

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090320\
 Data File : VX018234.D
 Acq On : 03 Sep 2020 14:59
 Operator : JC/SP
 Sample : L3903-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 04 01:21:05 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	469509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	784818	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	720959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	341762	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	343419	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
35) Dibromofluoromethane	5.46	113	276854	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
50) Toluene-d8	8.70	98	944913	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.12	95	339491	43.34	ug/l	0.00
Spiked Amount			Recovery	=	86.68%	

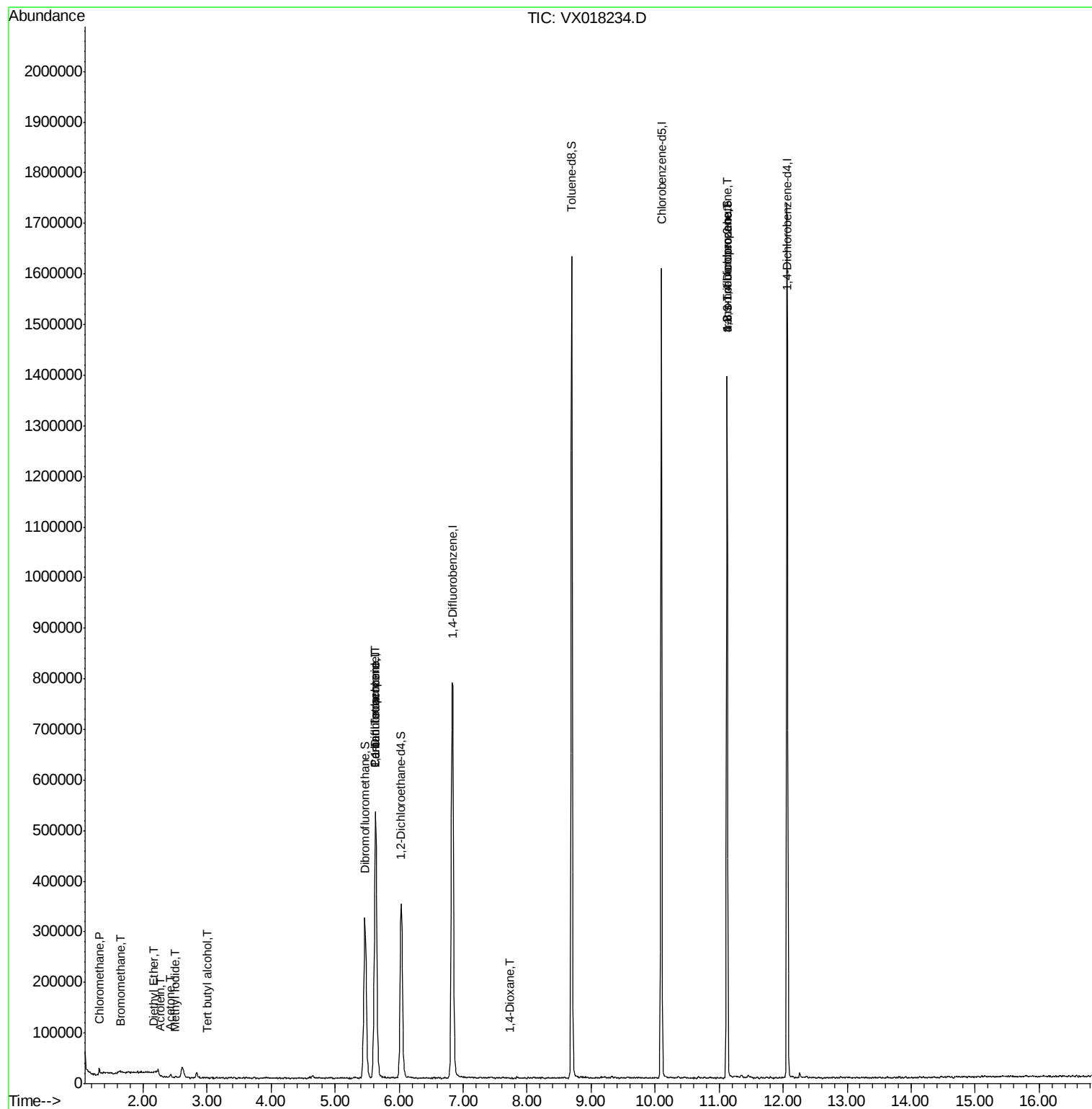
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	6611	1.097	ug/l	99
5) Bromomethane	1.64	94	616	0.213	ug/l #	34
8) Diethyl Ether	2.17	74	640	0.231	ug/l	74
10) Methyl Iodide	2.50	142	578	5.396	ug/l #	71
11) Tert butyl alcohol	3.01	59	512	0.404	ug/l #	29
13) Acrolein	2.27	56	619	1.178	ug/l #	14
16) Acetone	2.43	43	7853	3.092	ug/l #	75
20) Methylene Chloride	2.84	84	5818	Below Cal		84
36) 1,1-Dichloropropene	5.63	75	36576	5.053	ug/l #	52
38) Carbon Tetrachloride	5.64	117	50403	6.179	ug/l #	17
49) 1,4-Dioxane	7.71	88	100	0.817	ug/l #	34
76) 1,2,3-Trichloropropane	11.12	75	176898	23.268	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	176898	62.843	ug/l #	12

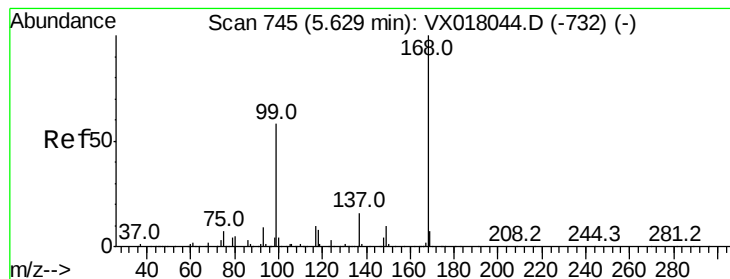
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090320\
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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: VX018234.D

Acq: 03 Sep 2020 14:59

Instrument :

MSVOA_X

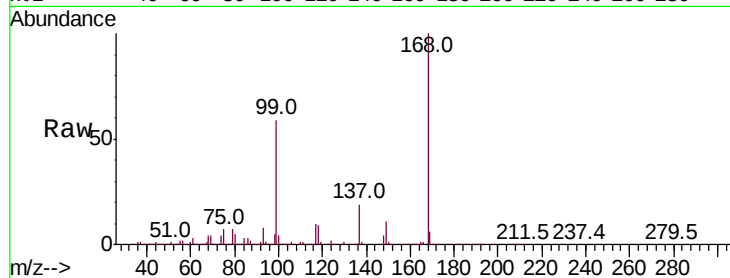
ClientSampleId :

