

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
 Data File : VX020091.D
 Acq On : 17 Dec 2020 02:02
 Operator : JC/MD
 Sample : VX1217WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBL02

Quant Time: Dec 17 02:28:34 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	296432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	497504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	458978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197427	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	193987	49.79	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.58%		
35) Dibromofluoromethane	5.46	113	154410	48.02	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.04%		
50) Toluene-d8	8.70	98	598383	48.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.50%		
62) 4-Bromofluorobenzene	11.12	95	209752	44.89	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.78%		

Target Compounds

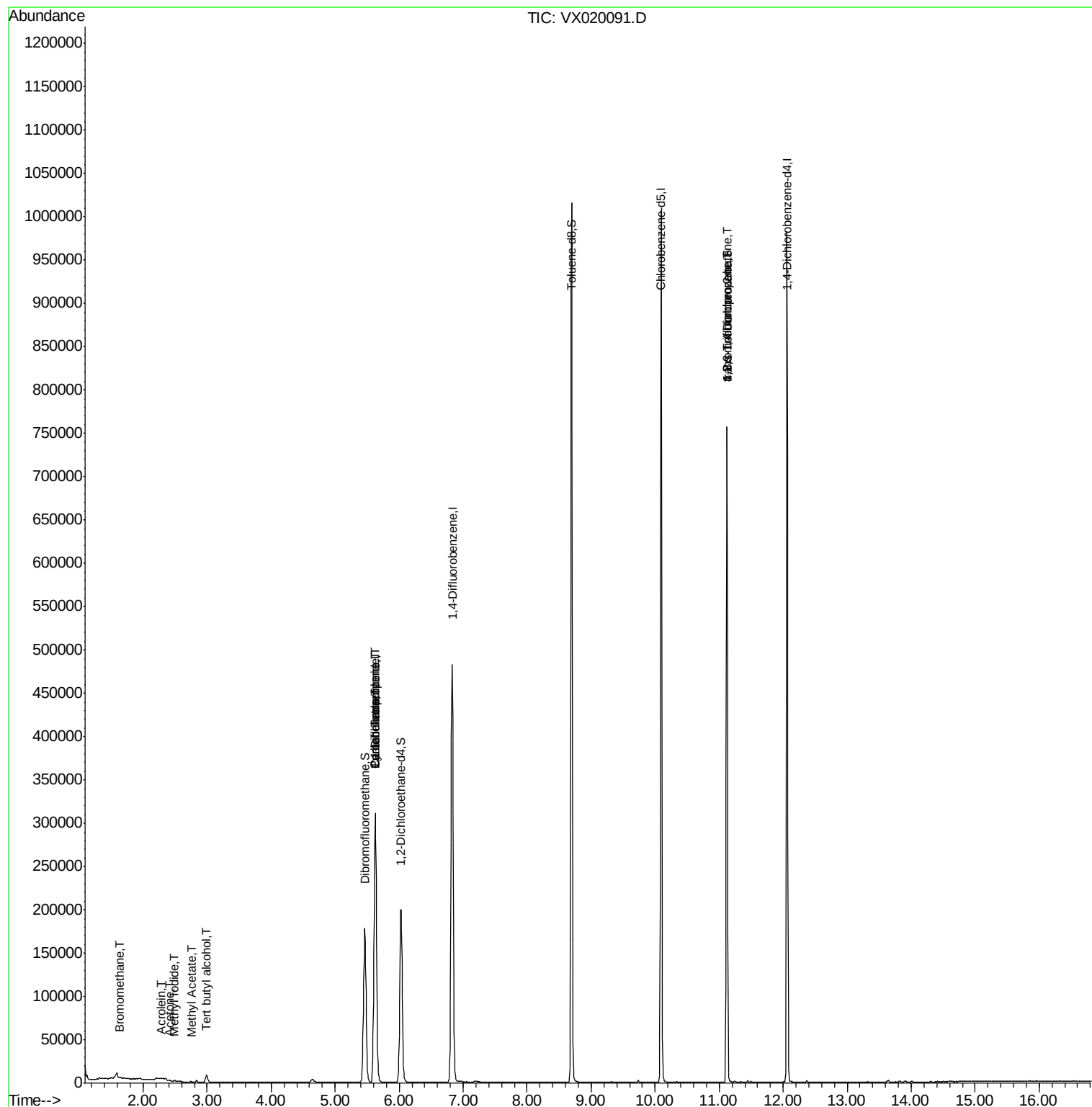
					Qvalue
5) Bromomethane	1.64	94	668	0.598 ug/l	97
10) Methyl Iodide	2.50	142	1436	0.363 ug/l #	93
11) Tert butyl alcohol	3.00	59	4866	3.499 ug/l #	73
13) Acrolein	2.28	56	349	0.812 ug/l	91
16) Acetone	2.42	43	1039	0.710 ug/l	99
18) Methyl Acetate	2.76	43	721	0.201 ug/l #	86
20) Methylene Chloride	2.84	84	708	Below Cal	88
31) Cyclohexane	5.63	56	5848	1.207 ug/l #	1
36) 1,1-Dichloropropene	5.62	75	22642	5.036 ug/l #	49
38) Carbon Tetrachloride	5.63	117	29322	6.661 ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	103365	23.344 ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	103365	67.483 ug/l #	12

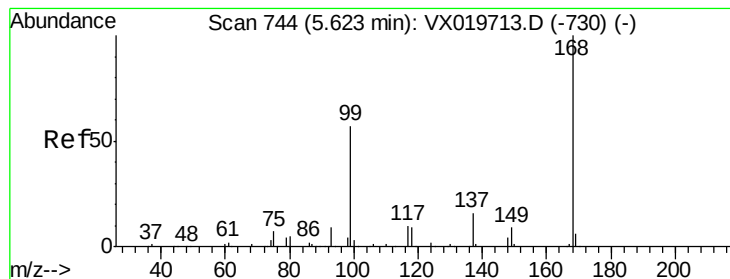
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020091.D
Acq On : 17 Dec 2020 02:02
Operator : JC/MD
Sample : VX1217WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBL02

Quant Time: Dec 17 02:28:34 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: VX020091.D

Acq: 17 Dec 2020 02:02

Instrument :

MSVOA_X

ClientSampleId :

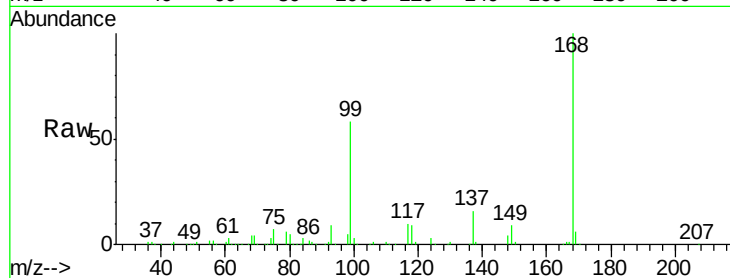
VX1217WBL02

Tgt Ion:168 Resp: 296432

Ion Ratio Lower Upper

168 100

99 57.8 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

120000

100000

80000

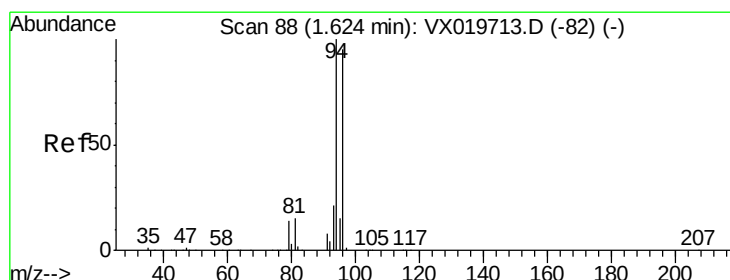
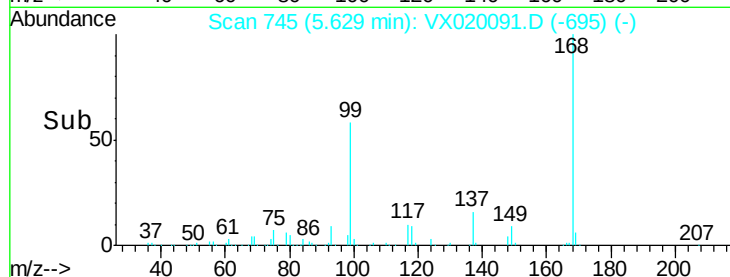
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.598 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX020091.D

