

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
 Data File : VX016068.D
 Acq On : 05 May 2020 16:51
 Operator : JC/SP
 Sample : L2508-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: May 06 09:22:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	285354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	474477	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	464304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	242536	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	178835	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	
35) Dibromofluoromethane	5.47	113	139098	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	
50) Toluene-d8	8.70	98	577025	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	11.12	95	236466	53.68	ug/l	0.00
Spiked Amount			Recovery	=	107.36%	

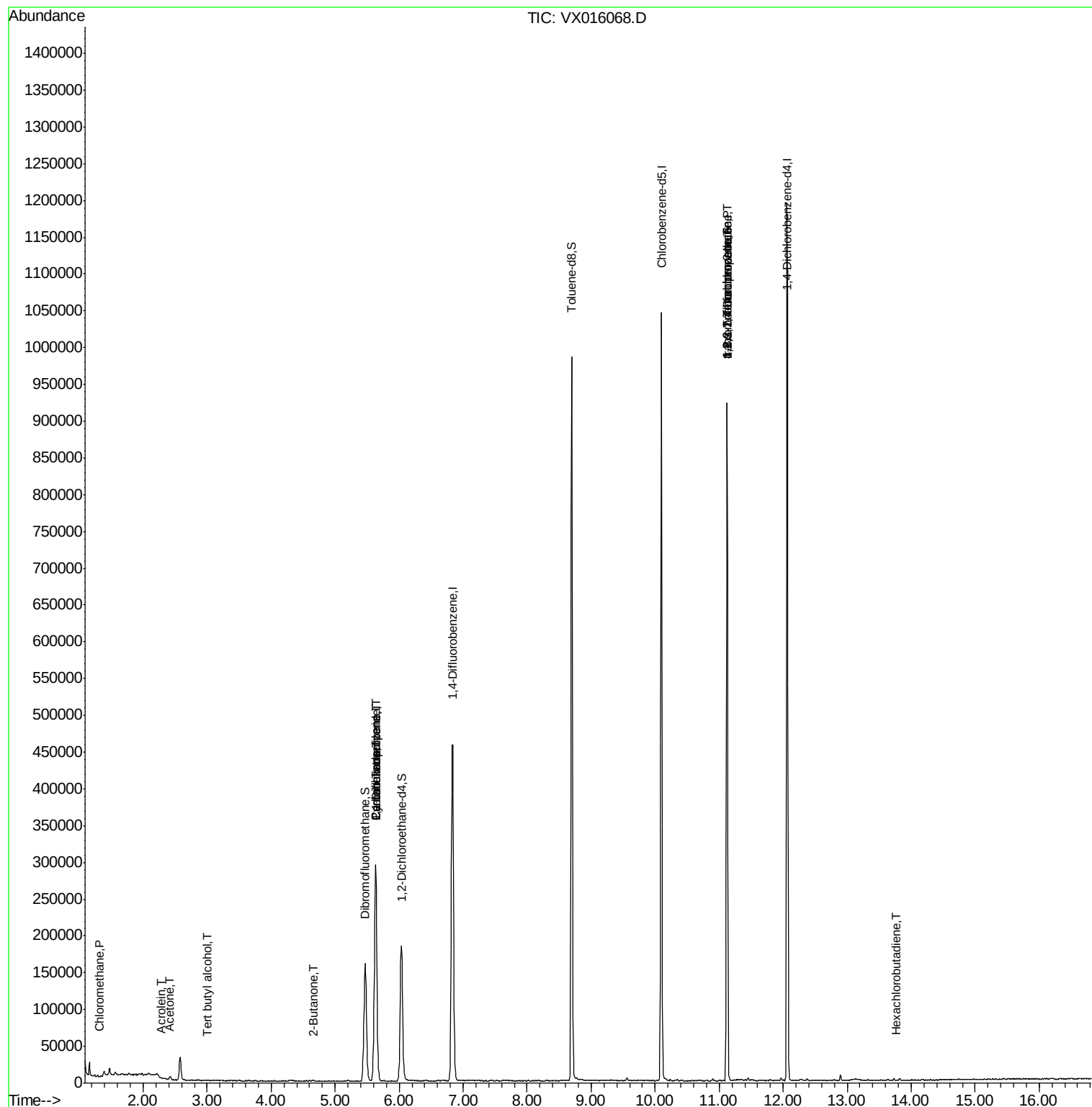
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	785	0.224	ug/l	96
11) Tert butyl alcohol	3.01	59	516	0.543	ug/l #	72
13) Acrolein	2.28	56	265	0.446	ug/l #	79
16) Acetone	2.42	43	5197	3.102	ug/l	93
25) 2-Butanone	4.65	43	1263	0.468	ug/l	91
31) Cyclohexane	5.64	56	6119	1.173	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	21792	4.666	ug/l #	50
38) Carbon Tetrachloride	5.64	117	28453	5.994	ug/l #	14
75) 1,1,2,2-Tetrachloroethane	11.12	83	248	2.124	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	119099	21.640	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	119099	51.569	ug/l #	13
94) Hexachlorobutadiene	13.77	225	65	0.549	ug/l #	47

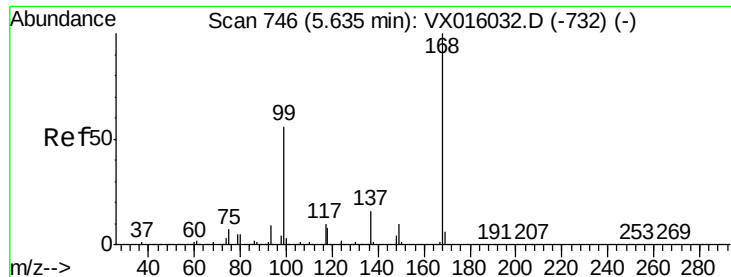
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016068.D

Acq: 05 May 2020 16:51

Instrument :

MSVOA_X

ClientSampled :

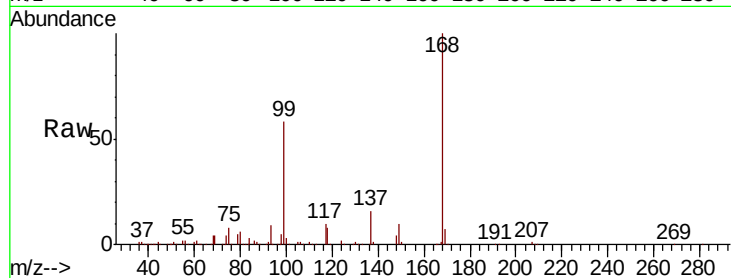
BFB

Tot Ion:168 Resp: 285354

Ion Ratio Lower Upper

168 100

99 58.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

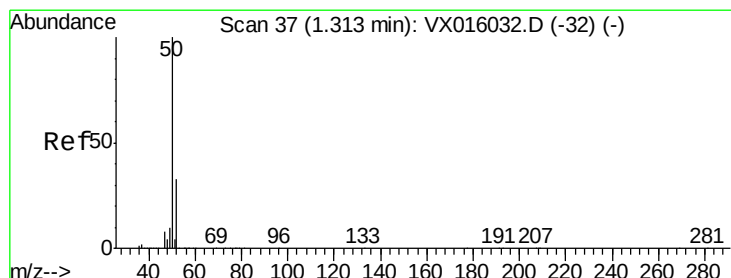
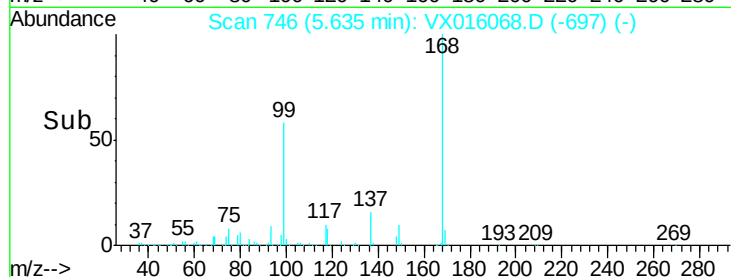
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.224 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016068.D

