

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
 Data File : VX019821.D
 Acq On : 10 Dec 2020 13:34
 Operator : JC/MD
 Sample : L5020-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 201209001-02-TRIP-BLANK

Quant Time: Dec 11 00:50:25 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	312459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	515488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	474708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	196776	47.92	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.84%		
35) Dibromofluoromethane	5.46	113	159744	47.95	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.90%		
50) Toluene-d8	8.70	98	621674	48.88	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.76%		
62) 4-Bromofluorobenzene	11.12	95	220419	45.53	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.06%		

Target Compounds

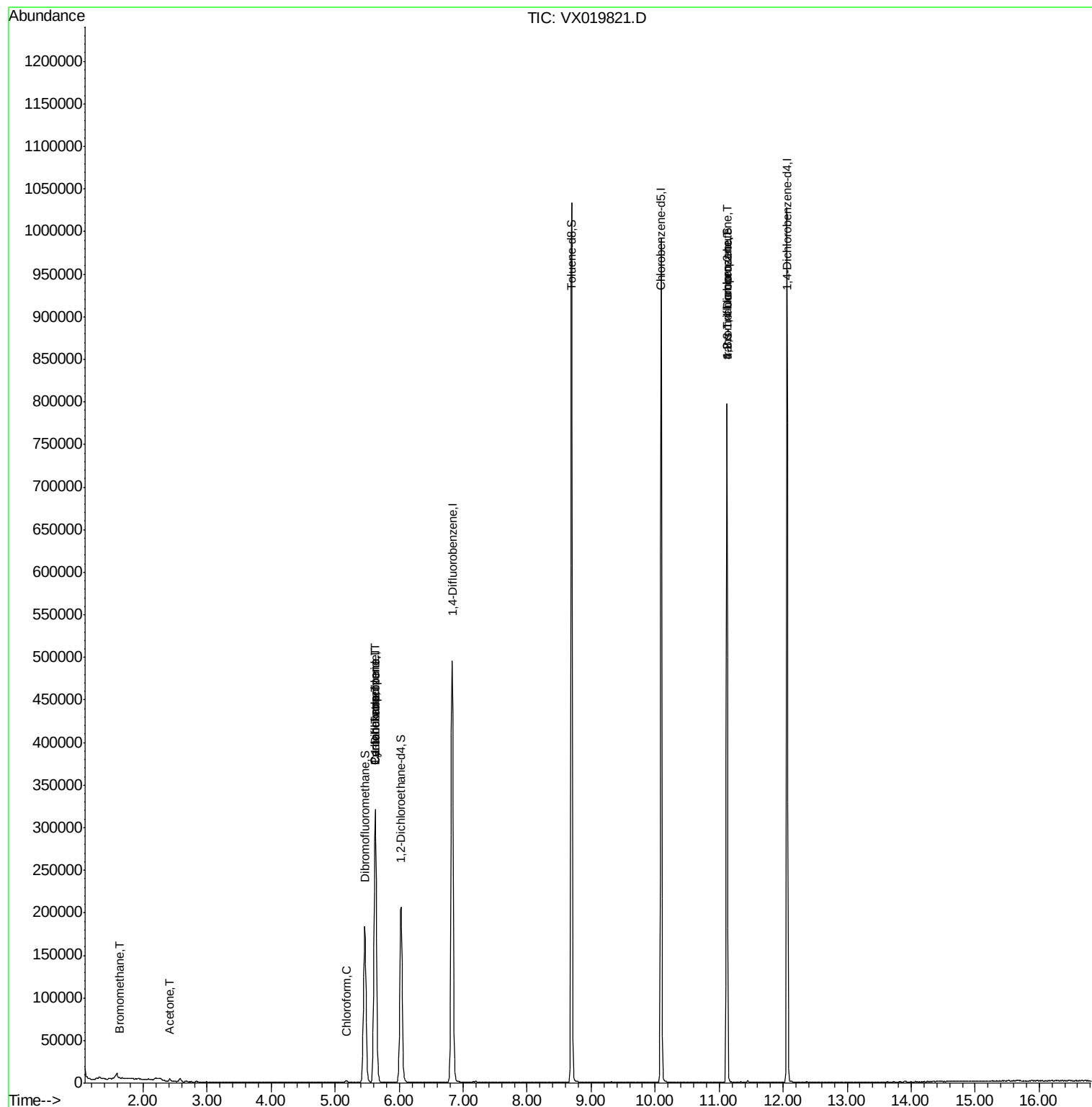
	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	765	0.649	ug/l #	68
11) Tert butyl alcohol	3.00	59	420	Below Cal	#	73
16) Acetone	2.42	43	3261	2.113	ug/l	99
20) Methylene Chloride	2.84	84	561	Below Cal	#	77
30) Chloroform	5.17	83	2516	0.415	ug/l	96
31) Cyclohexane	5.63	56	5701	1.116	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	23309	5.004	ug/l #	49
38) Carbon Tetrachloride	5.63	117	29962	6.568	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	105563	22.488	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	105563	65.010	ug/l #	12

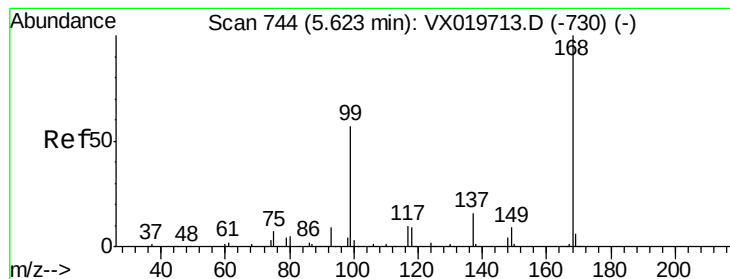
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
201209001-02-TRIP-BLANK

Quant Time: Dec 11 00:50:25 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: VX019821.D