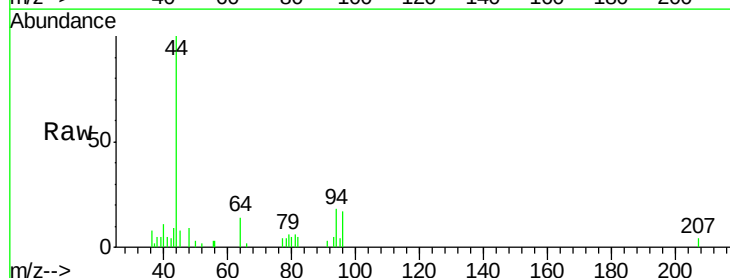
Acq: 17 Dec 2020 02:02

Tgt Ion: 94 Resp: 668

Ion Ratio Lower Upper

94 100

96 98.1 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

500

400

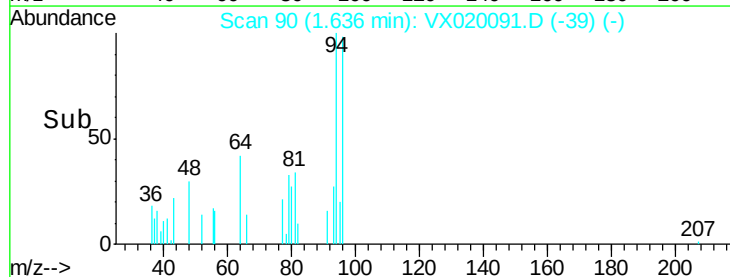
300

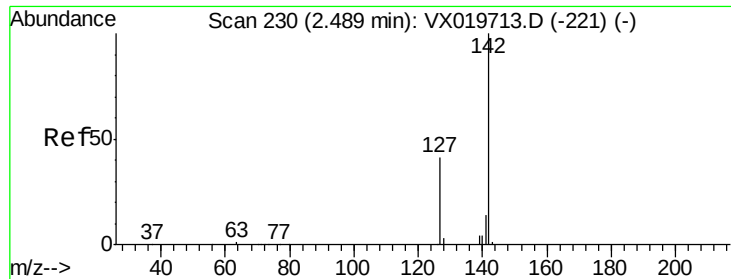
200

100

0

Time-->

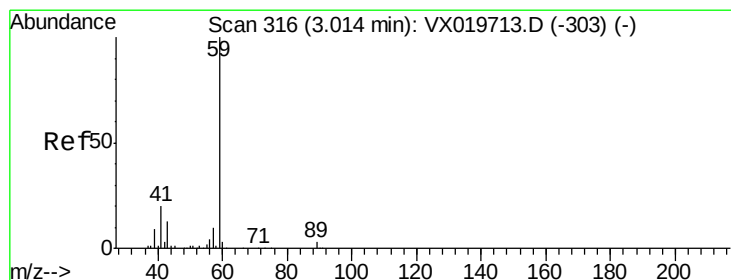
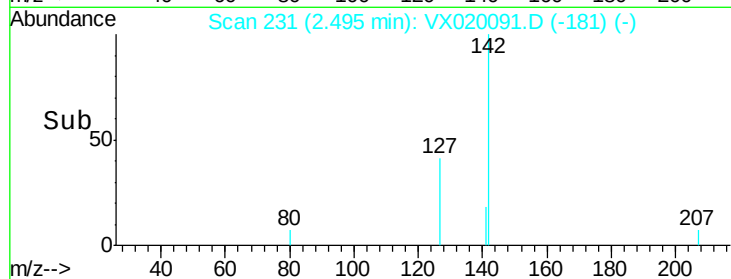
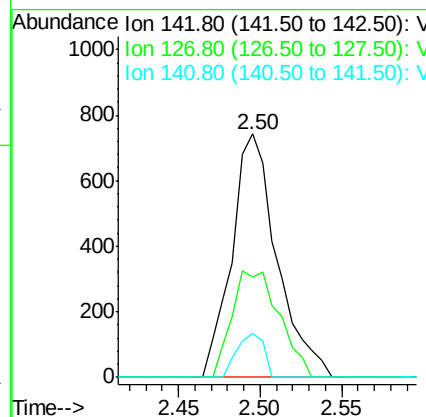
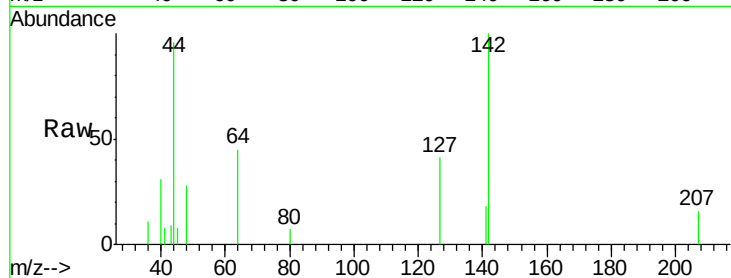




#10
Methyl Iodide
Concen: 0.363 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX020091.D
Acq: 17 Dec 2020 02:02

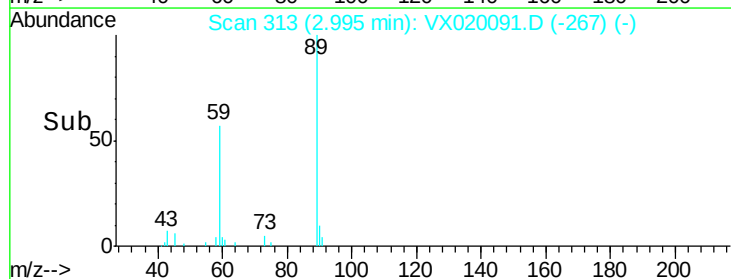
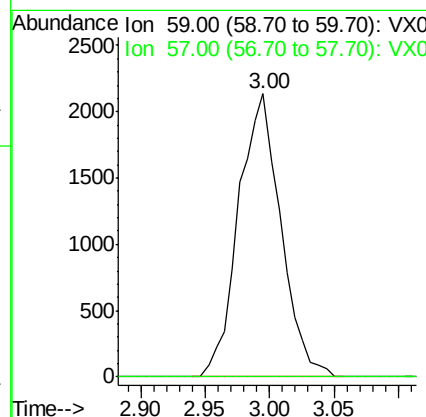
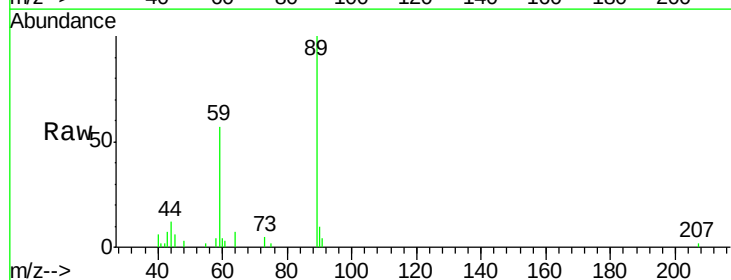
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBL02

