

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
 Data File : VX019815.D
 Acq On : 10 Dec 2020 11:14
 Operator : JC/MD
 Sample : L5009-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Quant Time: Dec 11 00:49:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	332568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	548746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	497968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	206350	47.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.42%		
35) Dibromofluoromethane	5.46	113	166481	46.94	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.88%		
50) Toluene-d8	8.70	98	656105	48.46	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.92%		
62) 4-Bromofluorobenzene	11.12	95	230546	44.74	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.48%		

Target Compounds

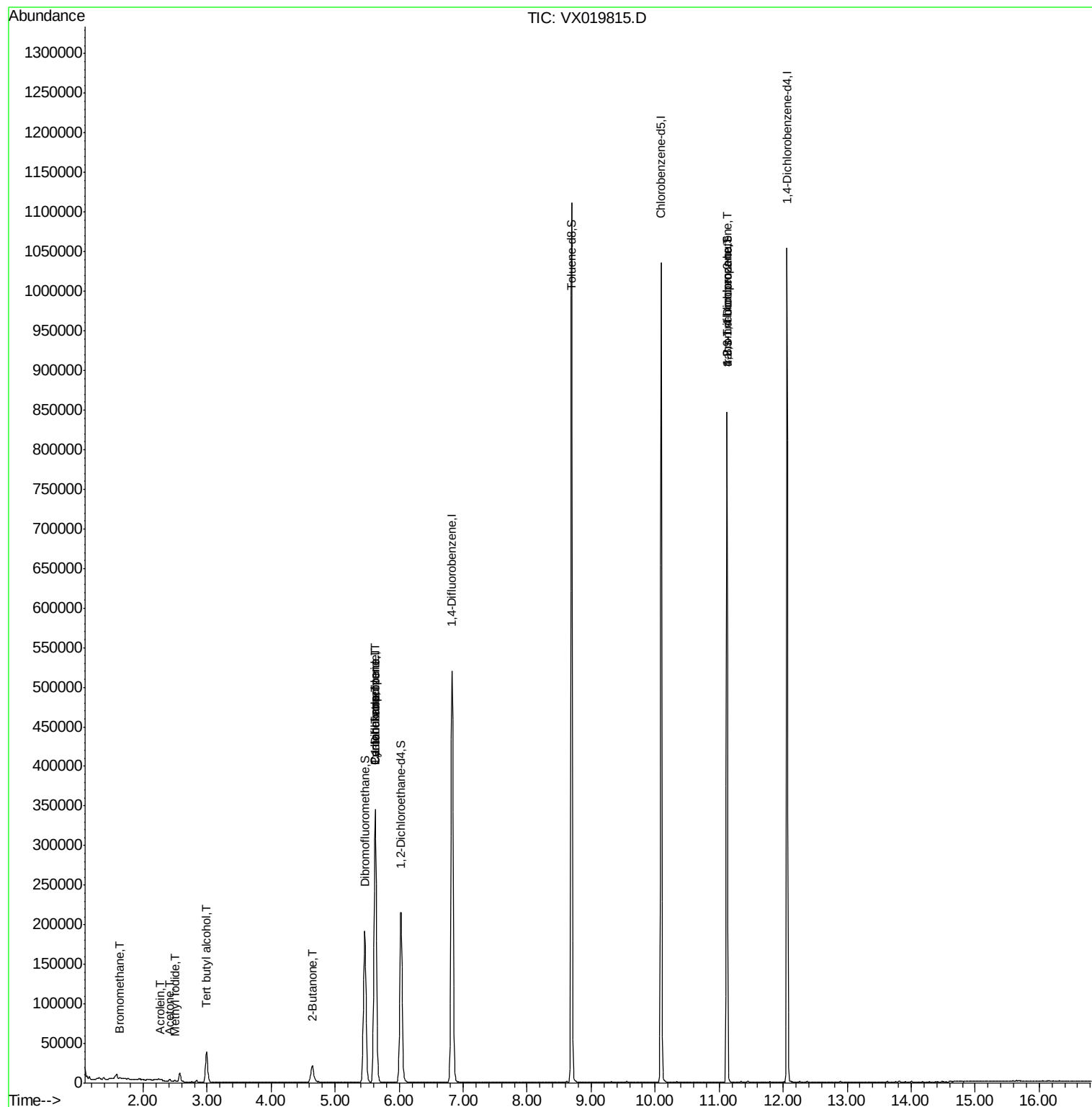
					Qvalue	
5) Bromomethane	1.63	94	980	0.782	ug/l #	80
10) Methyl Iodide	2.50	142	1792	0.403	ug/l #	94
11) Tert butyl alcohol	2.99	59	24339	24.731	ug/l #	79
13) Acrolein	2.26	56	178	0.369	ug/l #	55
16) Acetone	2.42	43	2736	1.665	ug/l	94
20) Methylene Chloride	2.83	84	1062	Below Cal	#	92
25) 2-Butanone	4.64	43	1567	0.621	ug/l #	76
31) Cyclohexane	5.62	56	6341	1.166	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	25010	5.044	ug/l #	48
38) Carbon Tetrachloride	5.63	117	32598	6.713	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	110759	23.537	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	110759	68.042	ug/l #	12

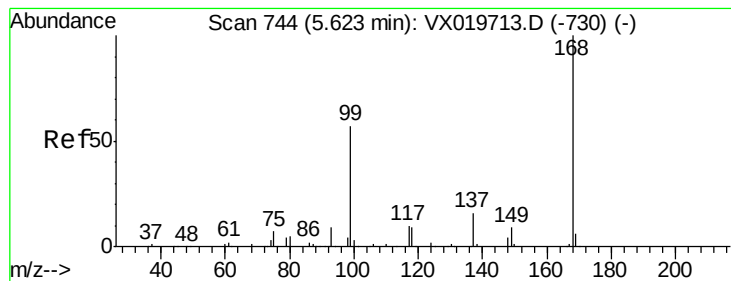
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
Data File : VX019815.D
Acq On : 10 Dec 2020 11:14
Operator : JC/MD
Sample : L5009-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Quant Time: Dec 11 00:49:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019815.D

Acq: 10 Dec 2020 11:14

Instrument :

MSVOA_X

ClientSampled :

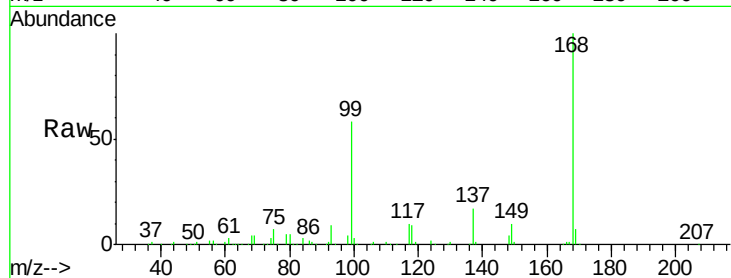
FIELD-BLANK

Tgt Ion: 168 Resp: 332568

Ion Ratio Lower Upper

168 100

99 57.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

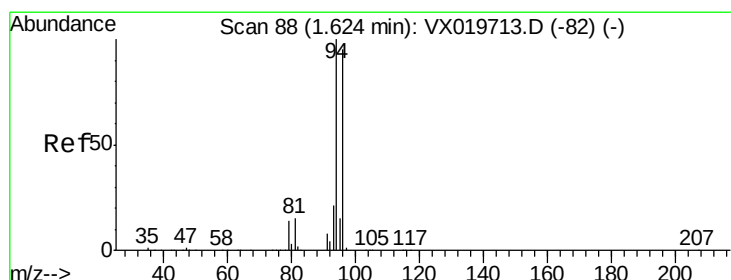
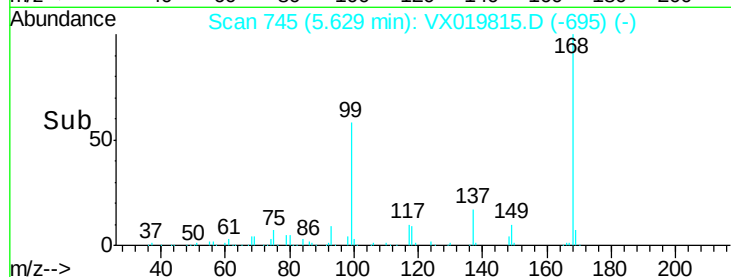
100000