Acq: 10 Dec 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

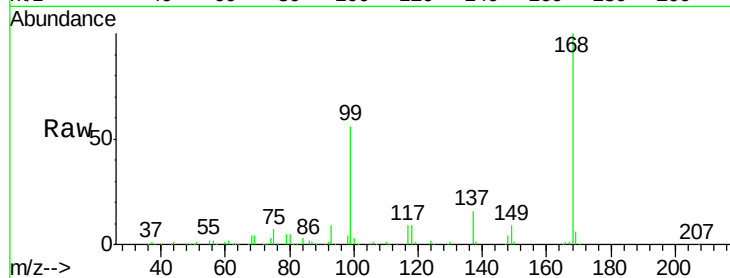
201209001-02-TRIP-BLANK

Tgt Ion:168 Resp: 312459

Ion Ratio Lower Upper

168 100

99 56.0 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

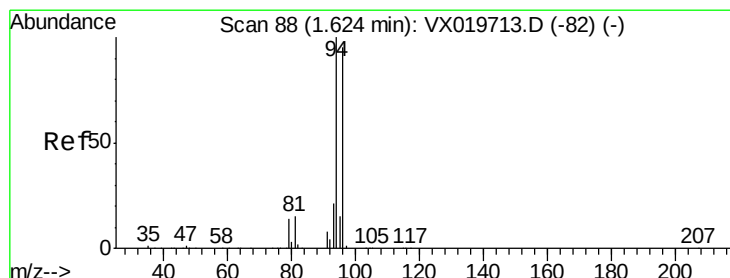
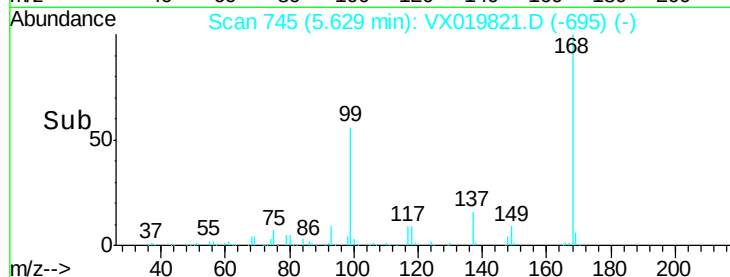
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.649 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX019821.D

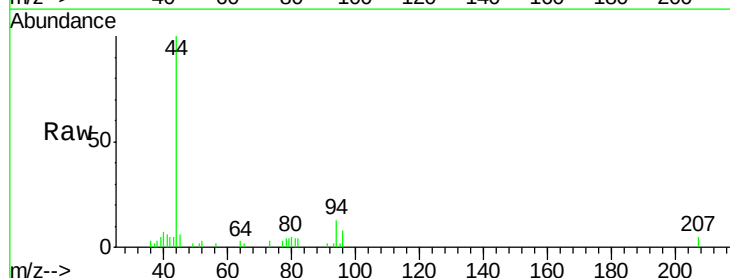
Acq: 10 Dec 2020 13:34

Tgt Ion: 94 Resp: 765

Ion Ratio Lower Upper

94 100

96 64.0 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

400

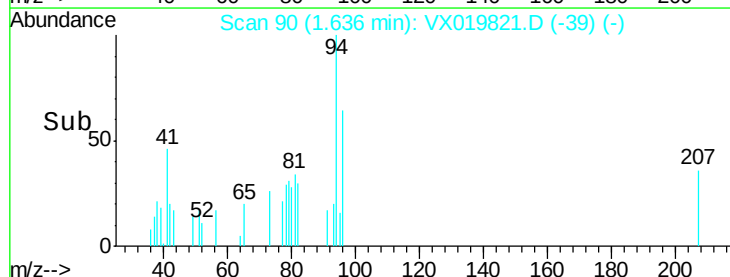
300

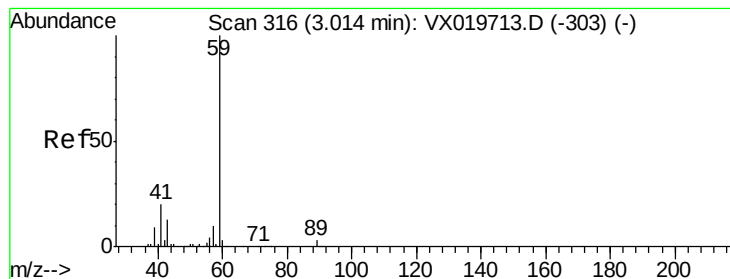
200

100

0

Time-->



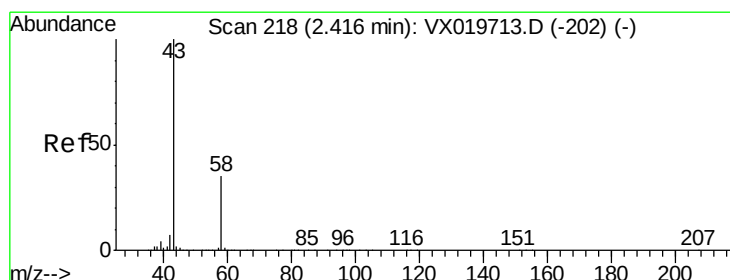
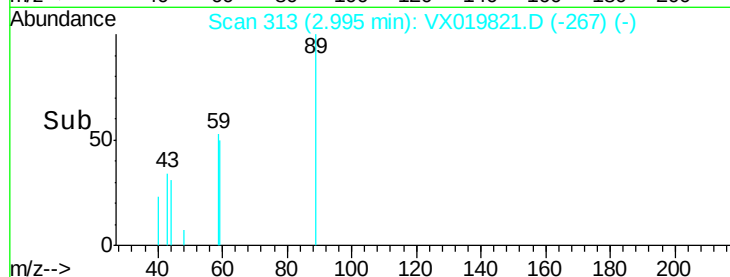
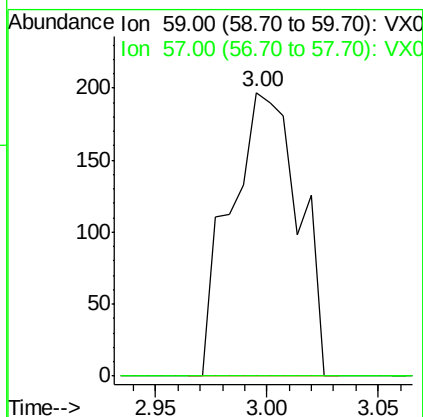
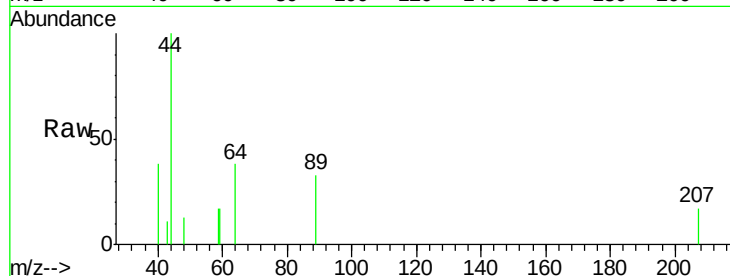


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 3.00 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX019821.D
 Acq: 10 Dec 2020 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 201209001-02-TRIP-BLANK

