

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018156.D
 Acq On : 31 Aug 2020 18:33
 Operator : JC/SP
 Sample : L3835-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

Quant Time: Sep 01 05:34:16 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	5.63	168	454261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	741709	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	701810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	347566	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	332207	52.68	ug/l	0.00
Spiked Amount			Recovery	=	105.36%	
35) Dibromofluoromethane	5.46	113	258050	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
50) Toluene-d8	8.70	98	904431	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.12	95	340565	46.01	ug/l	0.00
Spiked Amount			Recovery	=	92.02%	

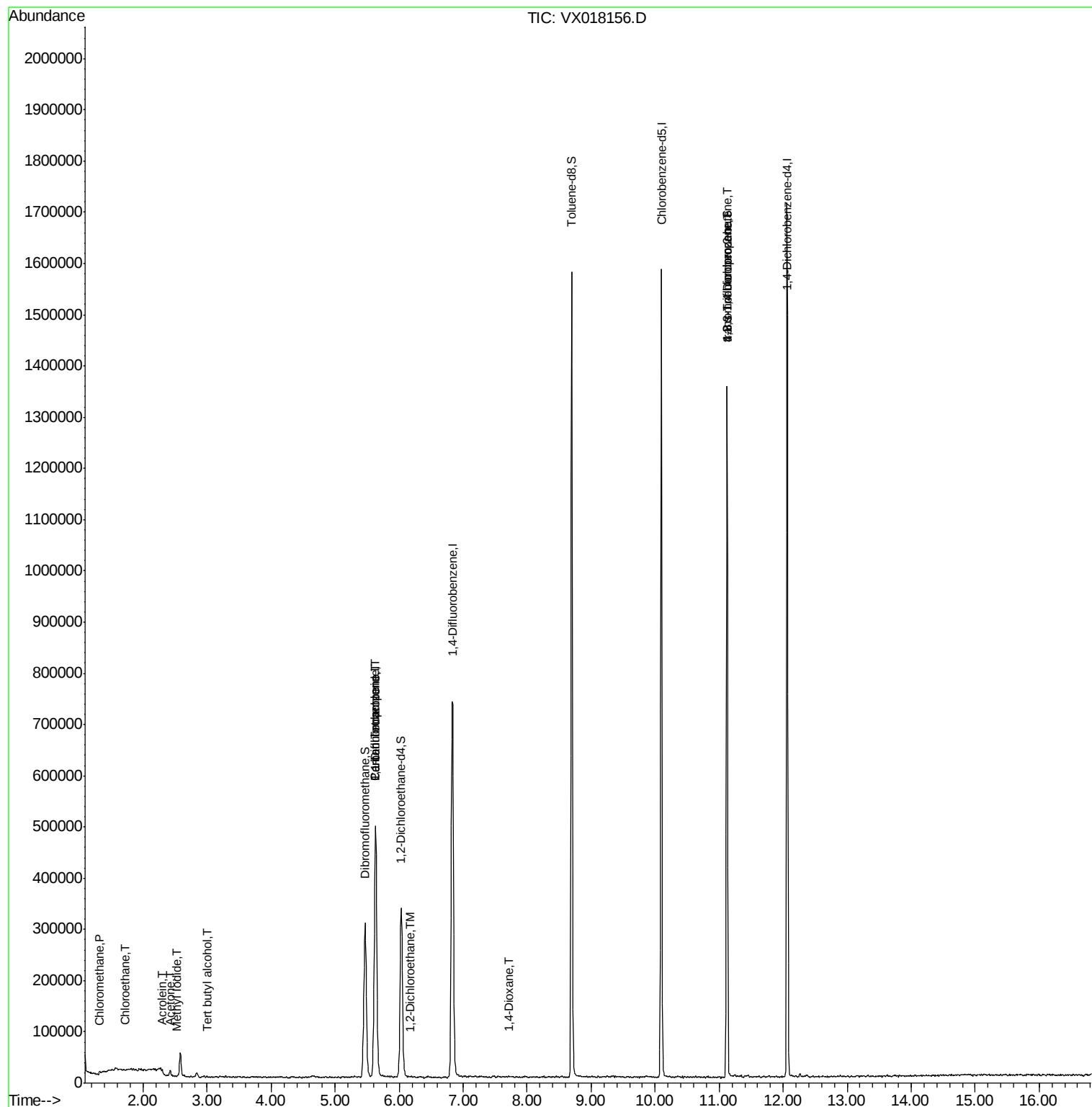
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	3151	0.540	ug/l #	85
6) Chloroethane	1.72	64	679	0.218	ug/l	92
10) Methyl Iodide	2.52	142	295	5.344	ug/l #	61
11) Tert butyl alcohol	3.00	59	1109	0.904	ug/l #	73
13) Acrolein	2.29	56	610	1.200	ug/l #	72
16) Acetone	2.42	43	10788	4.390	ug/l	94
20) Methylene Chloride	2.84	84	4235	Below Cal	#	88
36) 1,1-Dichloropropene	5.63	75	36249	5.299	ug/l #	51
38) Carbon Tetrachloride	5.63	117	47132	6.113	ug/l #	17
42) 1,2-Dichloroethane	6.17	62	1741	0.226	ug/l	91
49) 1,4-Dioxane	7.71	88	164	1.417	ug/l #	29
76) 1,2,3-Trichloropropane	11.12	75	172383	22.295	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	172383	60.216	ug/l #	12

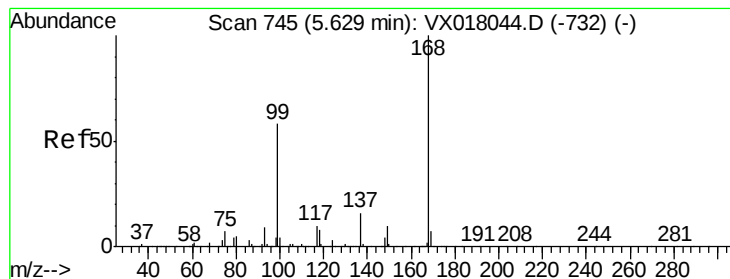
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX083120\
Data File : VX018156.D
Acq On : 31 Aug 2020 18:33
Operator : JC/SP
Sample : L3835-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

Quant Time: Sep 01 05:34:16 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: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018156.D

Acq: 31 Aug 2020 18:33

Instrument :

MSVOA_X

ClientSampleId :

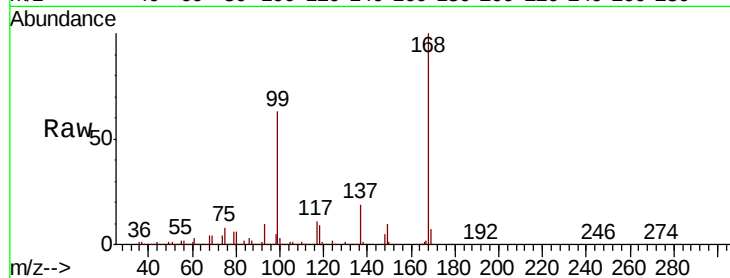
STORAGEBLANK-SAMPLEMANAG

Tot Ion:168 Resp: 454261

Ion Ratio Lower Upper

168 100

99 63.2 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

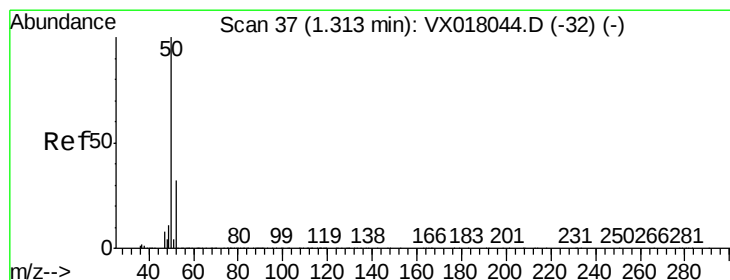
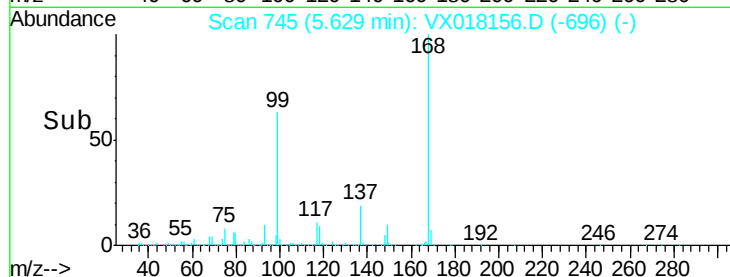
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.540 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018156.D

