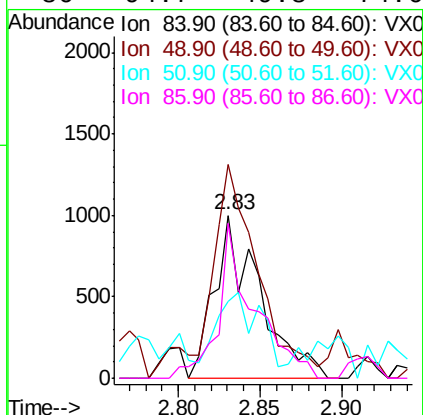
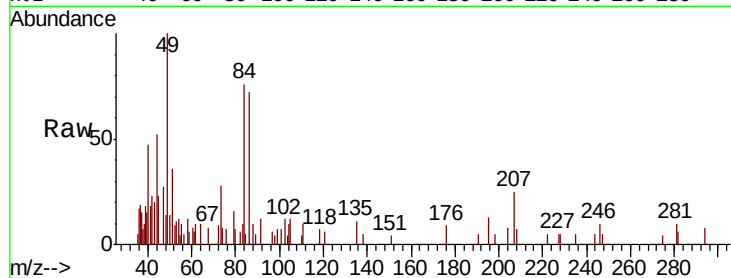




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018449.D
Acq: 16 Sep 2020 18:44

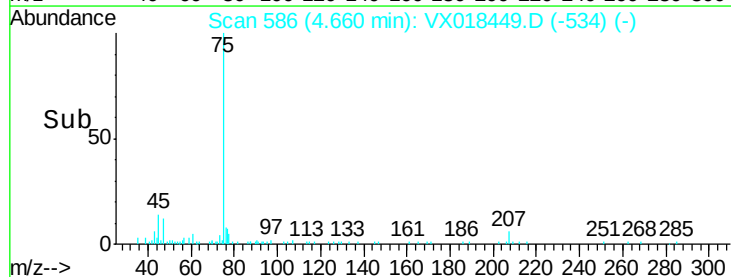
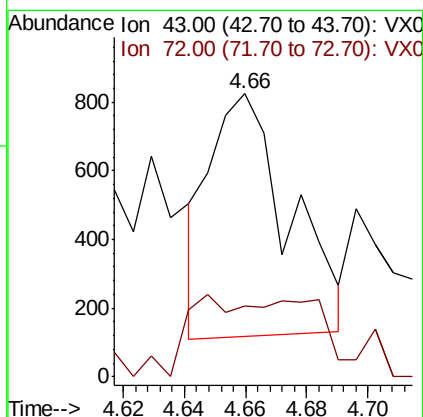
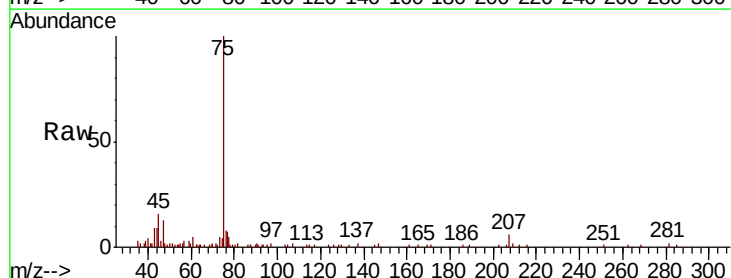
Instrument :
MSVOA_X
ClientSampleId :
B15-1-3

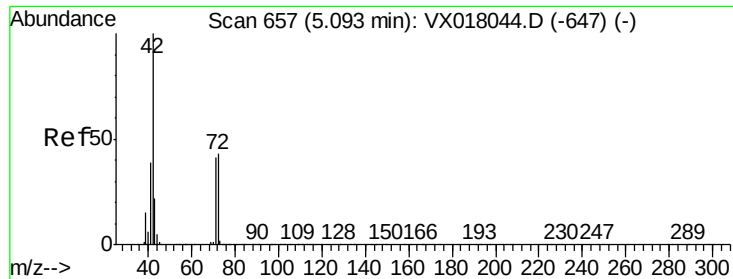
Tot Ion:	84	Resp:	1935
Ion	Ratio	Lower	Upper
84	100		
49	101.6	98.6	148.0
51	36.4	29.6	44.4
86	94.7	49.8	74.6#



#25
2-Butanone
Concen: 0.302 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX018449.D
Acq: 16 Sep 2020 18:44