50000

0

Time-->

5.50 5.60 5.70



#5

Bromomethane

Concen: 0.782 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX019815.D

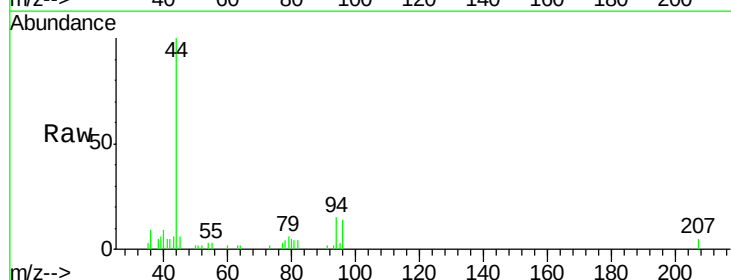
Acq: 10 Dec 2020 11:14

Tgt Ion: 94 Resp: 980

Ion Ratio Lower Upper

94 100

96 75.6 76.4 114.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

500

400

300

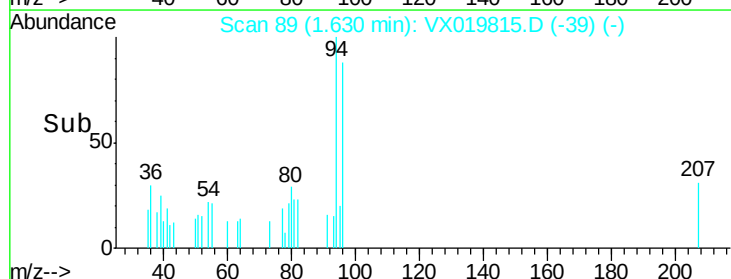
200

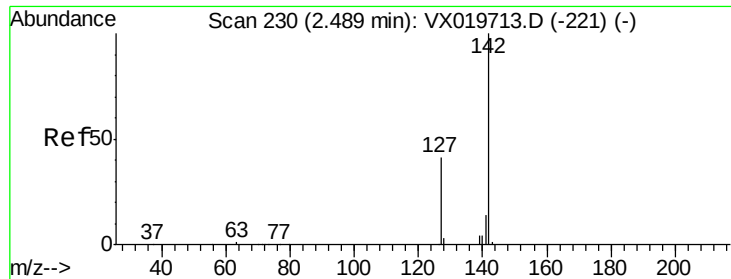
100

0

Time-->

1.60 1.65 1.70

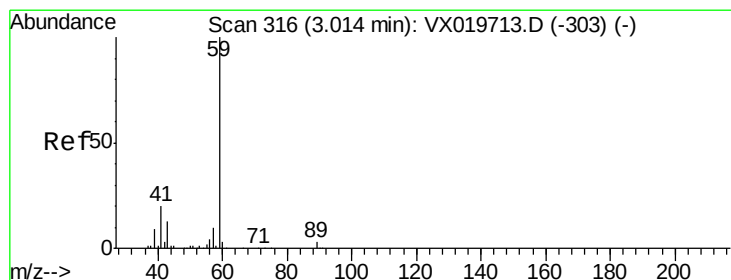
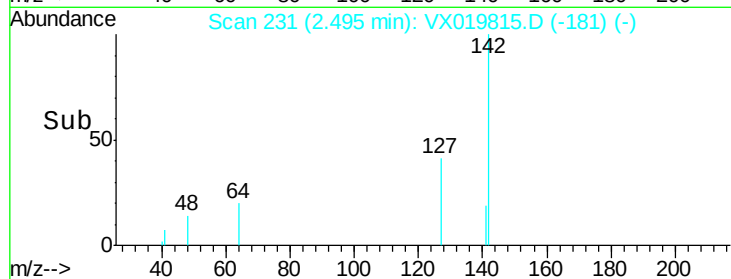
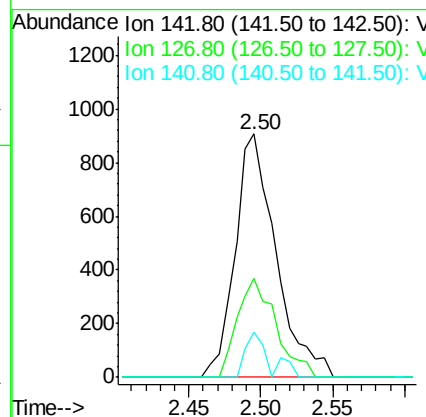
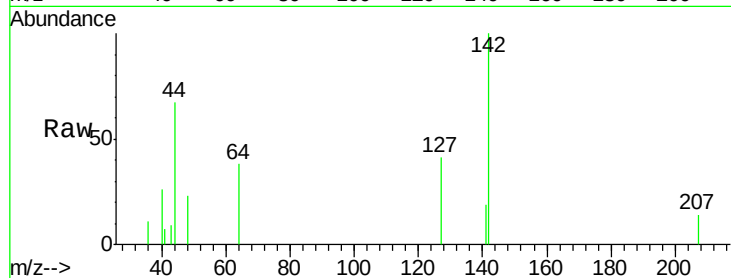




#10
Methyl Iodide
Concen: 0.403 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX019815.D
Acq: 10 Dec 2020 11:14

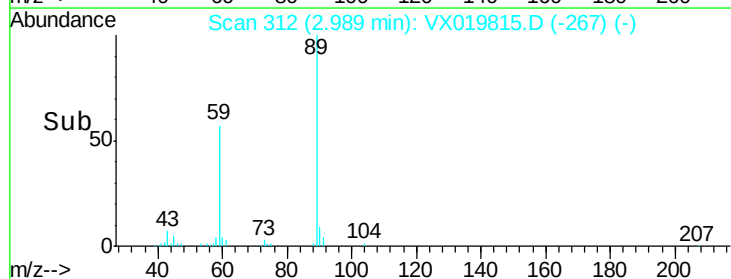
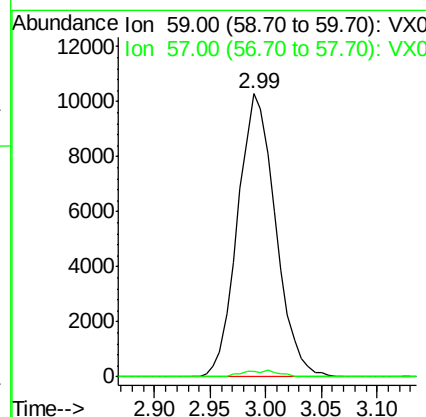
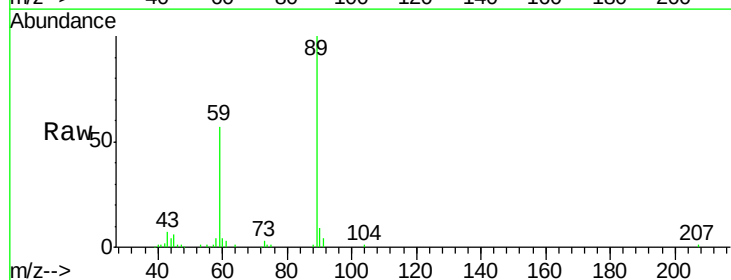
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