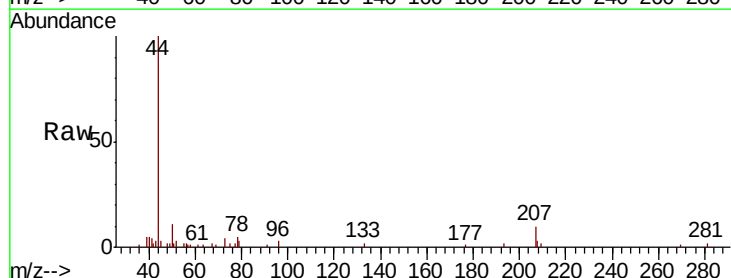
Acq: 05 May 2020 16:51

Tgt Ion: 50 Resp: 785

Ion Ratio Lower Upper

50 100

52 30.4 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

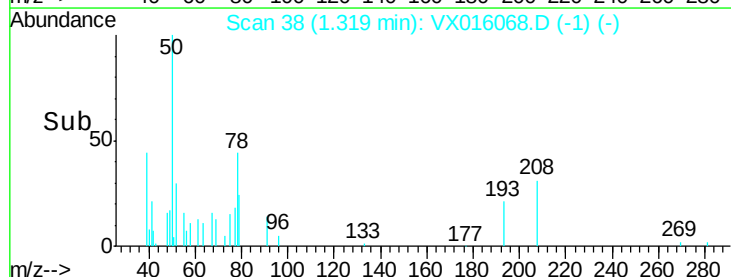
300

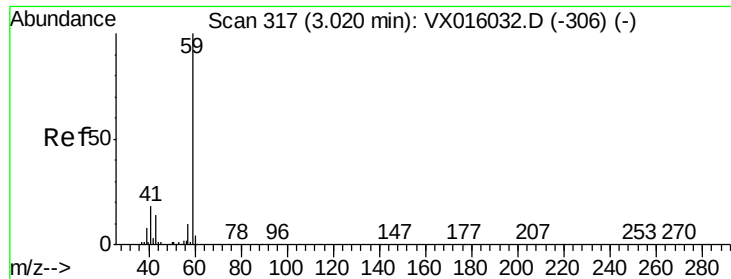
200

100

0

Time-->

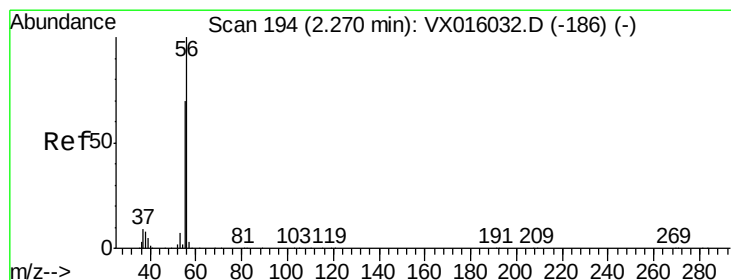
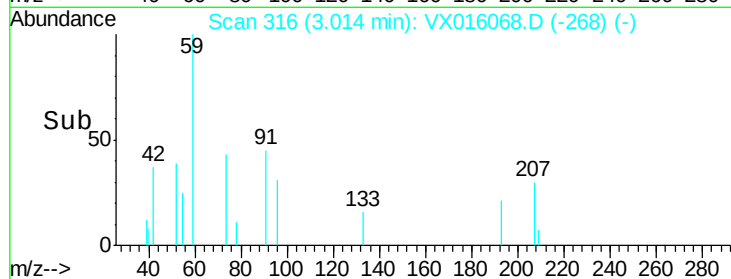
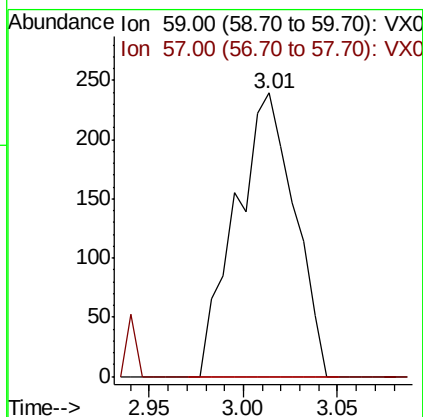
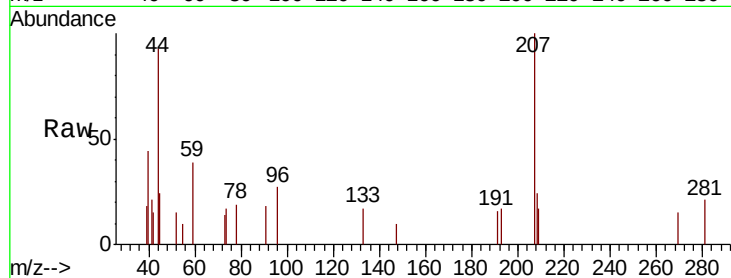




#11
Tert butyl alcohol
Concen: 0.543 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016068.D
Acq: 05 May 2020 16:51

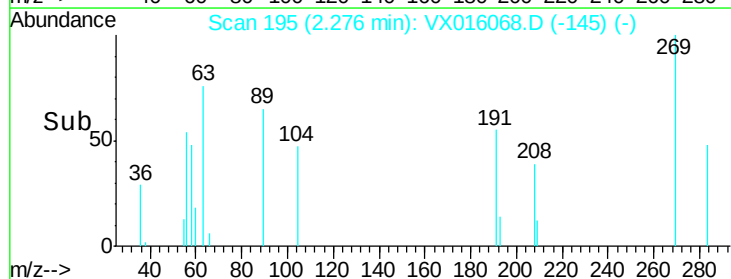
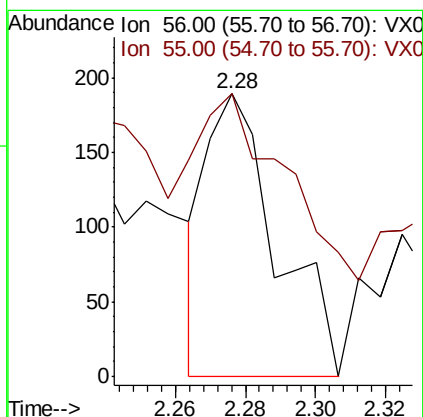
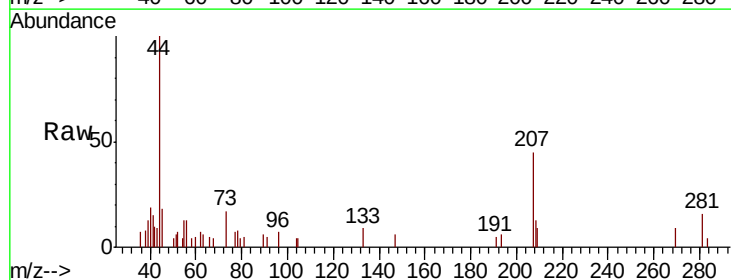
Instrument :
MSVOA_X
ClientSampled :
BFB