Tgt Ion:	43	Resp:	1270
Ion	Ratio	Lower	Upper
43	100		
72	27.7	19.8	29.6

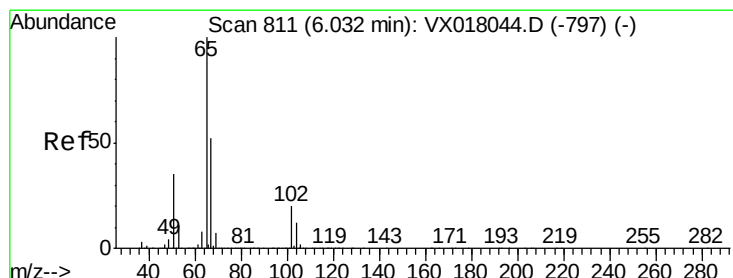
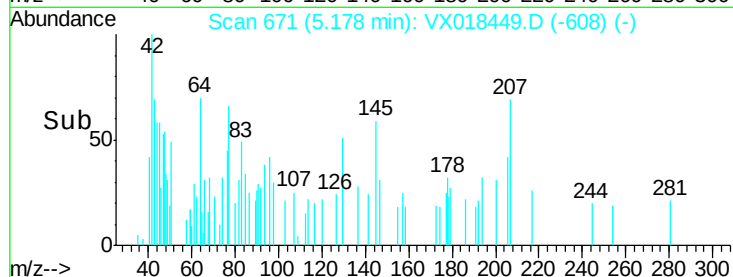
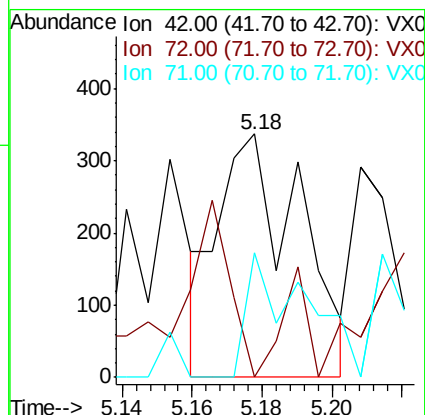
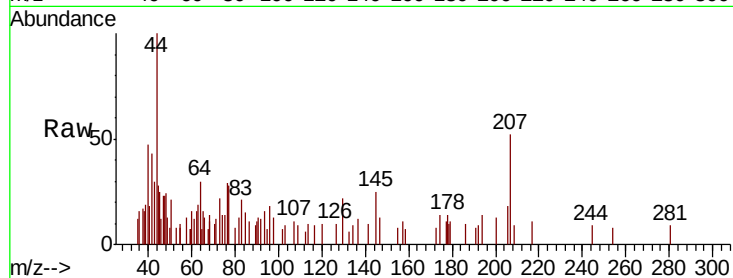




#29
Tetrahydrofuran
Concen: 0.204 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.09 min
Lab File: VX018449.D
Acq: 16 Sep 2020 18:44

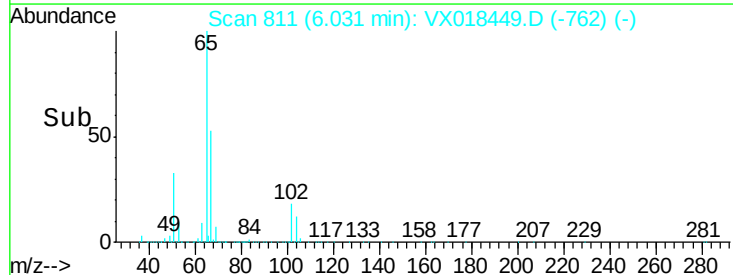
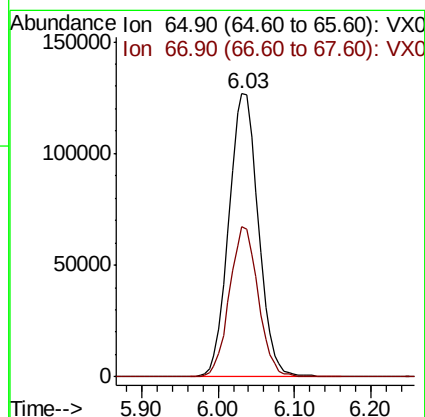
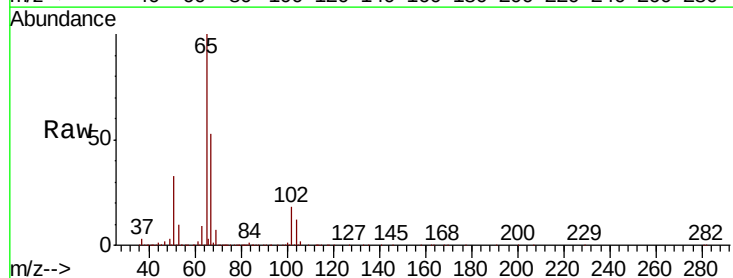
Instrument :
MSVOA_X
ClientSampled :
B15-1-3

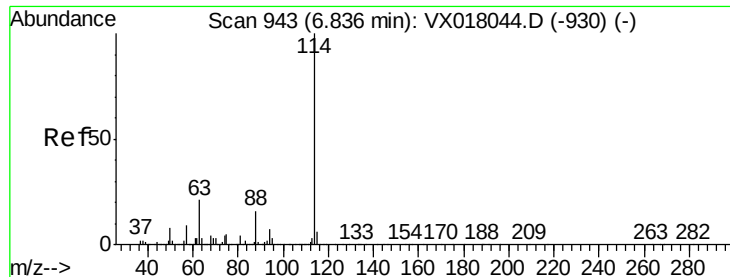
Tot Ion: 42 Resp: 545
Ion Ratio Lower Upper
42 100
72 40.9 34.2 51.4
71 36.9 32.1 48.1



#33
1,2-Dichloroethane-d4
Concen: 51.817 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018449.D
Acq: 16 Sep 2020 18:44