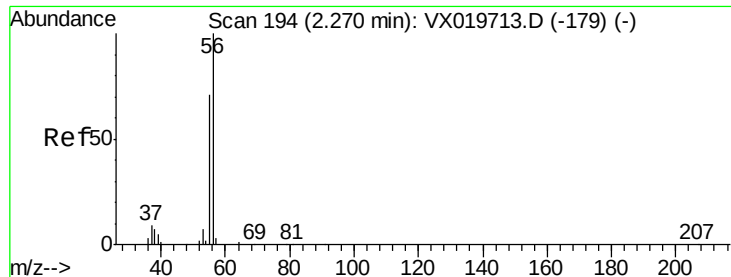
Tgt Ion: 142 Resp: 1436
Ion Ratio Lower Upper
142 100
127 45.8 33.3 49.9
141 10.5 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.499 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX020091.D
Acq: 17 Dec 2020 02:02

Tgt Ion: 59 Resp: 4866
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#13

Acrolein

Concen: 0.812 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX020091.D

Acq: 17 Dec 2020 02:02

Instrument :

MSVOA_X

ClientSampleId :

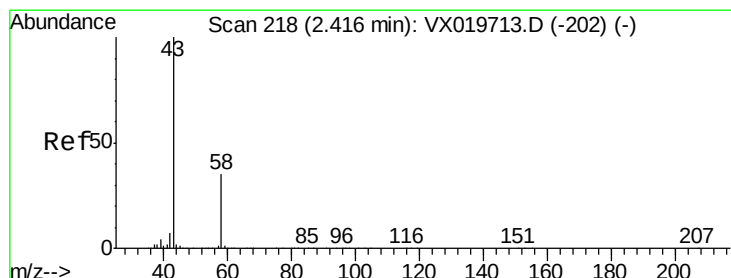
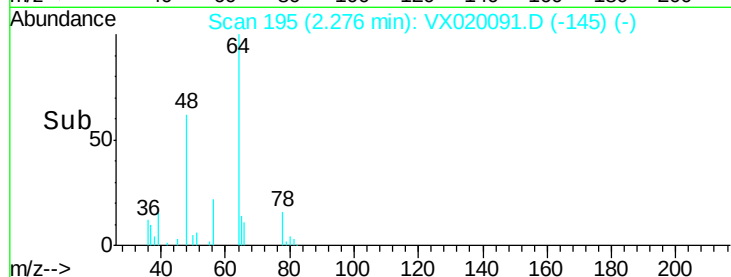
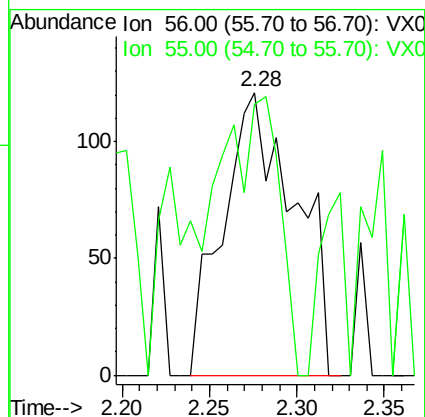
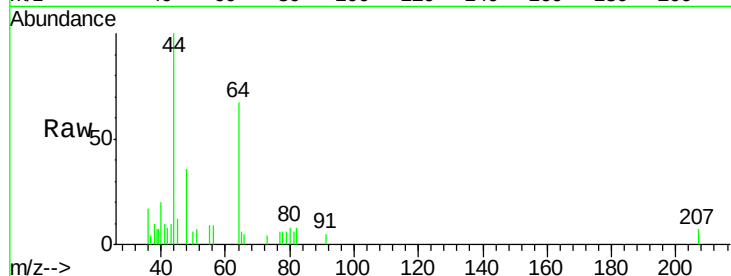
VX1217WBL02

Tgt Ion: 56 Resp: 349

Ion Ratio Lower Upper

56 100

55 77.7 56.4 84.6



#16

Acetone

Concen: 0.710 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX020091.D

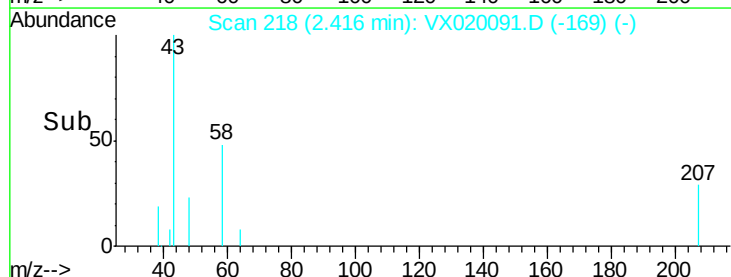
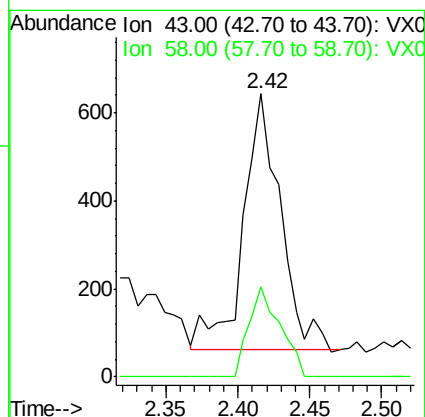
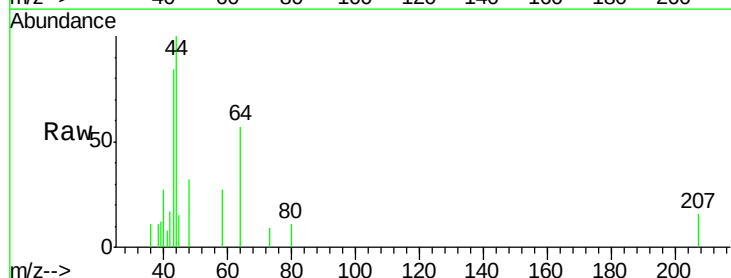
Acq: 17 Dec 2020 02:02