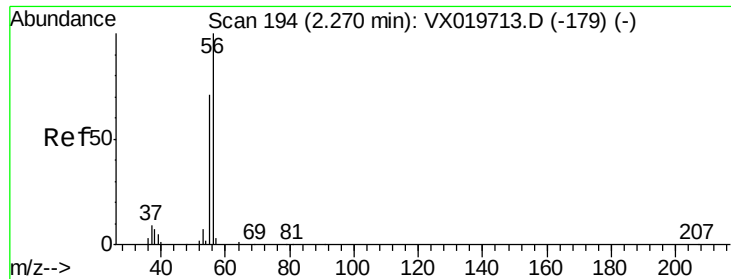
Tgt Ion: 142 Resp: 1792
Ion Ratio Lower Upper
142 100
127 38.3 33.3 49.9
141 10.8 11.4 17.0#



#11
Tert butyl alcohol
Concen: 24.731 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX019815.D
Acq: 10 Dec 2020 11:14

Tgt Ion: 59 Resp: 24339
Ion Ratio Lower Upper
59 100
57 2.1 7.8 11.8#





#13

Acrolein

Concen: 0.369 ug/l

RT: 2.26 min Scan# 193

Delta R.T. -0.01 min

Lab File: VX019815.D

Acq: 10 Dec 2020 11:14

Instrument :

MSVOA_X

ClientSampled :

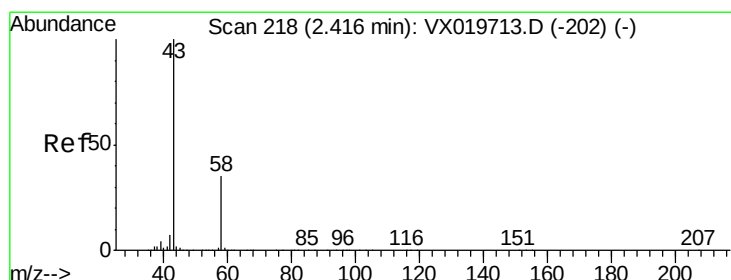
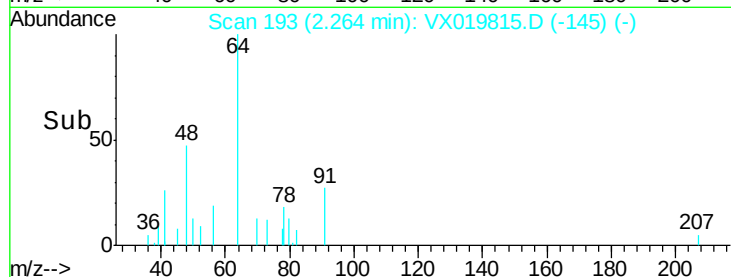
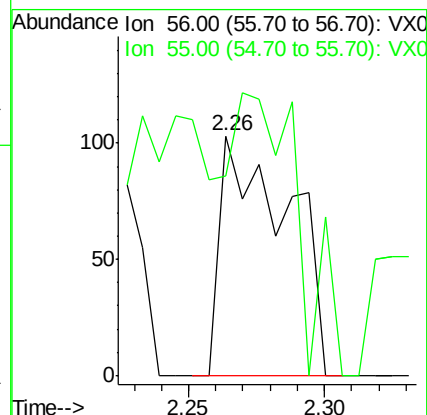
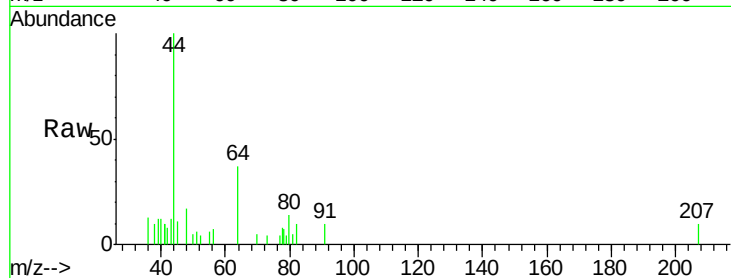
FIELD-BLANK

Tgt Ion: 56 Resp: 178

Ion Ratio Lower Upper

56 100

55 107.3 56.4 84.6#



#16

Acetone

Concen: 1.665 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019815.D

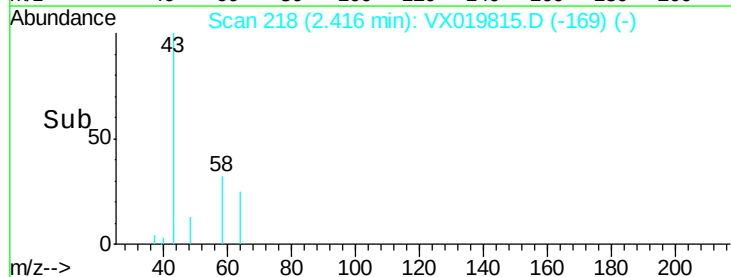
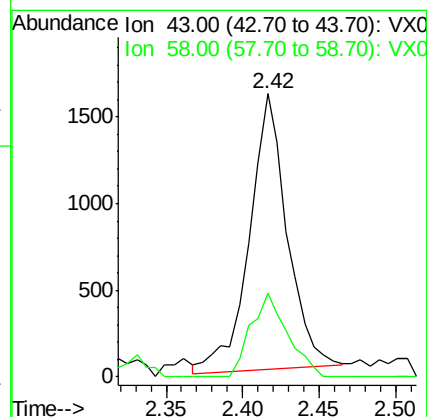
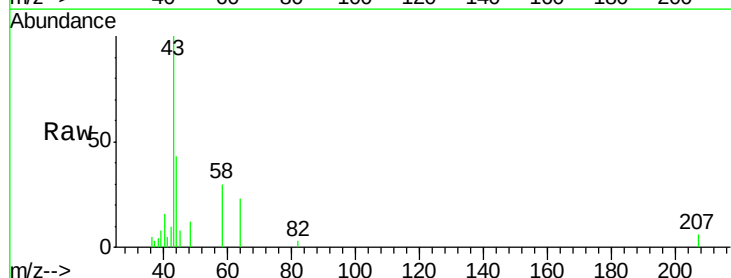
Acq: 10 Dec 2020 11:14