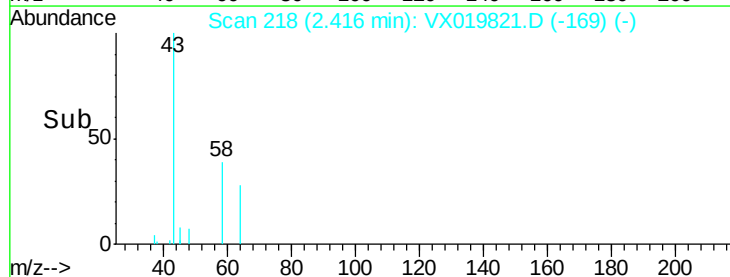
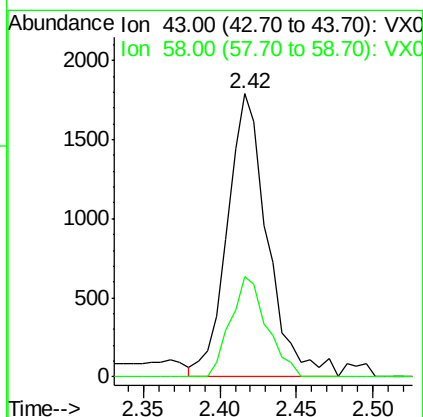
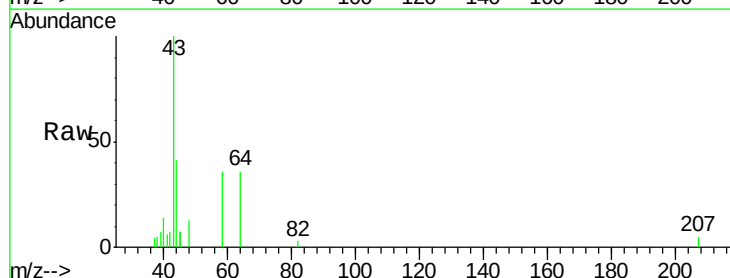
Tgt Ion: 59 Resp: 420
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#

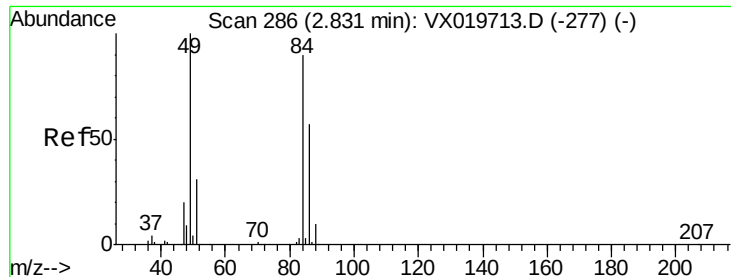


#16

Acetone
 Concen: 2.113 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX019821.D
 Acq: 10 Dec 2020 13:34

Tgt Ion: 43 Resp: 3261
 Ion Ratio Lower Upper
 43 100
 58 35.6 27.8 41.8

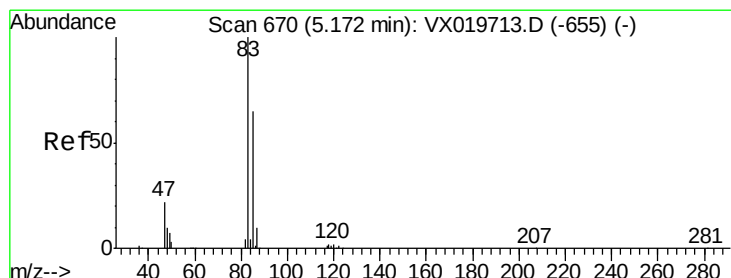
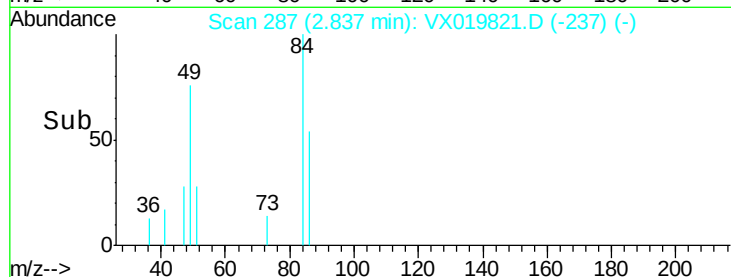
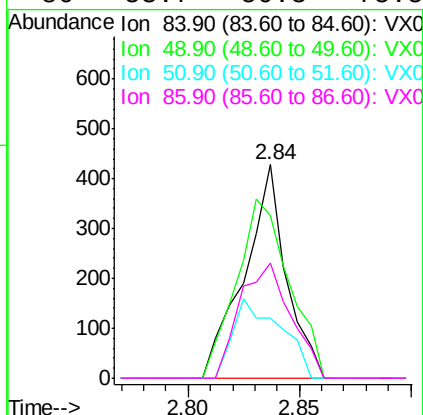
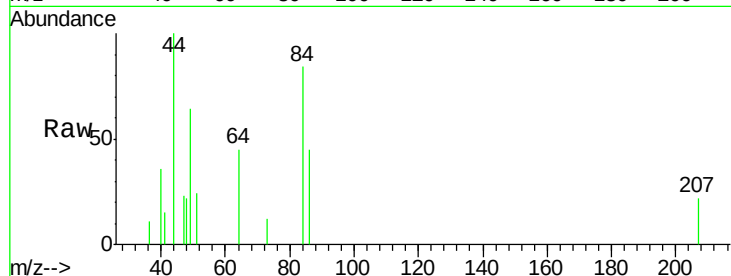




#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019821.D
Acq: 10 Dec 2020 13:34

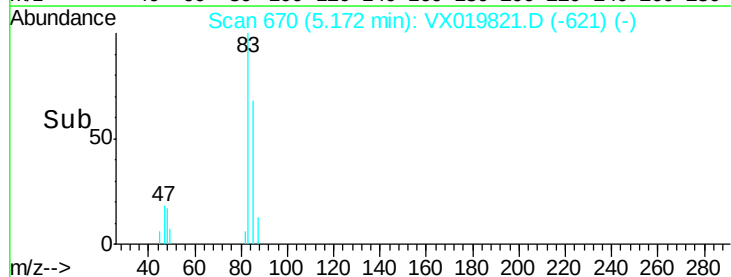
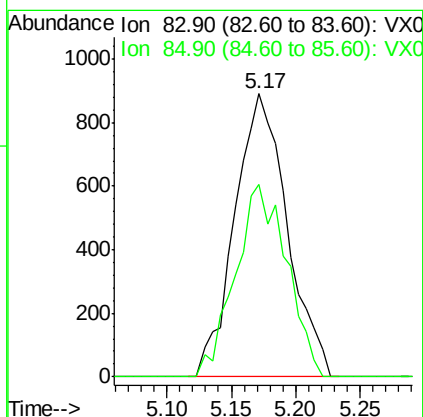
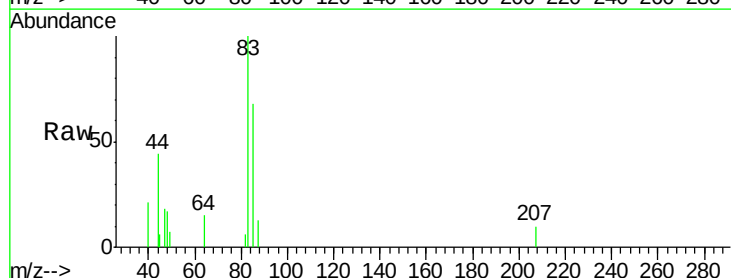
Instrument :
MSVOA_X
ClientSampleId :
201209001-02-TRIP-BLANK