Tgt Ion: 65 Resp: 340201
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.8

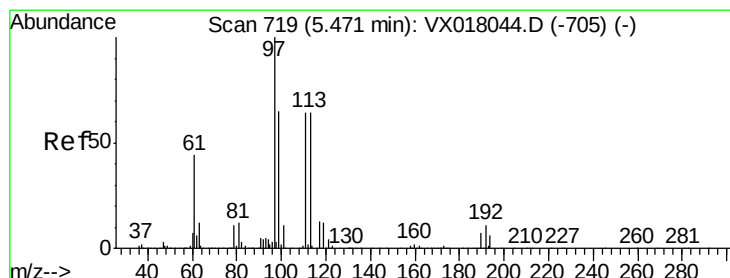
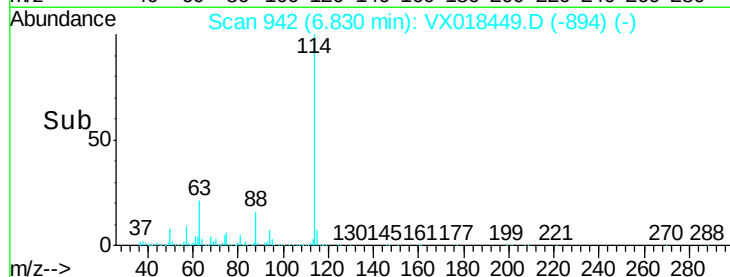
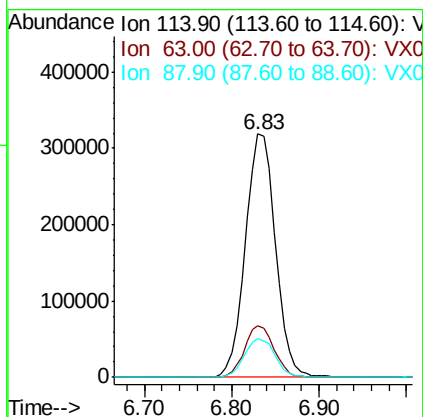
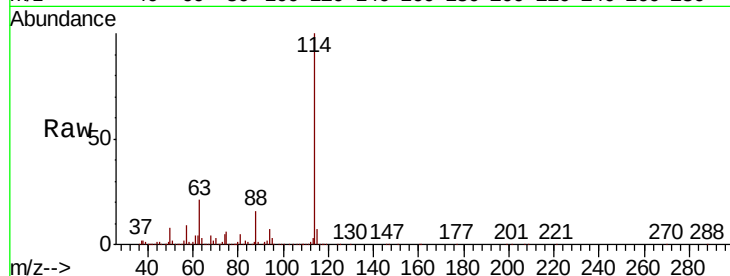




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: VX018449.D
Acq: 16 Sep 2020 18:44

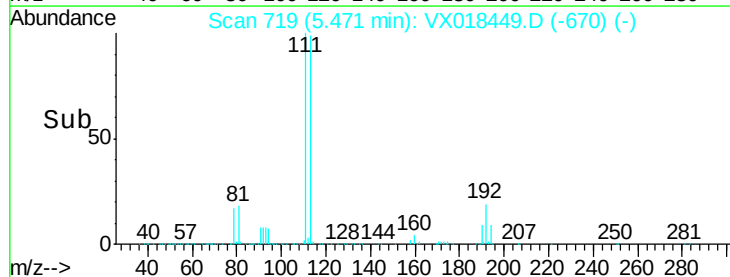
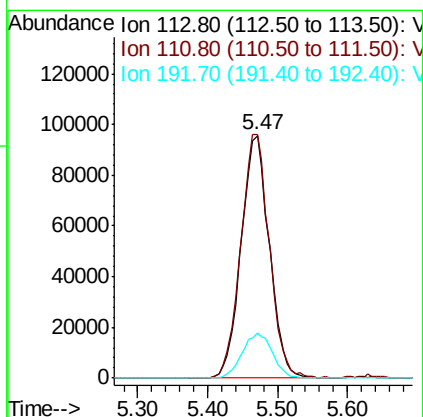
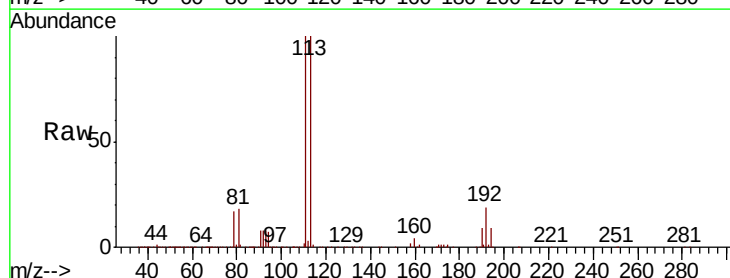
Instrument :
MSVOA_X
ClientSampleId :
B15-1-3

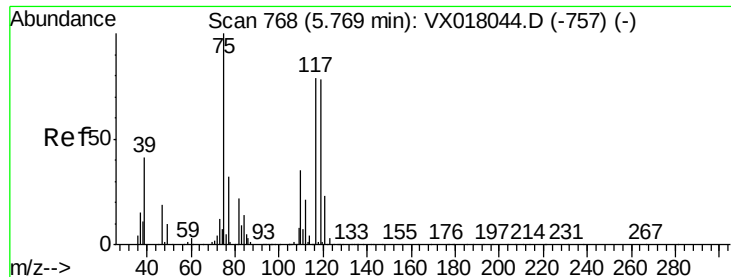
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.6
88	16.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 51.331 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX018449.D
Acq: 16 Sep 2020 18:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.6	122.4
192	19.7	15.8	23.8