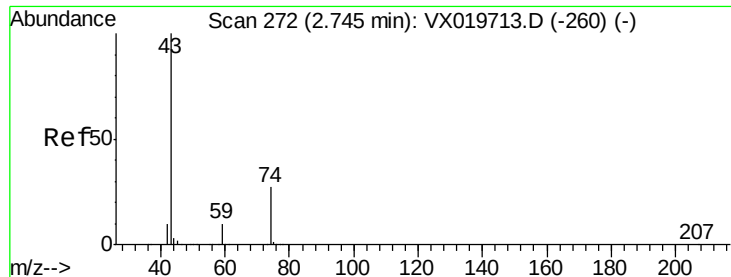
Tgt Ion: 43 Resp: 1039

Ion Ratio Lower Upper

43 100

58 35.1 27.8 41.8

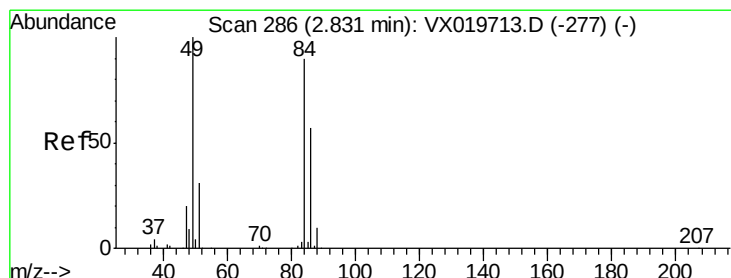
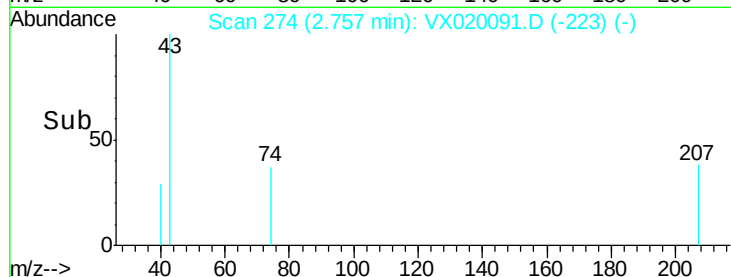
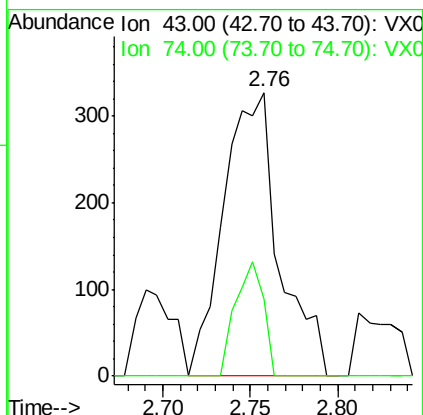
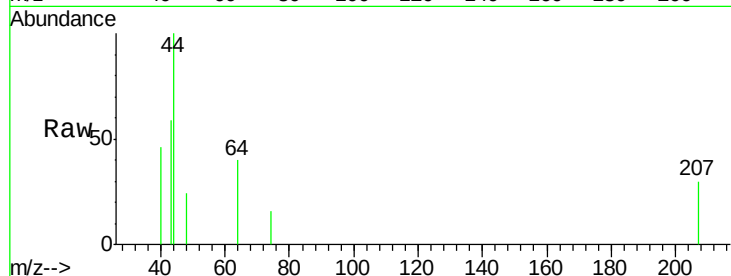




#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX020091.D
Acq: 17 Dec 2020 02:02

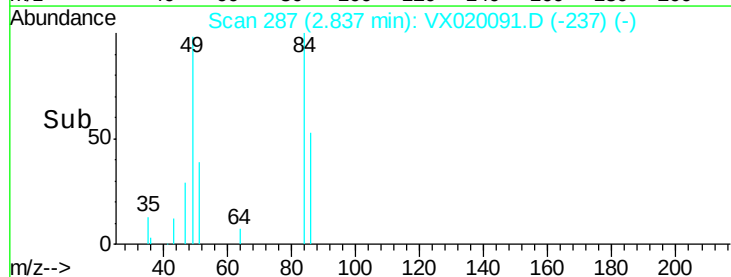
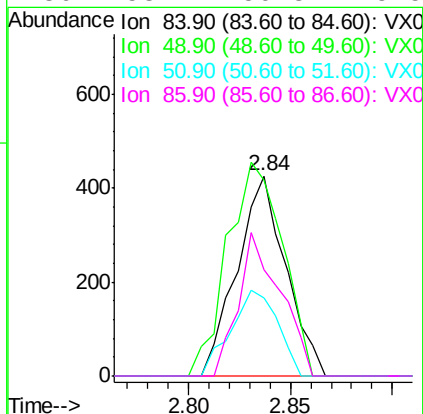
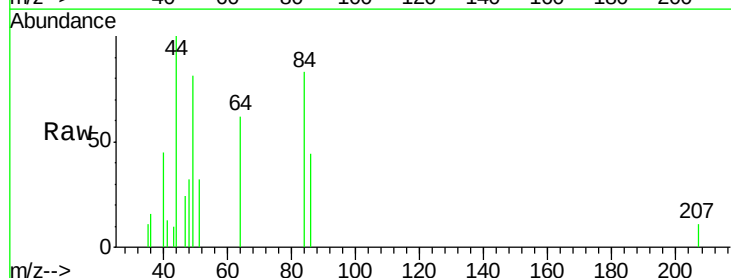
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBL02

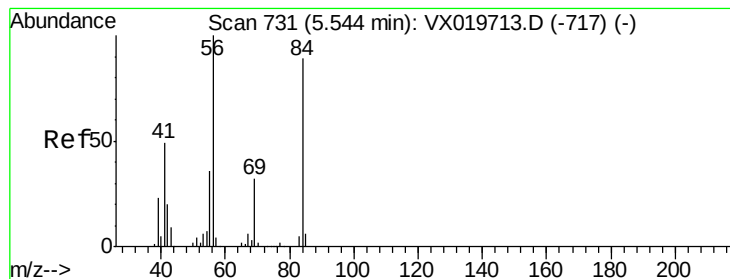
Tgt Ion: 43 Resp: 721
Ion Ratio Lower Upper
43 100
74 20.2 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX020091.D
Acq: 17 Dec 2020 02:02

Tgt Ion: 84 Resp: 708
Ion Ratio Lower Upper
84 100
49 98.1 88.6 132.8
51 39.0 27.0 40.6
86 53.1 50.3 75.5