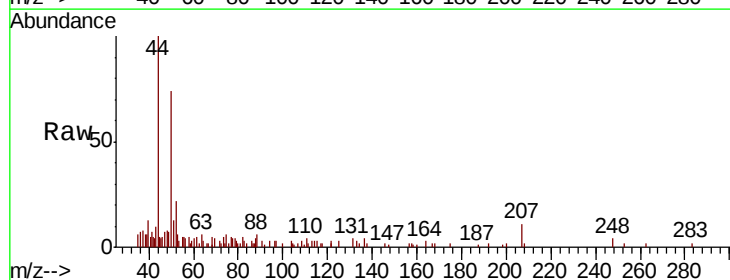
Acq: 31 Aug 2020 18:33

Tgt Ion: 50 Resp: 3151

Ion Ratio Lower Upper

50 100

52 23.3 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

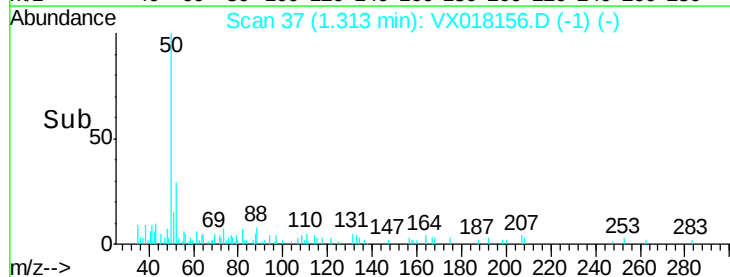
3000

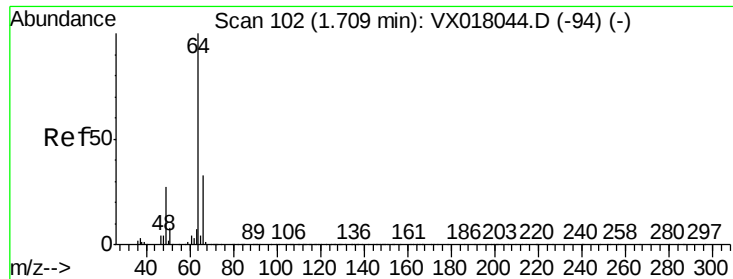
2000

1000

0

Time-->





#6

Chloroethane

Concen: 0.218 ug/l

RT: 1.72 min Scan# 104

Delta R.T. 0.01 min

Lab File: VX018156.D

Acq: 31 Aug 2020 18:33

Instrument :

MSVOA_X

ClientSampleId :

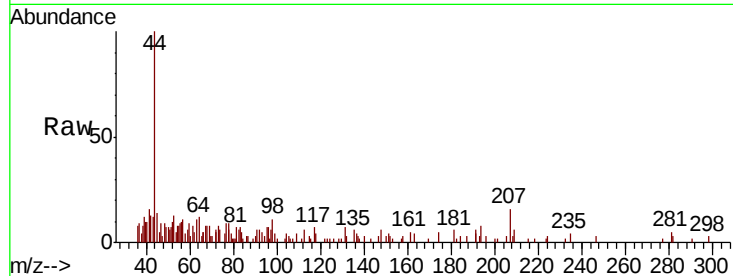
STORAGEBLANK-SAMPLEMANAG

Tot Ion: 64 Resp: 679

Ion Ratio Lower Upper

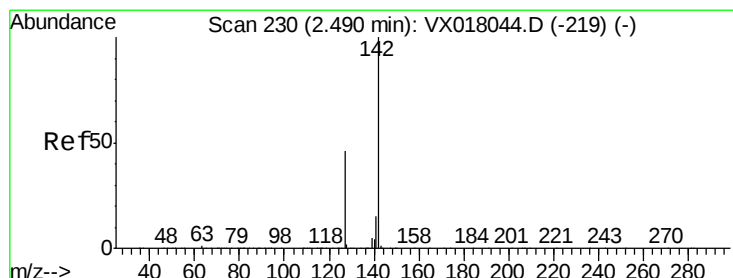
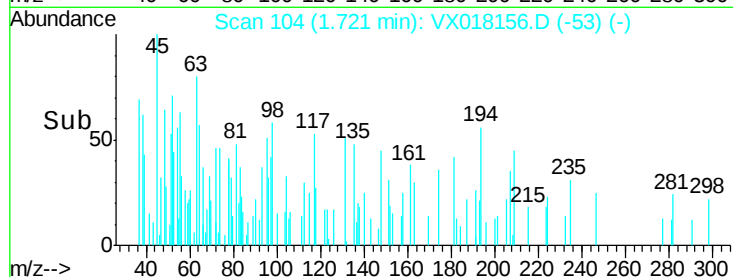
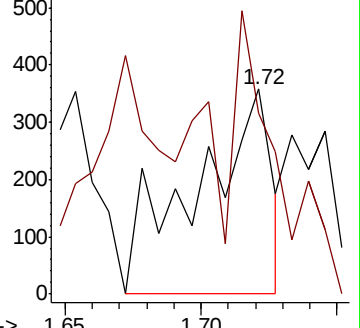
64 100

66 37.7 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 5.344 ug/l

RT: 2.52 min Scan# 235

Delta R.T. 0.03 min

Lab File: VX018156.D

Acq: 31 Aug 2020 18:33

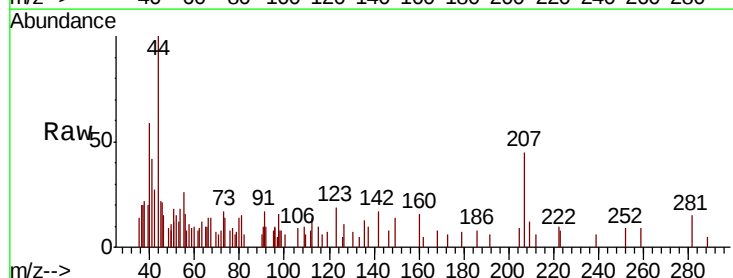
Tgt Ion: 142 Resp: 295

Ion Ratio Lower Upper

142 100

127 72.5 37.0 55.6#

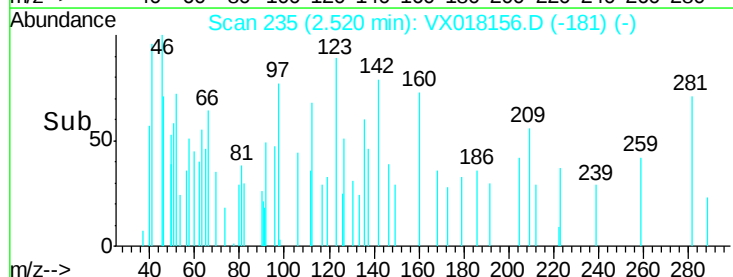
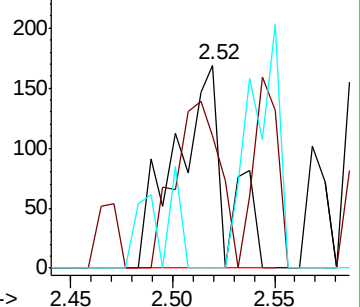
141 0.0 11.5 17.3#