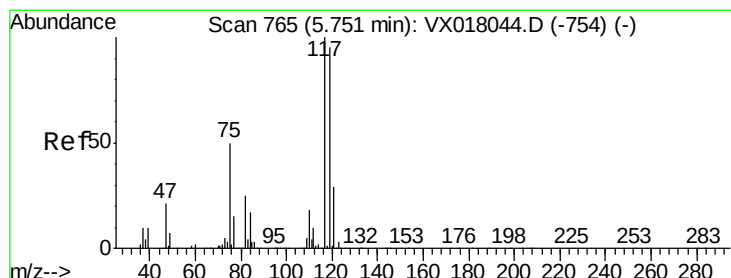
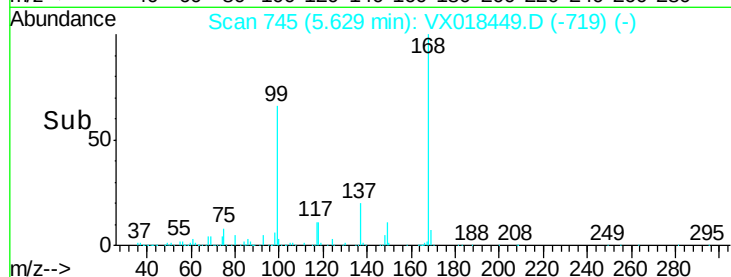
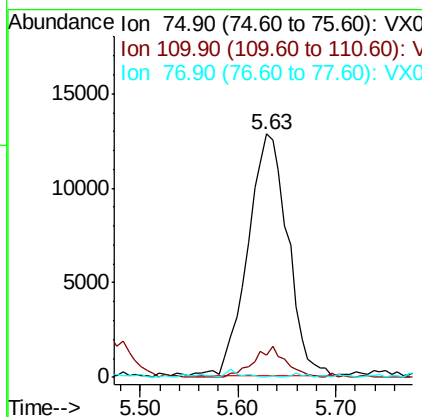
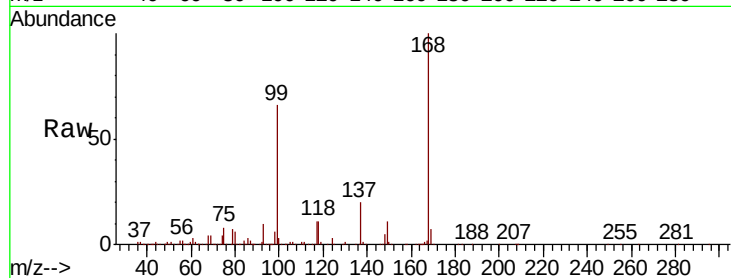




#36
 1,1-Dichloropropene
 Concen: 5.133 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX018449.D
 Acq: 16 Sep 2020 18:44

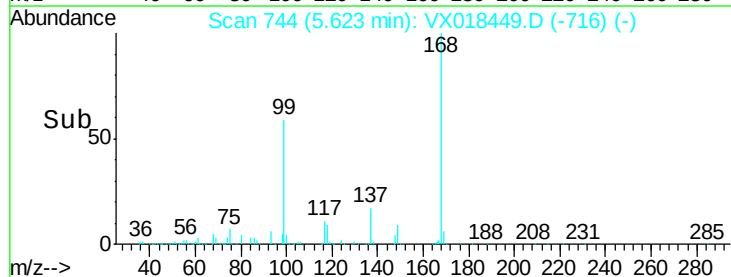
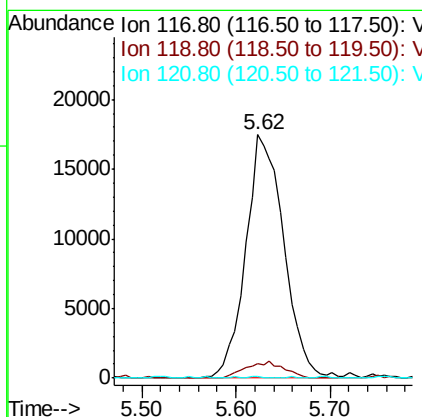
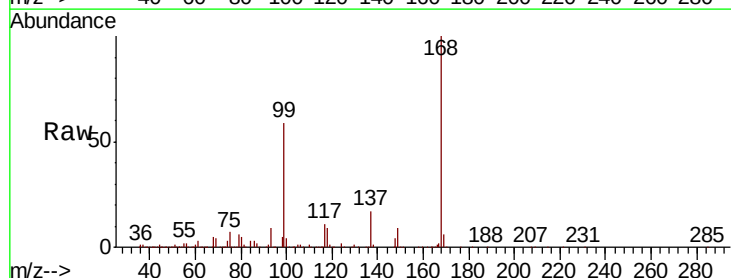
Instrument :
 MSVOA_X
 ClientSampleId :
 B15-1-3

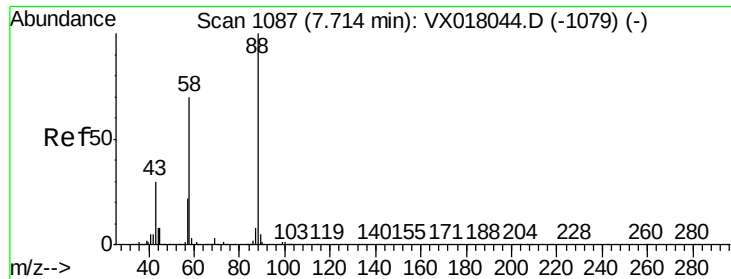
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.0	54.0#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 6.235 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.13 min
 Lab File: VX018449.D
 Acq: 16 Sep 2020 18:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.8	113.6#
121	0.1	23.4	35.0#