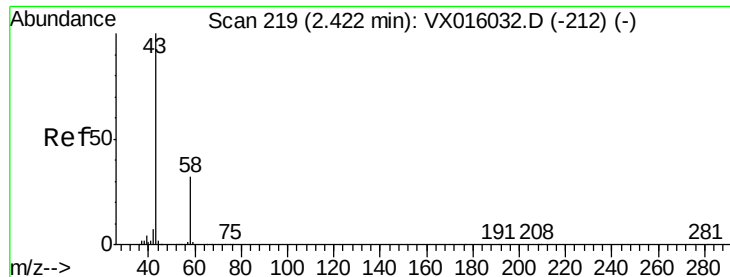
Tot Ion: 59 Resp: 516
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.446 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016068.D
Acq: 05 May 2020 16:51

Tgt Ion: 56 Resp: 265
Ion Ratio Lower Upper
56 100
55 87.9 56.5 84.7#

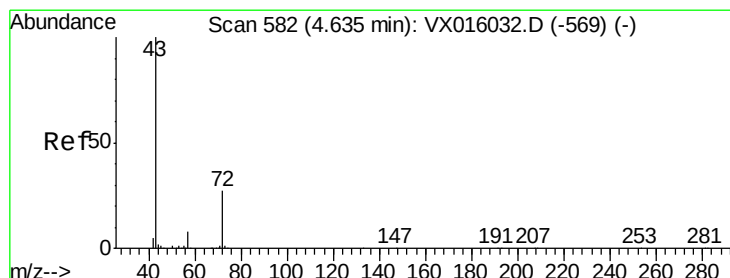
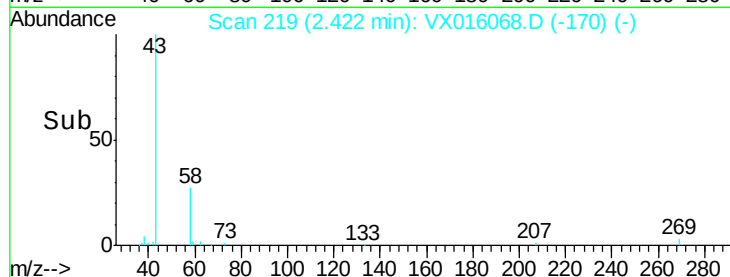
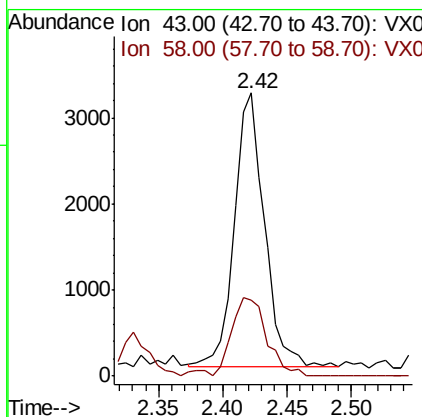
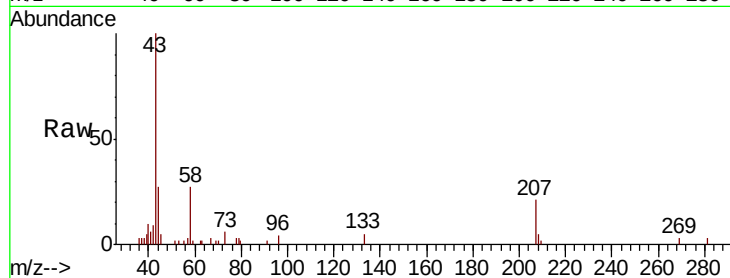




#16
Acetone
Concen: 3.102 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX016068.D
Acq: 05 May 2020 16:51

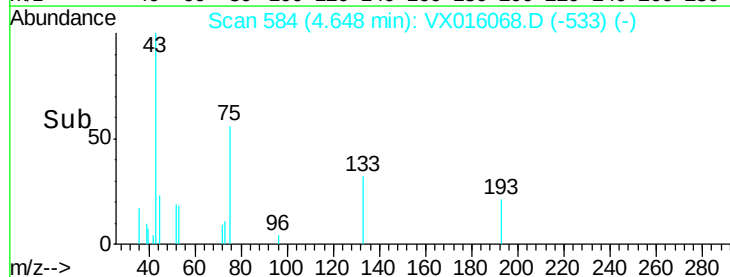
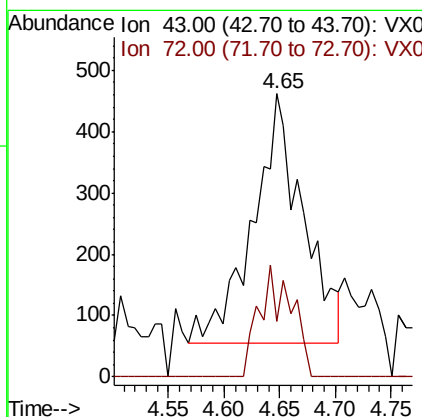
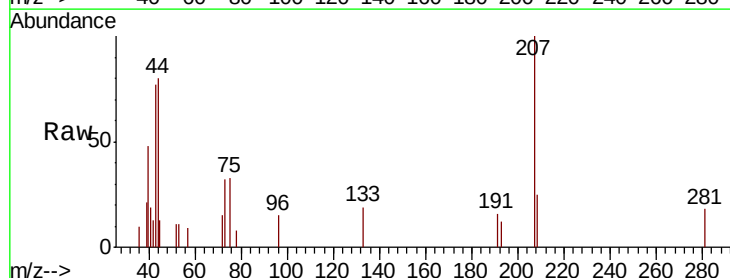
Instrument :
MSVOA_X
ClientSampled :
BFB

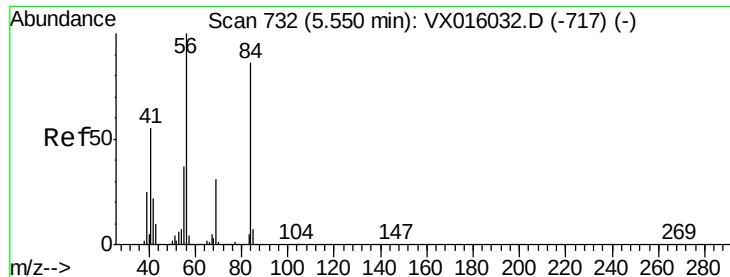
Tot Ion: 43 Resp: 5197
Ion Ratio Lower Upper
43 100
58 27.7 25.4 38.0



#25
2-Butanone
Concen: 0.468 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX016068.D
Acq: 05 May 2020 16:51

Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
72 22.4 21.8 32.8

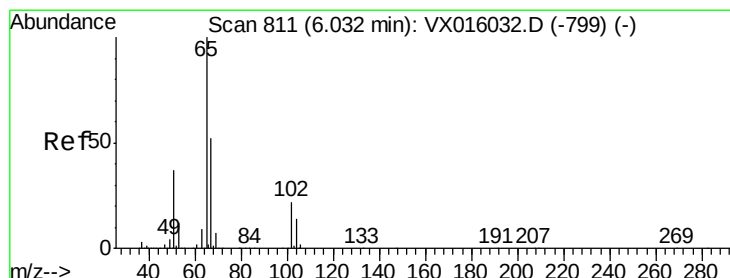
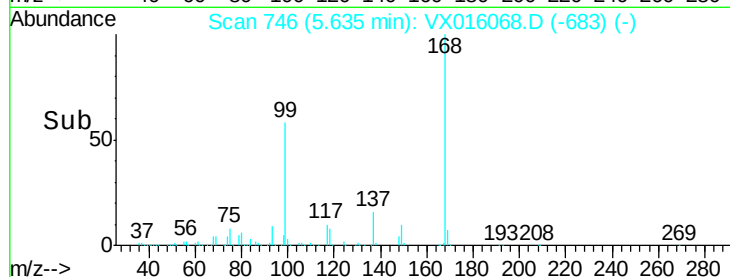
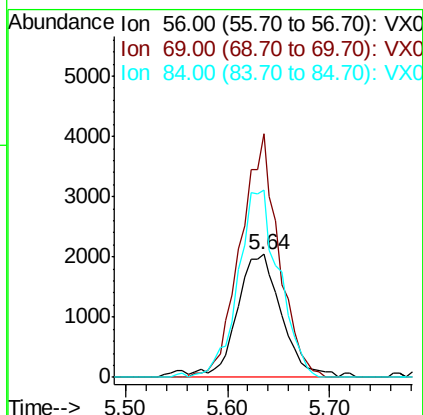
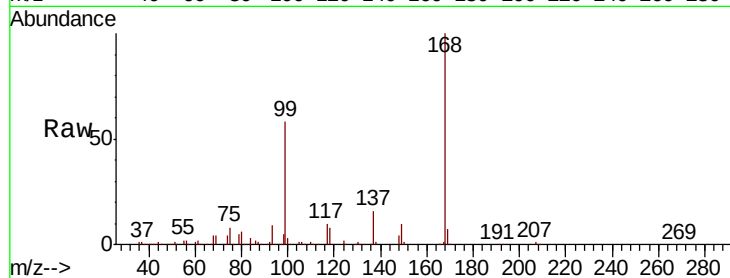




#31
Cyclohexane
Concen: 1.173 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX016068.D
Acq: 05 May 2020 16:51

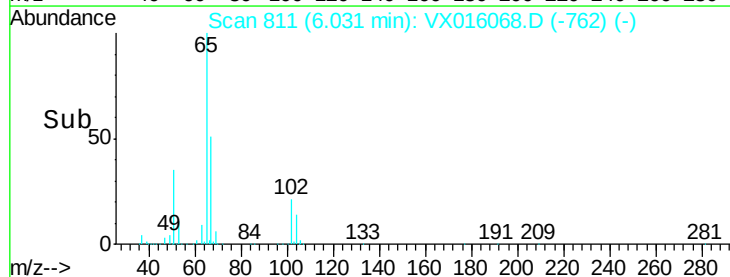
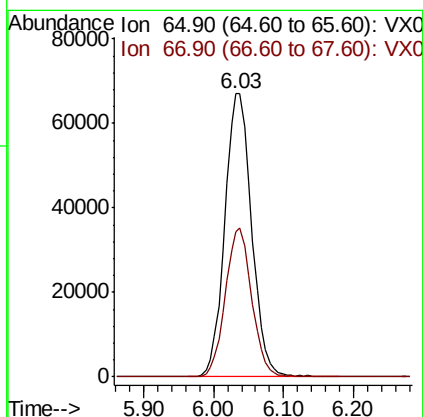
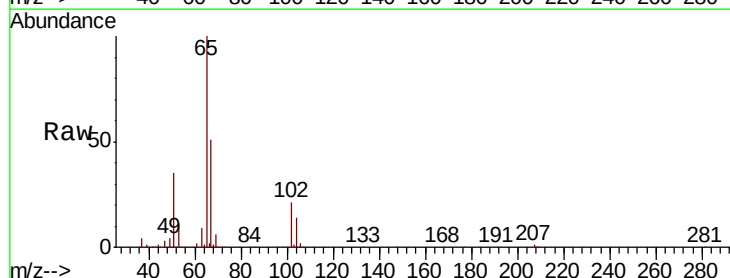
Instrument :
MSVOA_X
ClientSampled :
BFB

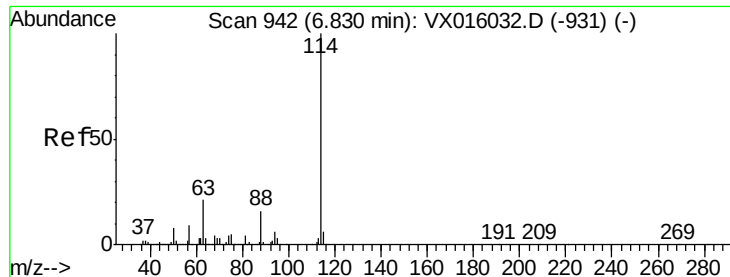
Tot Ion: 56 Resp: 6119
Ion Ratio Lower Upper
56 100
69 198.0 25.0 37.6#
84 151.9 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 47.626 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016068.D
Acq: 05 May 2020 16:51

Tgt Ion: 65 Resp: 178835
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016068.D

Acq: 05 May 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

BFB

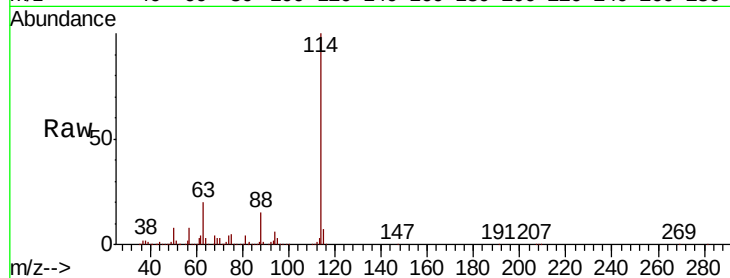
Tot Ion:114 Resp: 474477

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

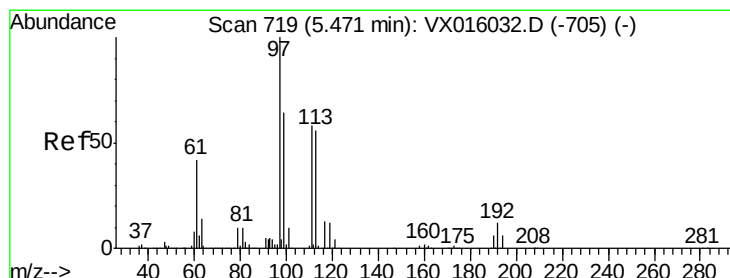
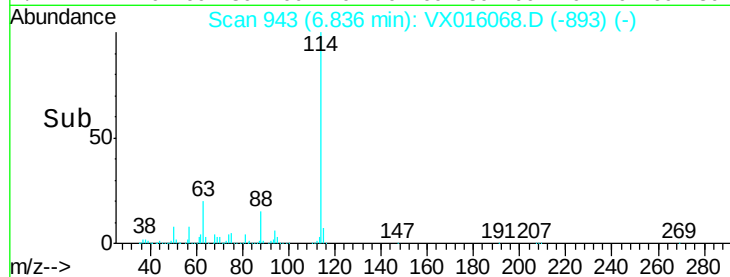
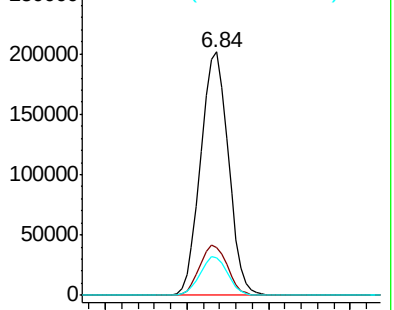
88 15.2 0.0 31.4