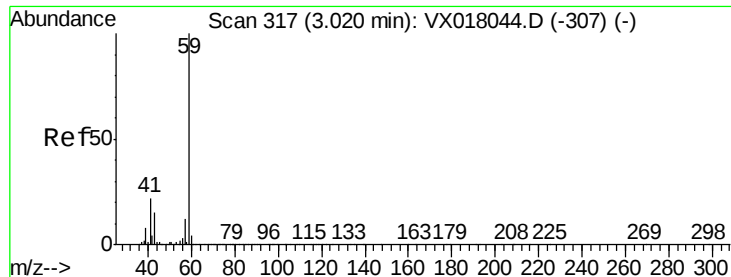


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



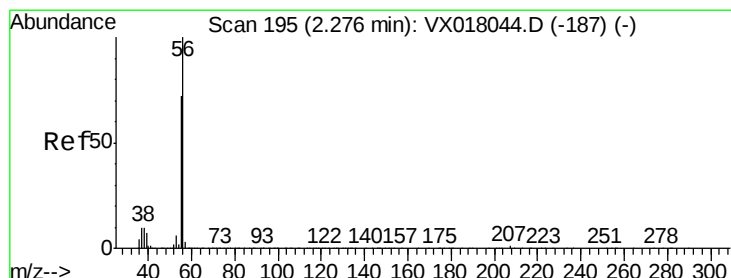
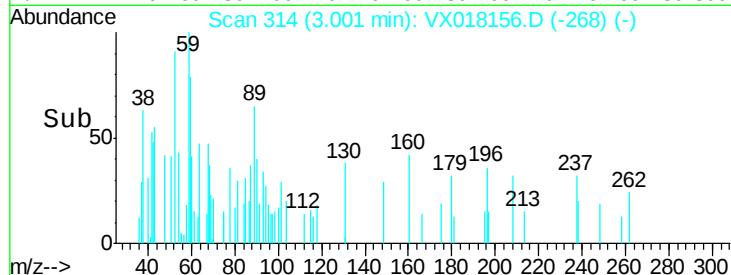
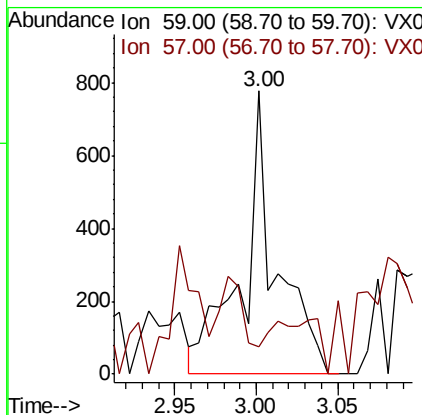
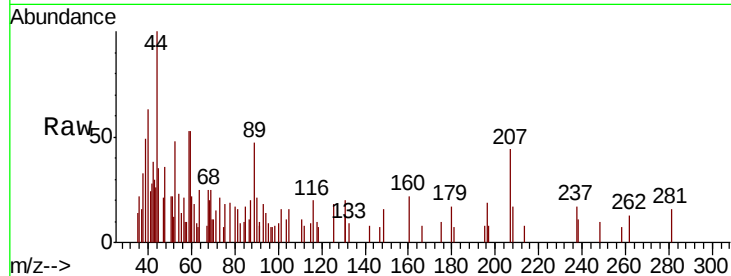


#11

Tert butyl alcohol
Concen: 0.904 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX018156.D
Acq: 31 Aug 2020 18:33

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

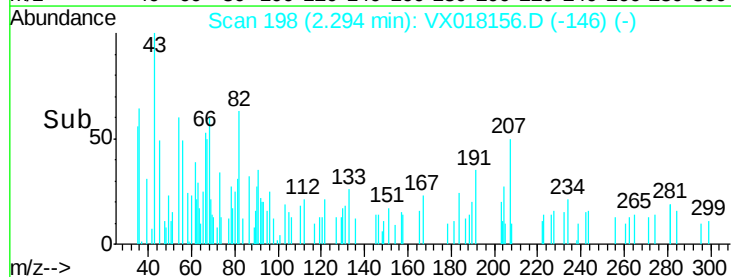
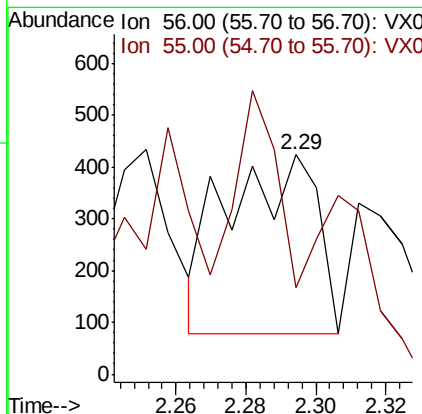
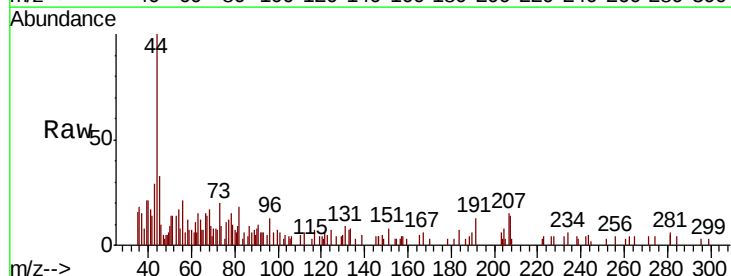
Tot Ion: 59 Resp: 1109
Ion Ratio Lower Upper
59 100
57 21.6 8.9 13.3#

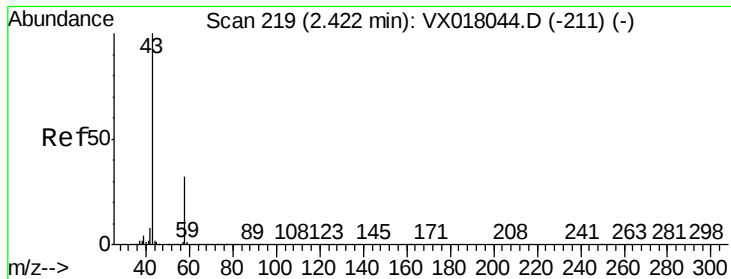


#13

Acrolein
Concen: 1.200 ug/l
RT: 2.29 min Scan# 198
Delta R.T. 0.02 min
Lab File: VX018156.D
Acq: 31 Aug 2020 18:33