#31

Cyclohexane

Concen: 1.207 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.09 min

Lab File: VX020091.D

Acq: 17 Dec 2020 02:02

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBL02

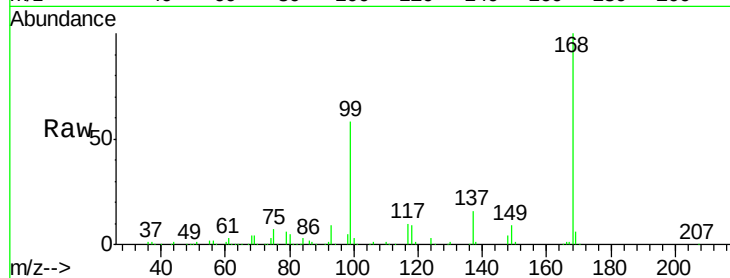
Tgt Ion: 56 Resp: 5848

Ion Ratio Lower Upper

56 100

69 196.7 25.3 37.9#

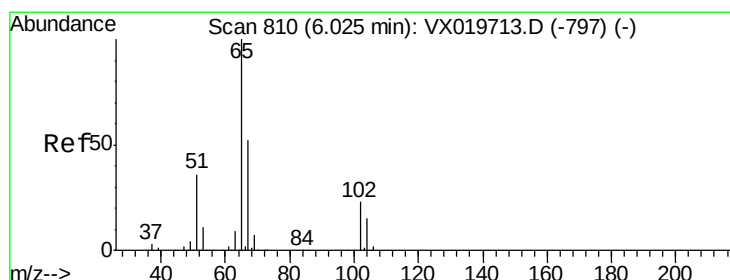
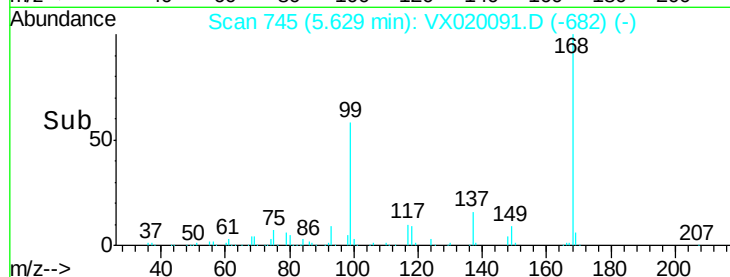
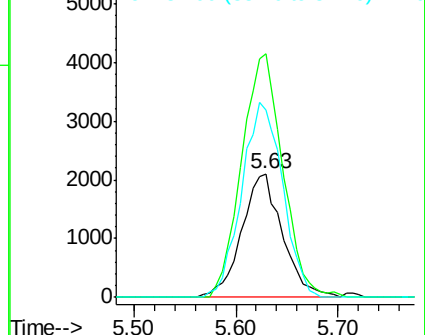
84 151.4 71.4 107.0#



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: 49.791 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX020091.D

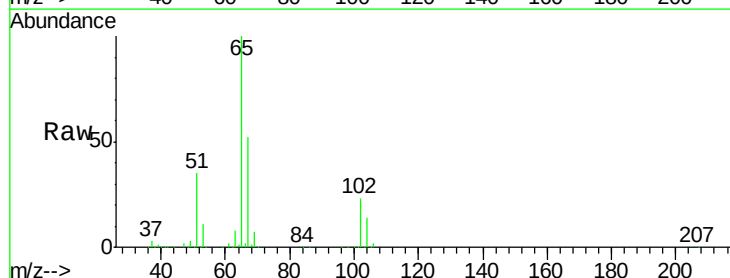
Acq: 17 Dec 2020 02:02

Tgt Ion: 65 Resp: 193987

Ion Ratio Lower Upper

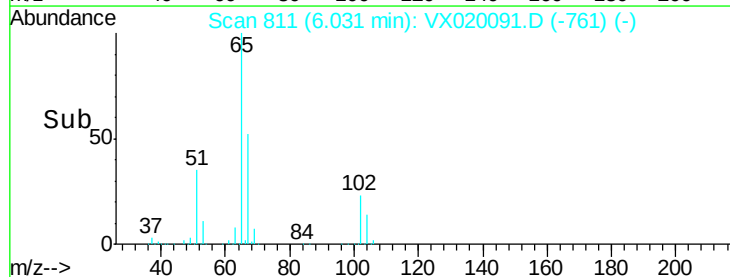
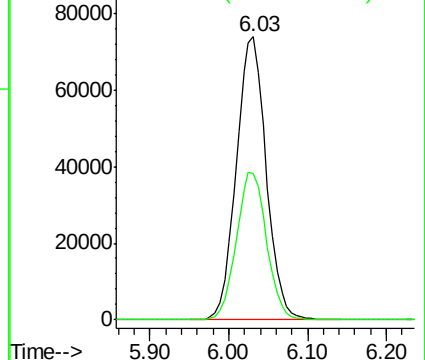
65 100

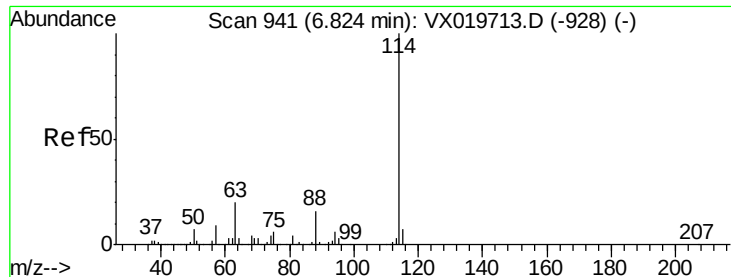
67 52.8 0.0 105.4



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: VX020091.D

Acq: 17 Dec 2020 02:02

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBL02

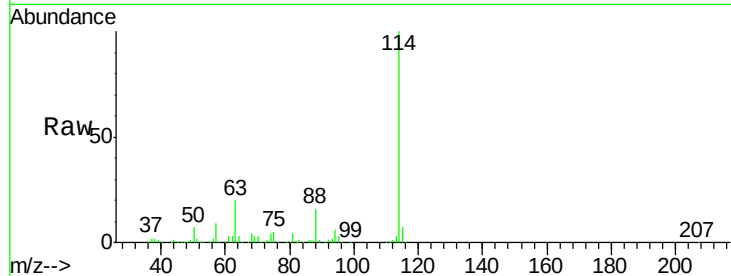
Tgt Ion:114 Resp: 497504

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

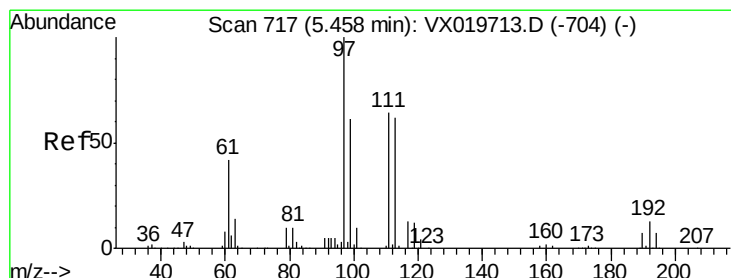
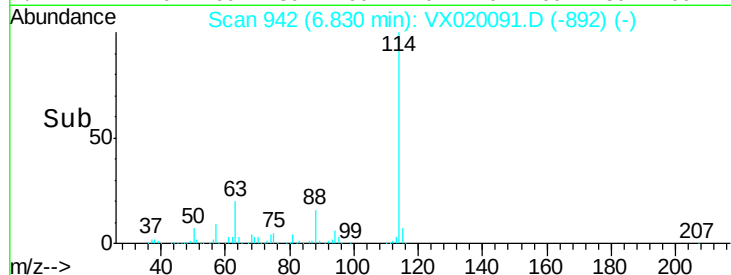
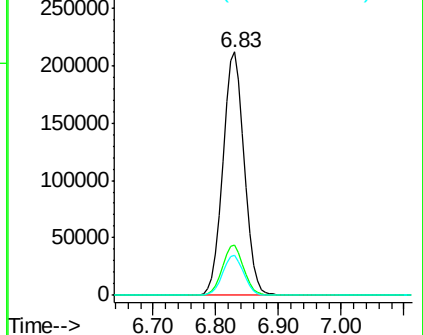
88 16.2 0.0 32.8



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: 48.024 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX020091.D