Tot Ion:168 Resp: 469509

Ion Ratio Lower Upper

168 100

99 59.2 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

200000

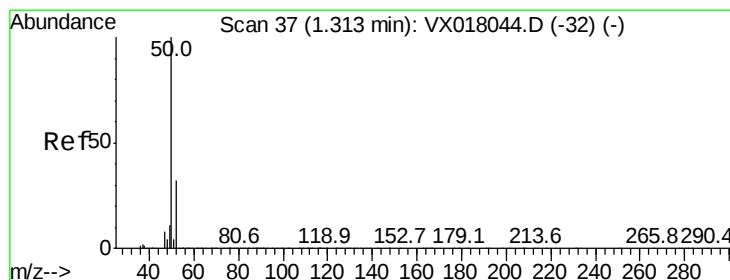
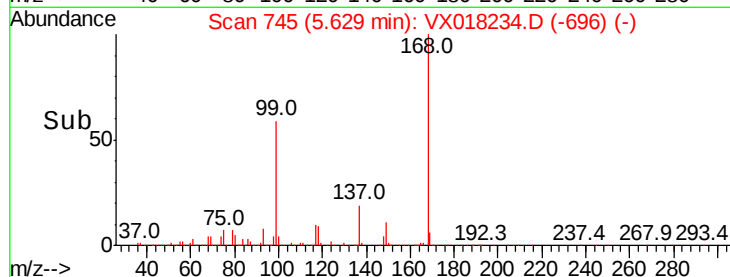
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.097 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018234.D

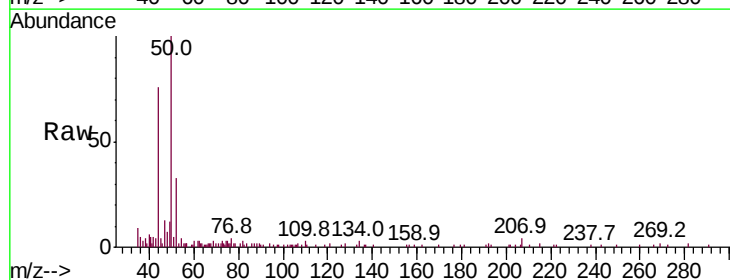
Acq: 03 Sep 2020 14:59

Tgt Ion: 50 Resp: 6611

Ion Ratio Lower Upper

50 100

52 31.0 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

8000

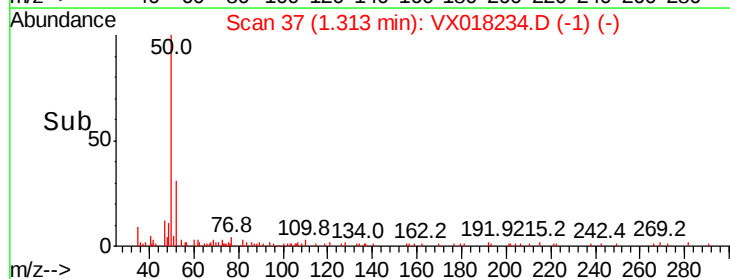
6000

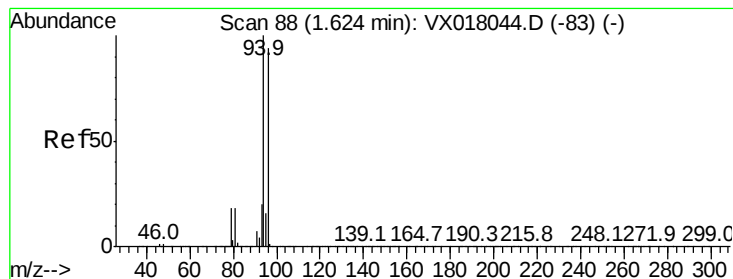
4000

2000

0

Time-->





#5

Bromomethane

Concen: 0.213 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018234.D

Acq: 03 Sep 2020 14:59

Instrument :

MSVOA_X

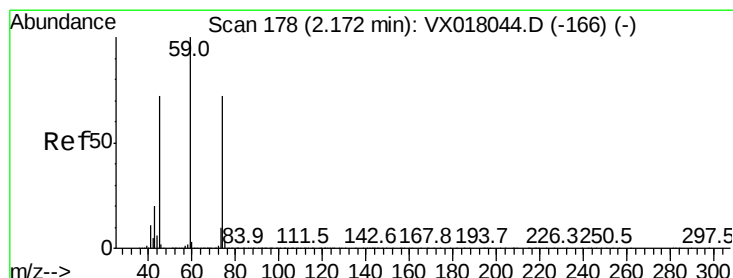
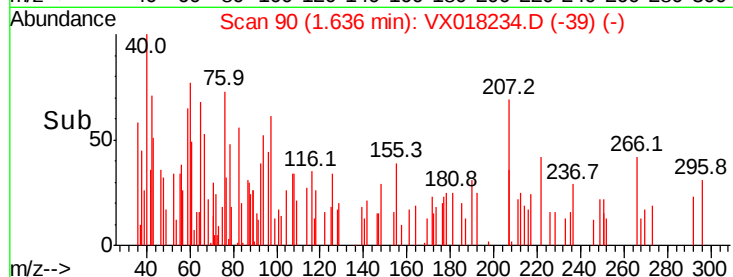
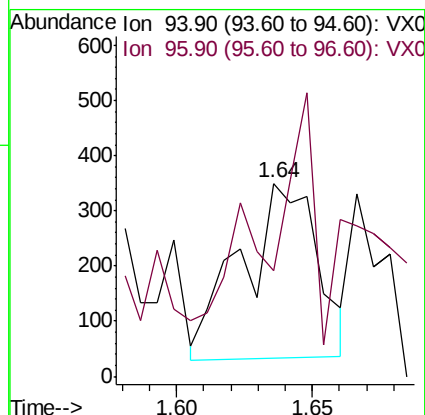
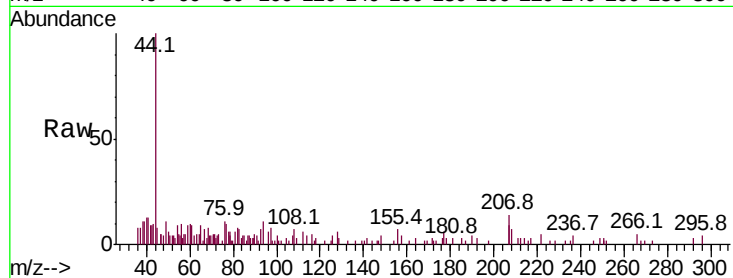
ClientSampled :

Tot Ion: 94 Resp: 616

Ion Ratio Lower Upper

94 100

96 30.1 74.8 112.2#



#8

Diethyl Ether

Concen: 0.231 ug/l

RT: 2.17 min Scan# 178

Delta R.T. -0.00 min

Lab File: VX018234.D

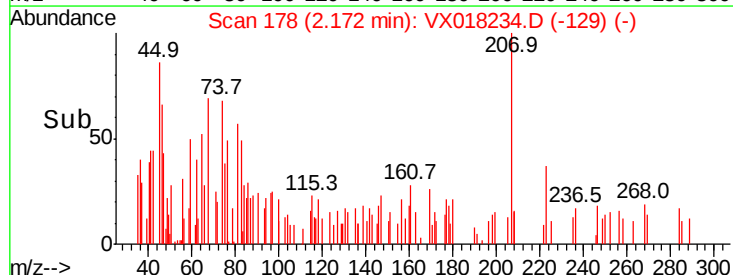
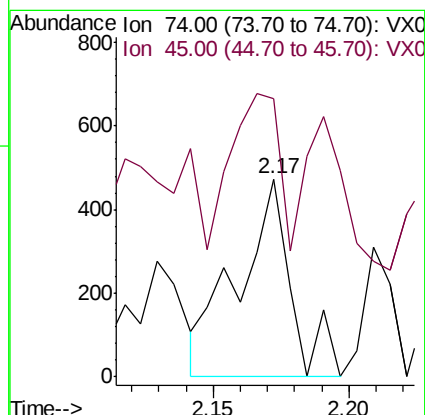
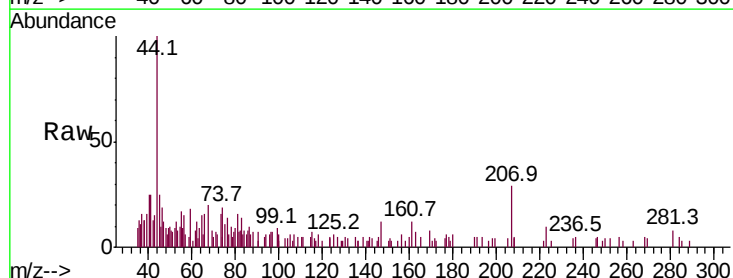
Acq: 03 Sep 2020 14:59

