

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
 Data File : VX020102.D
 Acq On : 17 Dec 2020 06:17
 Operator : JC/MD
 Sample : L5043-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 17 06:52:49 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	293057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	489970	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	454602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	192176	49.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.78%
35) Dibromofluoromethane	5.46	113	152879	48.28	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.56%
50) Toluene-d8	8.70	98	596489	49.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.68%
62) 4-Bromofluorobenzene	11.12	95	210005	45.64	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.28%

Target Compounds

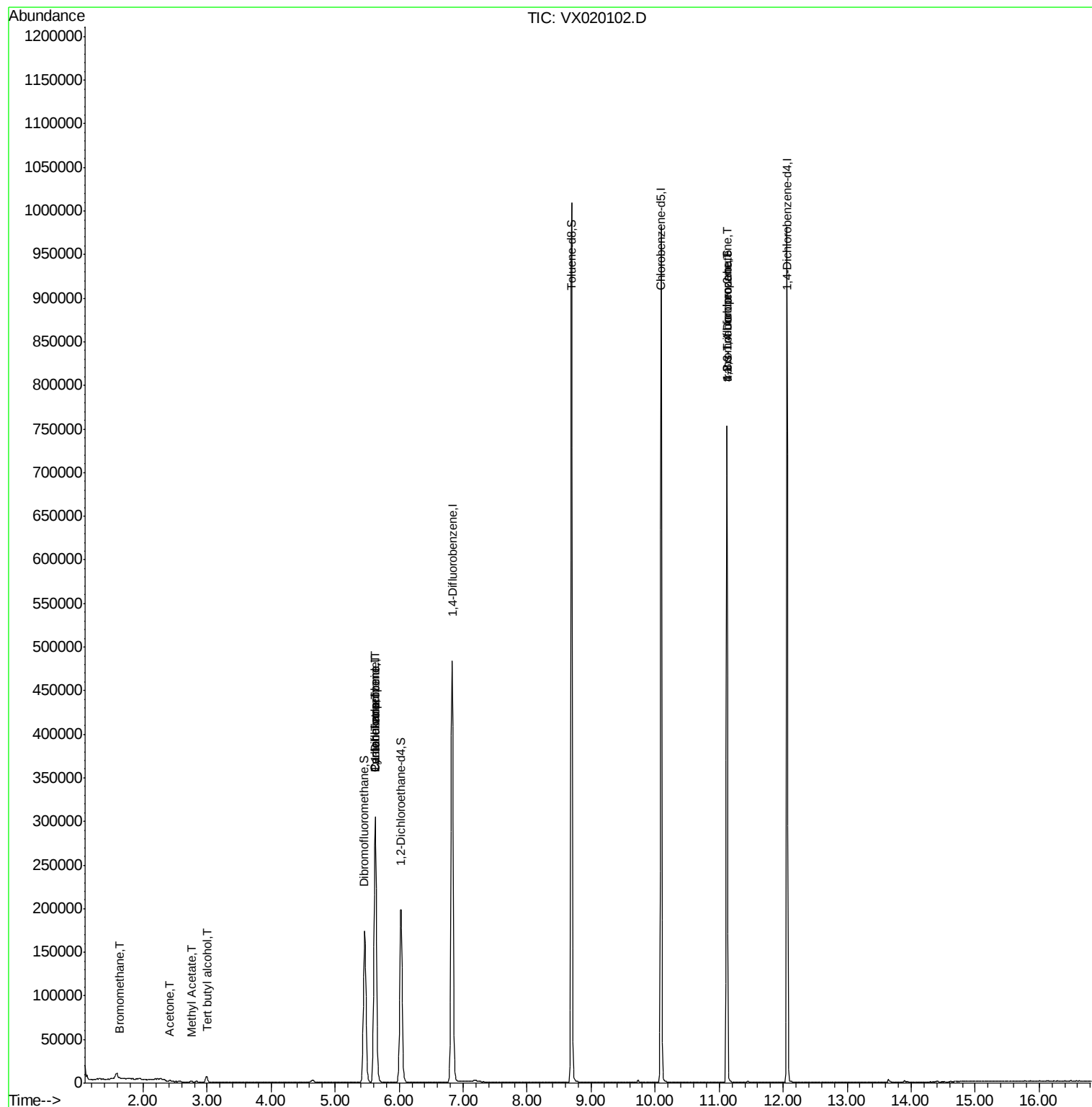
					Qvalue	
5) Bromomethane	1.63	94	535	0.484	ug/l	99
11) Tert butyl alcohol	2.99	59	4187	2.703	ug/l #	73
16) Acetone	2.42	43	915	0.632	ug/l	93
18) Methyl Acetate	2.75	43	1616	0.456	ug/l #	73
20) Methylene Chloride	2.84	84	638	Below Cal	#	83
31) Cyclohexane	5.62	56	5709	1.192	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	22977	5.190	ug/l #	48
38) Carbon Tetrachloride	5.63	117	29142	6.721	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	102180	23.593	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	102180	68.205	ug/l #	12

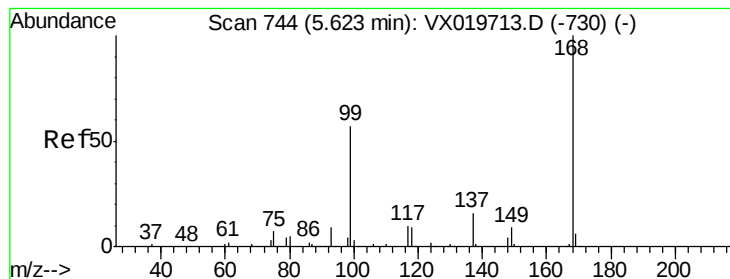
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
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TRIP-BLANK

Quant Time: Dec 17 06:52:49 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: VX020102.D