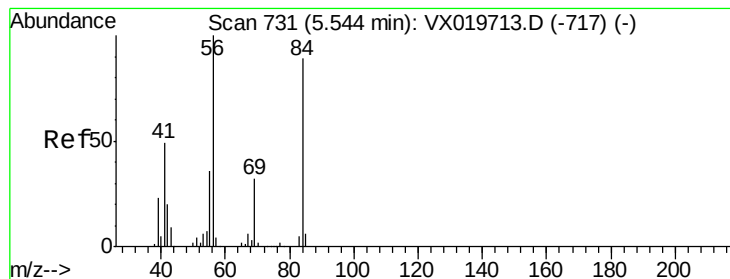
Tgt Ion: 84 Resp: 561
Ion Ratio Lower Upper
84 100
49 75.9 88.6 132.8#
51 28.3 27.0 40.6
86 53.7 50.3 75.5



#30
Chloroform
Concen: 0.415 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019821.D
Acq: 10 Dec 2020 13:34

Tgt Ion: 83 Resp: 2516
Ion Ratio Lower Upper
83 100
85 67.9 52.0 78.0





#31

Cyclohexane

Concen: 1.116 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.09 min

Lab File: VX019821.D

Acq: 10 Dec 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

201209001-02-TRIP-BLANK

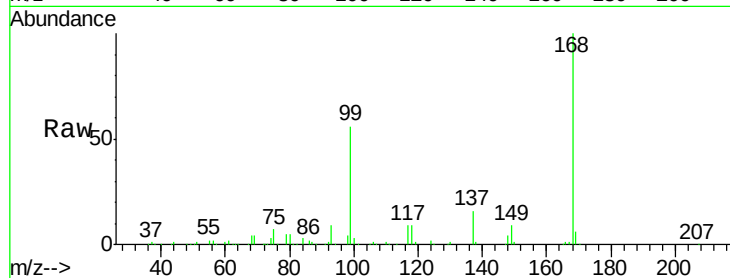
Tgt Ion: 56 Resp: 5701

Ion Ratio Lower Upper

56 100

69 204.4 25.3 37.9#

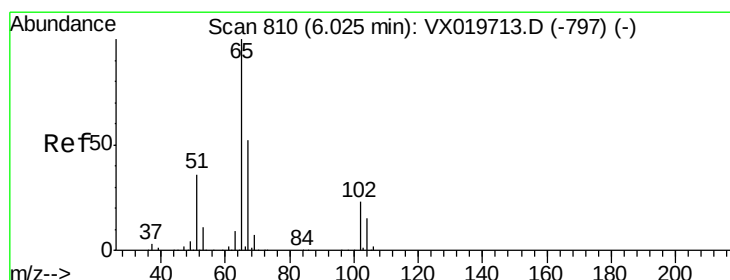
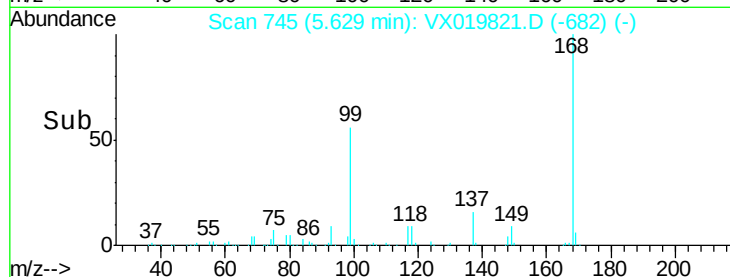
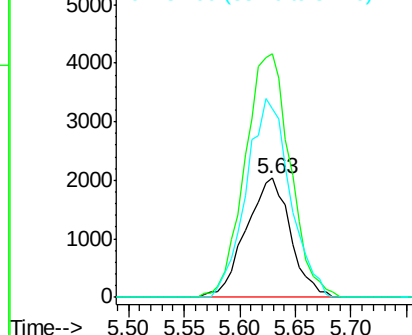
84 158.2 71.4 107.0#



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: 47.917 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019821.D

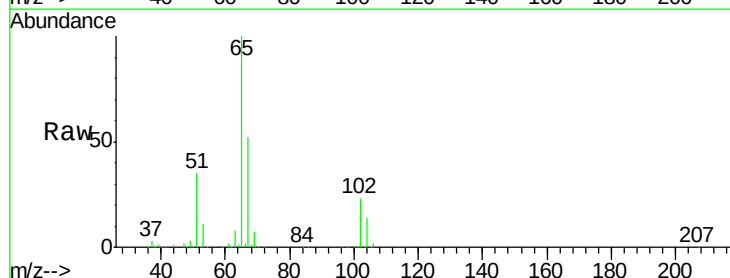
Acq: 10 Dec 2020 13:34

Tgt Ion: 65 Resp: 196776

Ion Ratio Lower Upper

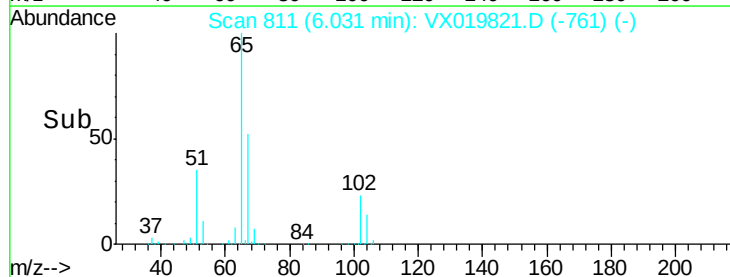
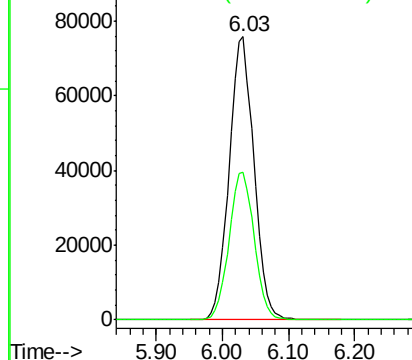
65 100