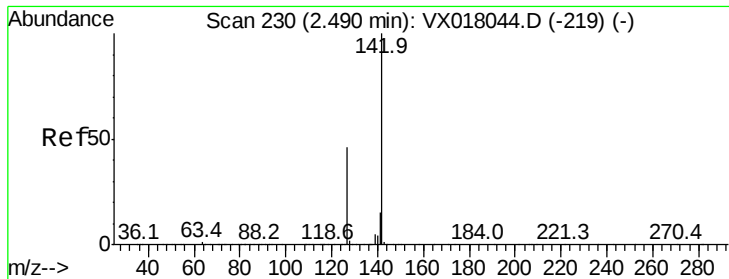
Tgt Ion: 74 Resp: 640

Ion Ratio Lower Upper

74 100

45 75.0 50.7 152.3

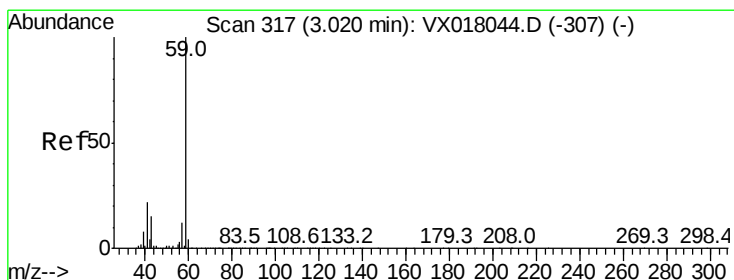
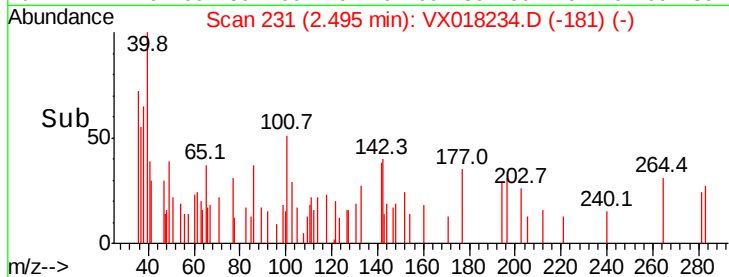
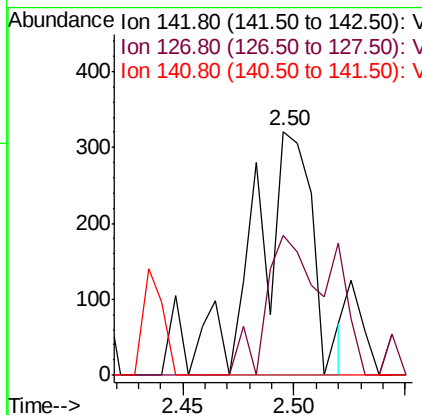
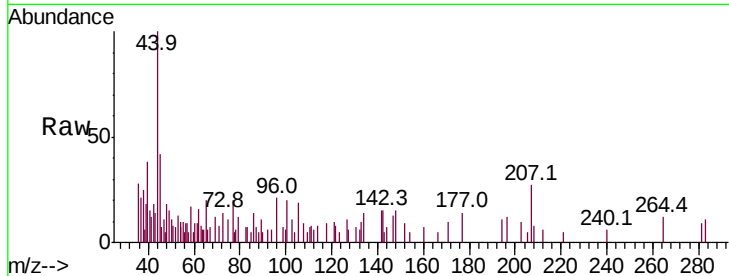




#10
Methvl Iodide
Concen: 5.396 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX018234.D
Acq: 03 Sep 2020 14:59

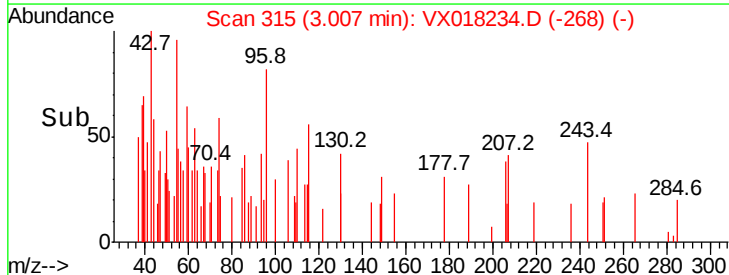
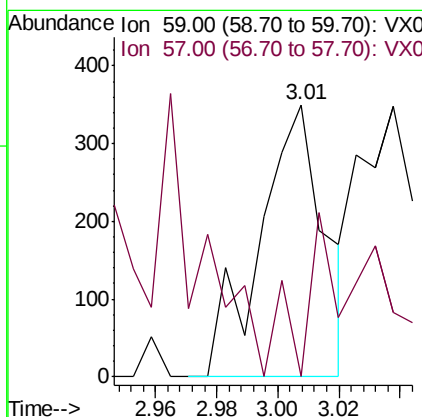
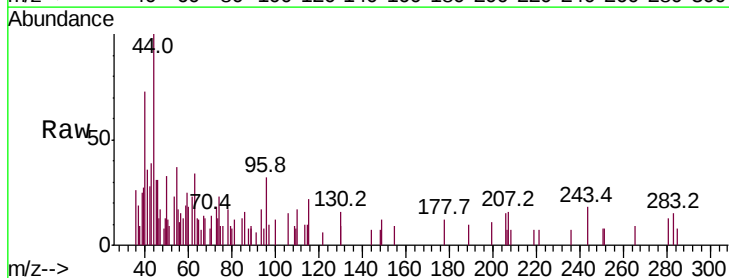
Instrument :
MSVOA_X
ClientSampleId :

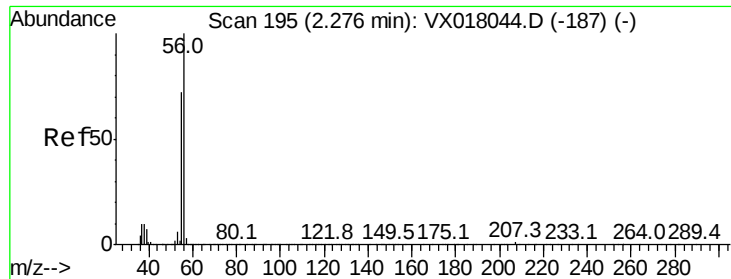
Tot Ion:142 Resp: 578
Ion Ratio Lower Upper
142 100
127 64.5 37.0 55.6#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 0.404 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018234.D
Acq: 03 Sep 2020 14:59