Acq: 17 Dec 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

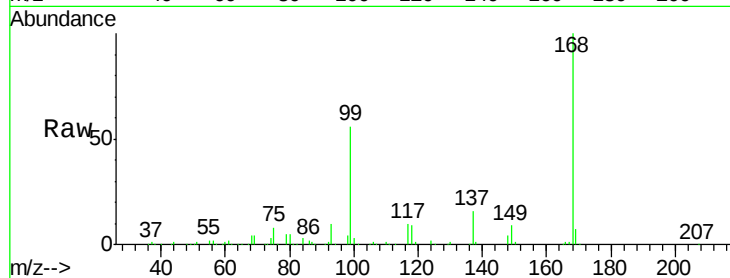
TRIP-BLANK

Tgt Ion:168 Resp: 293057

Ion Ratio Lower Upper

168 100

99 56.3 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

80000

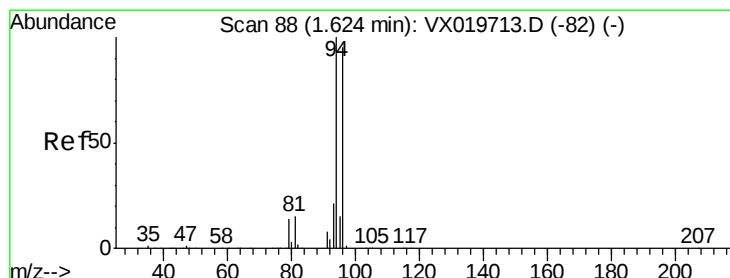
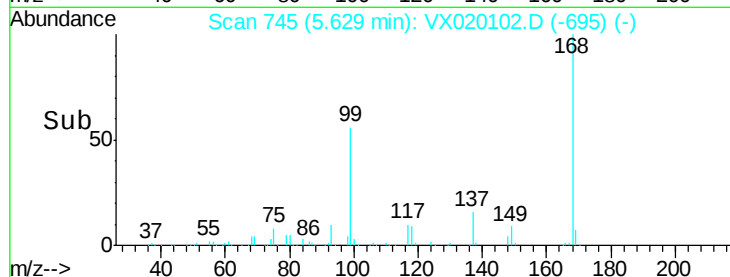
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.484 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX020102.D

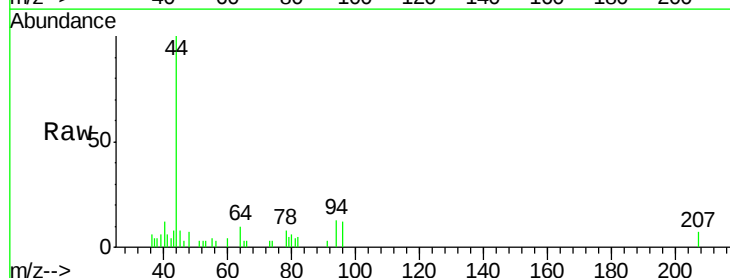
Acq: 17 Dec 2020 06:17

Tgt Ion: 94 Resp: 535

Ion Ratio Lower Upper

94 100

96 94.2 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

300

250

200

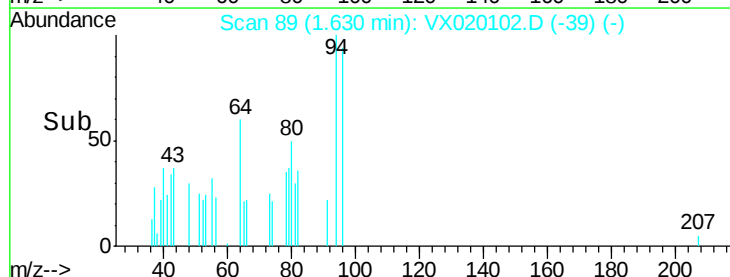
150

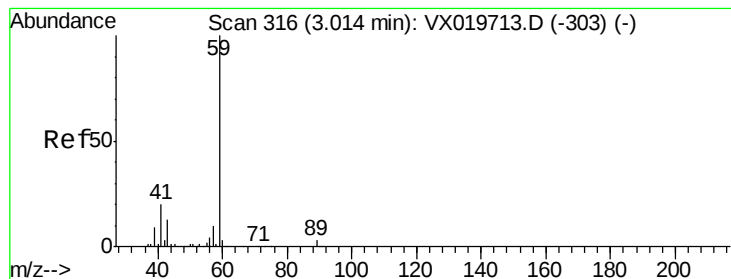
100

50

0

Time-->



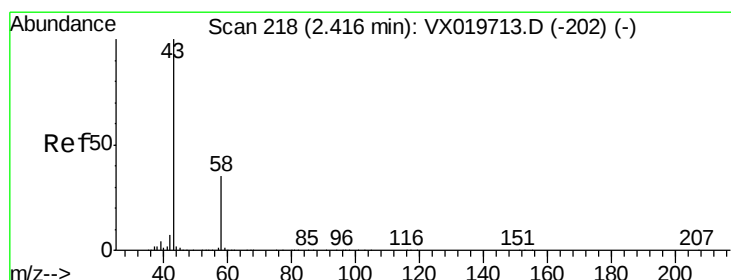
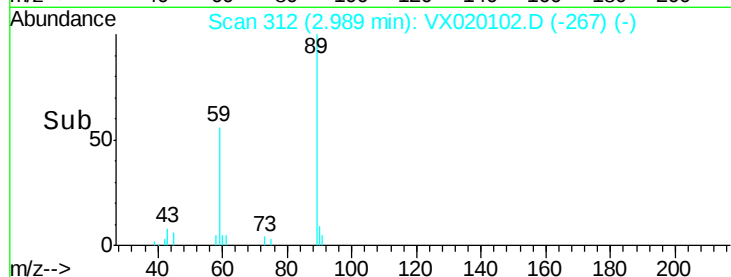
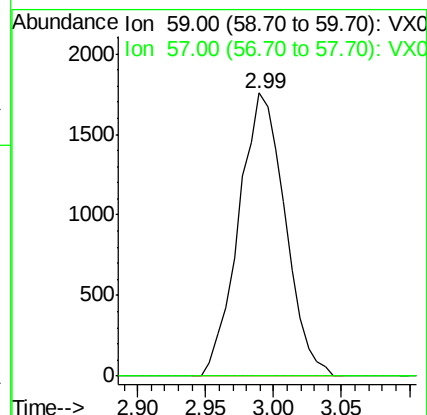
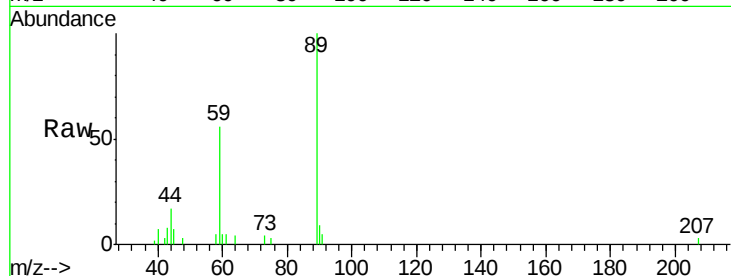


#11

Tert butyl alcohol
 Concen: 2.703 ug/l
 RT: 2.99 min Scan# 312
 Delta R.T. -0.02 min
 Lab File: VX020102.D
 Acq: 17 Dec 2020 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