Tgt Ion: 56 Resp: 610
Ion Ratio Lower Upper
56 100
55 47.9 57.0 85.6#

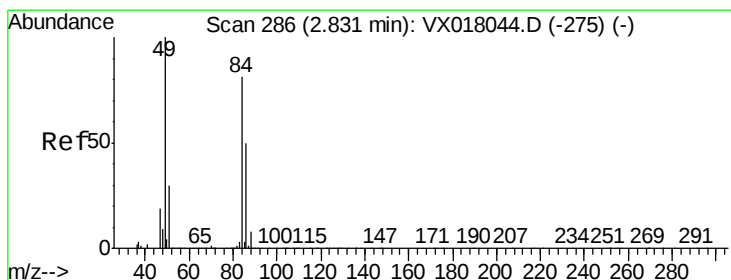
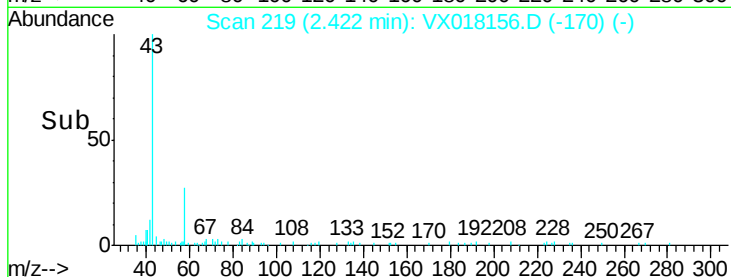
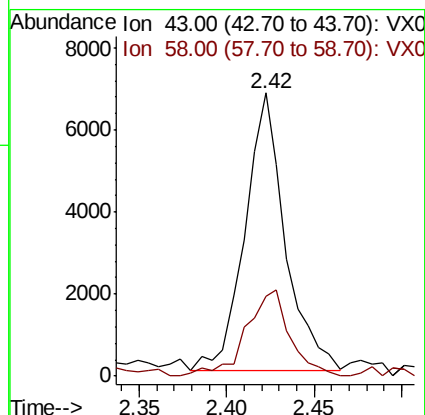
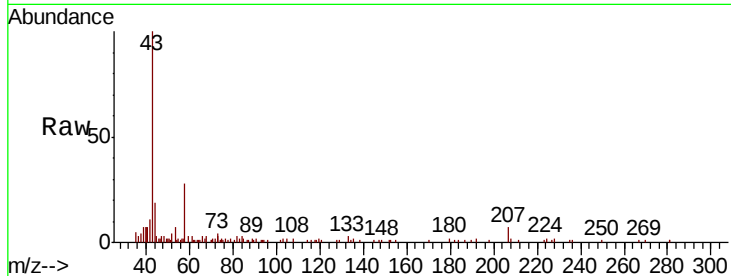




#16
Acetone
Concen: 4.390 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018156.D
Acq: 31 Aug 2020 18:33

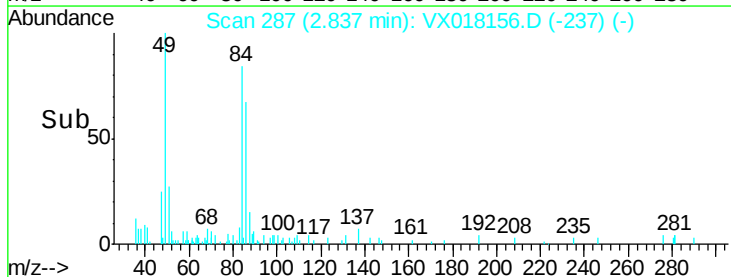
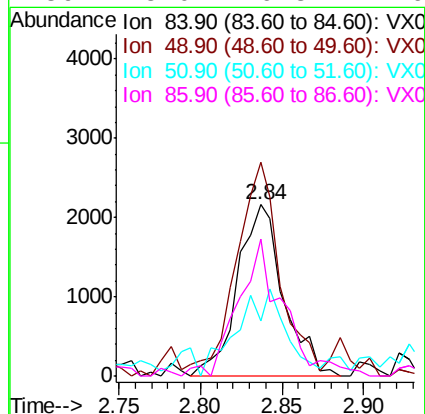
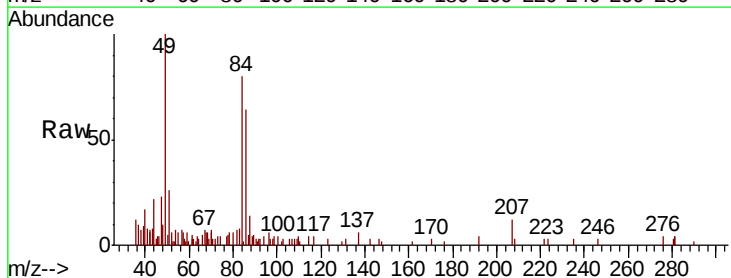
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

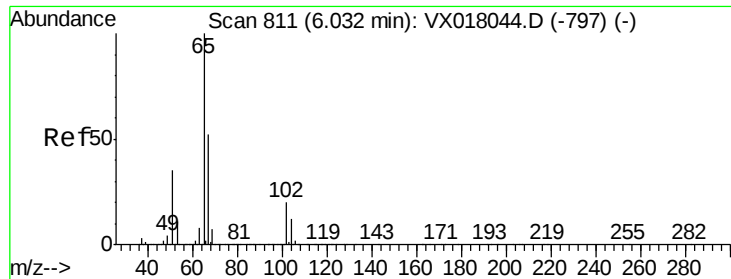
Tot Ion: 43 Resp: 10788
Ion Ratio Lower Upper
43 100
58 28.8 25.5 38.3



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018156.D
Acq: 31 Aug 2020 18:33

Tgt Ion: 84 Resp: 4235
Ion Ratio Lower Upper
84 100
49 117.7 98.6 148.0
51 21.3 29.6 44.4#
86 75.0 49.8 74.6#

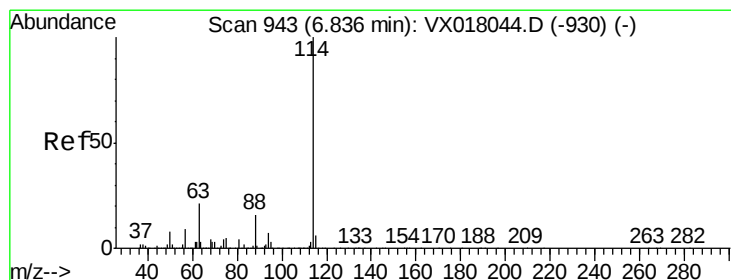
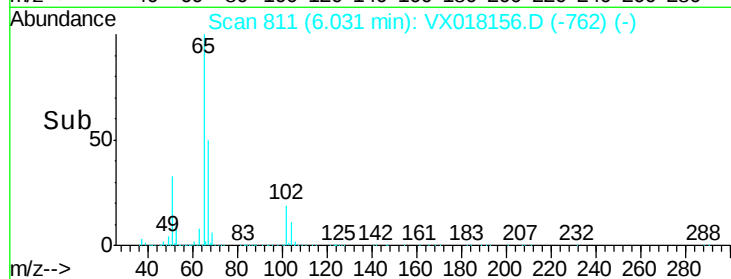
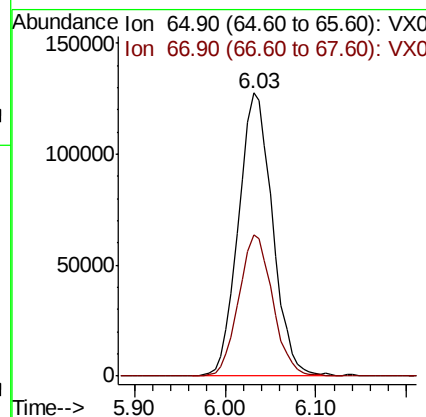
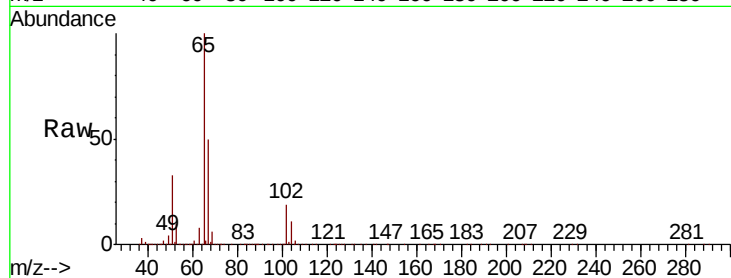