Tgt Ion: 59 Resp: 512
Ion Ratio Lower Upper
59 100
57 38.1 8.9 13.3#

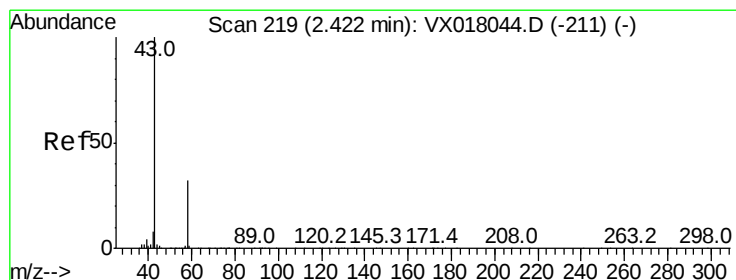
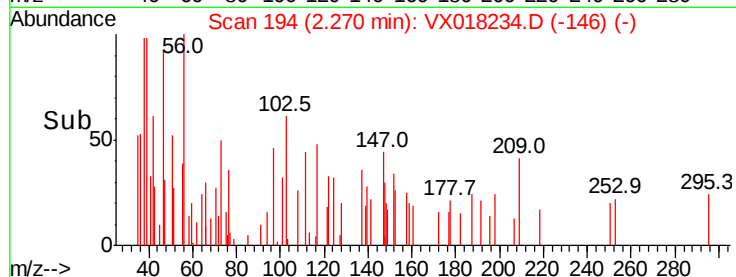
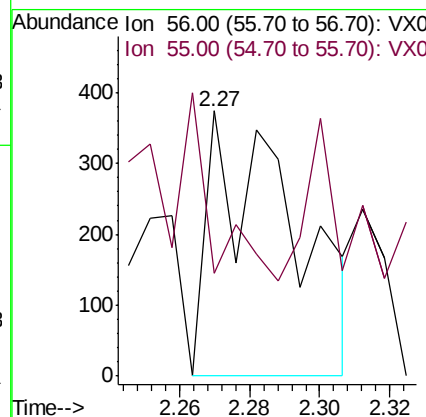
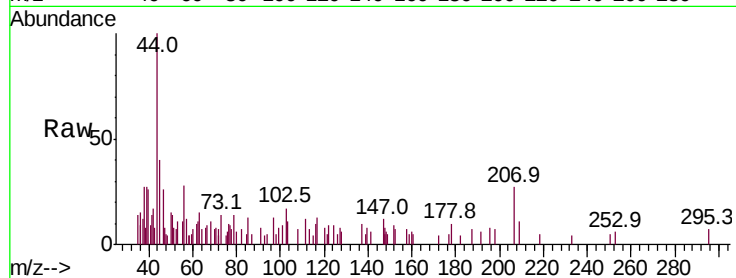




#13
Acrolein
Concen: 1.178 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018234.D
Acq: 03 Sep 2020 14:59

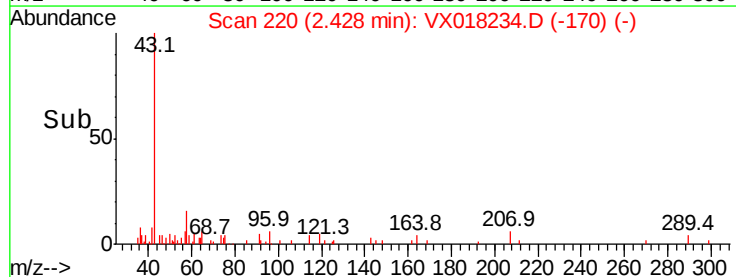
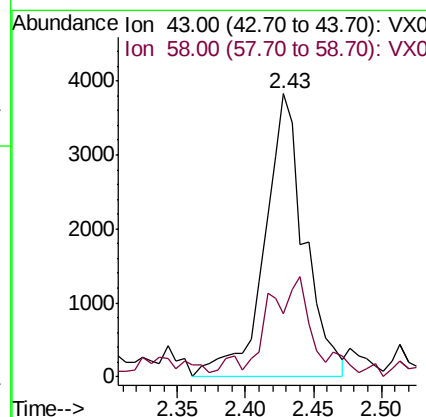
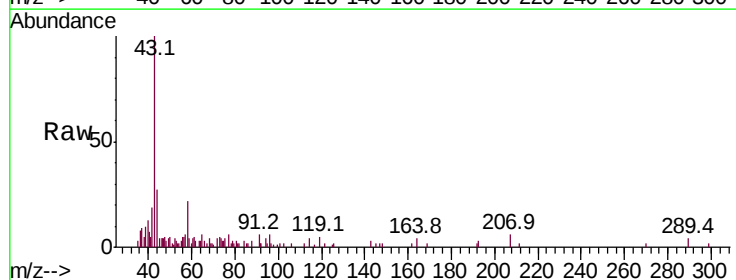
Instrument :
MSVOA_X
ClientSampled :

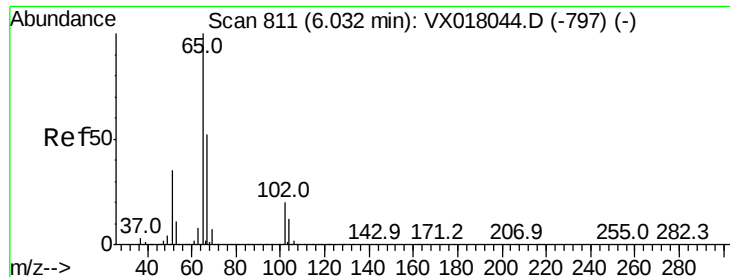
Tot Ion: 56 Resp: 619
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.6#



#16
Acetone
Concen: 3.092 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX018234.D
Acq: 03 Sep 2020 14:59

Tgt Ion: 43 Resp: 7853
Ion Ratio Lower Upper
43 100
58 18.0 25.5 38.3#





#33

1,2-Dichloroethane-d4

Concen: 52.688 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018234.D

Acq: 03 Sep 2020 14:59

Instrument :

MSVOA_X

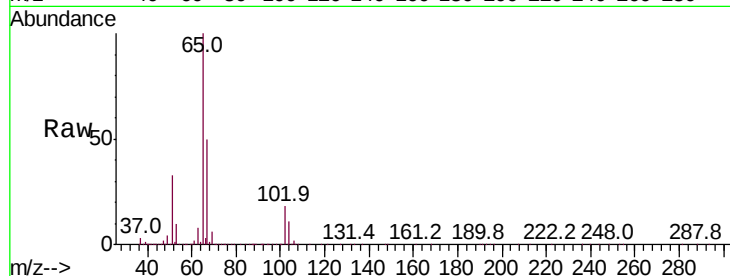
ClientSampleId :