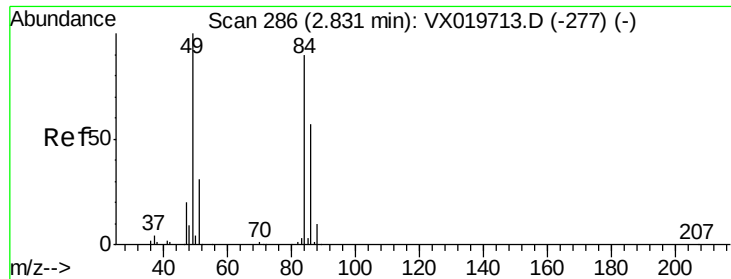
Tgt Ion: 43 Resp: 2736

Ion Ratio Lower Upper

43 100

58 31.1 27.8 41.8

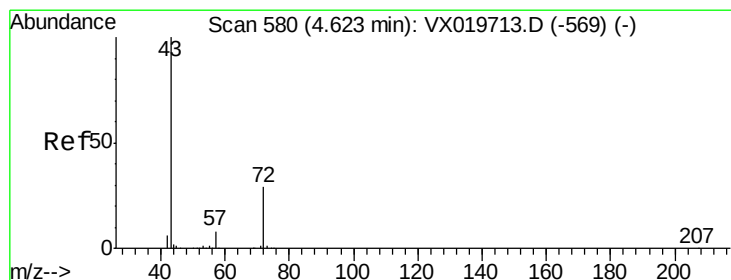
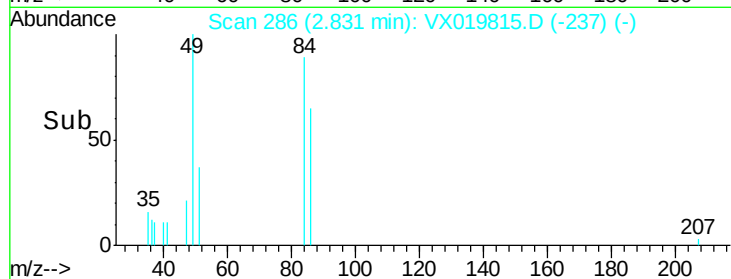
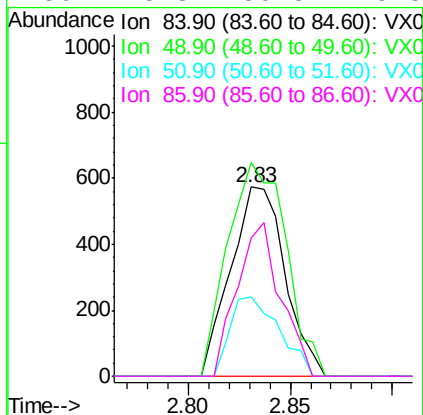
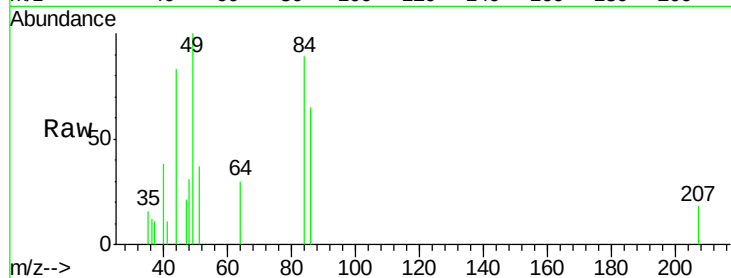




#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019815.D
Acq: 10 Dec 2020 11:14

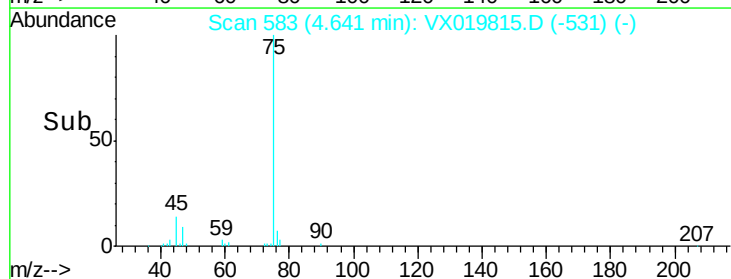
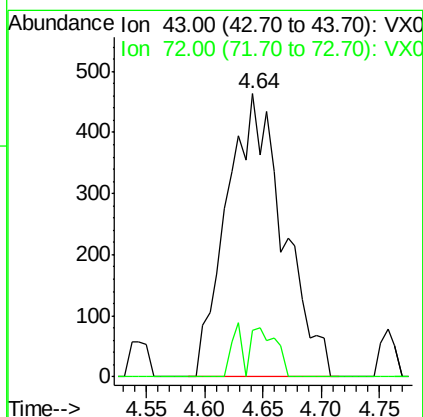
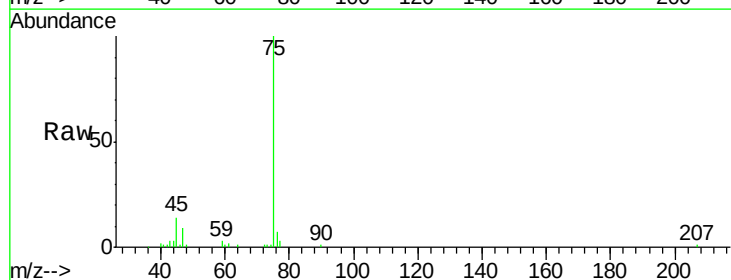
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

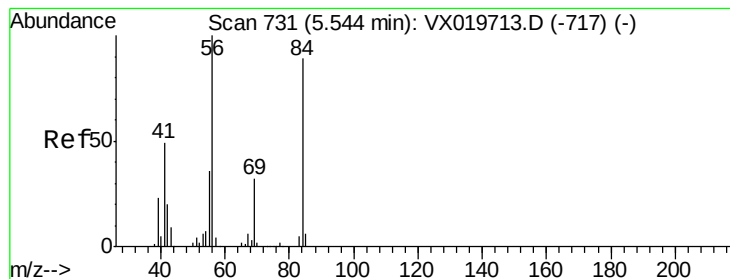
Tgt Ion:	84	Resp:	1062
Ion	Ratio	Lower	Upper
84	100		
49	112.9	88.6	132.8
51	42.1	27.0	40.6#
86	73.3	50.3	75.5



#25
2-Butanone
Concen: 0.621 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.02 min
Lab File: VX019815.D
Acq: 10 Dec 2020 11:14