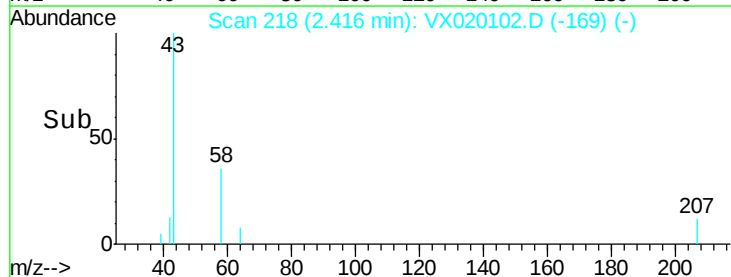
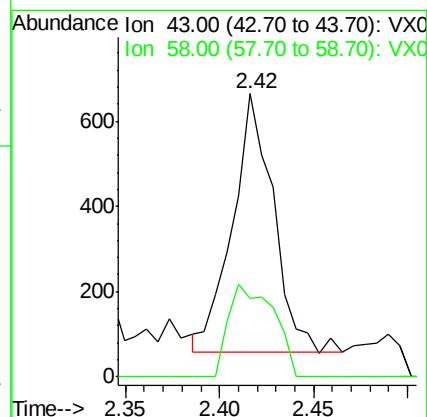
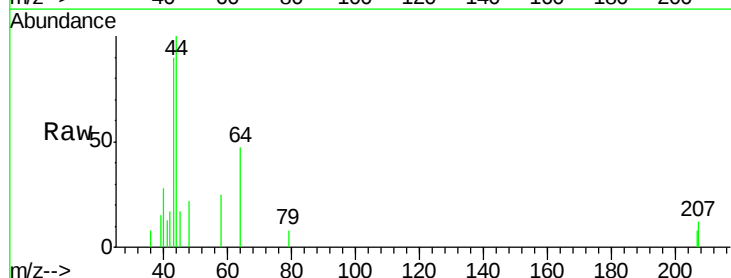
Tgt Ion: 59 Resp: 4187
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#

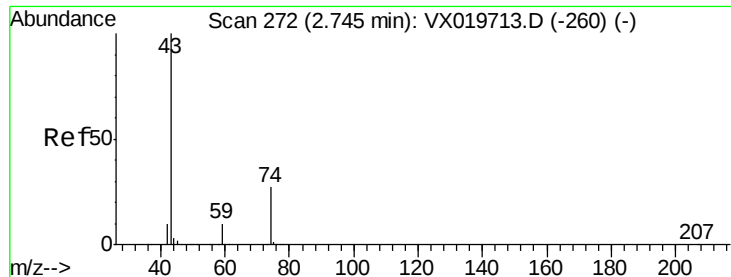


#16

Acetone
 Concen: 0.632 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX020102.D
 Acq: 17 Dec 2020 06:17

Tgt Ion: 43 Resp: 915
 Ion Ratio Lower Upper
 43 100
 58 30.6 27.8 41.8

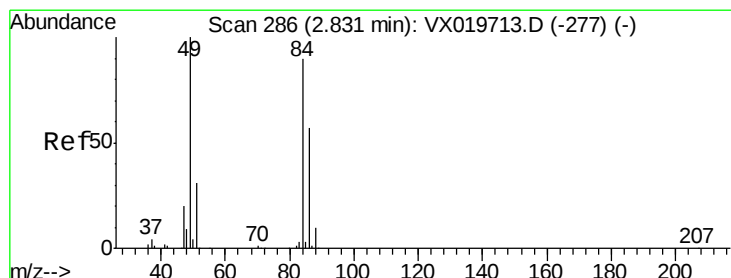
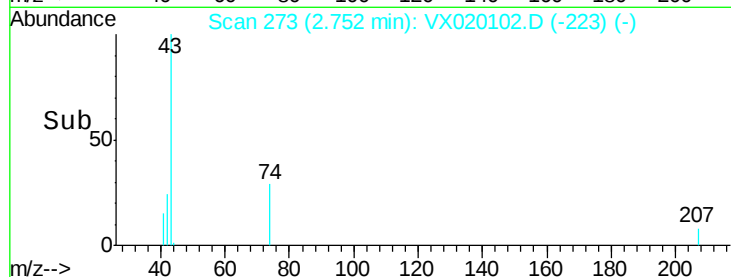
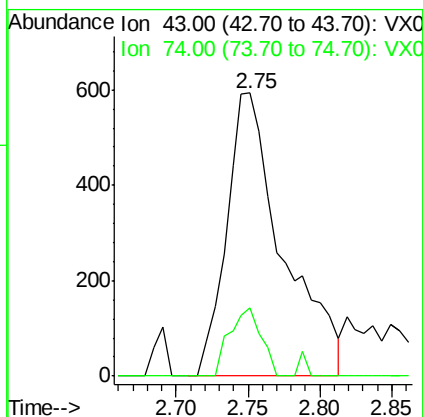
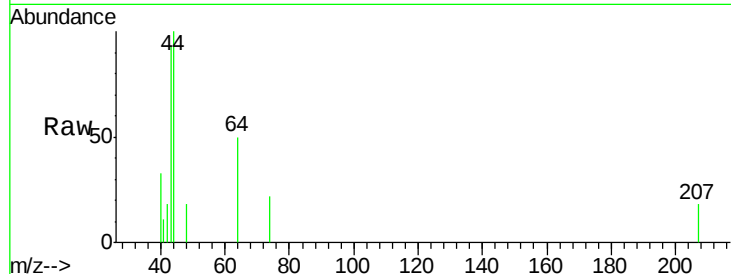




#18
Methyl Acetate
Concen: 0.456 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX020102.D
Acq: 17 Dec 2020 06:17

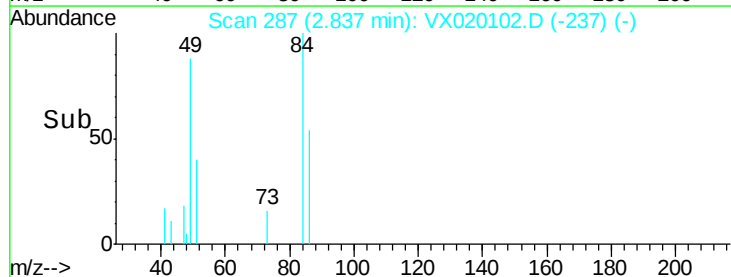
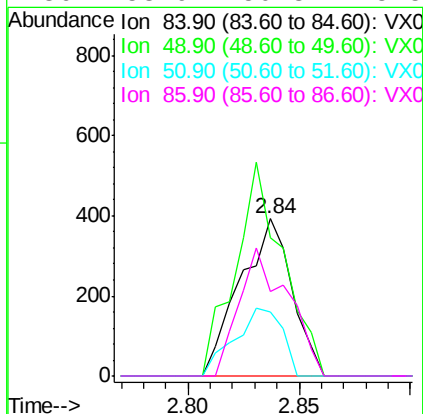
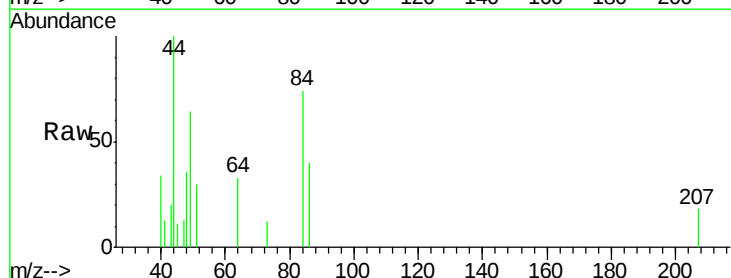
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