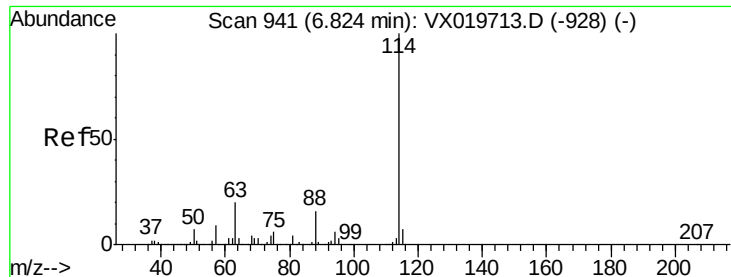
67 52.8 0.0 105.4



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: VX019821.D

Acq: 10 Dec 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

201209001-02-TRIP-BLANK

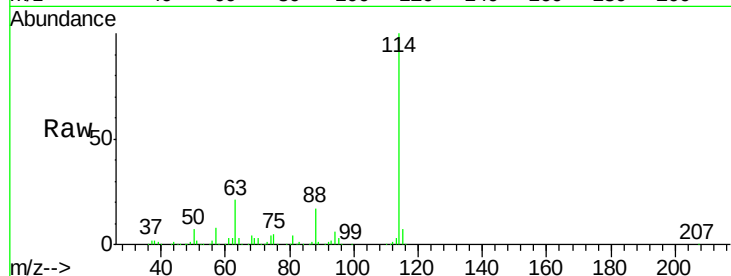
Tgt Ion:114 Resp: 515488

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

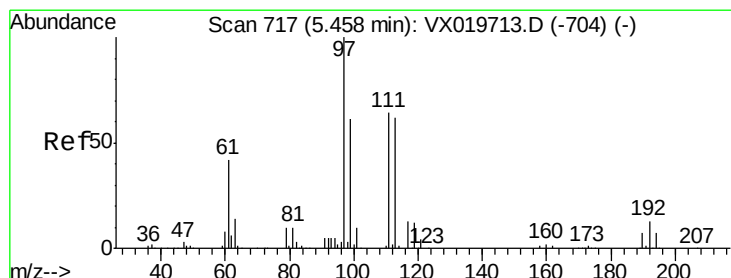
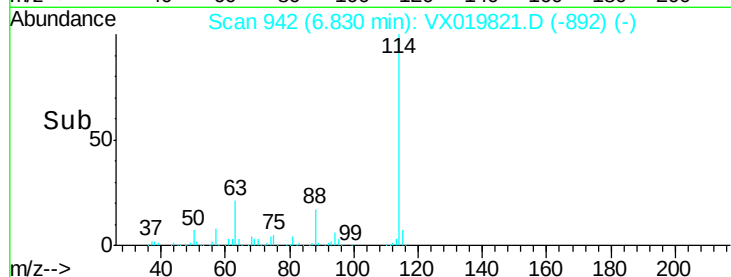
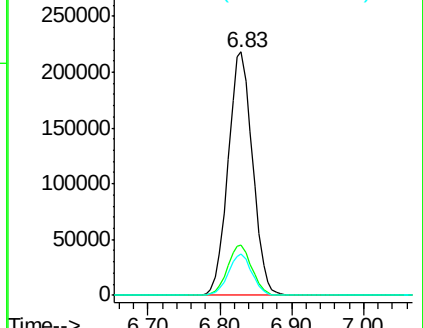
88 16.8 0.0 32.8



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: 47.949 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019821.D

Acq: 10 Dec 2020 13:34

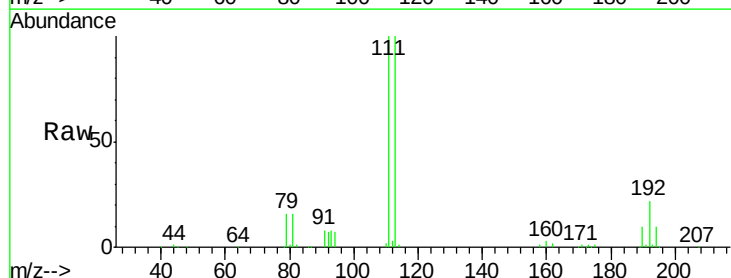
Tgt Ion:113 Resp: 159744

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

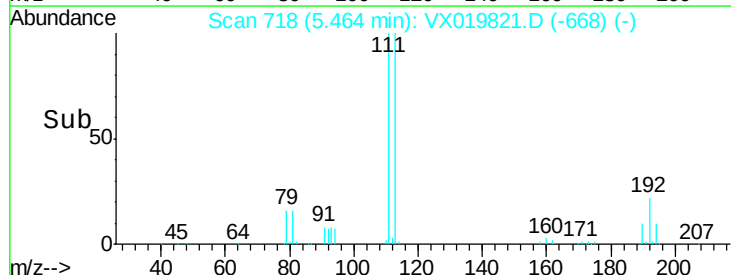
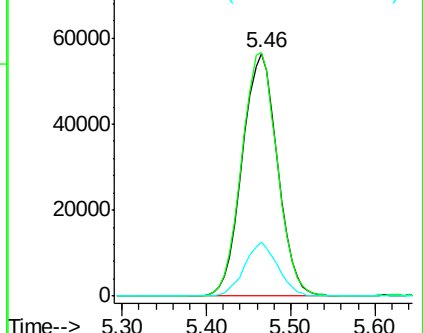
192 21.1 16.7 25.1