#49

1,4-Dioxane

Concen: 2.692 ug/l

RT: 7.63 min Scan# 1073

Delta R.T. -0.09 min

Lab File: VX018449.D

Acq: 16 Sep 2020 18:44

Instrument :

MSVOA_X

ClientSampled :

B15-1-3

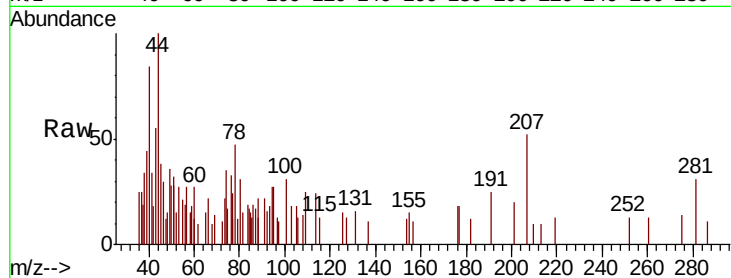
Tot Ion: 88 Resp: 321

Ion Ratio Lower Upper

88 100

43 33.0 27.4 41.0

58 64.2 56.4 84.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600

400

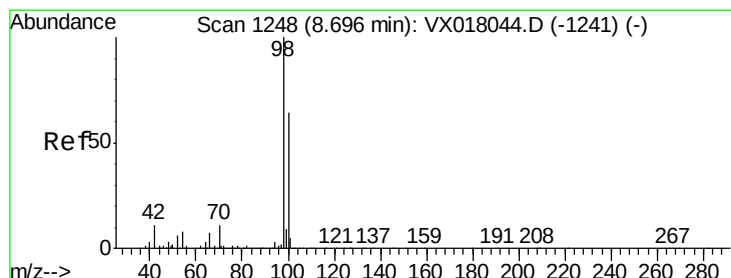
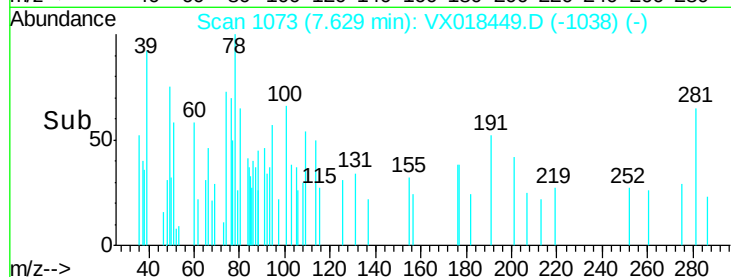
200