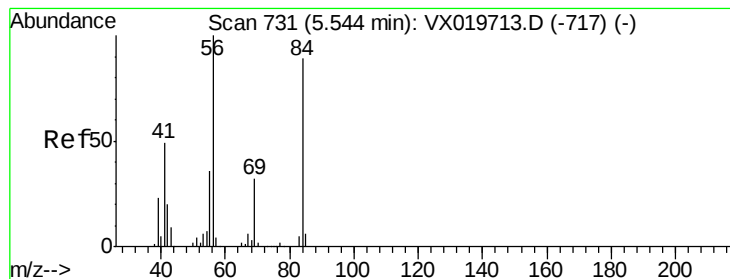
Tgt Ion: 43 Resp: 1616
Ion Ratio Lower Upper
43 100
74 13.6 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX020102.D
Acq: 17 Dec 2020 06:17

Tgt Ion: 84 Resp: 638
Ion Ratio Lower Upper
84 100
49 87.5 88.6 132.8#
51 40.5 27.0 40.6
86 53.9 50.3 75.5





#31

Cyclohexane

Concen: 1.192 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.08 min

Lab File: VX020102.D

Acq: 17 Dec 2020 06:17

Instrument :

MSVOA_X

ClientSampled :

TRIP-BLANK

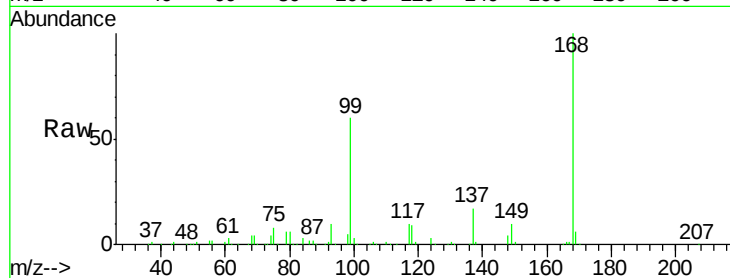
Tgt Ion: 56 Resp: 5709

Ion Ratio Lower Upper

56 100

69 182.6 25.3 37.9#

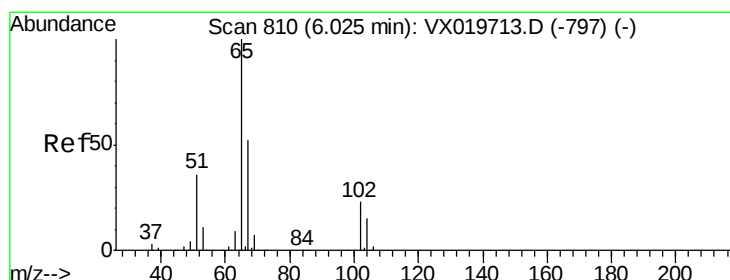
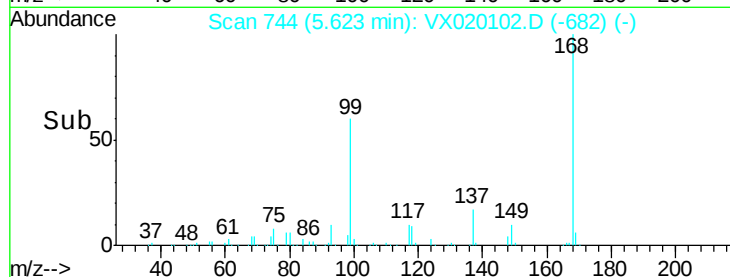
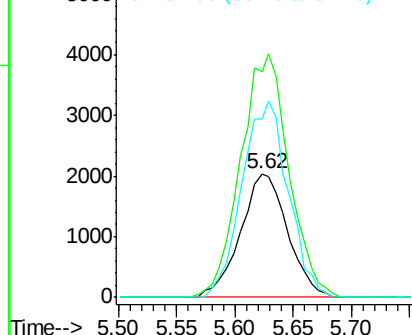
84 144.3 71.4 107.0#



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: 49.895 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX020102.D

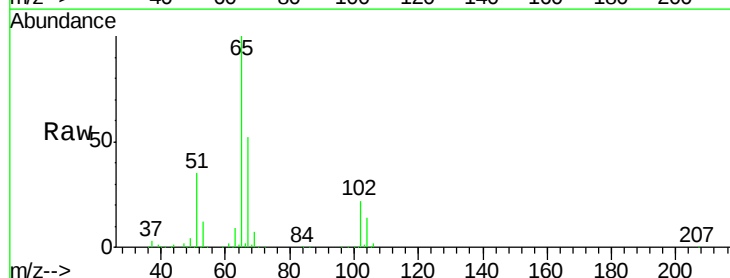
Acq: 17 Dec 2020 06:17

Tgt Ion: 65 Resp: 192176

Ion Ratio Lower Upper

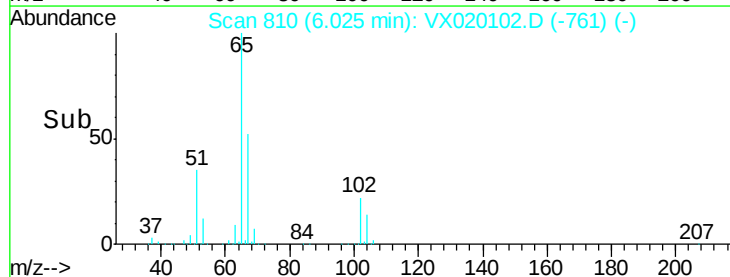
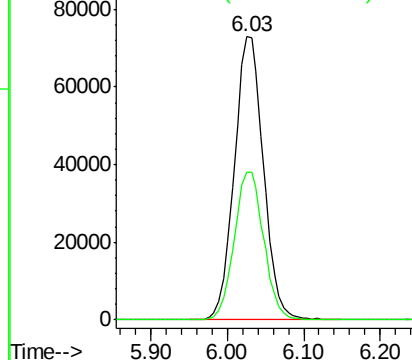
65 100