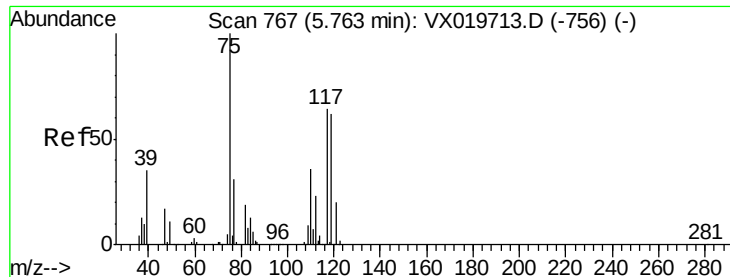


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

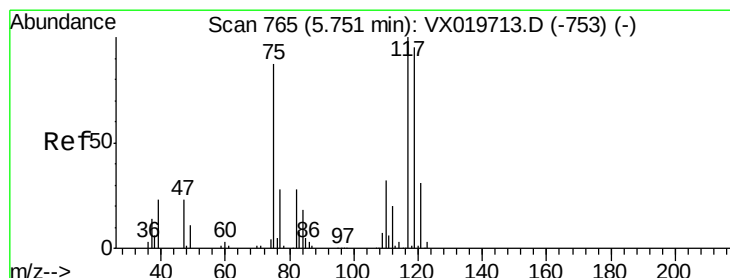
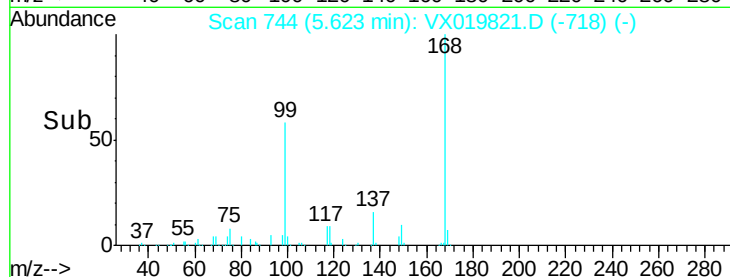
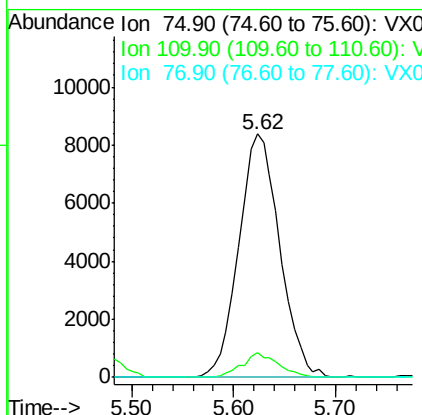
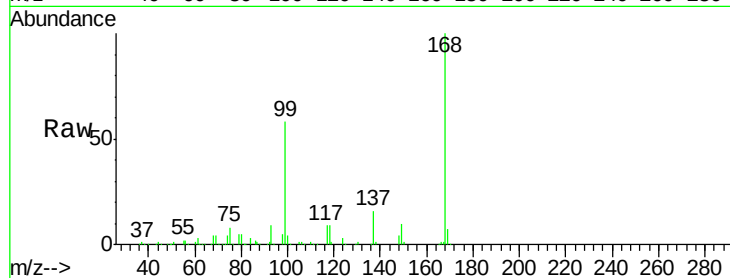




#36
 1,1-Dichloropropene
 Concen: 5.004 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.14 min
 Lab File: VX019821.D
 Acq: 10 Dec 2020 13:34

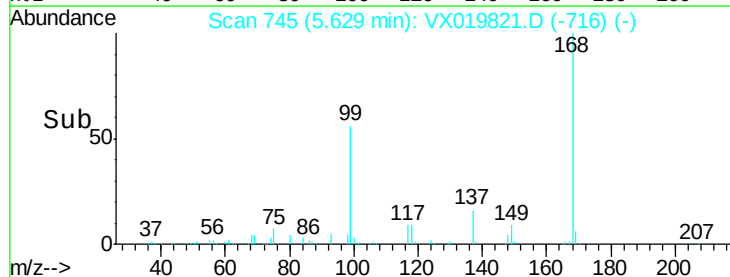
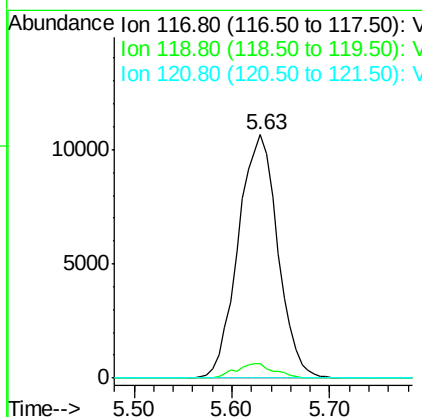
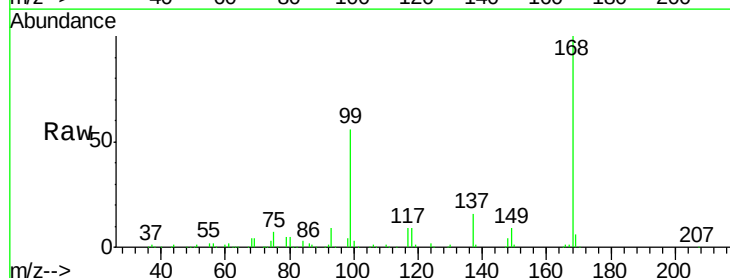
Instrument :
 MSVOA_X
 ClientSampleId :
 201209001-02-TRIP-BLANK

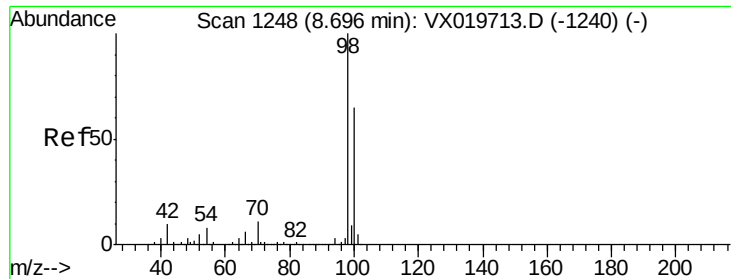
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.4#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 6.568 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.12 min
 Lab File: VX019821.D
 Acq: 10 Dec 2020 13:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.2	114.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 48.878 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019821.D