Tgt Ion:	43	Resp:	1567
Ion	Ratio	Lower	Upper
43	100		
72	16.6	23.7	35.5#





#31

Cyclohexane

Concen: 1.166 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.08 min

Lab File: VX019815.D

Acq: 10 Dec 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

FIELD-BLANK

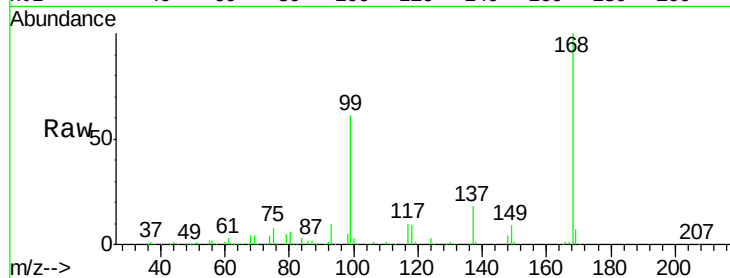
Tgt Ion: 56 Resp: 6341

Ion Ratio Lower Upper

56 100

69 205.8 25.3 37.9#

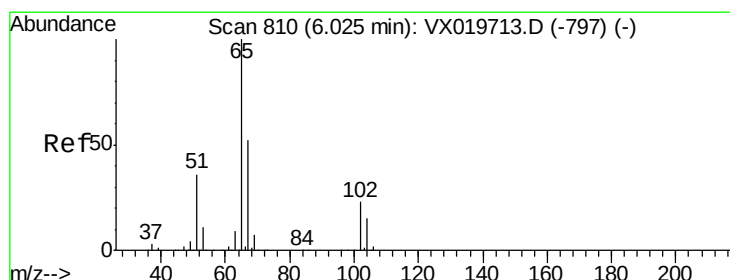
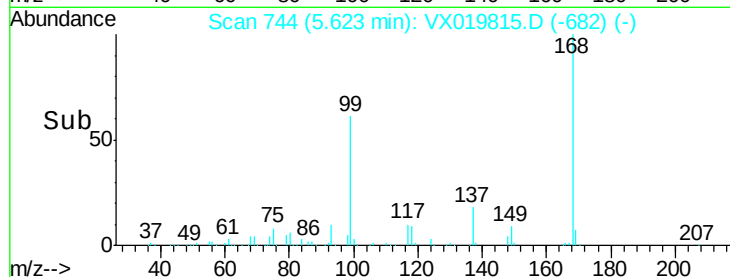
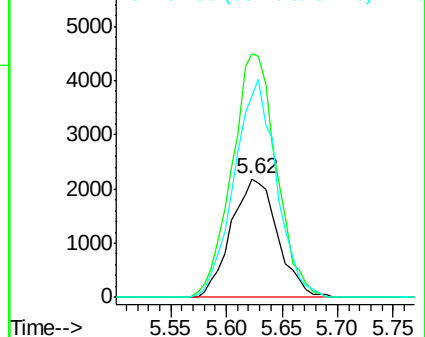
84 170.5 71.4 107.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.210 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019815.D

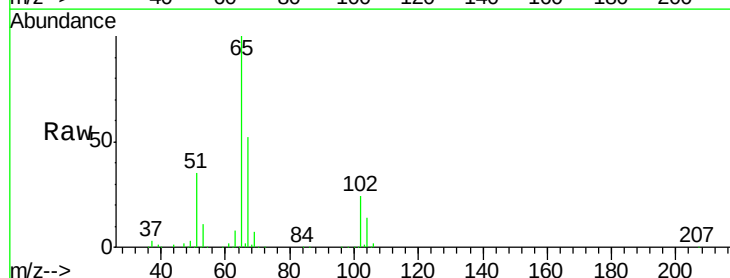
Acq: 10 Dec 2020 11:14

Tgt Ion: 65 Resp: 206350

Ion Ratio Lower Upper

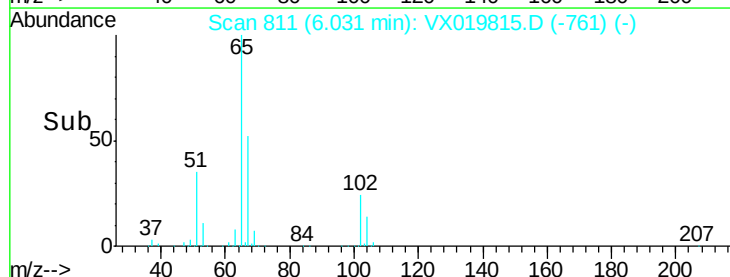
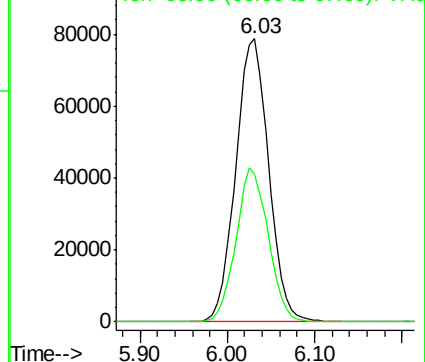
65 100

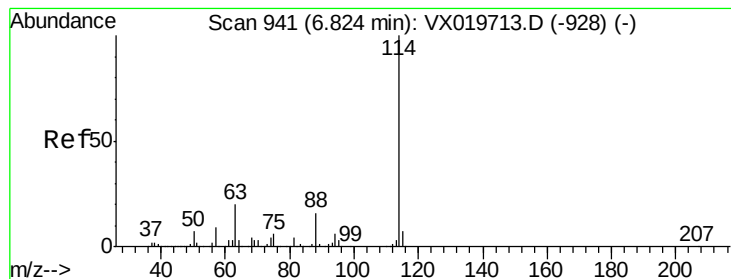
67 53.4 0.0 105.4



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: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019815.D

Acq: 10 Dec 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

FIELD-BLANK

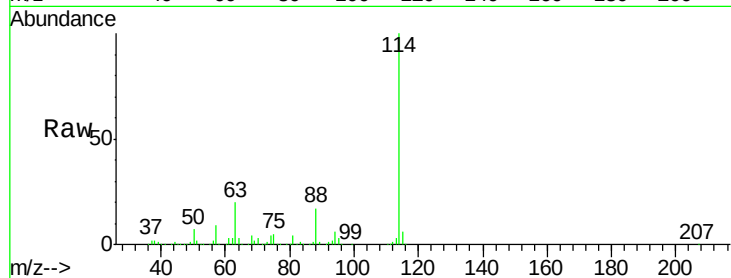
Tgt Ion:114 Resp: 548746

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

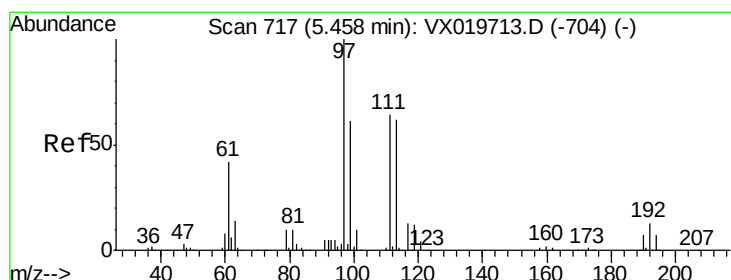
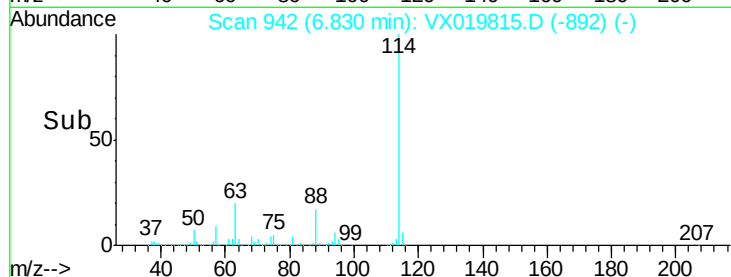
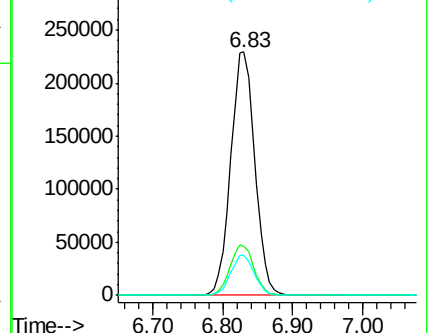
88 16.7 0.0 32.8



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: 46.943 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019815.D