Acq: 17 Dec 2020 02:02

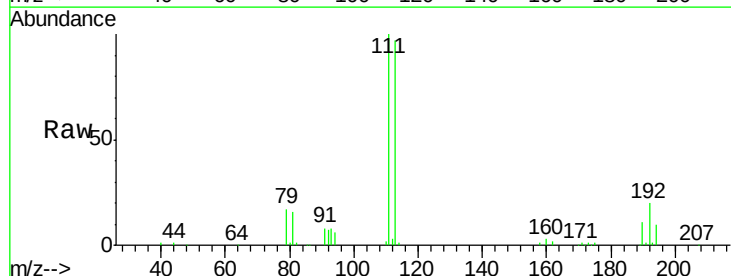
Tgt Ion:113 Resp: 154410

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

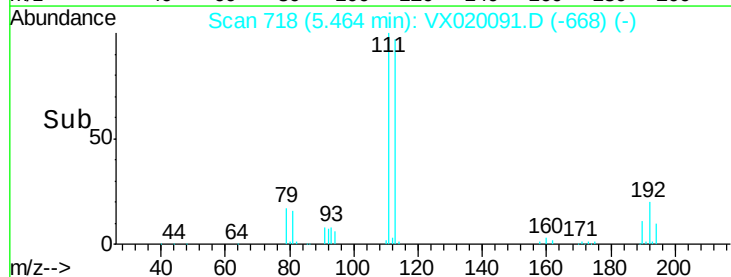
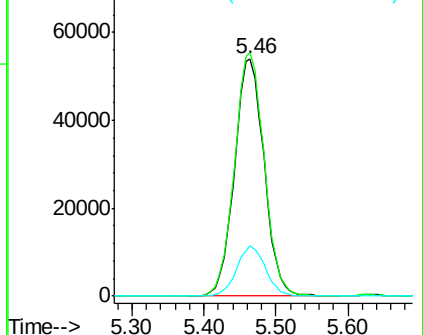
192 20.4 16.7 25.1

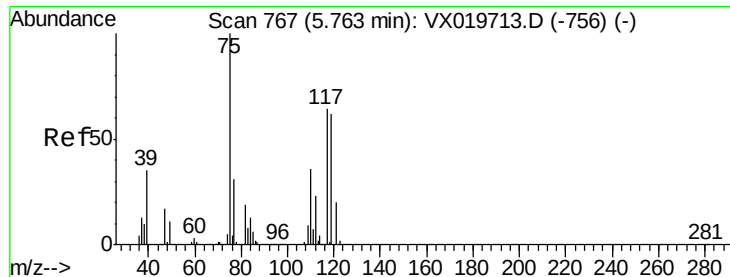


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

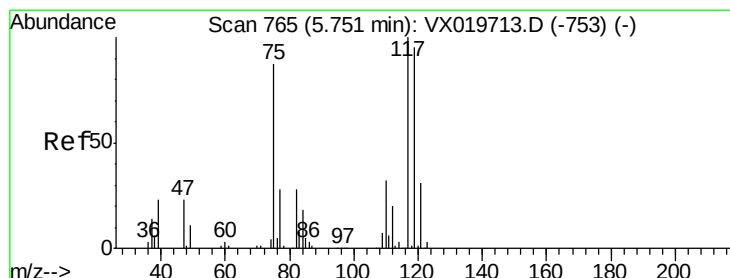
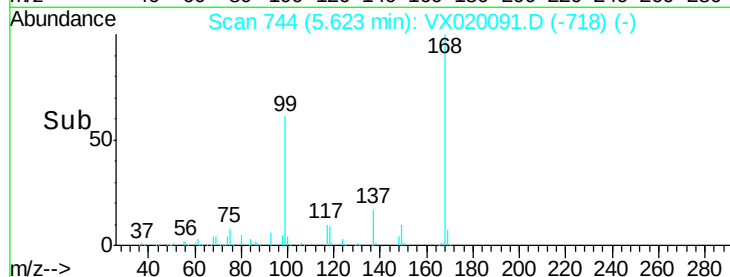
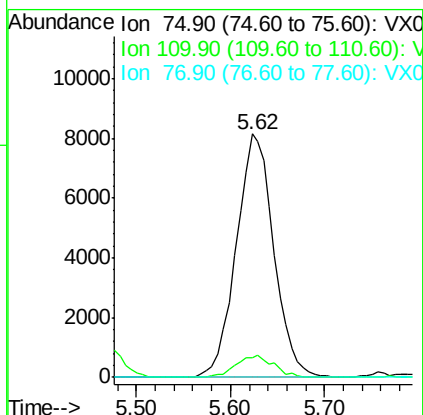
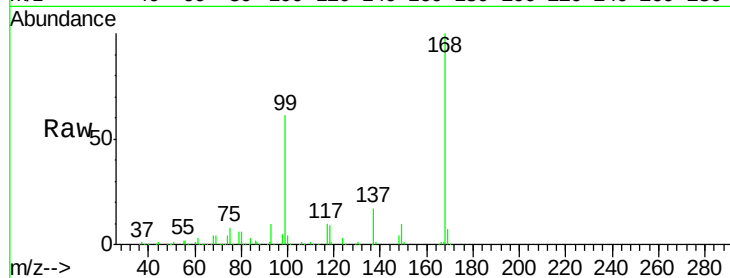




#36
 1,1-Dichloropropene
 Concen: 5.036 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.14 min
 Lab File: VX020091.D
 Acq: 17 Dec 2020 02:02

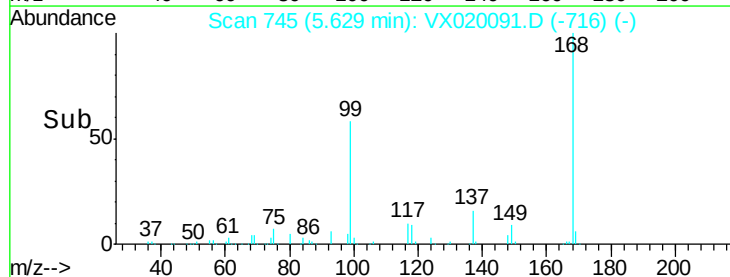
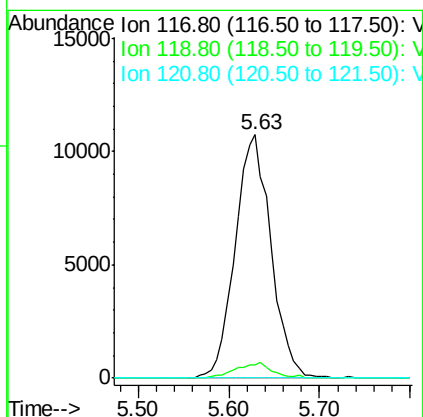
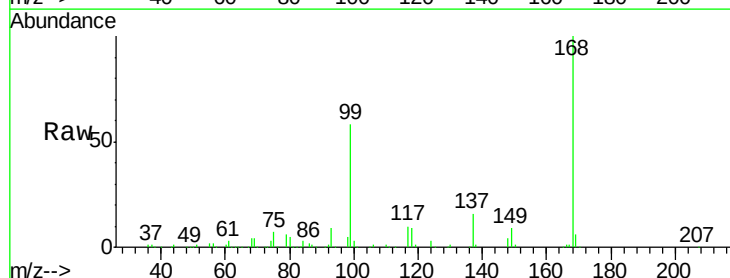
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBL02