Tot Ion: 65 Resp: 343419

Ion Ratio Lower Upper

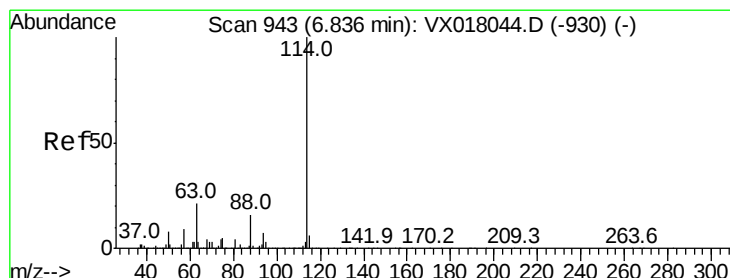
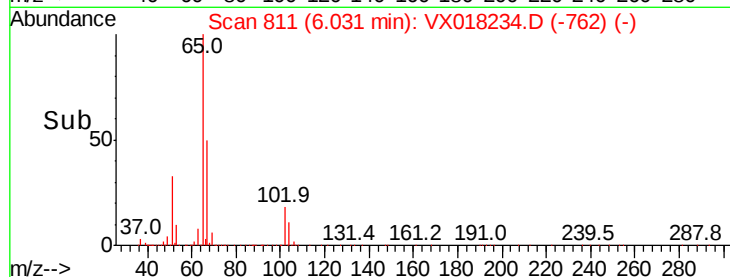
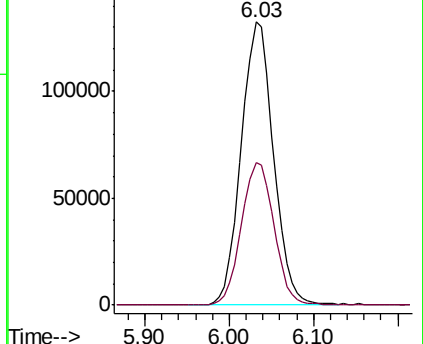
65 100

67 51.0 0.0 105.8



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. -0.00 min

Lab File: VX018234.D

Acq: 03 Sep 2020 14:59

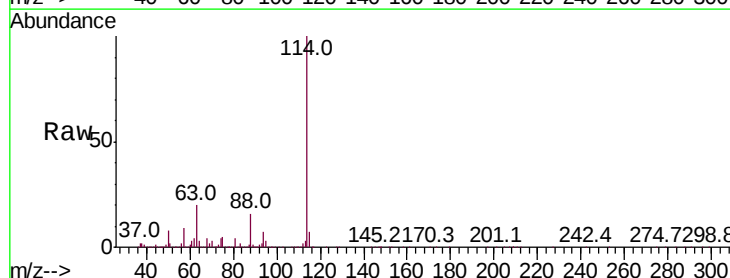
Tgt Ion: 114 Resp: 784818

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

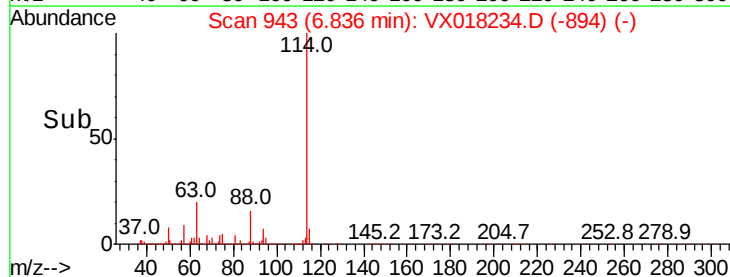
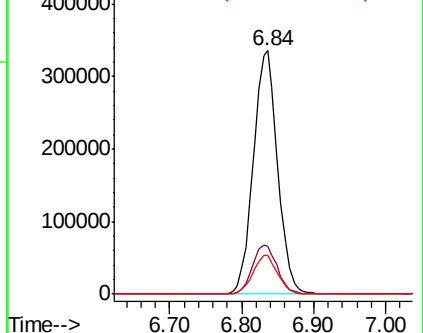
88 15.8 0.0 31.8

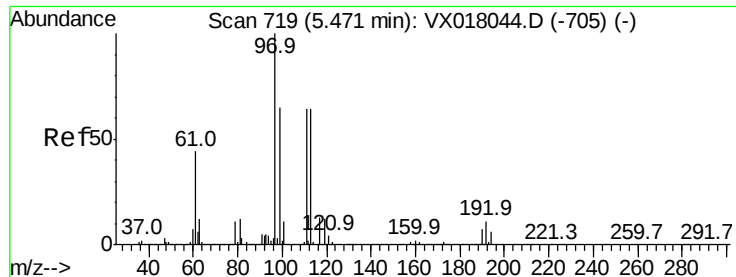


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.797 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018234.D

Acq: 03 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampled :

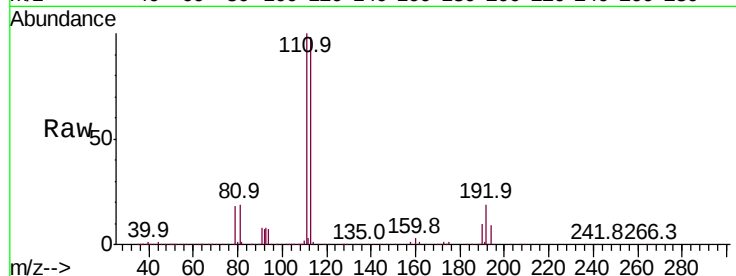
Tot Ion:113 Resp: 276854

Ion Ratio Lower Upper

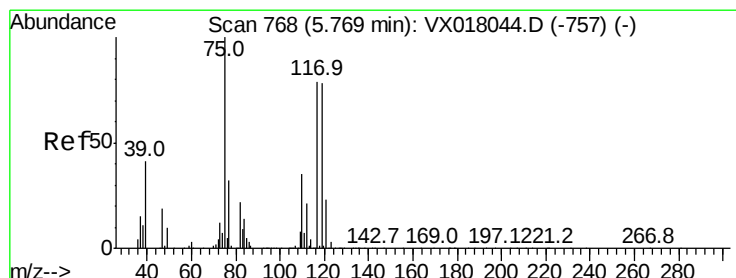
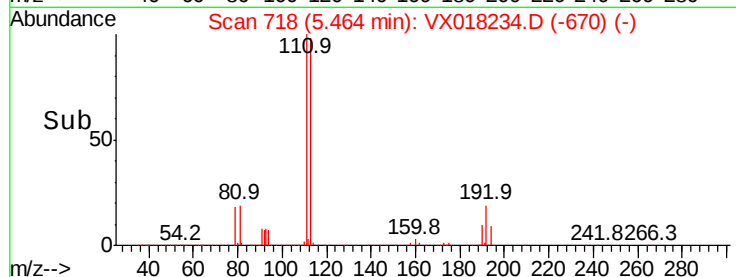
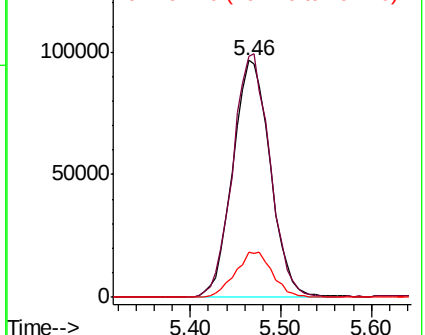
113 100

111 101.8 81.6 122.4

192 19.2 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: 5.053 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX018234.D