0

7.60 7.62 7.64 7.66

7.63

Time-->



#50

Toluene-d8

Concen: 47.226 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018449.D

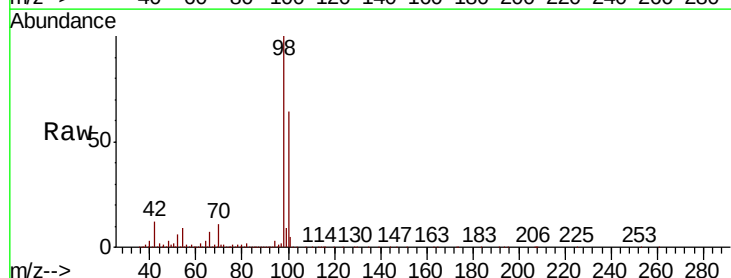
Acq: 16 Sep 2020 18:44

Tgt Ion: 98 Resp: 915509

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

600000

400000

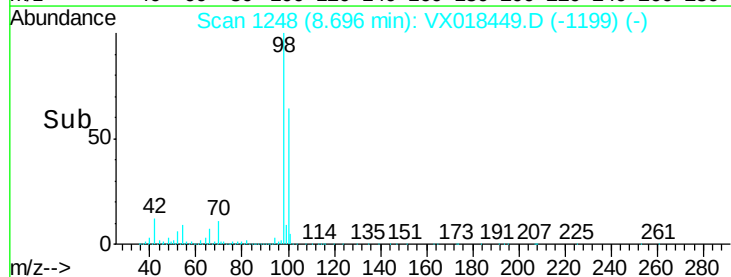
200000

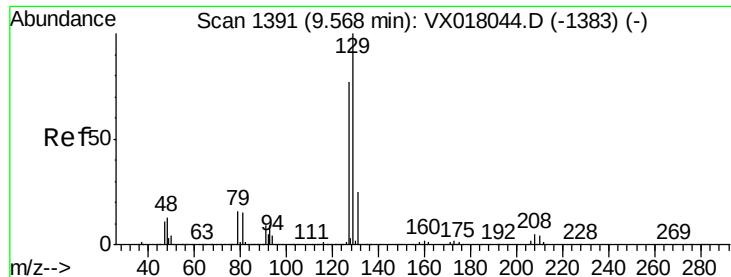
0

8.60 8.70 8.80

8.70

Time-->





#60

Dibromochloromethane

Concen: 3.149 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX018449.D

Acq: 16 Sep 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

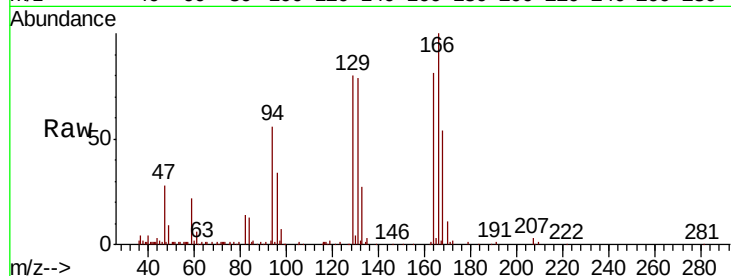
B15-1-3

Tot Ion:129 Resp: 20689

Ion Ratio Lower Upper

129 100

127 0.6 38.9 116.6#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.32

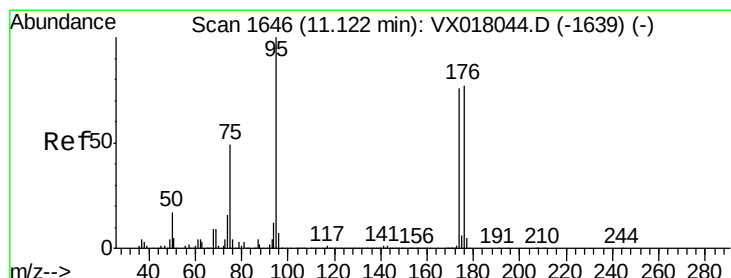
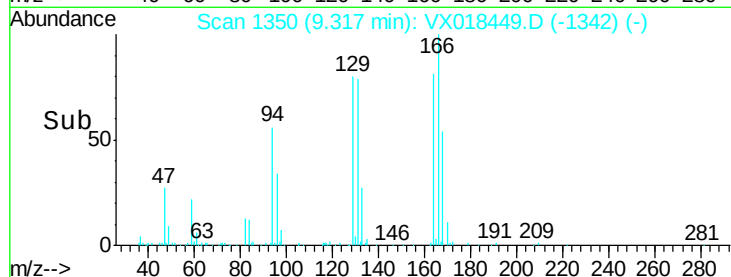
15000