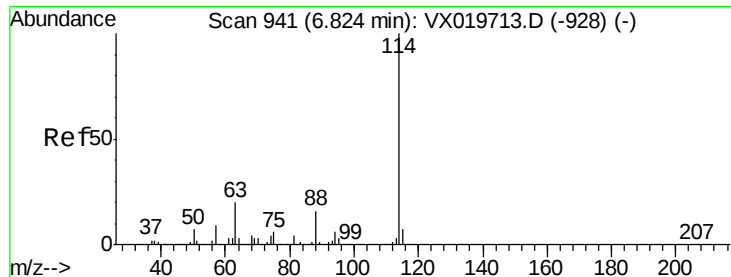
67 53.0 0.0 105.4



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: VX020102.D

Acq: 17 Dec 2020 06:17

Instrument :

MSVOA_X

ClientSampled :

TRIP-BLANK

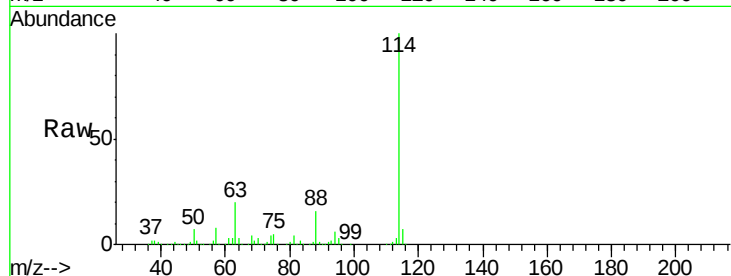
Tgt Ion:114 Resp: 489970

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

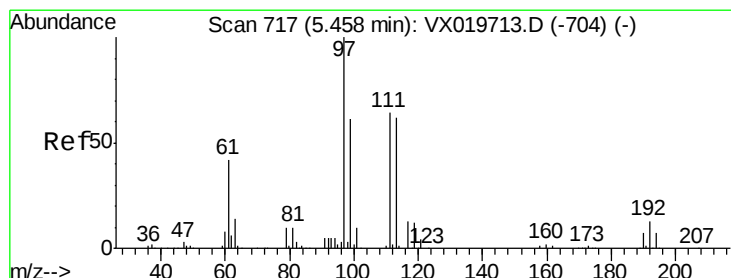
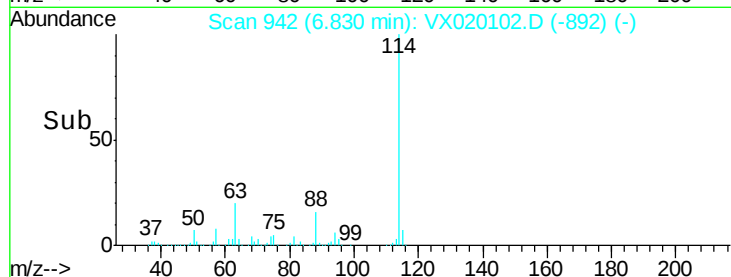
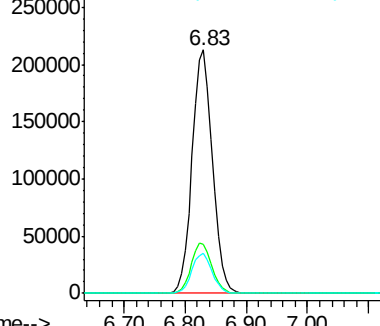
88 16.4 0.0 32.8



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: 48.279 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX020102.D

Acq: 17 Dec 2020 06:17

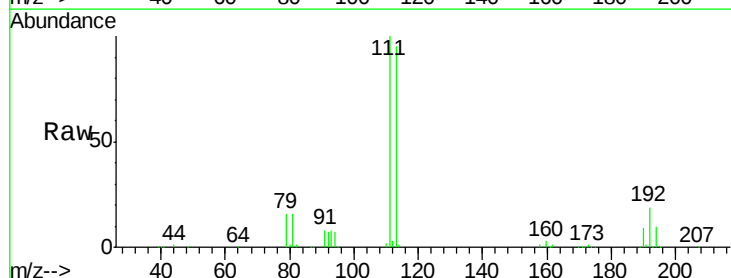
Tgt Ion:113 Resp: 152879

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

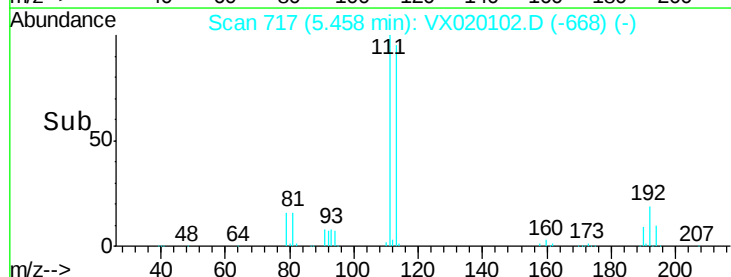
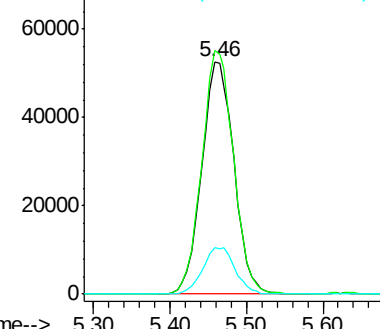
192 20.0 16.7 25.1