Acq: 10 Dec 2020 11:14

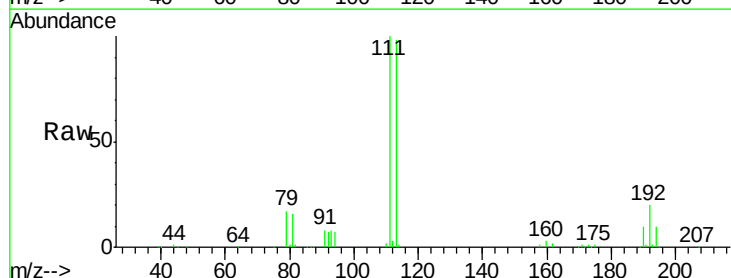
Tgt Ion:113 Resp: 166481

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

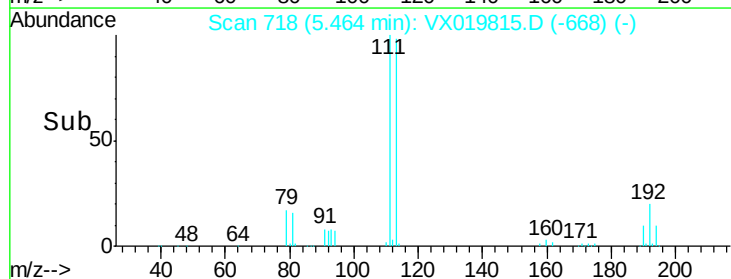
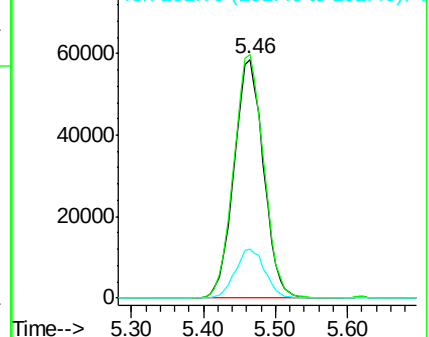
192 20.8 16.7 25.1

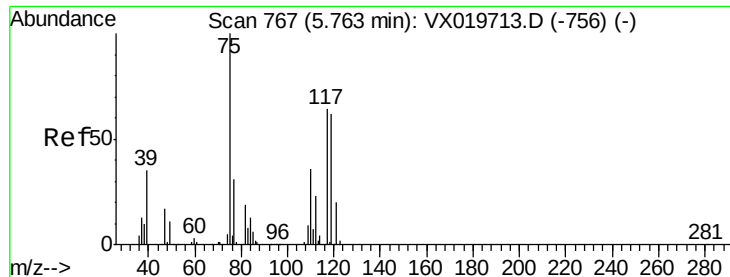


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

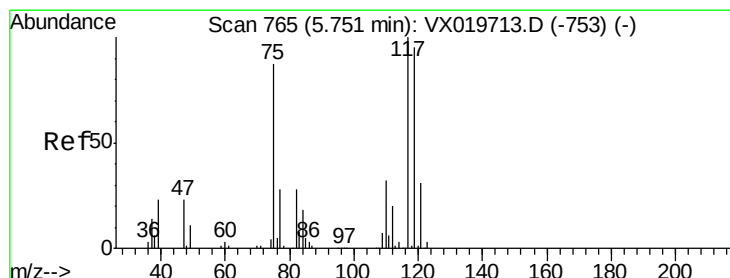
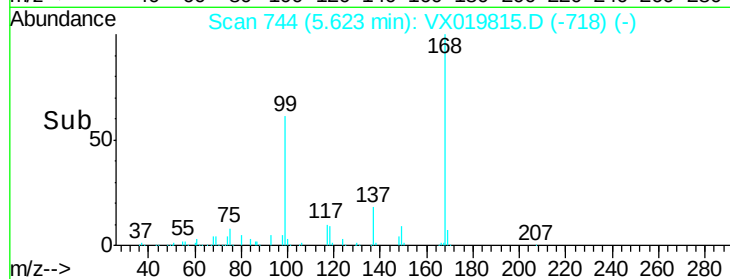
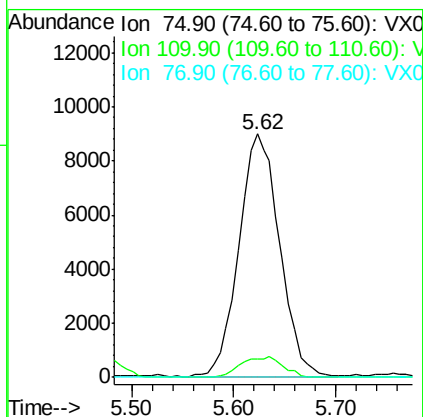
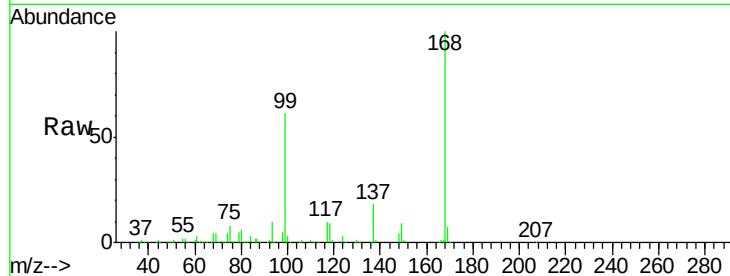




#36
 1,1-Dichloropropene
 Concen: 5.044 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.14 min
 Lab File: VX019815.D
 Acq: 10 Dec 2020 11:14

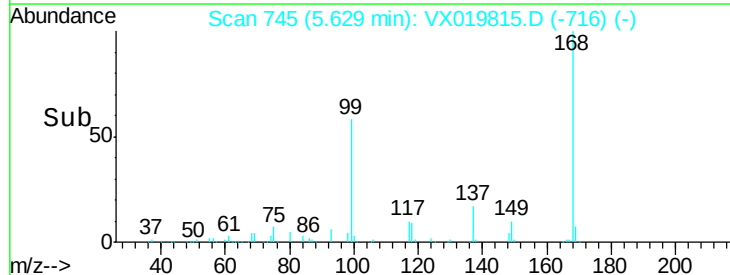
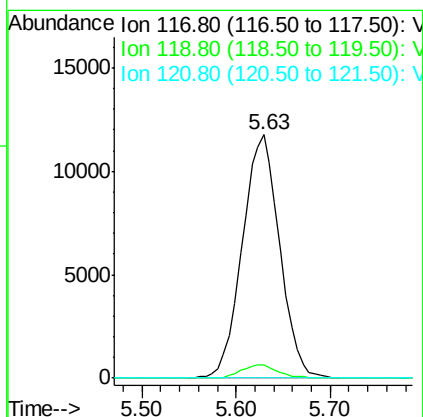
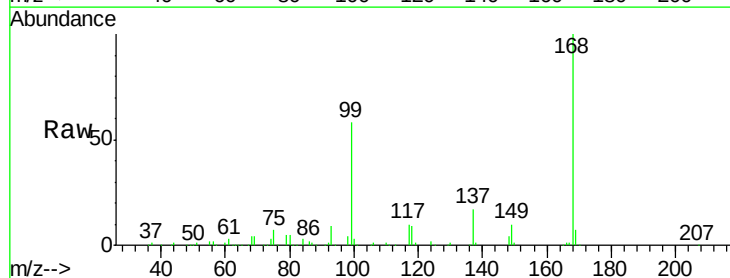
Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