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: 46.273 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016068.D

Acq: 05 May 2020 16:51

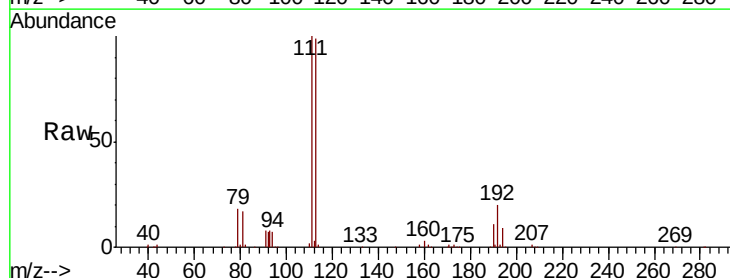
Tgt Ion:113 Resp: 139098

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

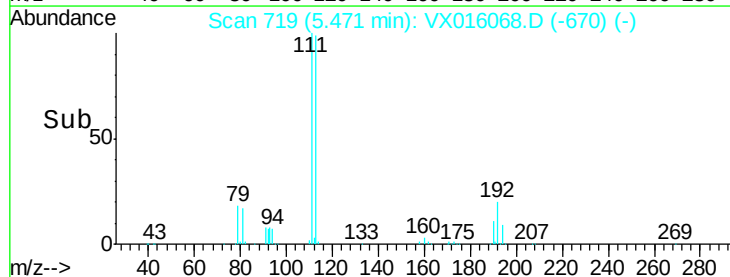
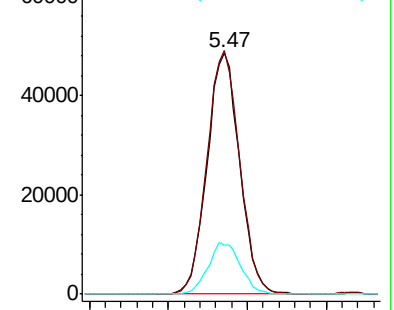
192 21.5 17.0 25.4

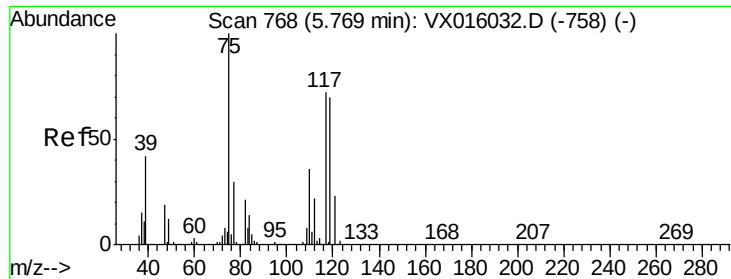


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

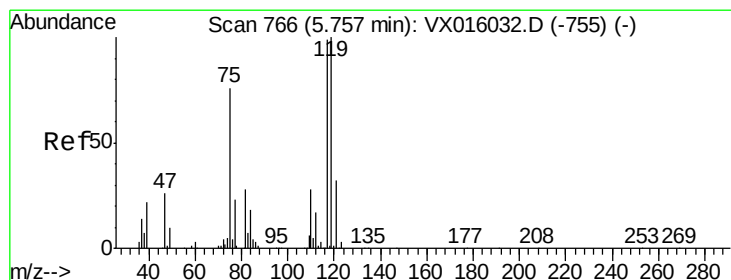
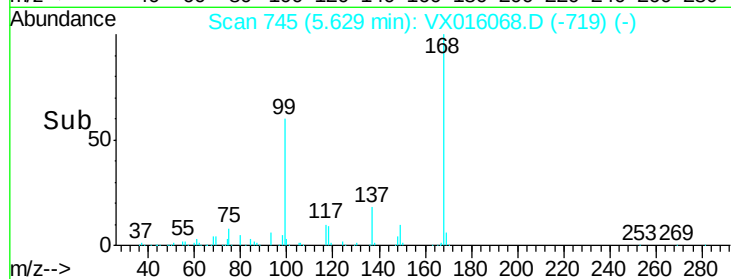
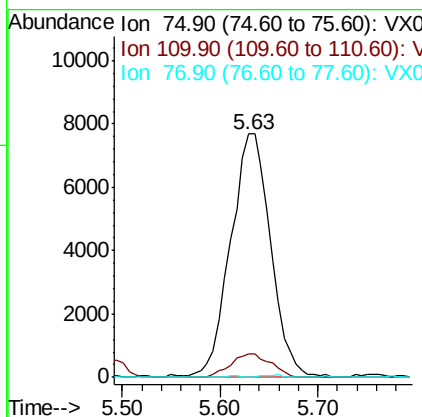
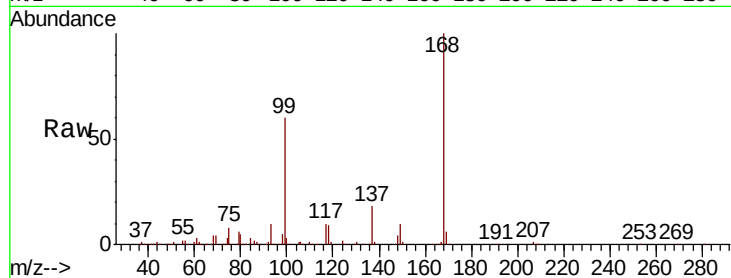




#36
 1,1-Dichloropropene
 Concen: 4.666 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016068.D
 Acq: 05 May 2020 16:51

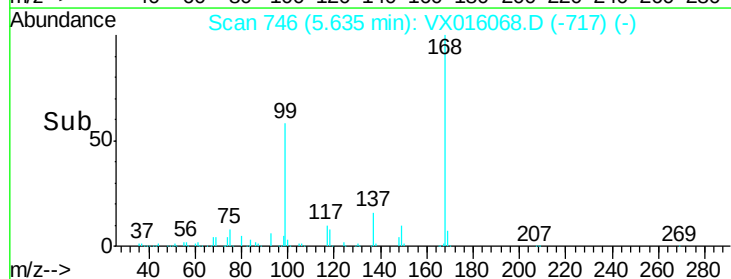
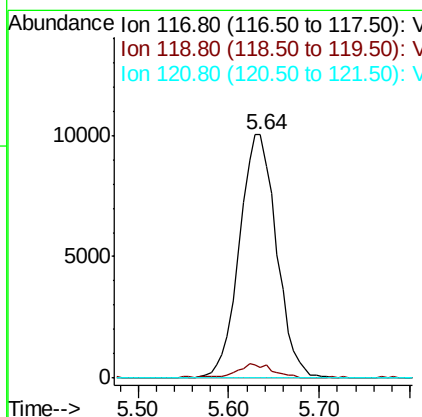
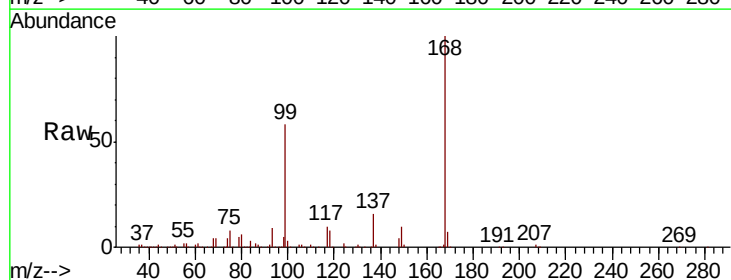
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