10000

5000

0

Time--> 9.25 9.30 9.35 9.40



#62

4-Bromofluorobenzene

Concen: 47.528 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018449.D

Acq: 16 Sep 2020 18:44

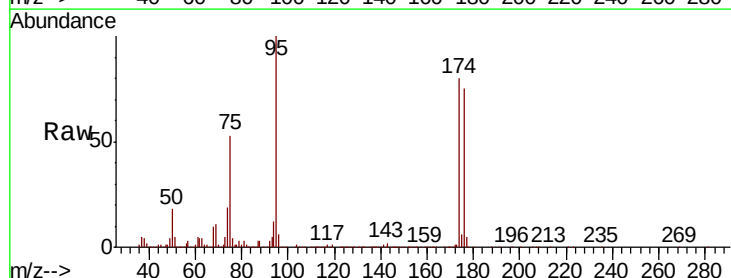
Tgt Ion: 95 Resp: 362506

Ion Ratio Lower Upper

95 100

174 81.4 0.0 160.2

176 76.3 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

11.12

400000

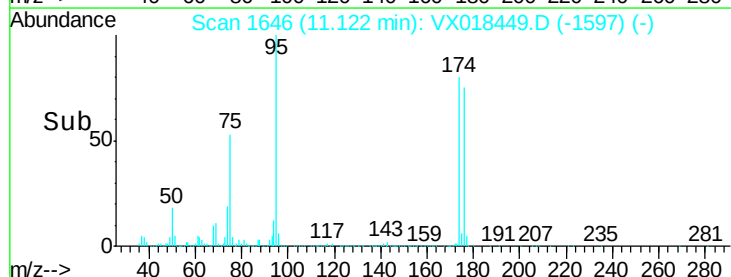
300000

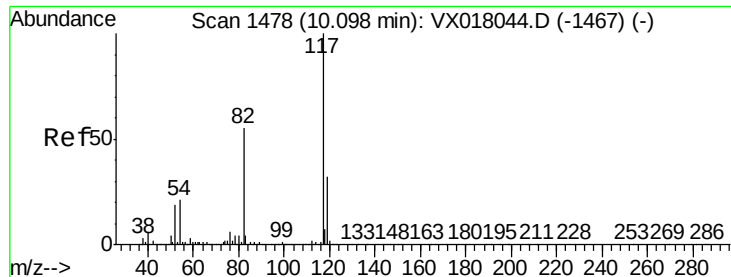
200000

100000

0

Time--> 11.10 11.20

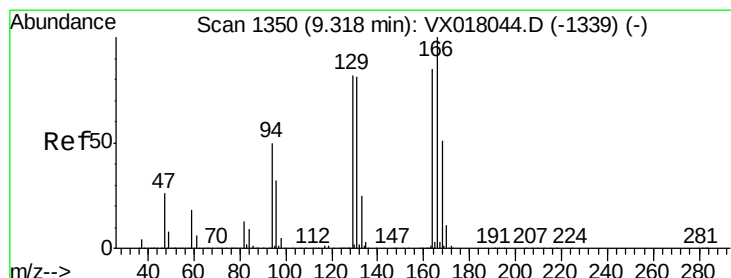
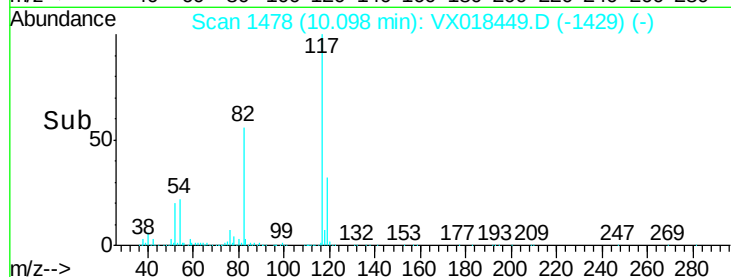
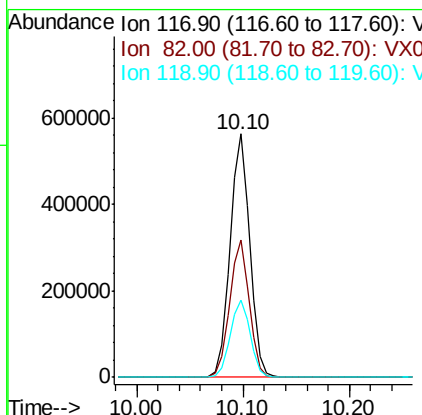
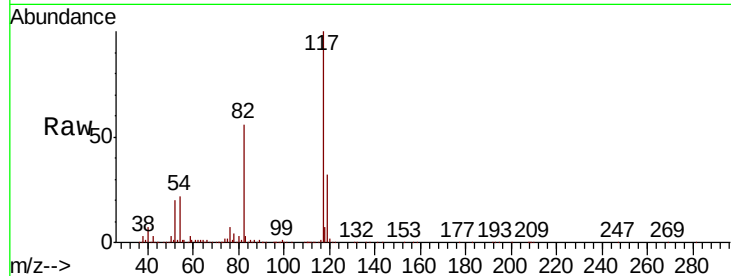




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018449.D
Acq: 16 Sep 2020 18:44

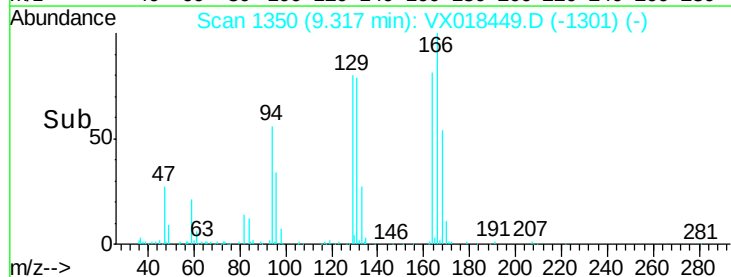
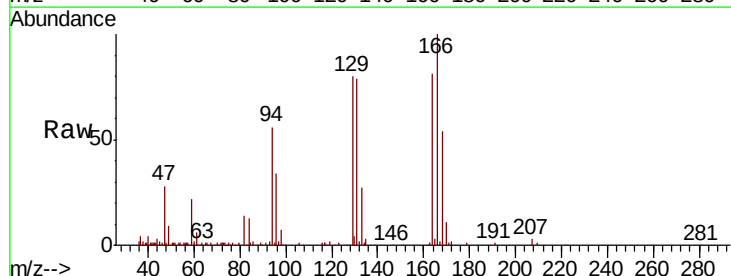
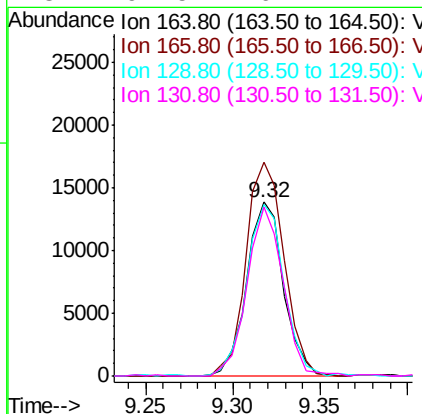
Instrument :
MSVOA_X
ClientSampleId :
B15-1-3

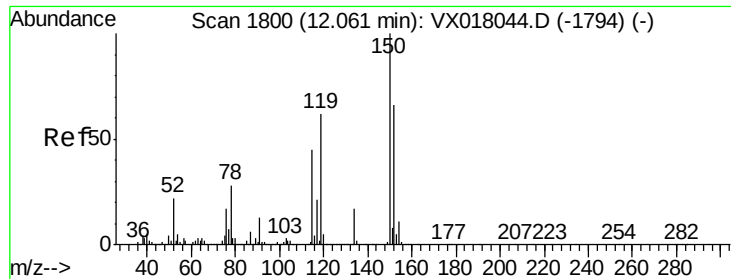
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.2	66.2
119	31.9	25.7	38.5



#64
Tetrachloroethene
Concen: 3.793 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018449.D
Acq: 16 Sep 2020 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.9	94.2	141.2
129	98.8	76.9	115.3
131	97.5	76.1	114.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018449.D

Acq: 16 Sep 2020 18:44

Instrument :

MSVOA_X

ClientSampled :