Acq: 03 Sep 2020 14:59

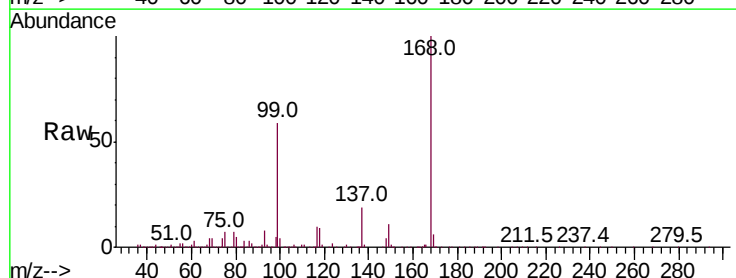
Tgt Ion: 75 Resp: 36576

Ion Ratio Lower Upper

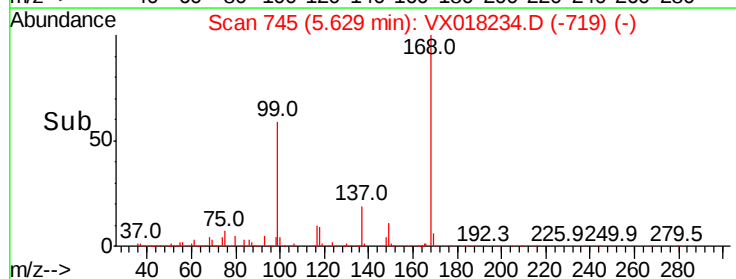
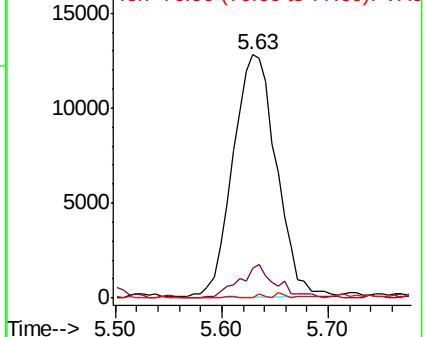
75 100

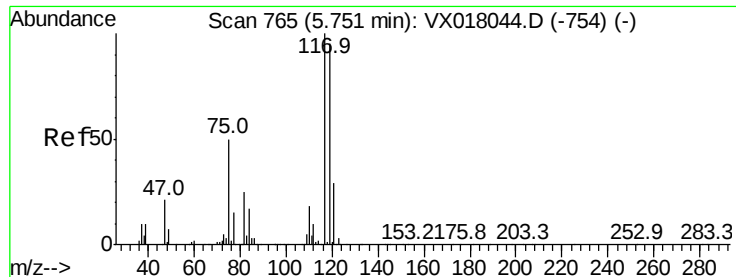
110 11.8 18.0 54.0#

77 0.4 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: 6.179 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX018234.D

Acq: 03 Sep 2020 14:59

Instrument :

MSVOA_X

ClientSampled :

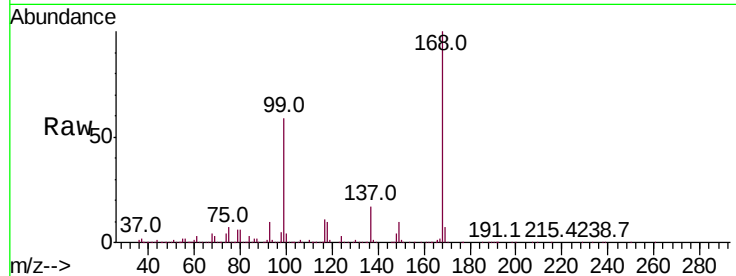
Tot Ion:117 Resp: 50403

Ion Ratio Lower Upper

117 100

119 6.2 75.8 113.6#

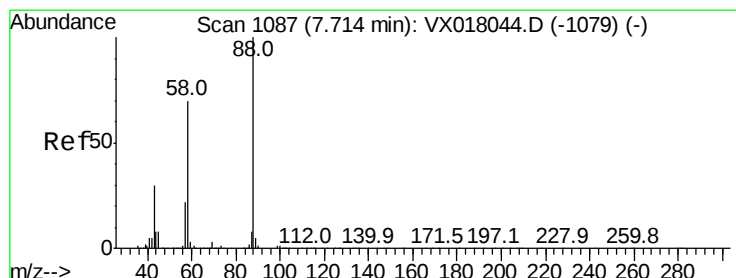
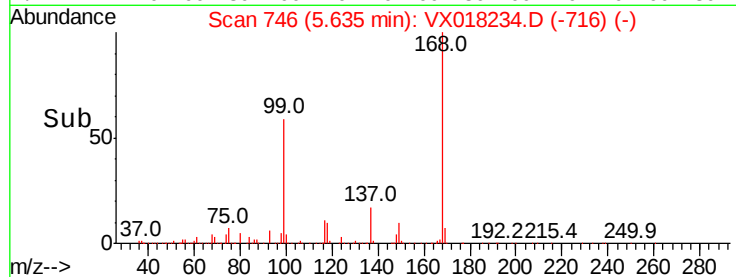
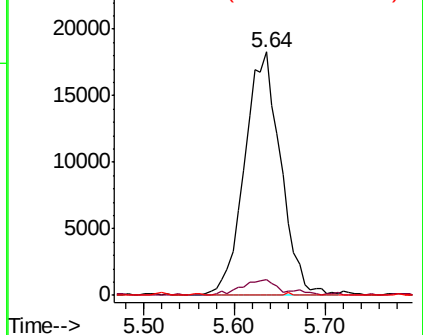
121 0.0 23.4 35.0#



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



#49

1,4-Dioxane

Concen: 0.817 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018234.D

Acq: 03 Sep 2020 14:59

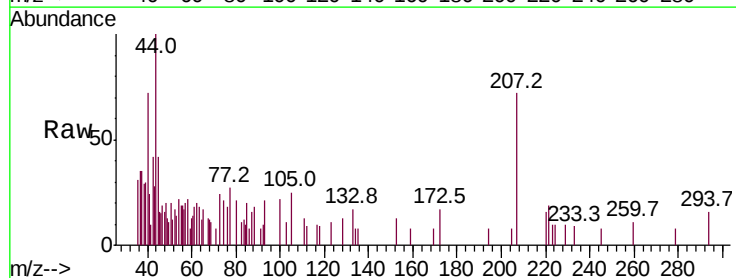
Tgt Ion: 88 Resp: 100

Ion Ratio Lower Upper

88 100

43 0.0 27.4 41.0#

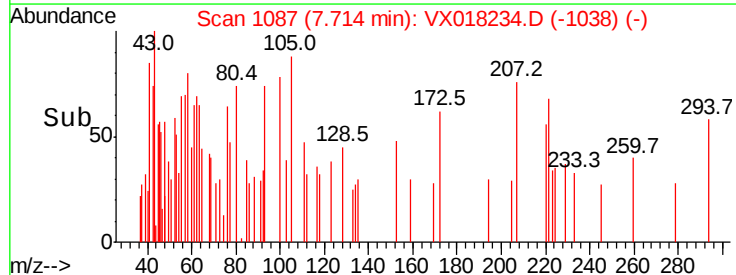
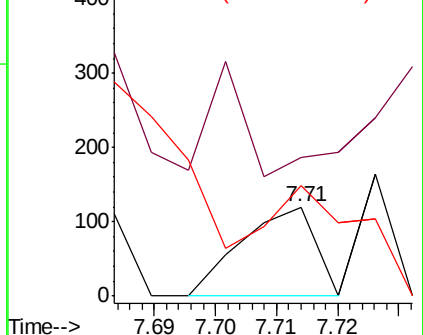
58 128.0 56.4 84.6#

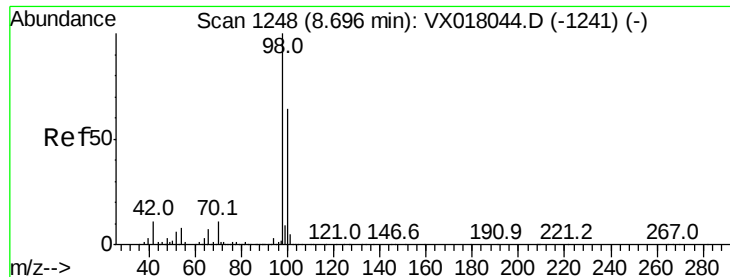


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 47.465 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018234.D