#33
 1,2-Dichloroethane-d4
 Concen: 52.679 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018156.D
 Acq: 31 Aug 2020 18:33

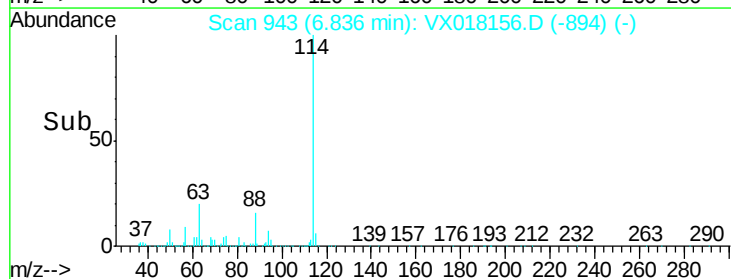
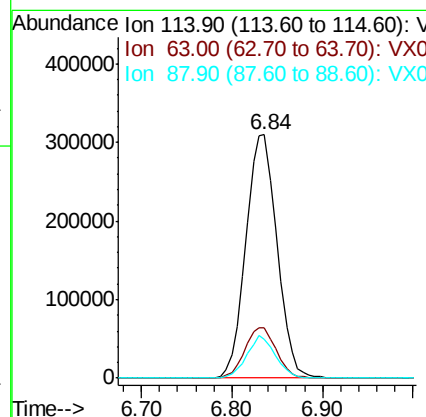
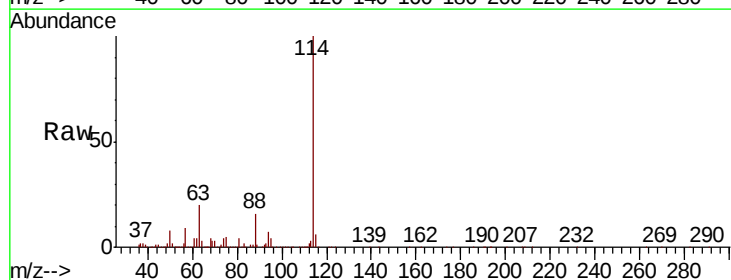
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

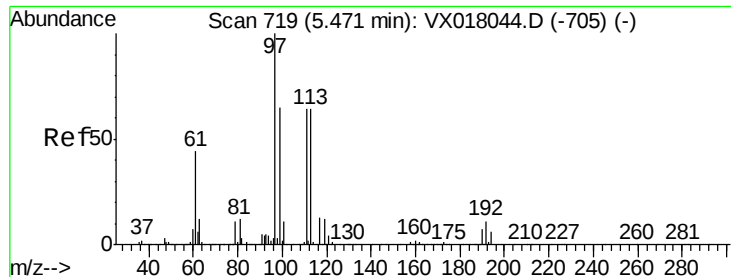
Tot Ion: 65 Resp: 332207
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX018156.D
 Acq: 31 Aug 2020 18:33

Tgt Ion: 114 Resp: 741709
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.6
 88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.085 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018156.D

Acq: 31 Aug 2020 18:33

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

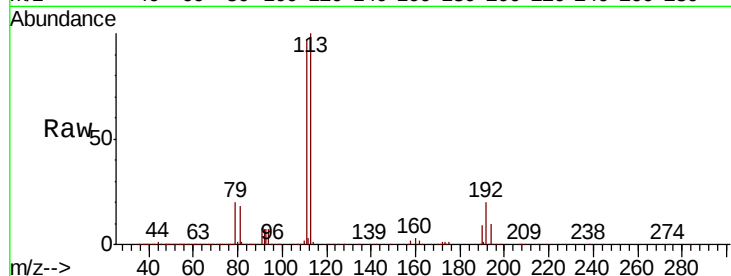
Tot Ion:113 Resp: 258050

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

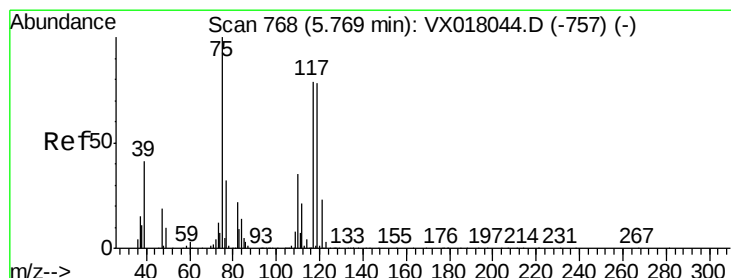
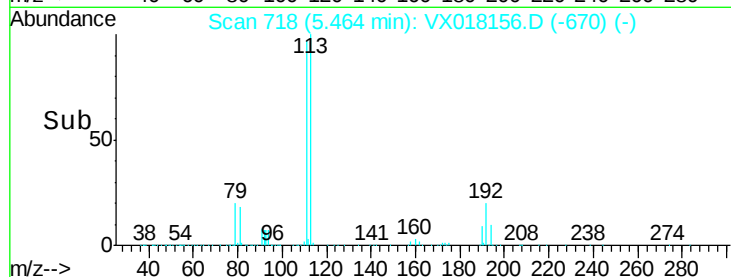
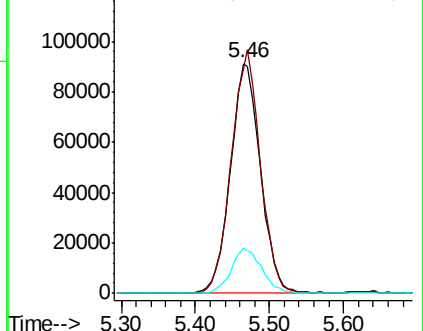
192 20.0 15.8 23.8



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: 5.299 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX018156.D

Acq: 31 Aug 2020 18:33

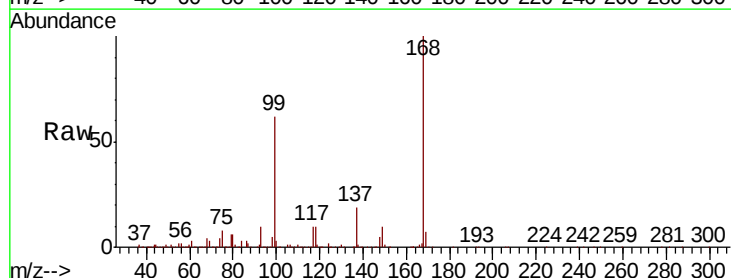
Tgt Ion: 75 Resp: 36249

Ion Ratio Lower Upper

75 100

110 10.6 18.0 54.0#

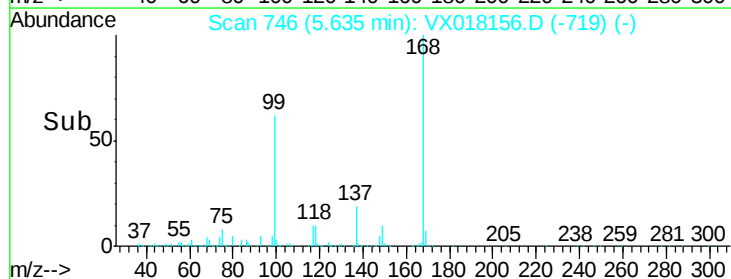
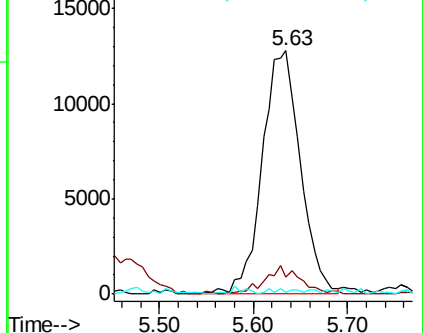
77 0.5 24.4 36.6#