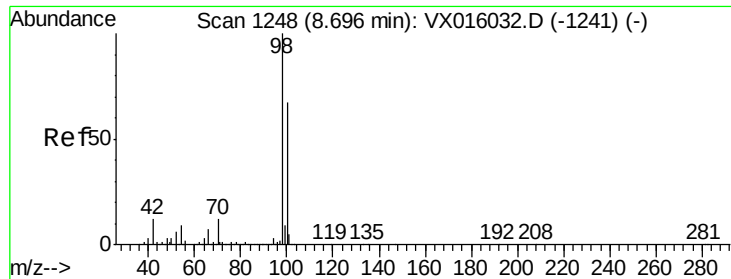
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.1#
77	0.2	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.994 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.12 min
 Lab File: VX016068.D
 Acq: 05 May 2020 16:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	80.3	120.5#
121	0.0	25.7	38.5#

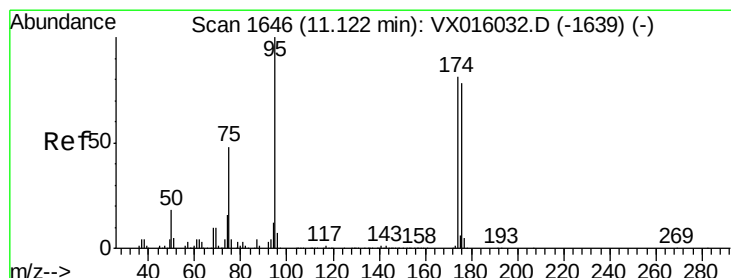
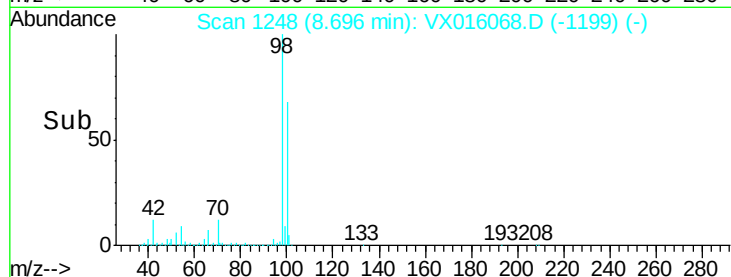
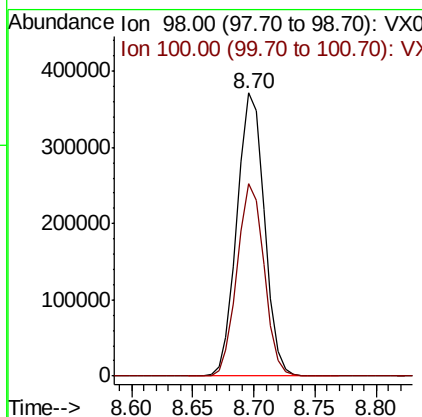
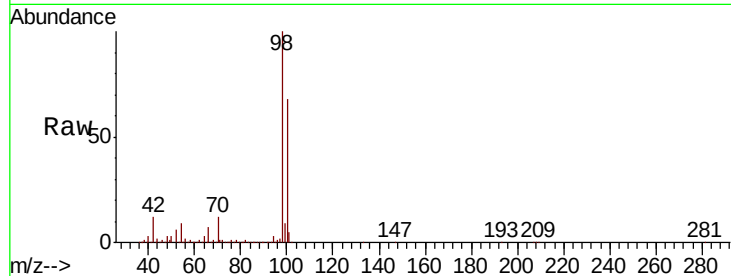




#50
Toluene-d8
Concen: 49.819 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016068.D
Acq: 05 May 2020 16:51

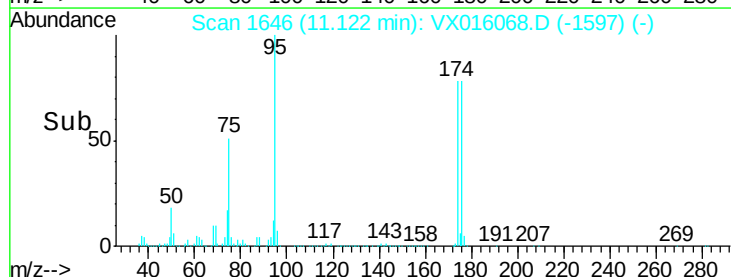
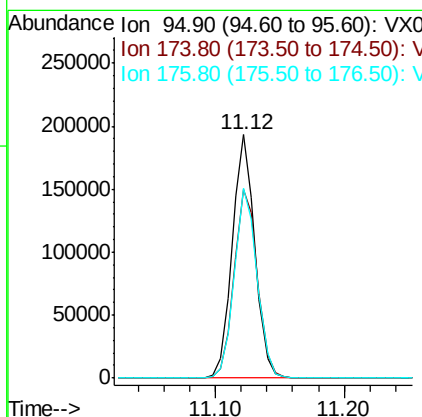
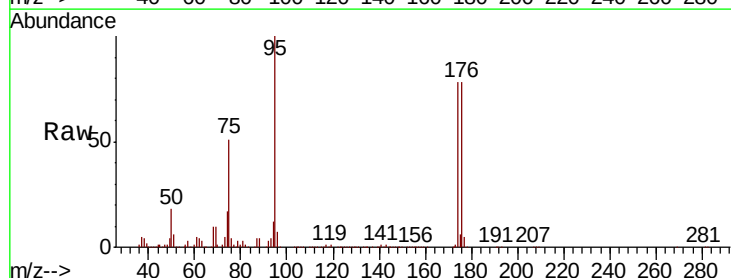
Instrument :
MSVOA_X
ClientSampleId :
BFB

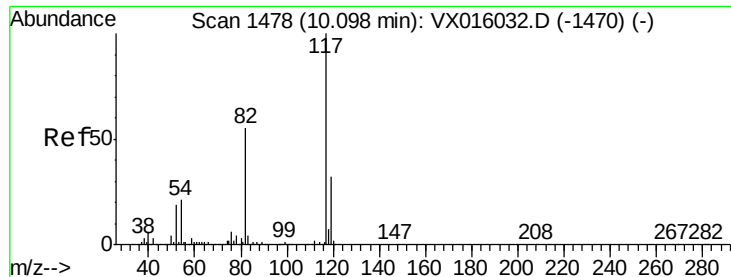
Tot Ion: 98 Resp: 577025
Ion Ratio Lower Upper
98 100
100 66.8 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 53.677 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016068.D
Acq: 05 May 2020 16:51

Tgt Ion: 95 Resp: 236466
Ion Ratio Lower Upper
95 100
174 79.9 0.0 159.4
176 78.5 0.0 157.6