Acq: 03 Sep 2020 14:59

Instrument :

MSVOA_X

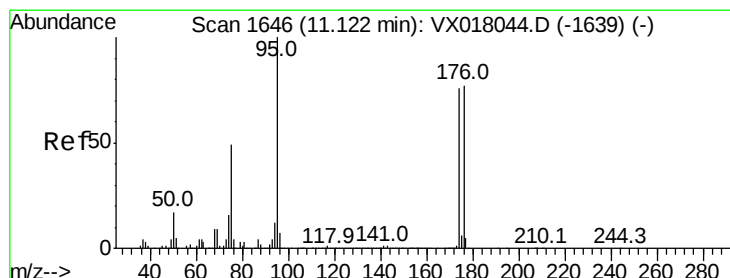
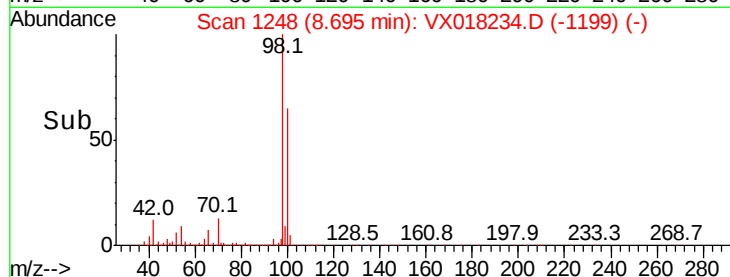
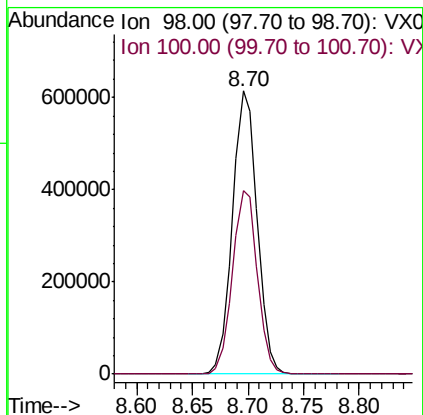
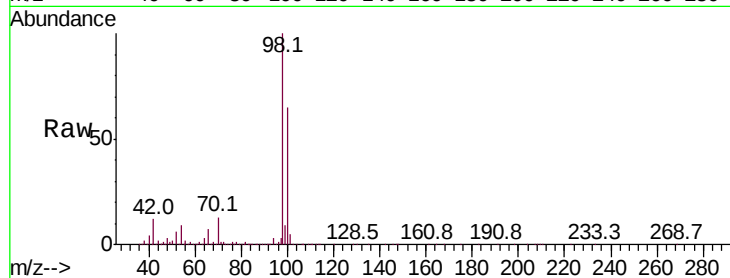
ClientSampleId :

Tot Ion: 98 Resp: 944913

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 43.344 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018234.D

Acq: 03 Sep 2020 14:59

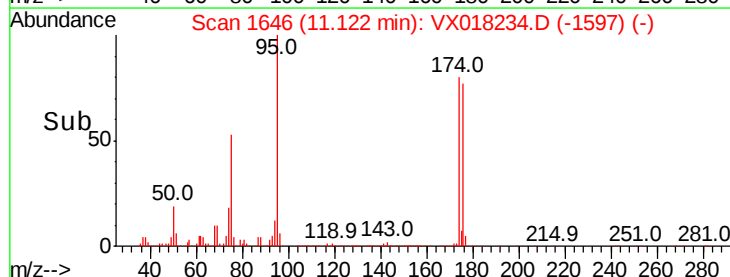
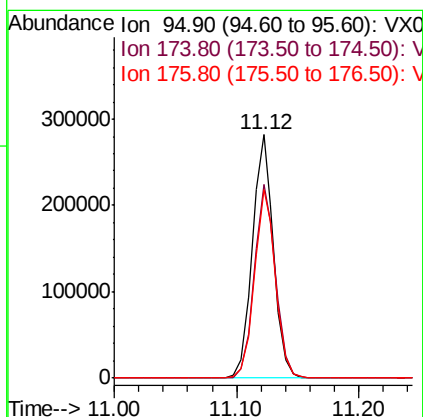
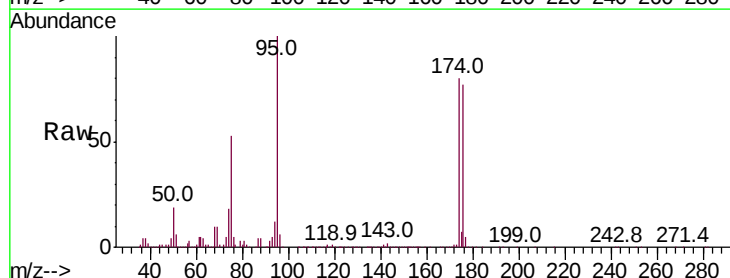
Tgt Ion: 95 Resp: 339491

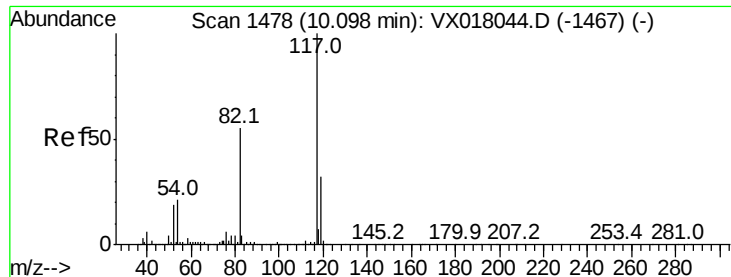
Ion Ratio Lower Upper

95 100

174 80.5 0.0 160.2

176 77.3 0.0 155.8

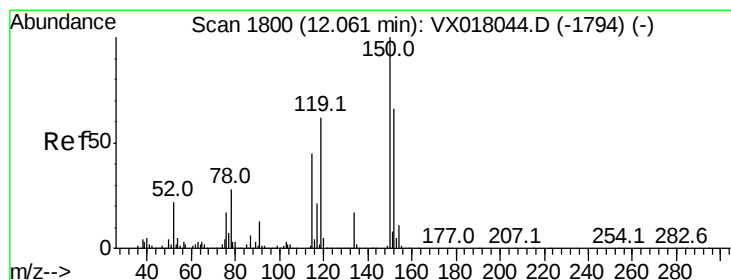
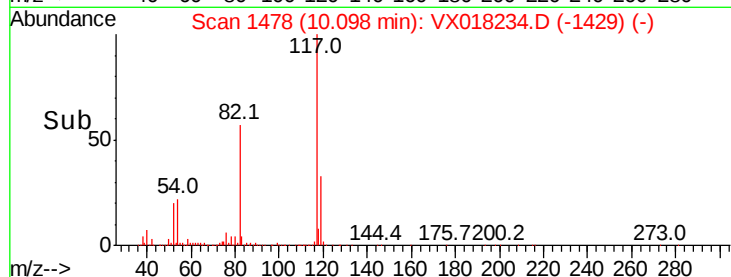
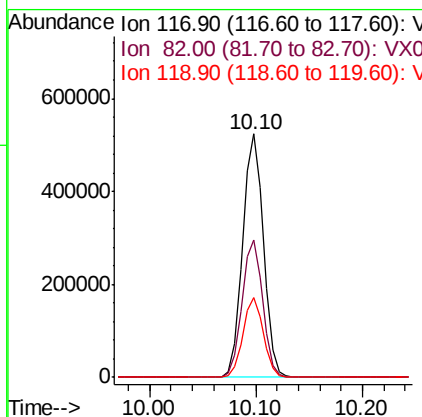
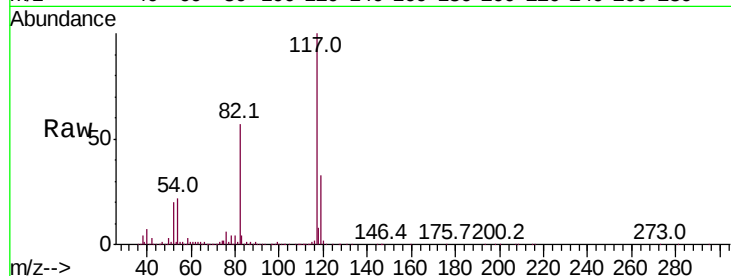