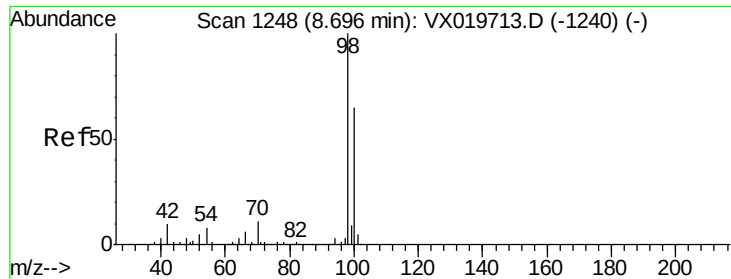
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.4#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 6.661 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.12 min
 Lab File: VX020091.D
 Acq: 17 Dec 2020 02:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.2	114.2#
121	0.0	24.8	37.2#

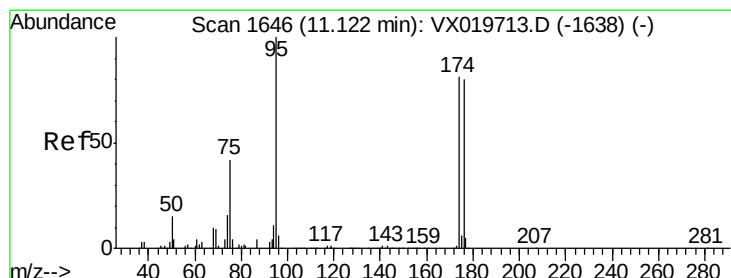
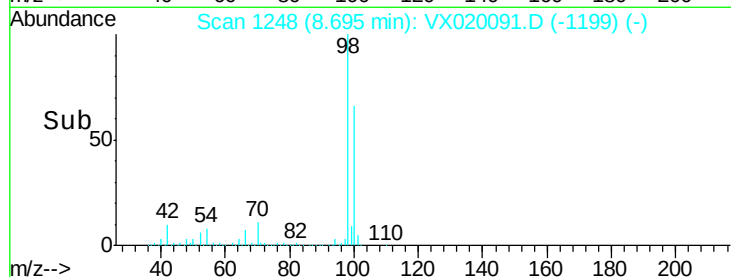
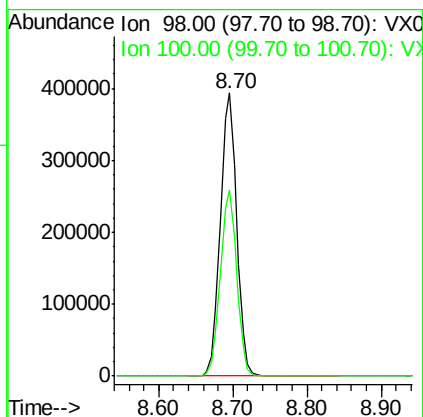
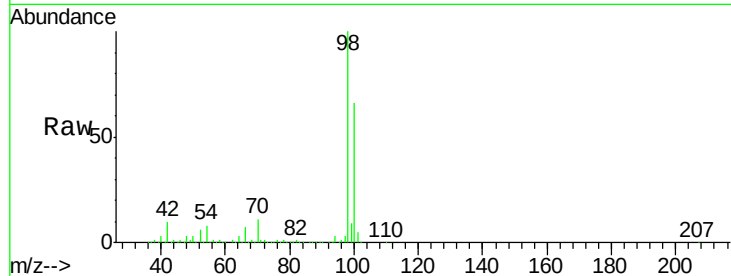




#50
Toluene-d8
Concen: 48.747 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020091.D
Acq: 17 Dec 2020 02:02

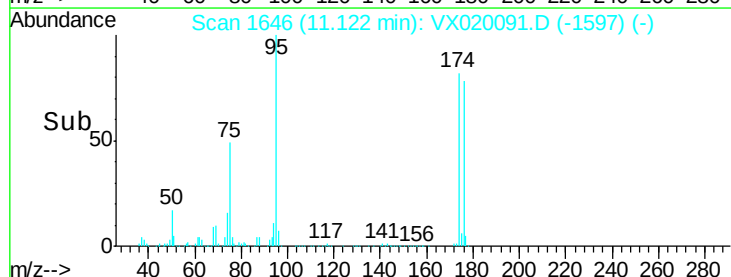
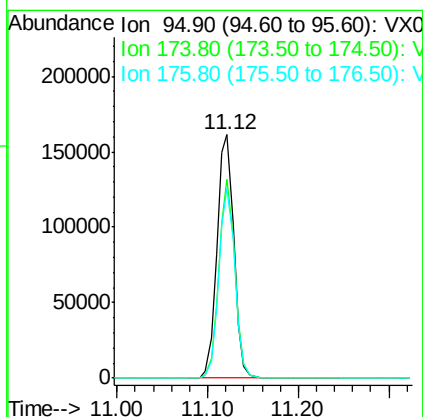
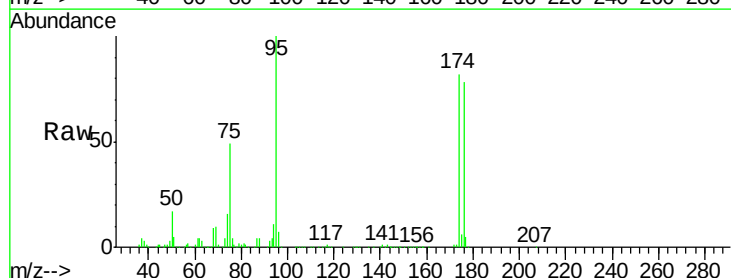
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBL02

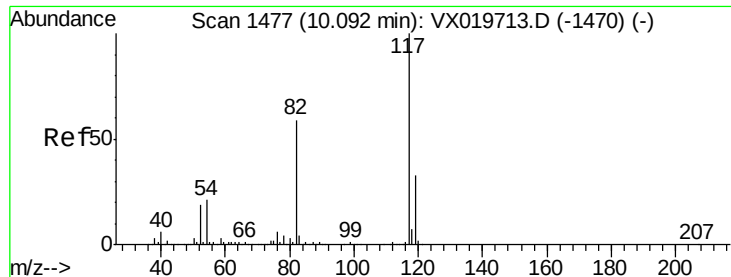
Tgt Ion: 98 Resp: 598383
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.895 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX020091.D
Acq: 17 Dec 2020 02:02

Tgt Ion: 95 Resp: 209752
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.6
176 74.4 0.0 155.8