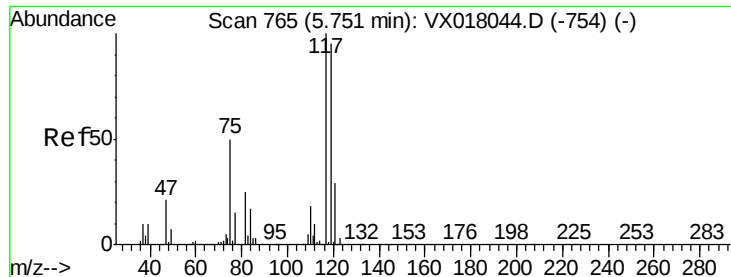


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.113 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX018156.D

Acq: 31 Aug 2020 18:33

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

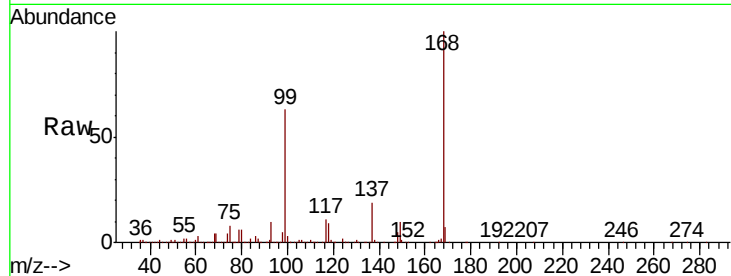
Tot Ion:117 Resp: 47132

Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.6#

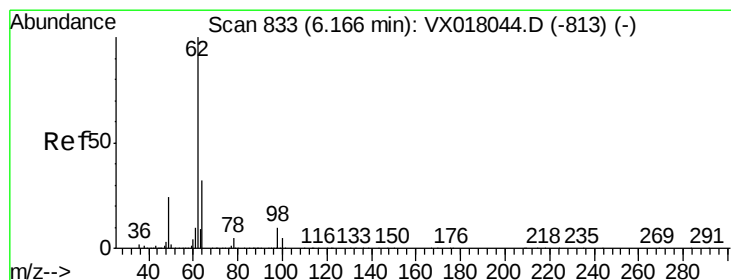
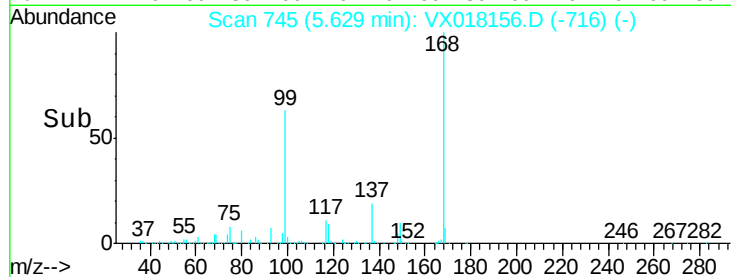
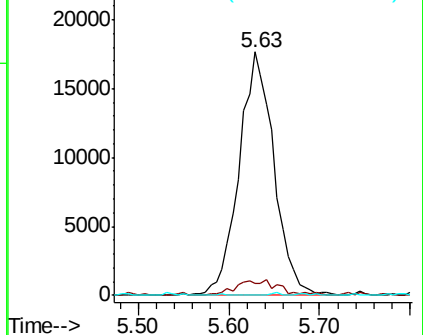
121 0.3 23.4 35.0#



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



#42

1,2-Dichloroethane

Concen: 0.226 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX018156.D

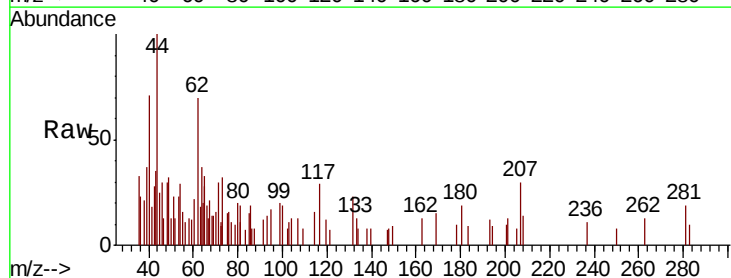
Acq: 31 Aug 2020 18:33

Tgt Ion: 62 Resp: 1741

Ion Ratio Lower Upper

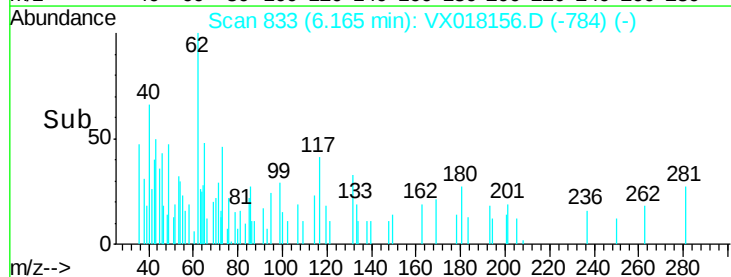
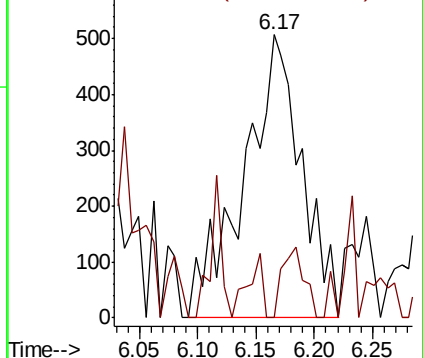
62 100

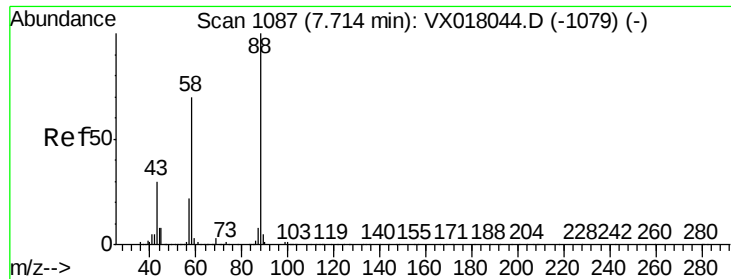
98 5.9 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

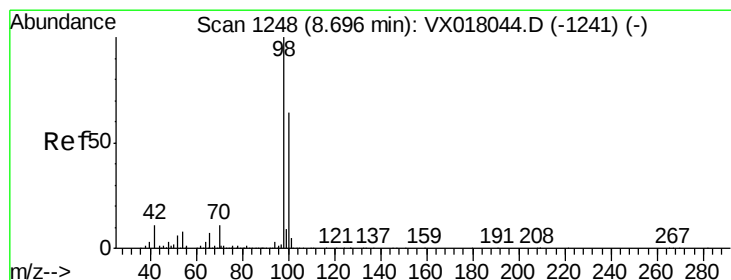
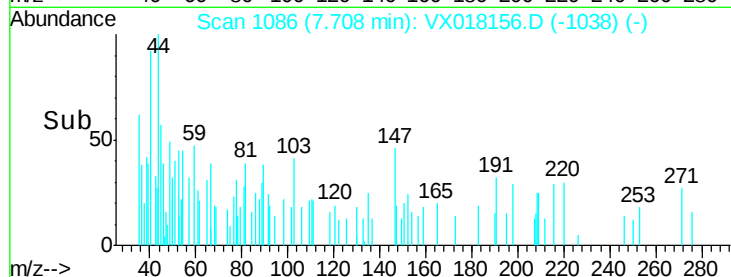
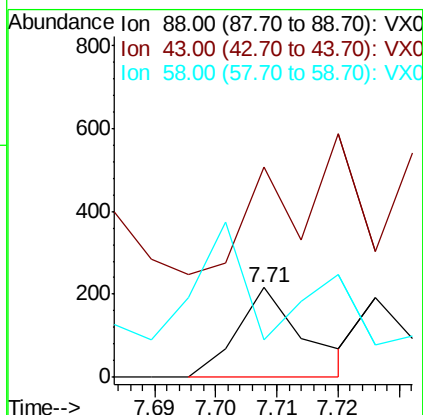
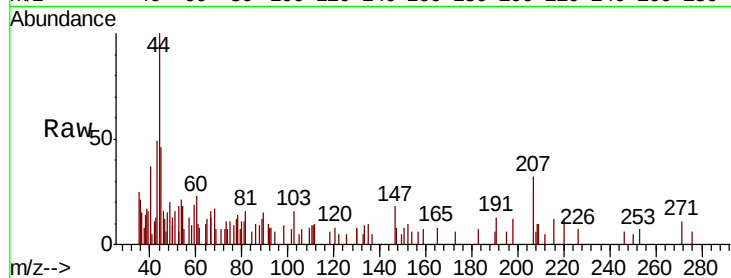