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018234.D
Acq: 03 Sep 2020 14:59

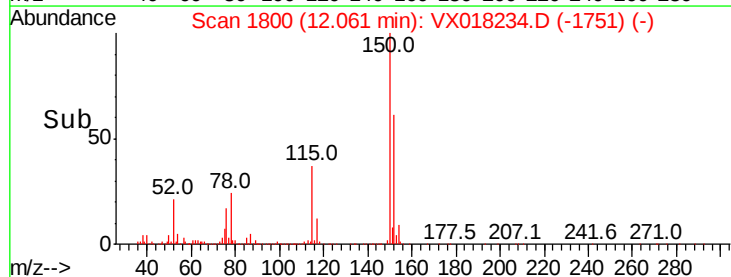
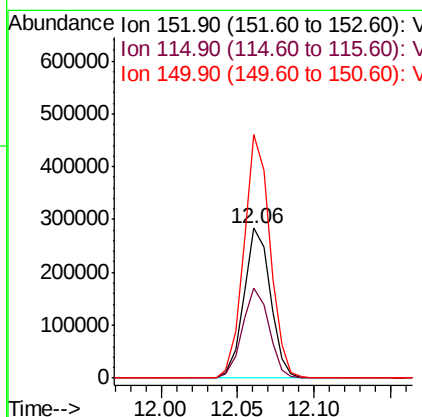
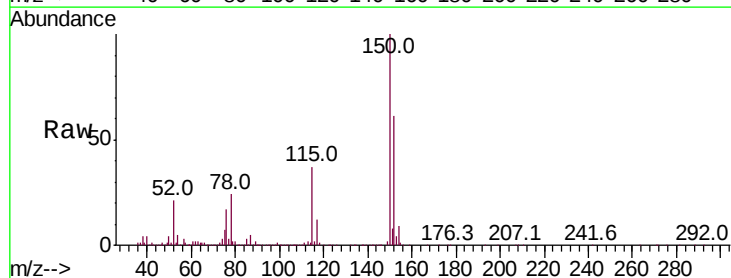
Instrument :
MSVOA_X
ClientSampleId :

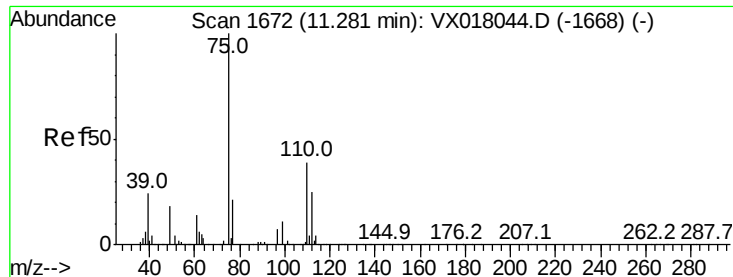
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.2	66.2
119	32.7	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018234.D
Acq: 03 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	41.5	124.5
150	159.7	0.0	343.8





#76

1,2,3-Trichloropropane

Concen: 23.268 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018234.D

Acq: 03 Sep 2020 14:59

Instrument :

MSVOA_X

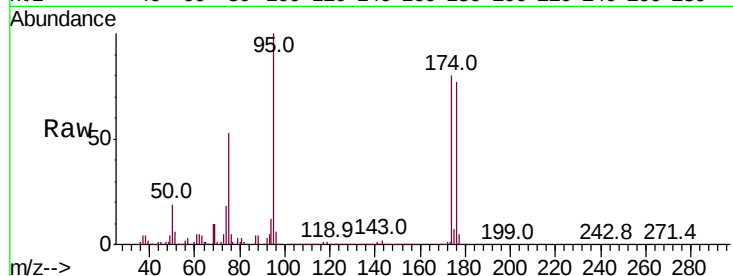
ClientSampleId :

Tot Ion: 75 Resp: 176898

Ion Ratio Lower Upper

75 100

77 1.1 20.8 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.12

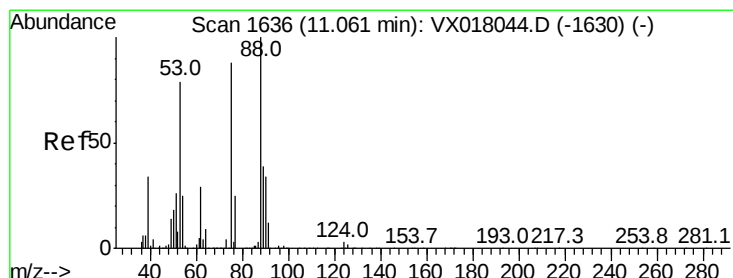
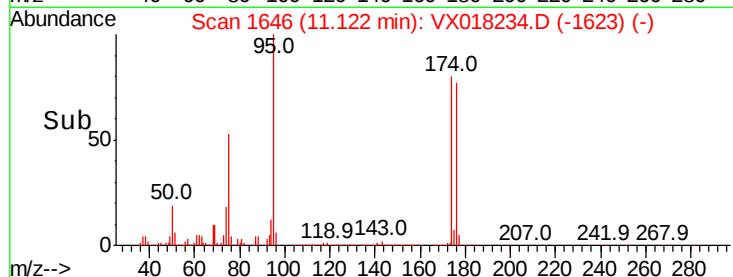
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 62.843 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018234.D

Acq: 03 Sep 2020 14:59

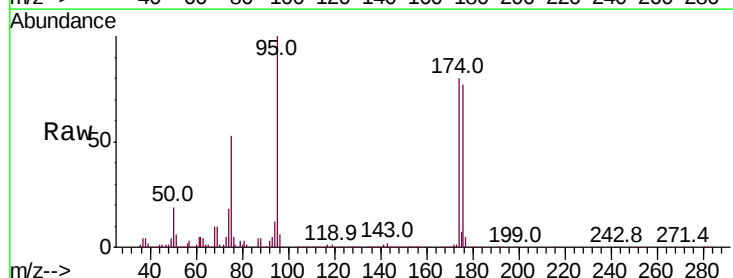
Tgt Ion: 75 Resp: 176898

Ion Ratio Lower Upper

75 100

53 0.4 74.7 112.1#

89 0.1 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

200000

150000

100000

50000

0

Time-->