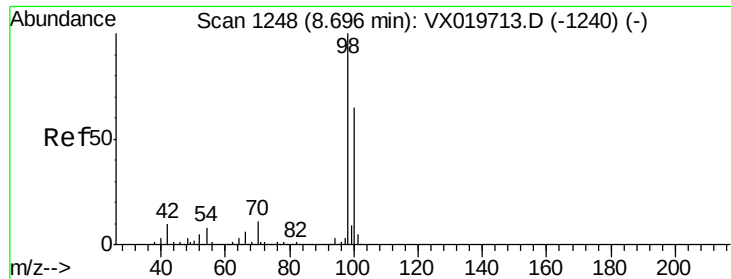
Tgt Ion: 75 Resp: 25010
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.1 54.4#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.713 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.12 min
 Lab File: VX019815.D
 Acq: 10 Dec 2020 11:14

Tgt Ion: 117 Resp: 32598
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.2 114.2#
 121 0.0 24.8 37.2#

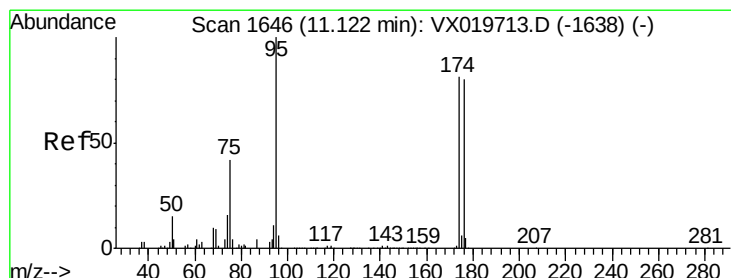
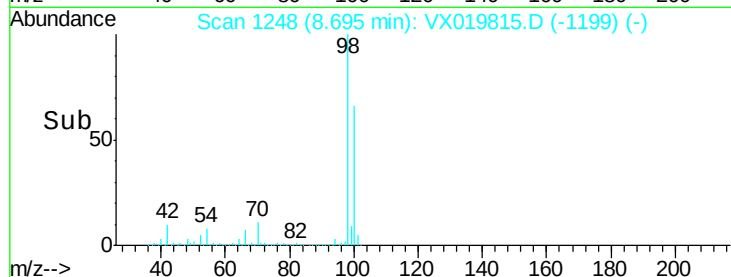
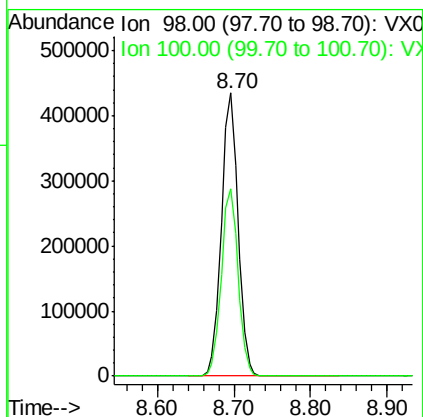
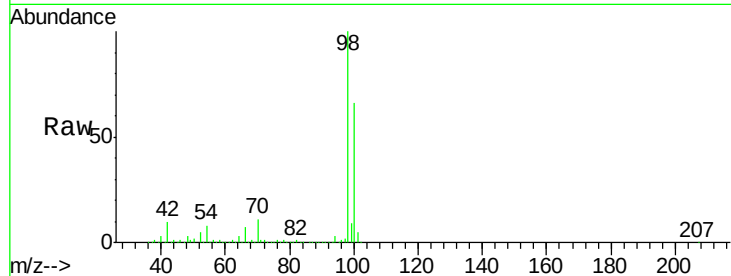




#50
Toluene-d8
Concen: 48.459 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019815.D
Acq: 10 Dec 2020 11:14

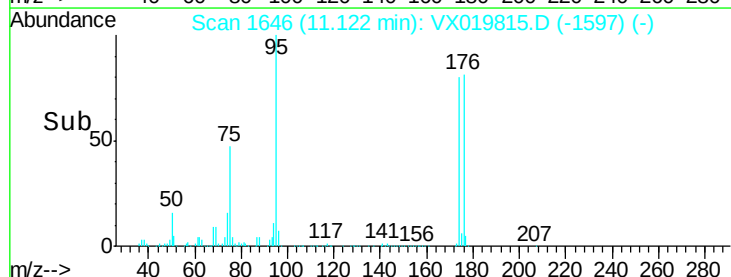
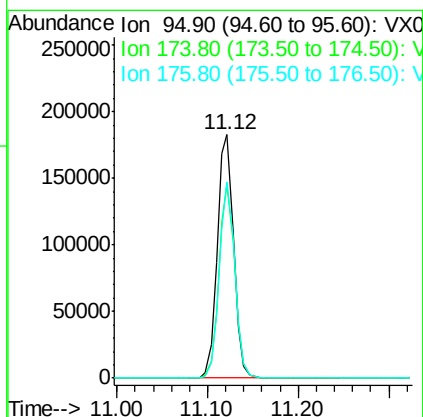
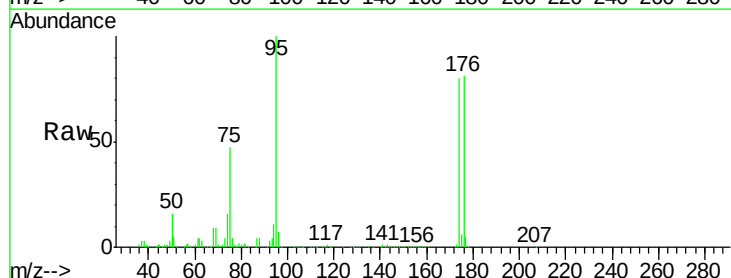
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

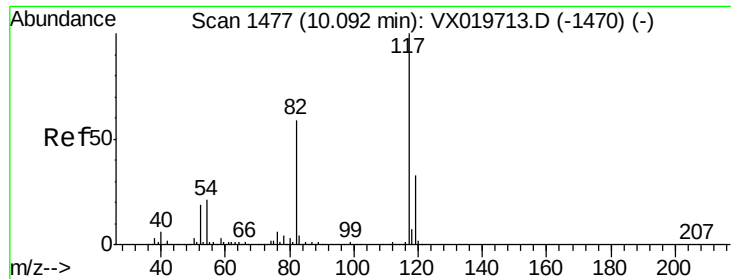
Tgt Ion: 98 Resp: 656105
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.738 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019815.D
Acq: 10 Dec 2020 11:14

Tgt Ion: 95 Resp: 230546
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 76.5 0.0 155.8