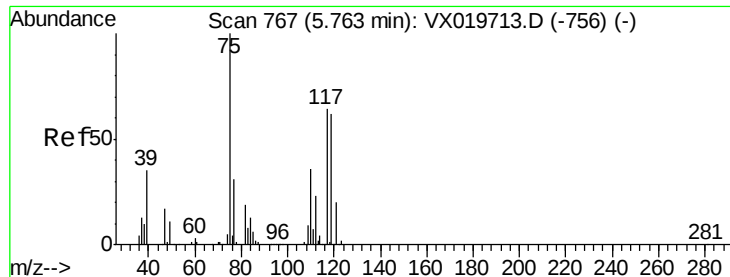


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

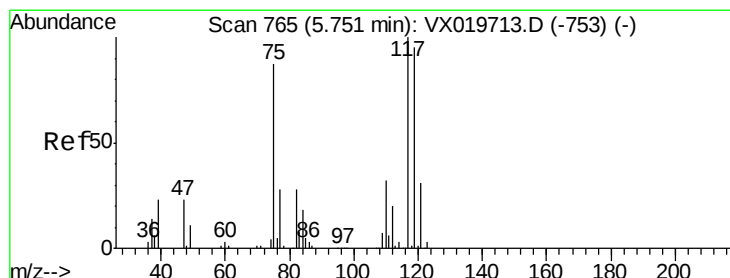
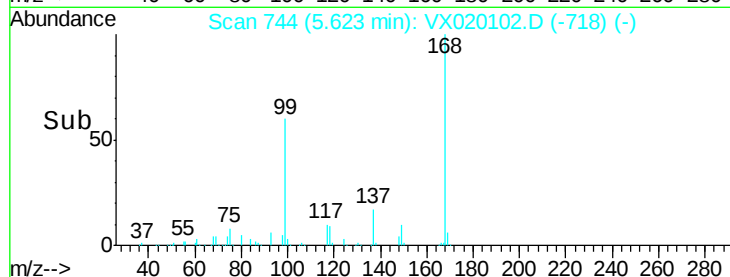
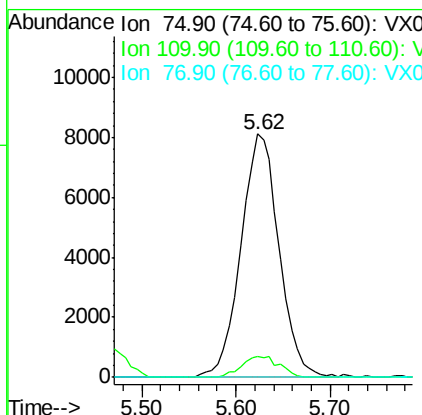
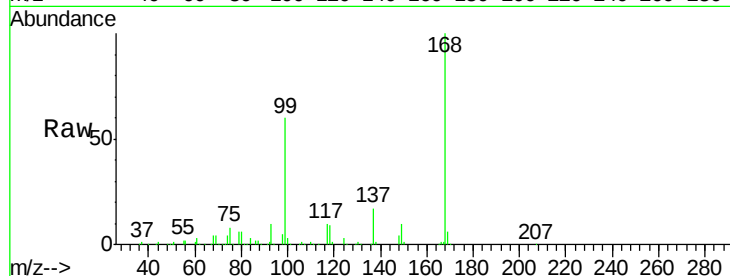




#36
 1,1-Dichloropropene
 Concen: 5.190 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.14 min
 Lab File: VX020102.D
 Acq: 17 Dec 2020 06:17

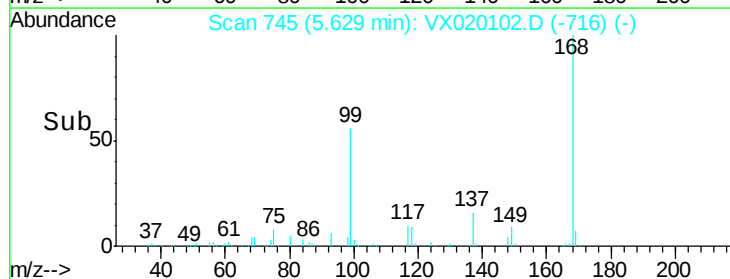
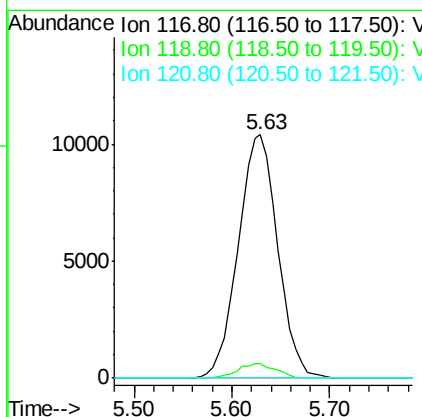
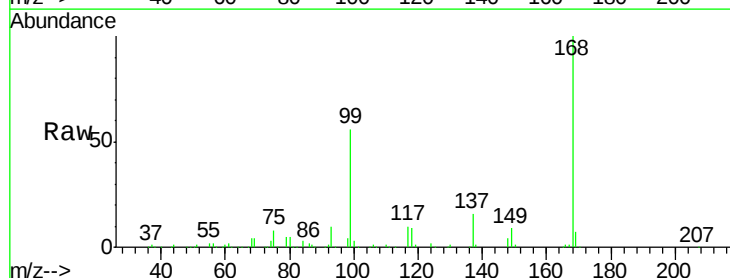
Instrument :
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 ClientSampleId :
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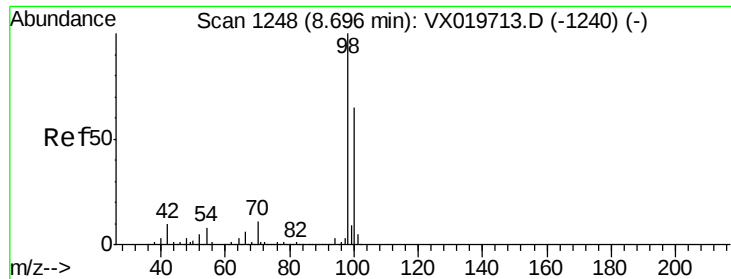
Tgt Ion: 75 Resp: 22977
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.1 54.4#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.721 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.12 min
 Lab File: VX020102.D
 Acq: 17 Dec 2020 06:17

Tgt Ion: 117 Resp: 29142
 Ion Ratio Lower Upper
 117 100
 119 6.1 76.2 114.2#
 121 0.0 24.8 37.2#