B15-1-3

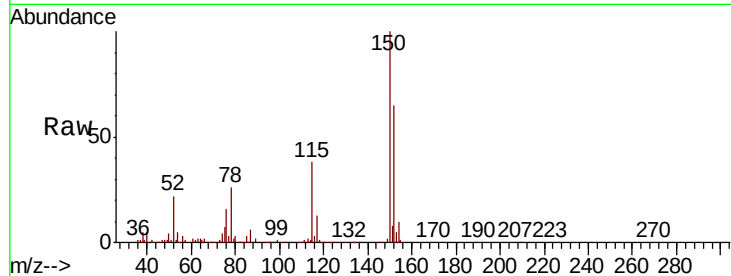
Tot Ion:152 Resp: 373266

Ion Ratio Lower Upper

152 100

115 59.8 41.5 124.5

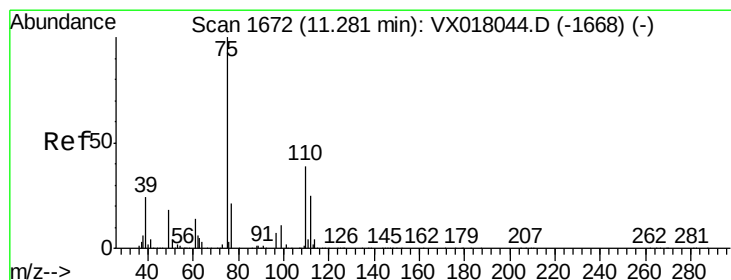
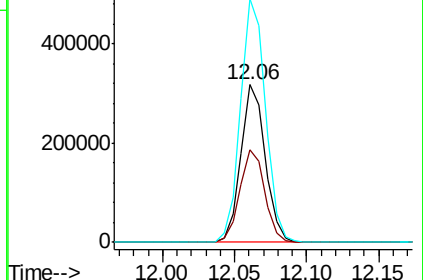
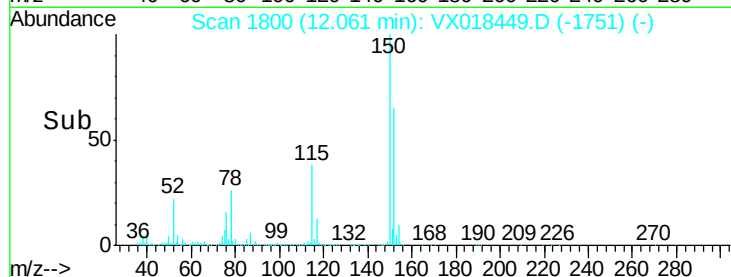
150 158.1 0.0 343.8



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: 22.521 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018449.D

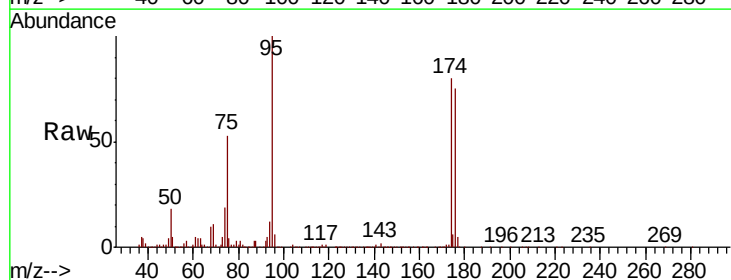
Acq: 16 Sep 2020 18:44

Tgt Ion: 75 Resp: 187006

Ion Ratio Lower Upper

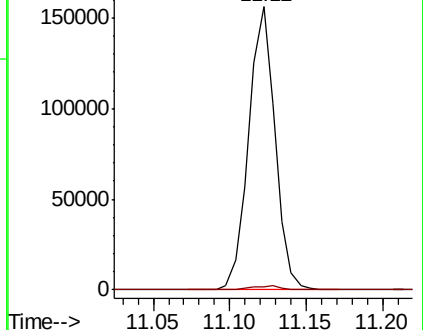
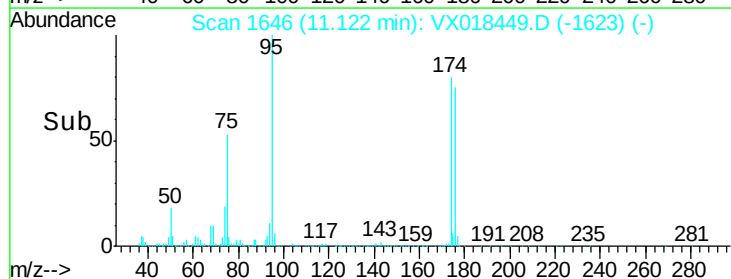
75 100

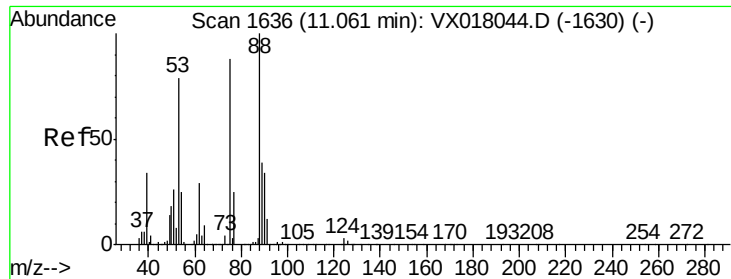
77 1.5 20.8 62.2#



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: 60.827 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX018449.D
 Acq: 16 Sep 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 B15-1-3

Tot Ion: 75 Resp: 187006
 Ion Ratio Lower Upper
 75 100
 53 0.6 74.7 112.1#
 89 0.1 36.6 54.8#