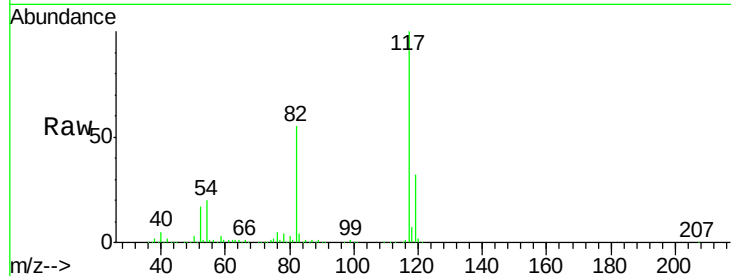




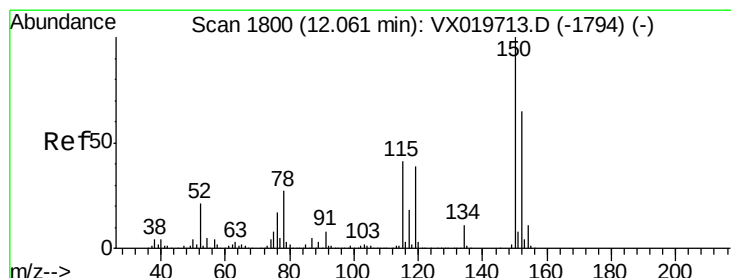
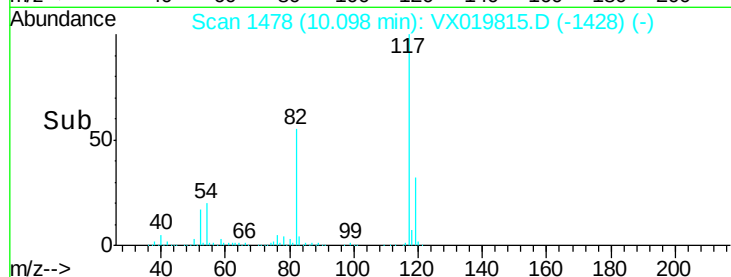
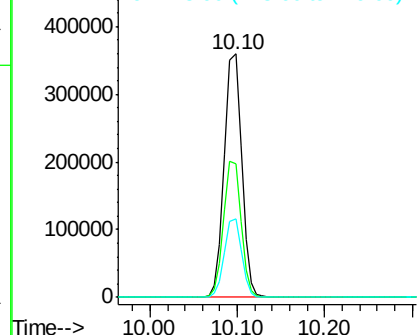
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019815.D
Acq: 10 Dec 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion:117 Resp: 497968
Ion Ratio Lower Upper
117 100
82 54.7 47.4 71.2
119 32.1 26.6 39.8

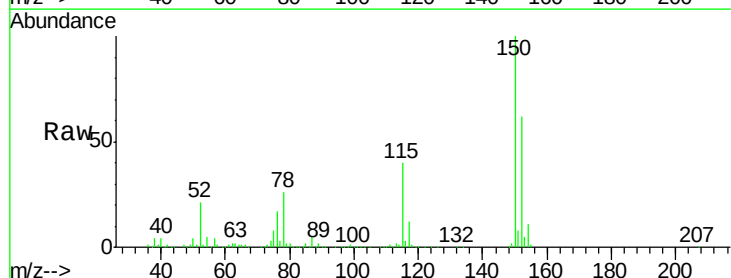


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

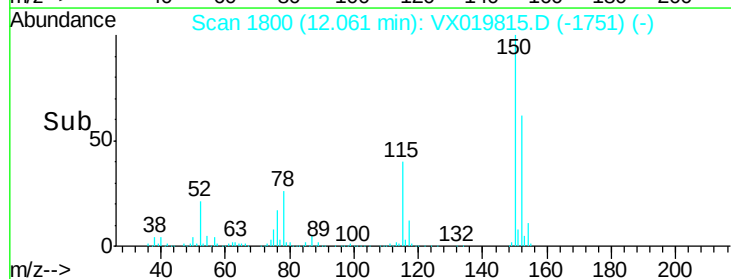
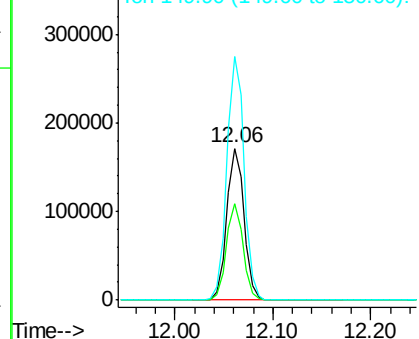


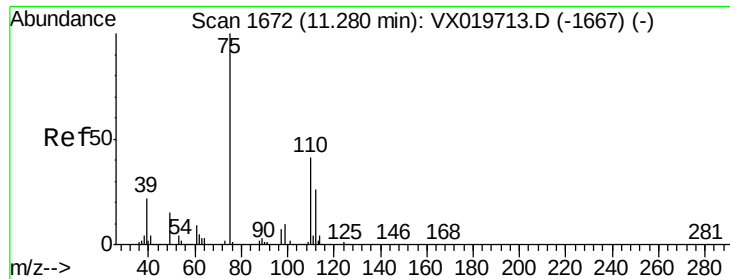
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019815.D
Acq: 10 Dec 2020 11:14

Tgt Ion:152 Resp: 209809
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 159.4 0.0 349.0



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

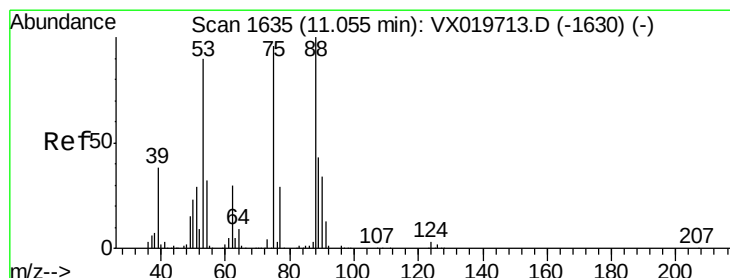
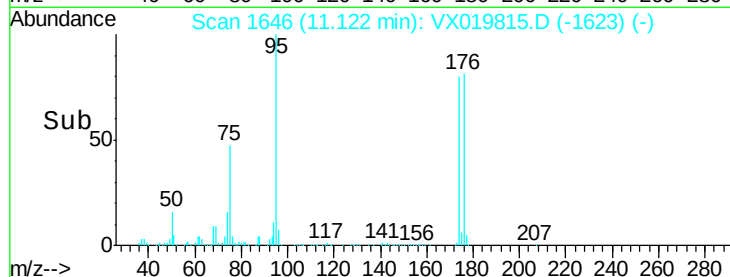
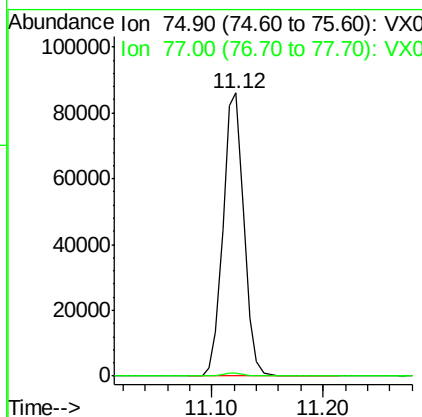
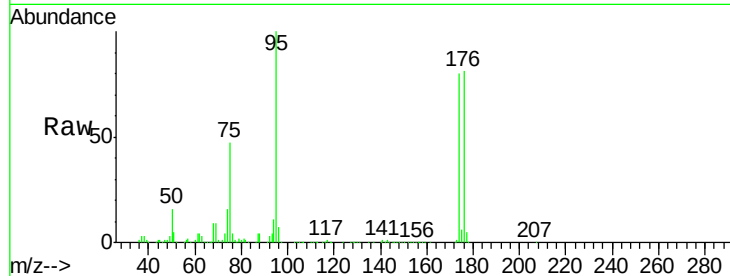




#76
 1,2,3-Trichloropropane
 Concen: 23.537 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX019815.D
 Acq: 10 Dec 2020 11:14

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Tgt Ion: 75 Resp: 110759
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.042 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX019815.D
 Acq: 10 Dec 2020 11:14

Tgt Ion: 75 Resp: 110759
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