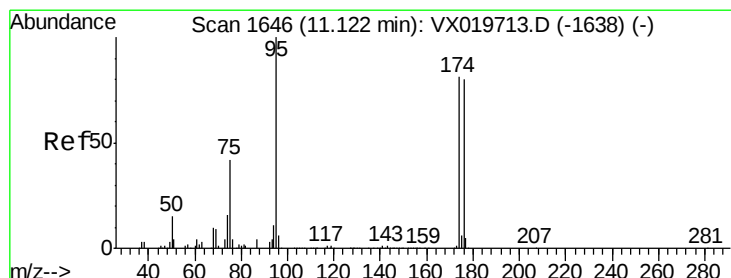
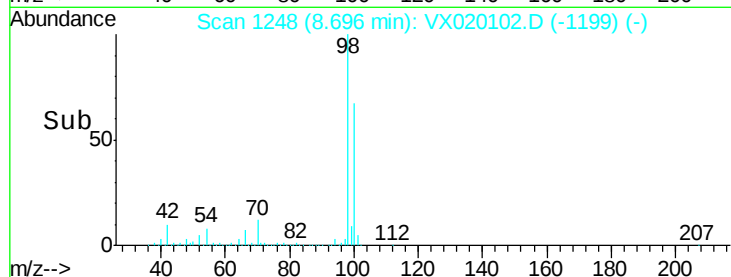
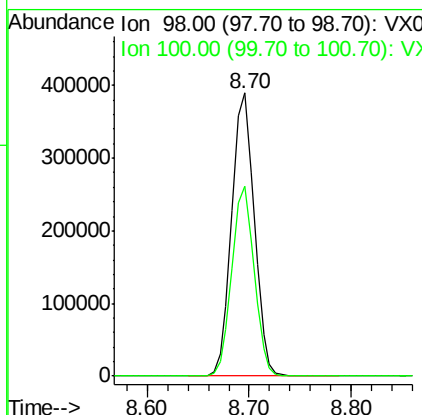
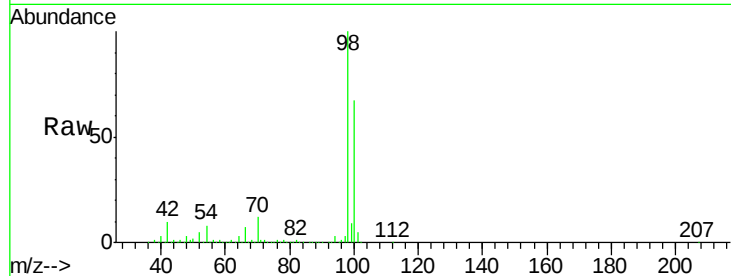




#50
Toluene-d8
Concen: 49.340 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX020102.D
Acq: 17 Dec 2020 06:17

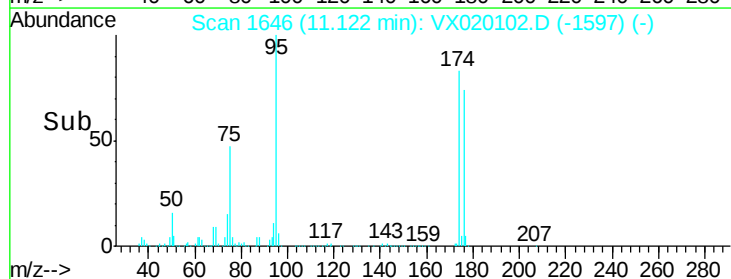
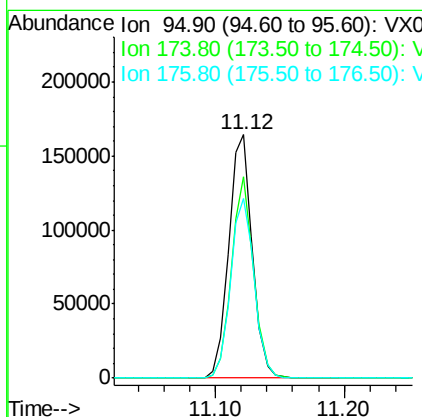
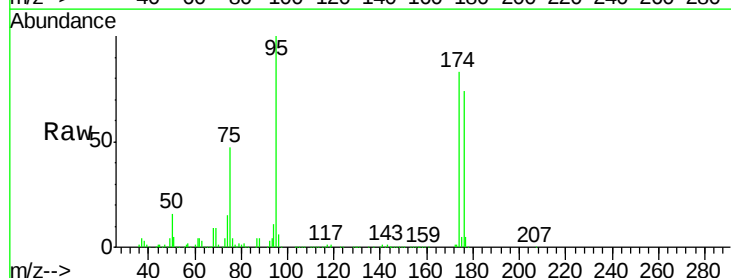
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

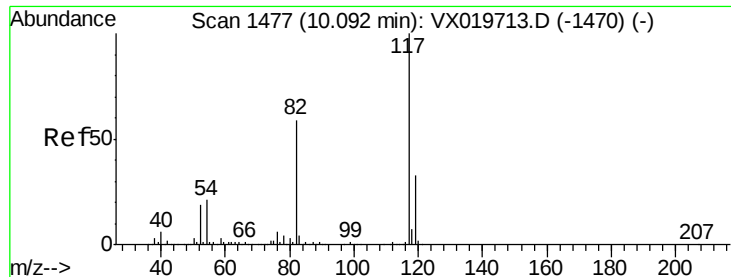
Tgt Ion: 98 Resp: 596489
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.640 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX020102.D
Acq: 17 Dec 2020 06:17

Tgt Ion: 95 Resp: 210005
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 74.2 0.0 155.8

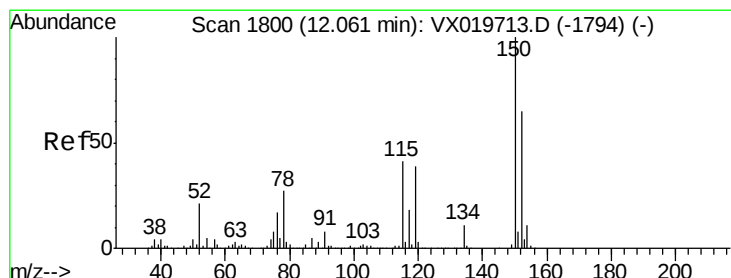
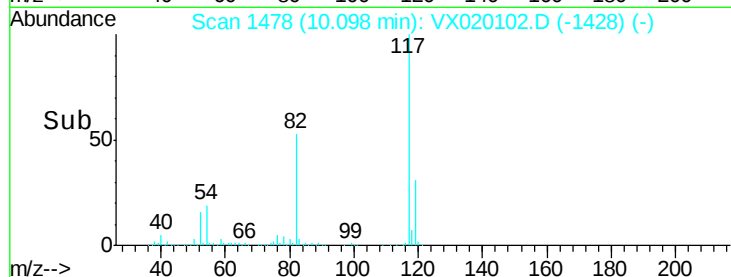
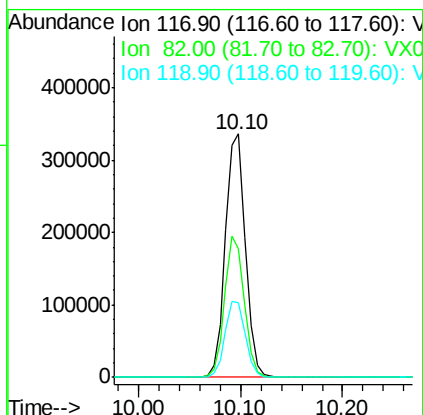
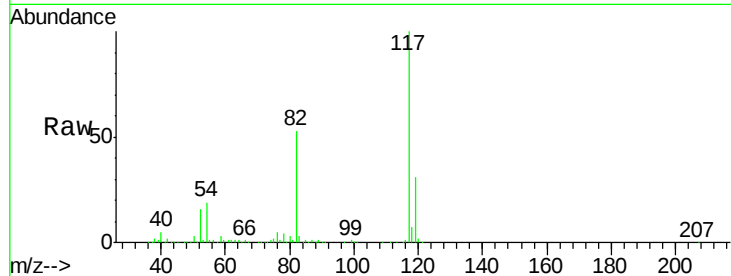