Acq: 10 Dec 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

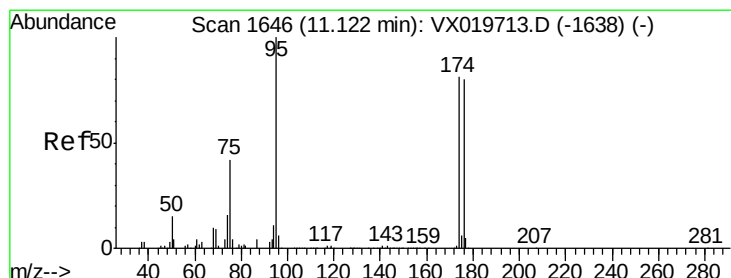
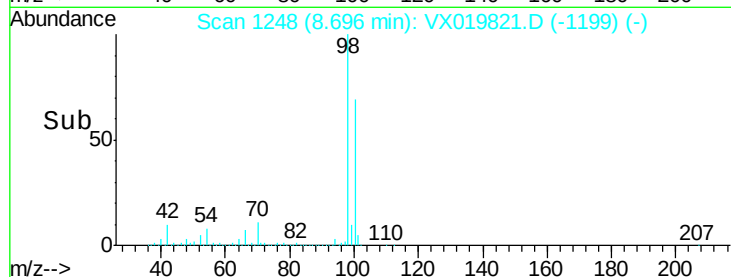
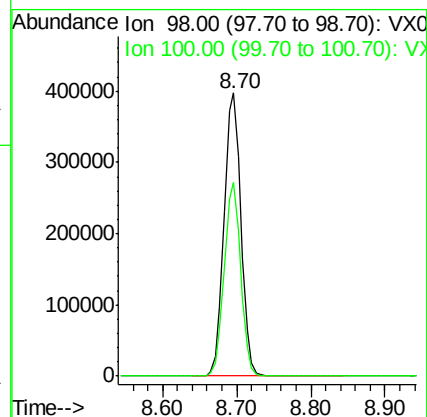
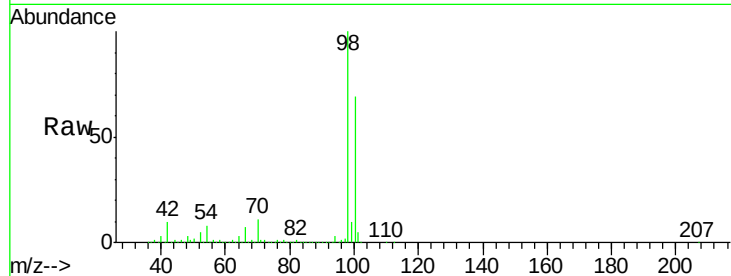
201209001-02-TRIP-BLANK

Tgt Ion: 98 Resp: 621674

Ion Ratio Lower Upper

98 100

100 66.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.532 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019821.D

Acq: 10 Dec 2020 13:34

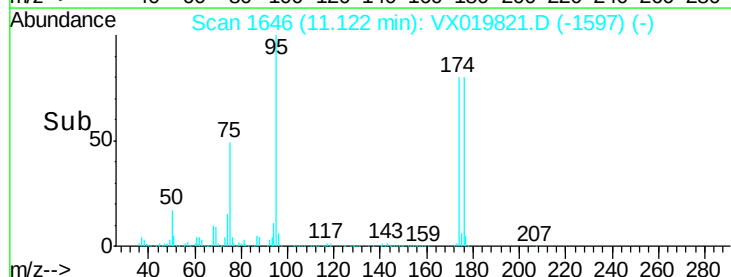
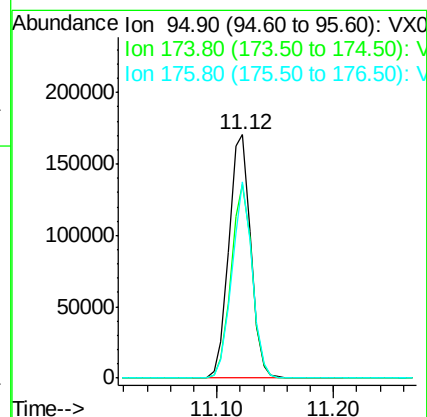
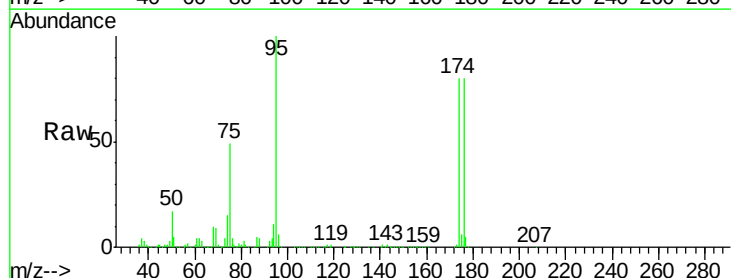
Tgt Ion: 95 Resp: 220419

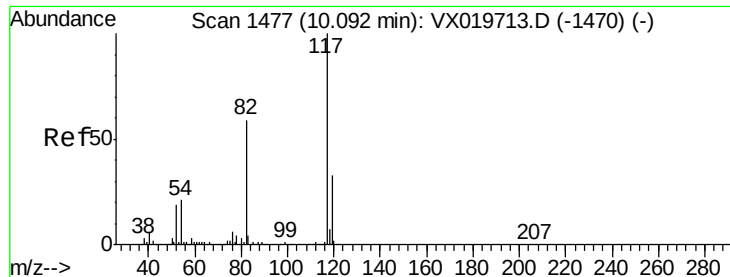
Ion Ratio Lower Upper

95 100

174 77.5 0.0 154.6

176 75.0 0.0 155.8

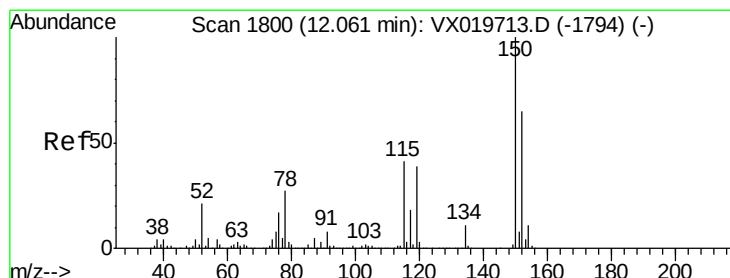
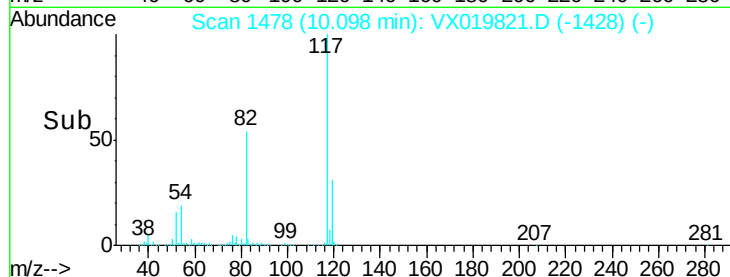
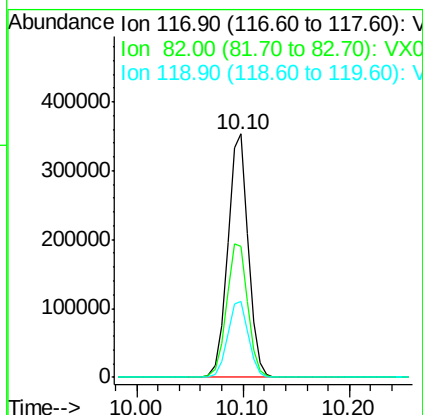
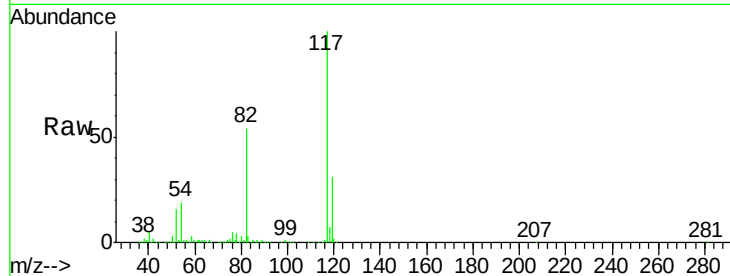