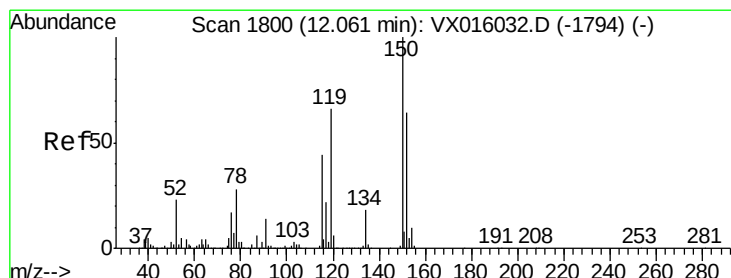
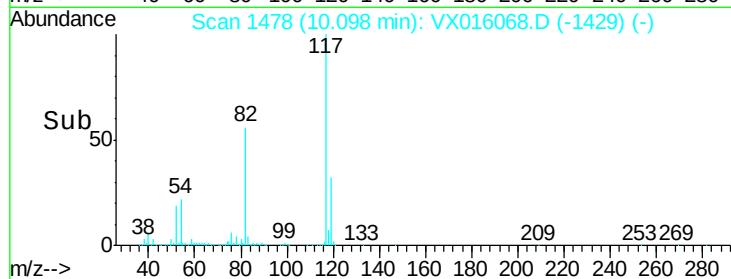
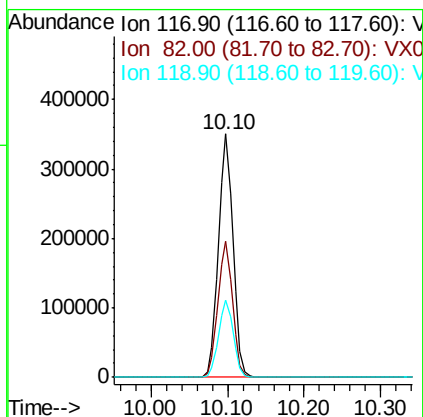
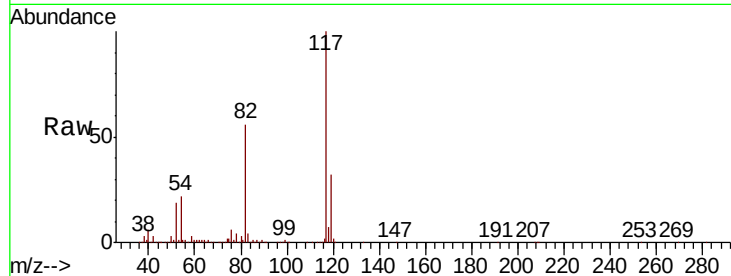




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016068.D
Acq: 05 May 2020 16:51

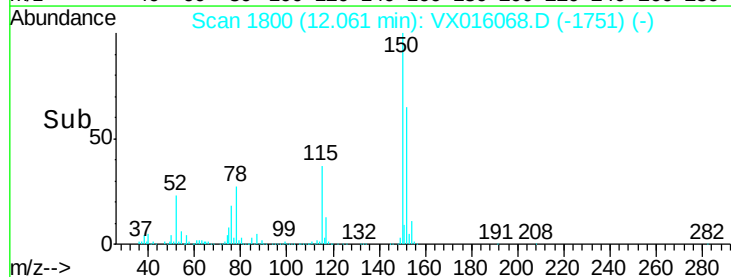
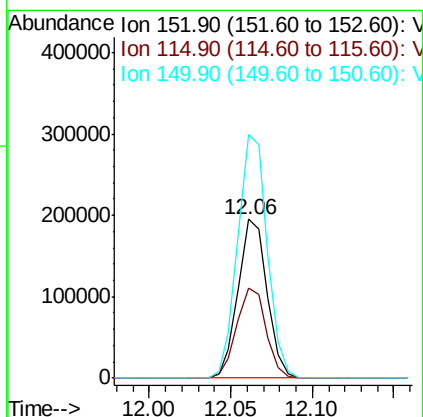
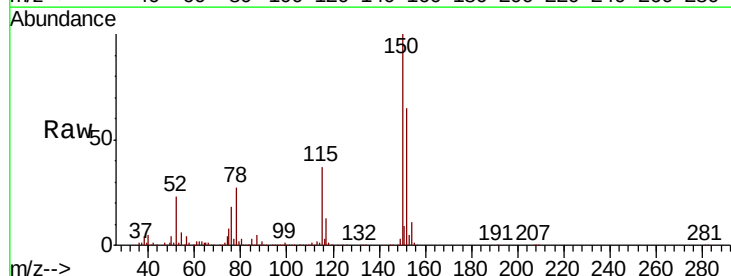
Instrument :
MSVOA_X
ClientSampleId :
BFB

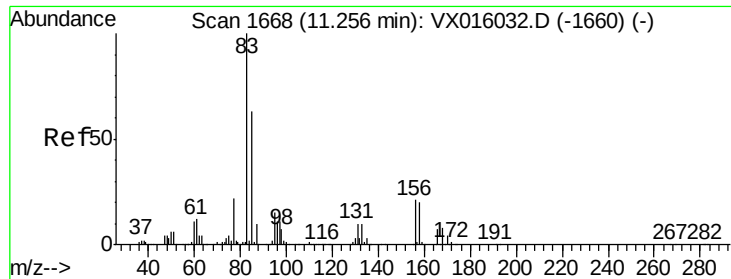
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.4	66.6
119	31.8	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016068.D
Acq: 05 May 2020 16:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	41.3	124.1
150	156.1	0.0	352.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.124 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.13 min

Lab File: VX016068.D

Acq: 05 May 2020 16:51

Instrument :

MSVOA_X

ClientSampled :

BFB

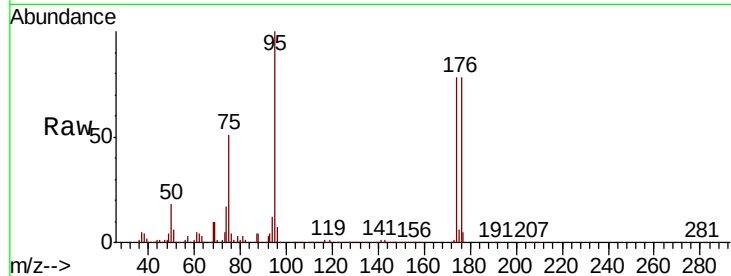
Tot Ion: 83 Resp: 248

Ion Ratio Lower Upper

83 100

131 149.6 5.1 15.4#

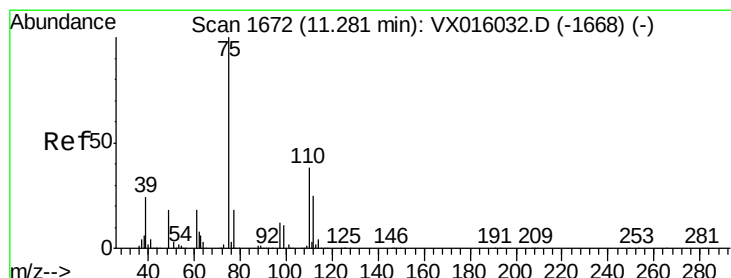
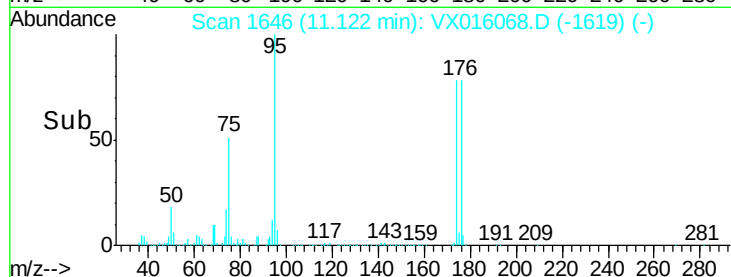
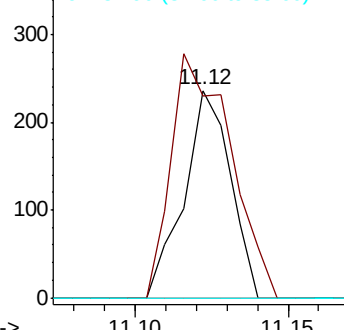
85 0.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.640 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016068.D