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX020102.D
Acq: 17 Dec 2020 06:17

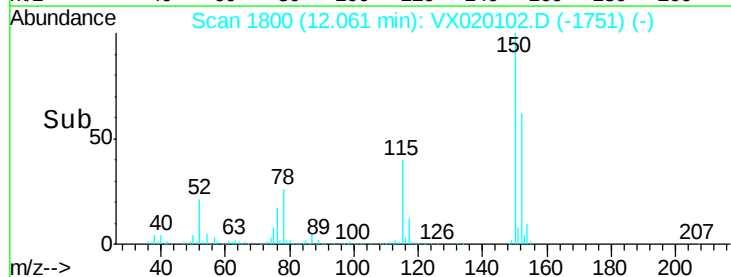
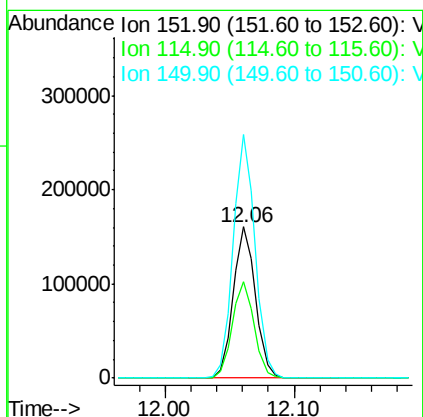
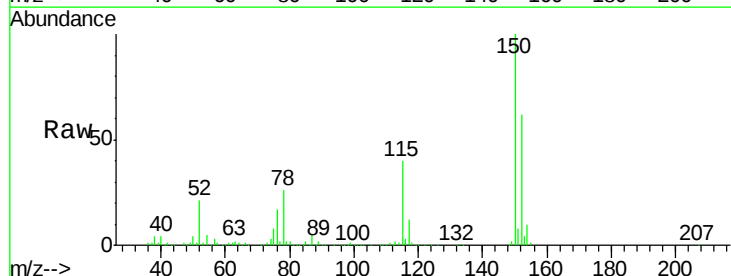
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

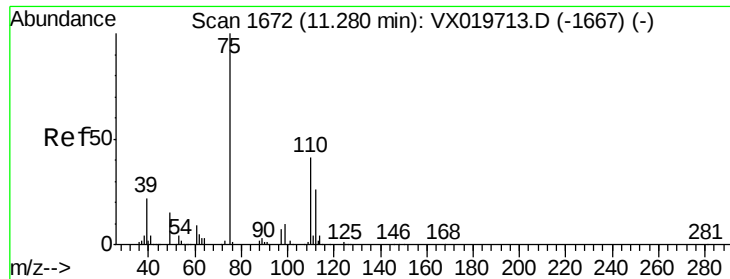
Tgt Ion:117 Resp: 454602
Ion Ratio Lower Upper
117 100
82 52.6 47.4 71.2
119 30.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX020102.D
Acq: 17 Dec 2020 06:17

Tgt Ion:152 Resp: 193098
Ion Ratio Lower Upper
152 100
115 63.0 41.1 123.3
150 158.8 0.0 349.0

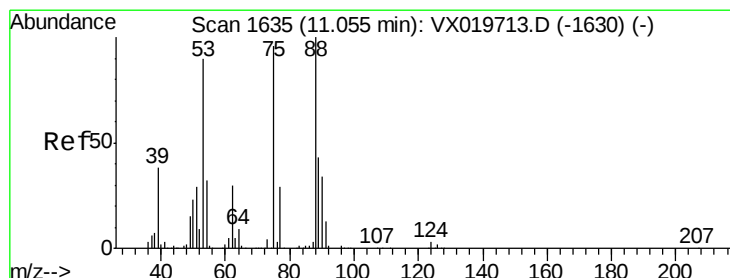
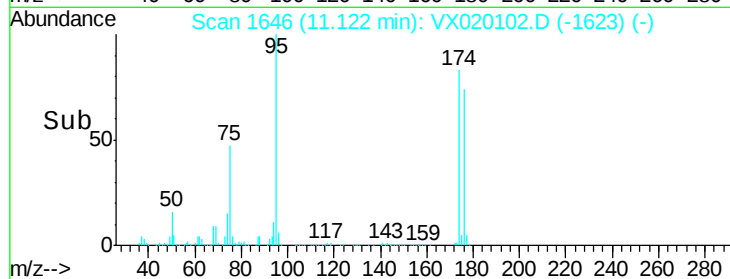
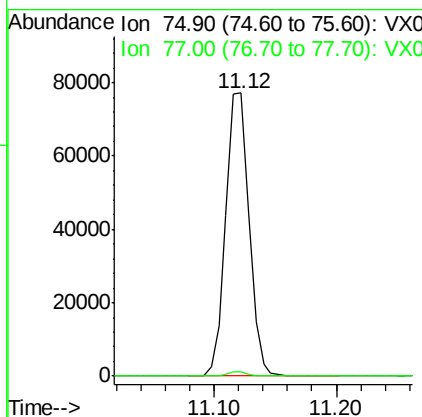
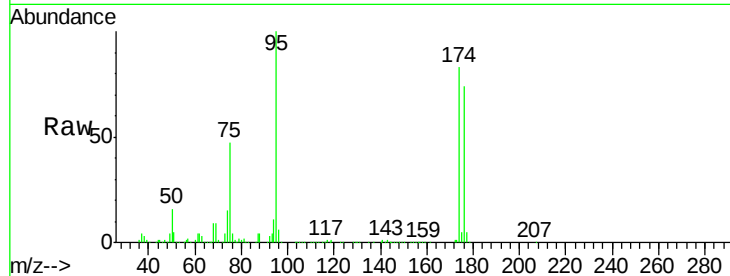




#76
 1,2,3-Trichloropropane
 Concen: 23.593 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX020102.D
 Acq: 17 Dec 2020 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Tgt Ion: 75 Resp: 102180
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.205 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX020102.D
 Acq: 17 Dec 2020 06:17

Tgt Ion: 75 Resp: 102180
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