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019821.D
Acq: 10 Dec 2020 13:34

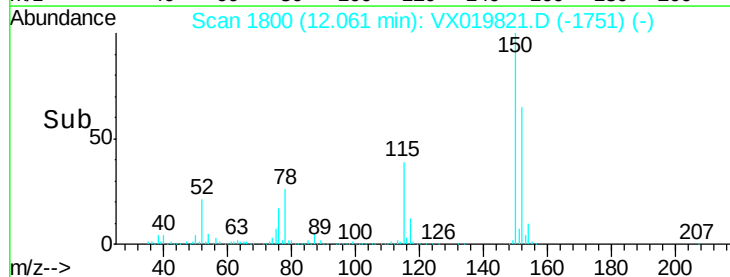
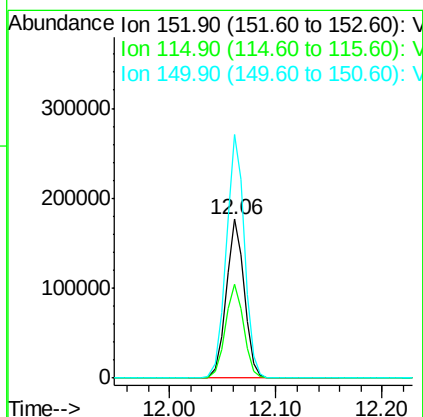
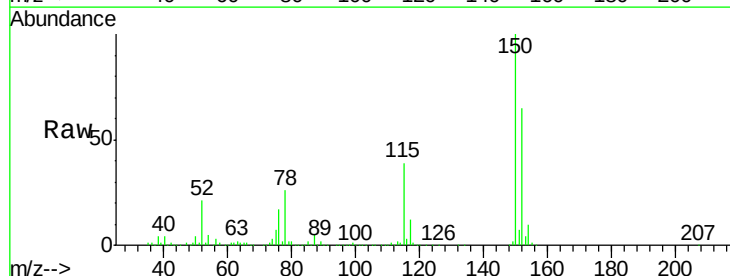
Instrument :
MSVOA_X
ClientSampleId :
201209001-02-TRIP-BLANK

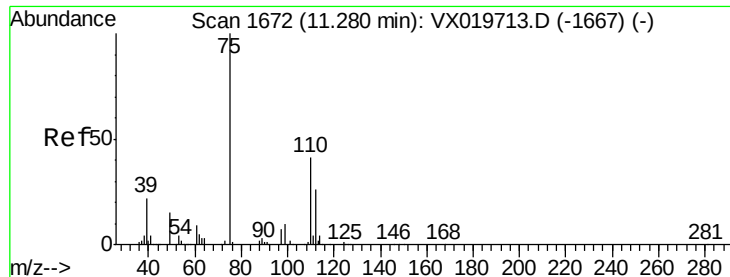
Tgt Ion:117 Resp: 474708
Ion Ratio Lower Upper
117 100
82 53.8 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019821.D
Acq: 10 Dec 2020 13:34

Tgt Ion:152 Resp: 209295
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 154.8 0.0 349.0

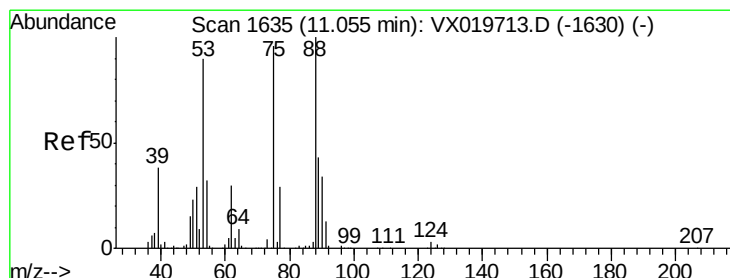
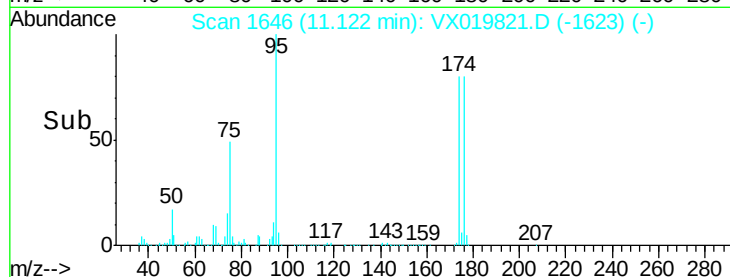
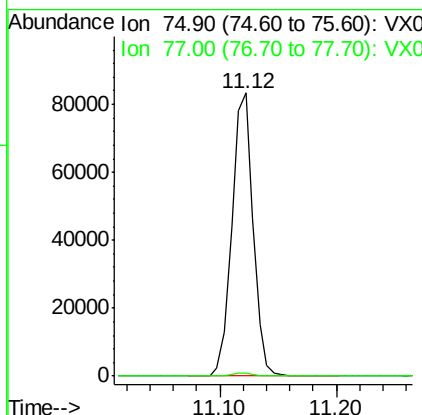
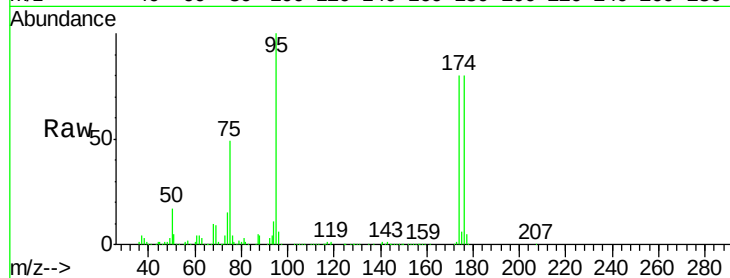




#76
 1,2,3-Trichloropropane
 Concen: 22.488 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX019821.D
 Acq: 10 Dec 2020 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 201209001-02-TRIP-BLANK

Tgt Ion: 75 Resp: 105563
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.010 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX019821.D
 Acq: 10 Dec 2020 13:34

Tgt Ion: 75 Resp: 105563
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