#49
1,4-Dioxane
Concen: 1.417 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX018156.D
Acq: 31 Aug 2020 18:33

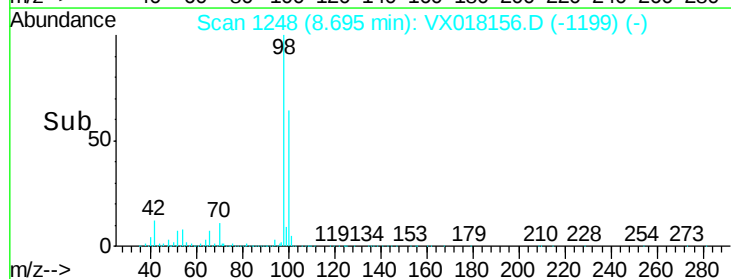
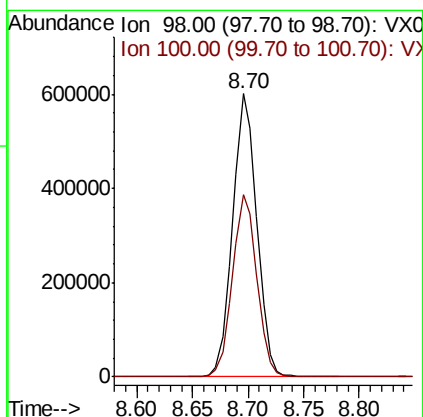
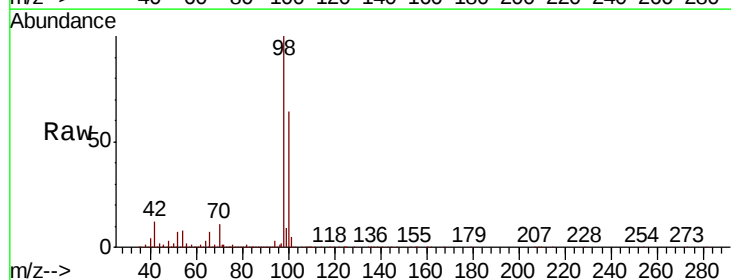
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

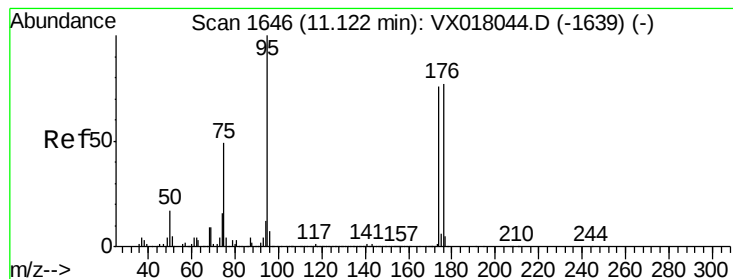
Tot Ion: 88 Resp: 164
Ion Ratio Lower Upper
88 100
43 0.0 27.4 41.0#
58 133.5 56.4 84.6#



#50
Toluene-d8
Concen: 48.072 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018156.D
Acq: 31 Aug 2020 18:33

Tgt Ion: 98 Resp: 904431
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 46.008 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018156.D

Acq: 31 Aug 2020 18:33

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

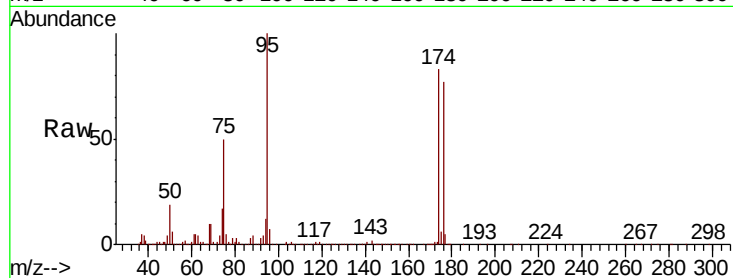
Tot Ion: 95 Resp: 340565

Ion Ratio Lower Upper

95 100

174 81.9 0.0 160.2

176 77.3 0.0 155.8

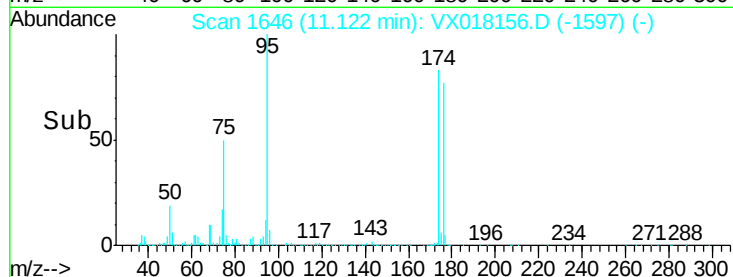


Abundance Ion 94.90 (94.60 to 95.60): VX018044.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018044.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018044.D (-1639) (-)

Time-->

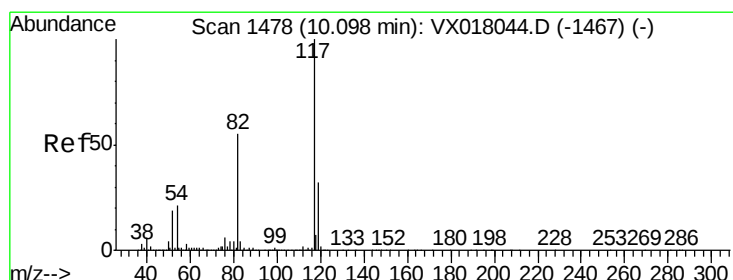


Abundance Ion 94.90 (94.60 to 95.60): VX018156.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX018156.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX018156.D (-1597) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018156.D