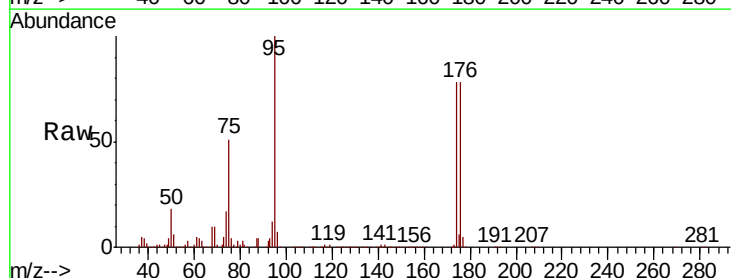
Acq: 05 May 2020 16:51

Tgt Ion: 75 Resp: 119099

Ion Ratio Lower Upper

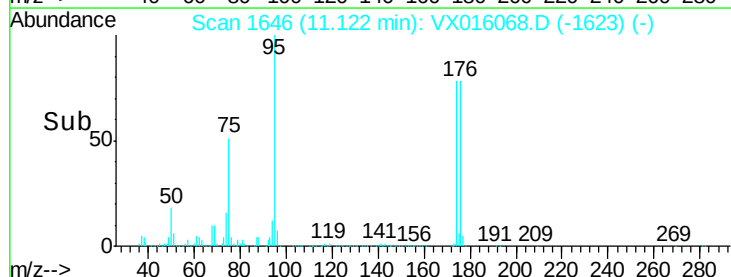
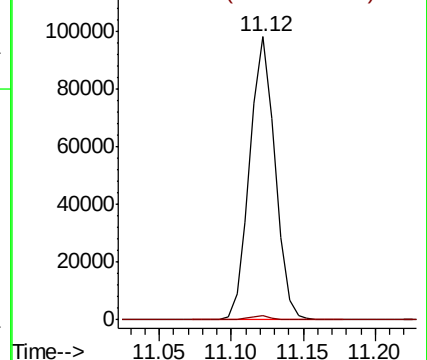
75 100

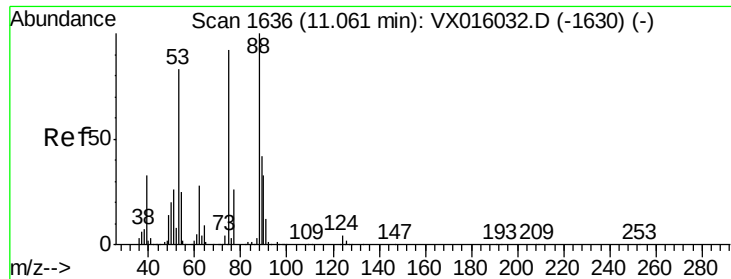
77 1.4 21.2 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.569 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016068.D

Acq: 05 May 2020 16:51

Instrument :

MSVOA_X

ClientSampled :

BFB

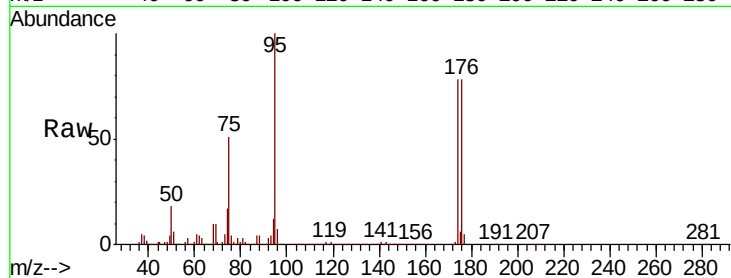
Tot Ion: 75 Resp: 119099

Ion Ratio Lower Upper

75 100

53 0.1 73.1 109.7#

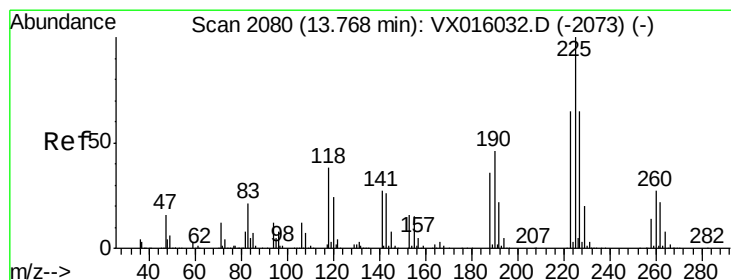
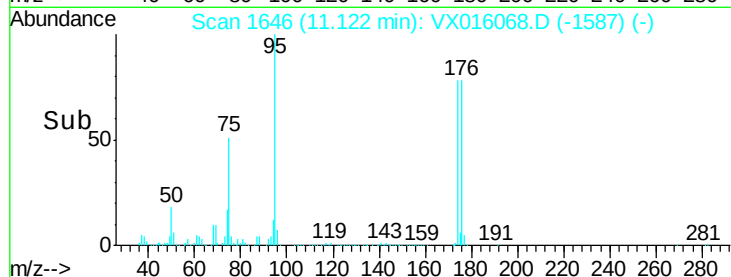
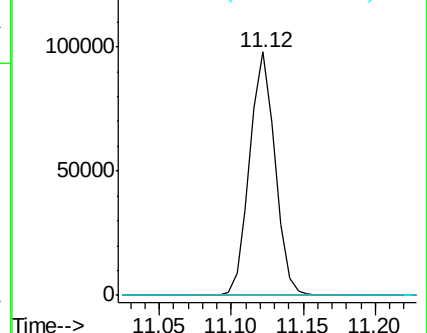
89 0.0 36.7 55.1#



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



#94

Hexachlorobutadiene

Concen: 0.549 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016068.D

Acq: 05 May 2020 16:51

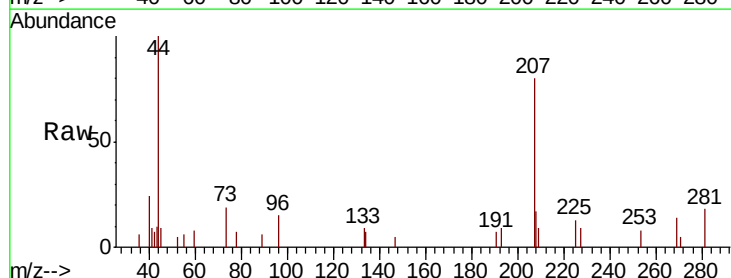
Tgt Ion: 225 Resp: 65

Ion Ratio Lower Upper

225 100

223 0.0 32.3 96.9#

227 81.5 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