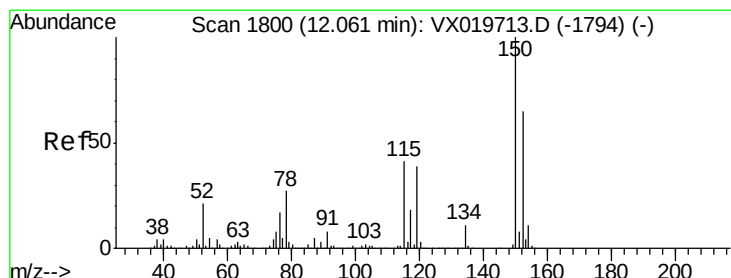
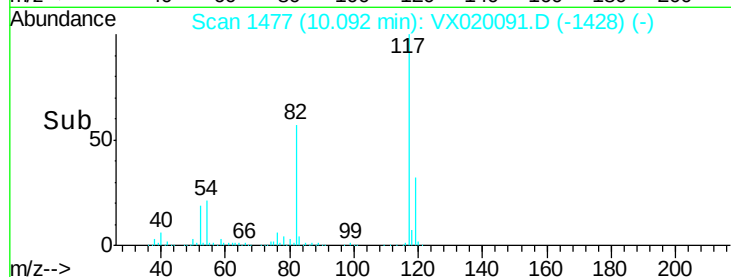
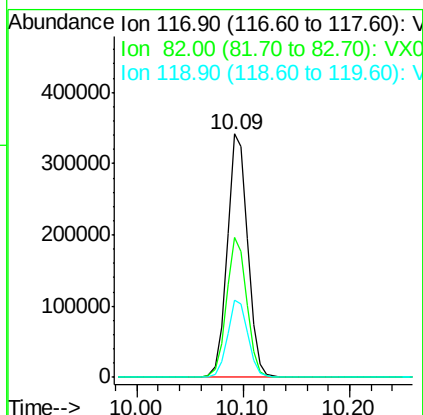
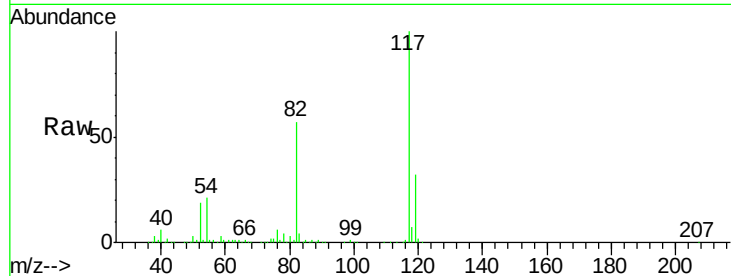




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX020091.D
Acq: 17 Dec 2020 02:02

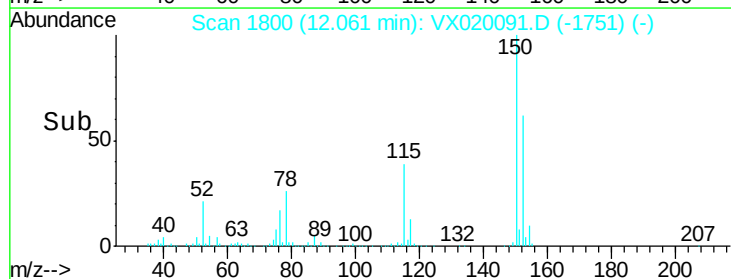
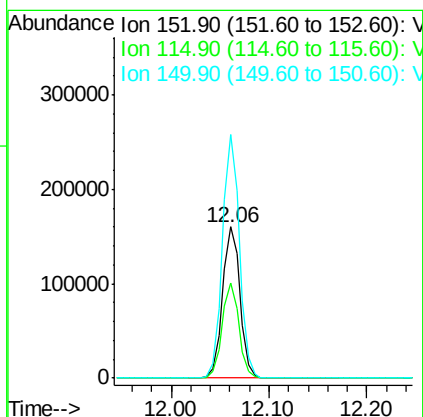
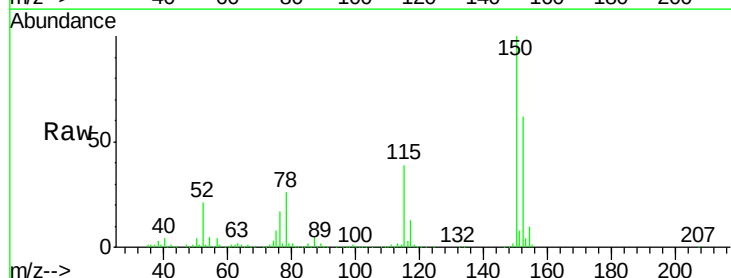
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBL02

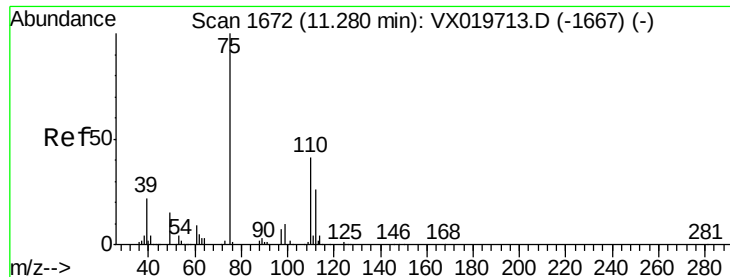
Tgt Ion:117 Resp: 458978
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX020091.D
Acq: 17 Dec 2020 02:02

Tgt Ion:152 Resp: 197427
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 157.5 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 23.344 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX020091.D

Acq: 17 Dec 2020 02:02

Instrument :

MSVOA_X

ClientSampleId :

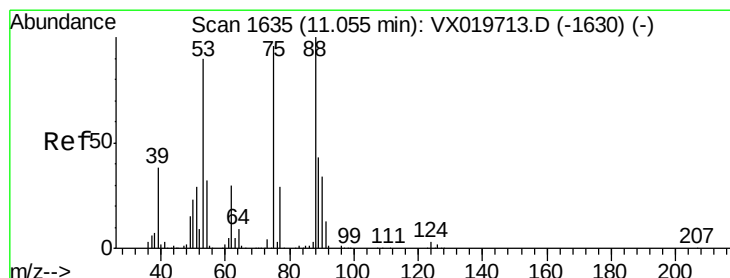
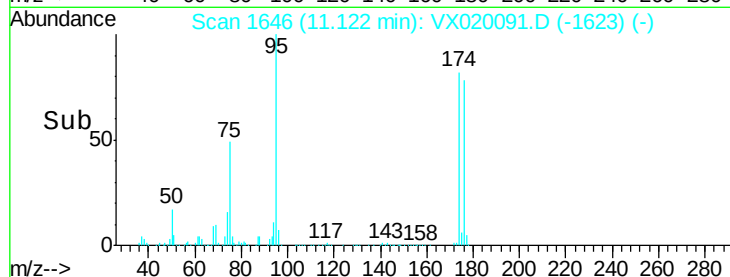
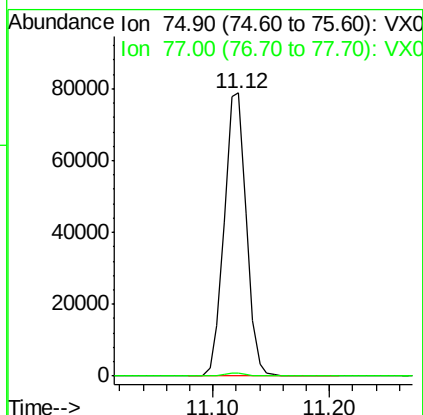
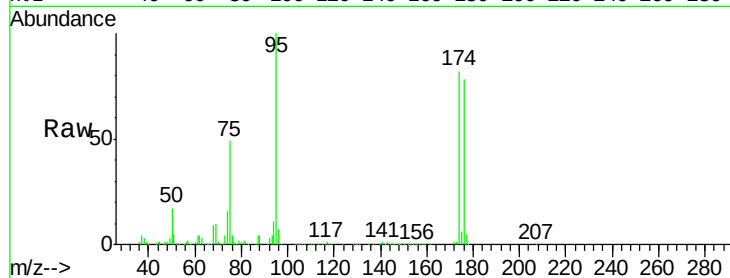
VX1217WBL02

Tgt Ion: 75 Resp: 103365

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.483 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX020091.D

Acq: 17 Dec 2020 02:02

Tgt Ion: 75 Resp: 103365

Ion Ratio Lower Upper

75 100

53 0.1 74.5 111.7#

89 0.0 37.9 56.9#