Acq: 31 Aug 2020 18:33

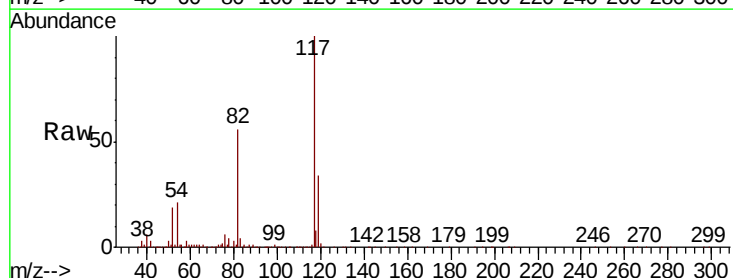
Tgt Ion: 117 Resp: 701810

Ion Ratio Lower Upper

117 100

82 55.6 44.2 66.2

119 34.3 25.7 38.5

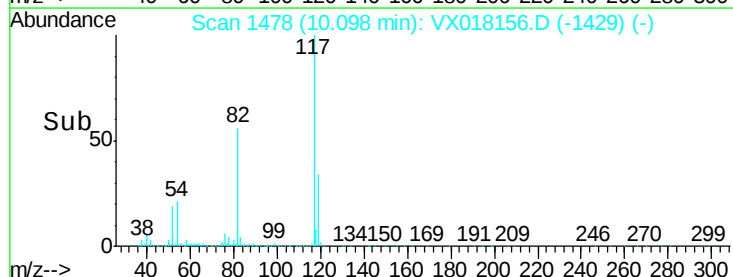


Abundance Ion 116.90 (116.60 to 117.60): VX018044.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX018044.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX018044.D (-1467) (-)

Time-->

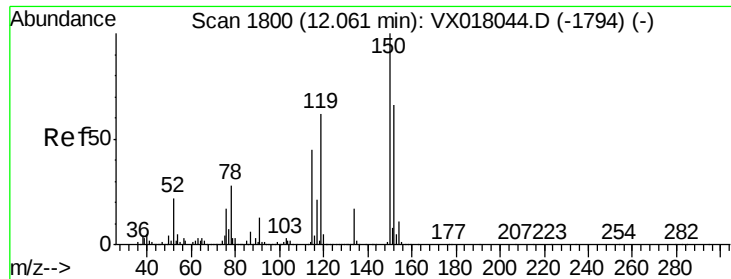


Abundance Ion 116.90 (116.60 to 117.60): VX018156.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX018156.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX018156.D (-1429) (-)

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: VX018156.D

Acq: 31 Aug 2020 18:33

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

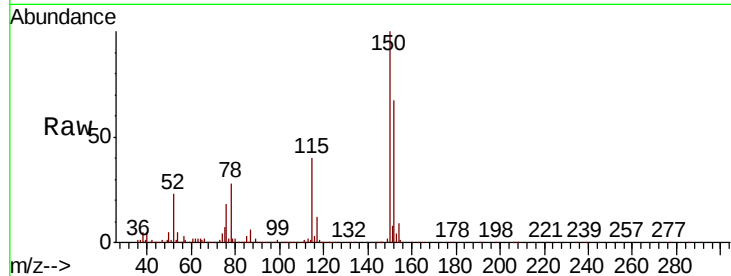
Tot Ion:152 Resp: 347566

Ion Ratio Lower Upper

152 100

115 59.6 41.5 124.5

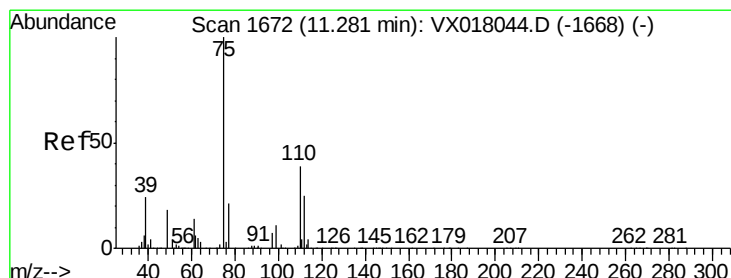
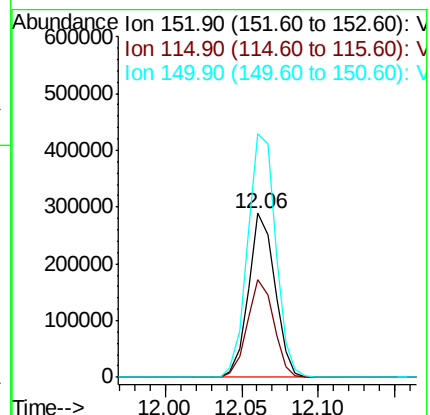
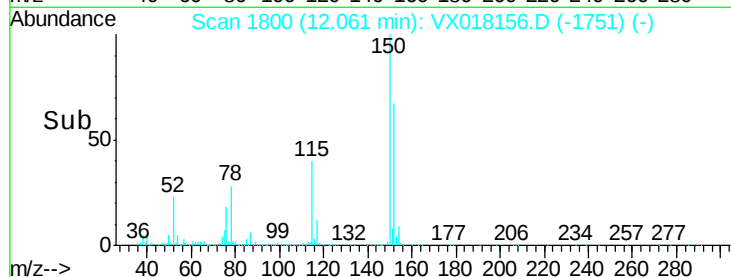
150 156.9 0.0 343.8



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: 22.295 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018156.D

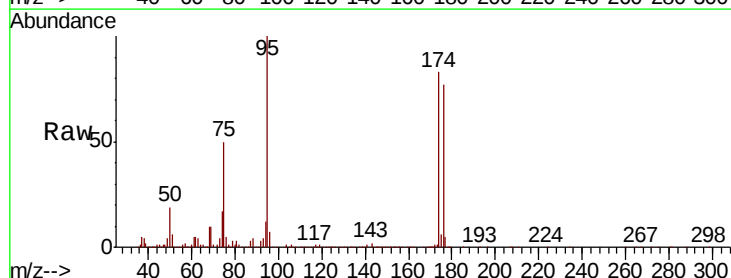
Acq: 31 Aug 2020 18:33

Tgt Ion: 75 Resp: 172383

Ion Ratio Lower Upper

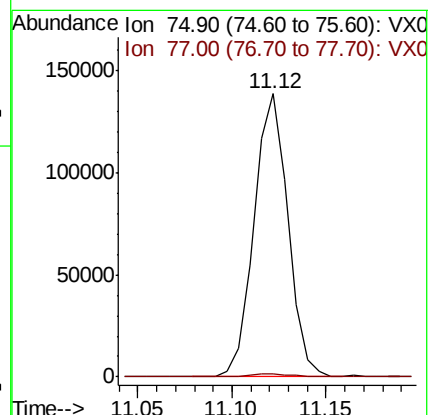
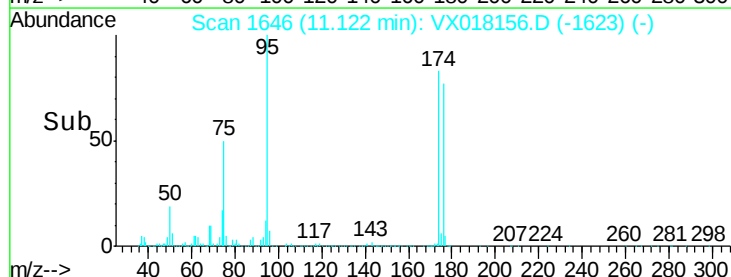
75 100

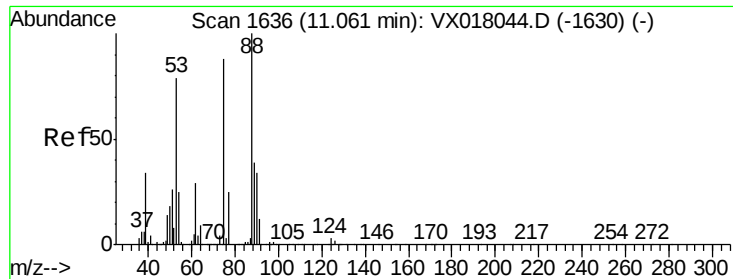
77 1.3 20.8 62.2#



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: 60.216 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018156.D
Acq: 31 Aug 2020 18:33

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SAMPLEMANAG

Tot Ion: 75 Resp: 172383
Ion Ratio Lower Upper
75 100
53 0.2 74.7 112.1#
89 0.2 36.6 54.8#

