

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016183.D
 Acq On : 13 May 2020 16:36
 Operator : JC/SP
 Sample : L2626-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-TB7-200512

Quant Time: May 14 04:29:51 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	271100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	451357	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	439692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220756	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	166670	46.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.44%	
35) Dibromofluoromethane	5.47	113	132312	46.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.54%	
50) Toluene-d8	8.70	98	549475	49.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.12	95	216575	51.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.36%	

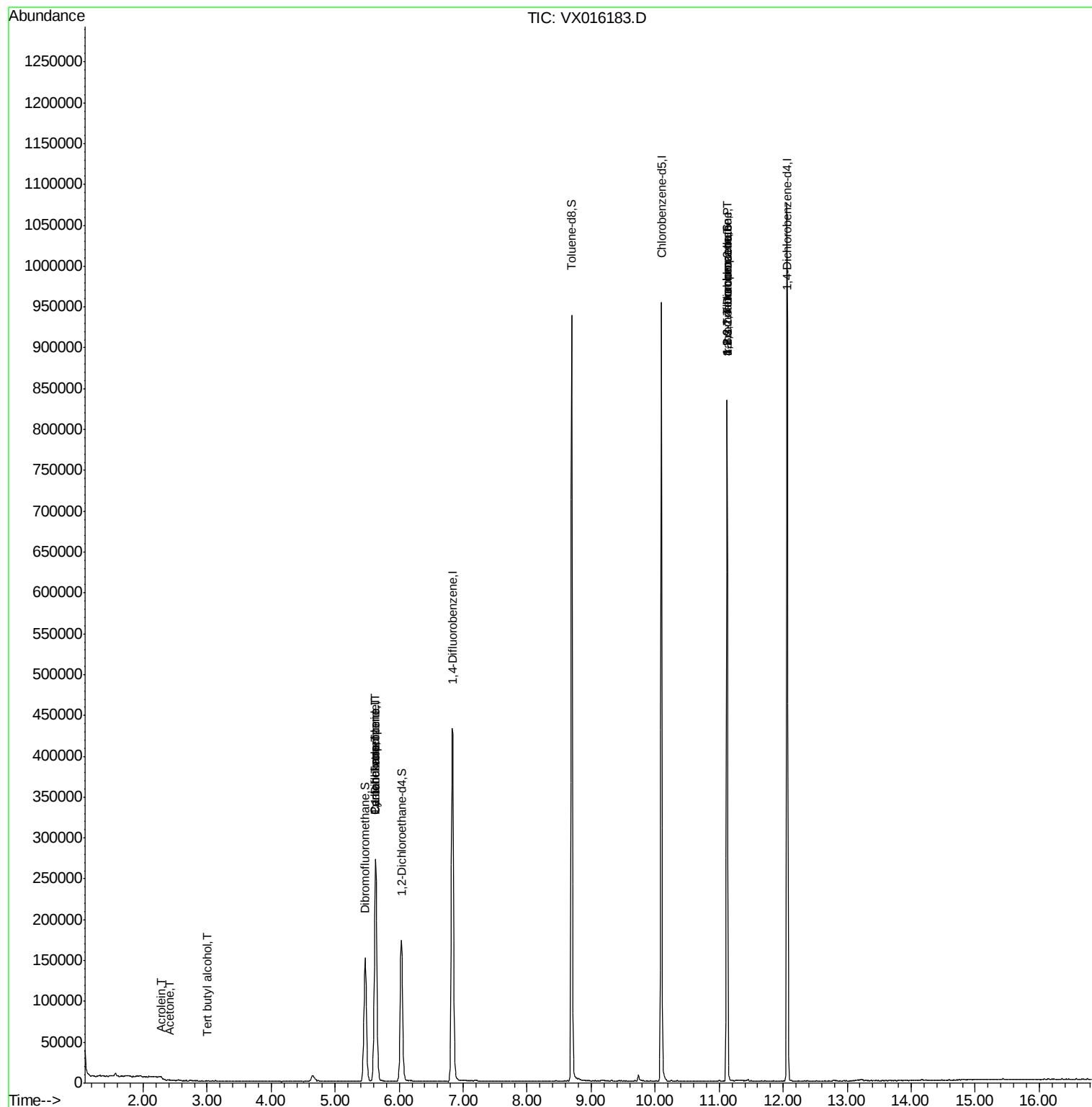
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.00	59	217	0.241	ug/l #	72
13) Acrolein	2.28	56	140	0.248	ug/l #	1
16) Acetone	2.42	43	591	0.371	ug/l	92
17) Carbon Disulfide	2.55	76	950	Below Cal	#	71
31) Cyclohexane	5.63	56	5327	1.075	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	19602	4.412	ug/l #	50
38) Carbon Tetrachloride	5.63	117	25227	5.586	ug/l #	15
75) 1,1,2,2-Tetrachloroethane	11.12	83	155	2.101	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	107801	21.519	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	107801	51.283	ug/l #	13

(#) = 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: VX016183.D

Acq: 13 May 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

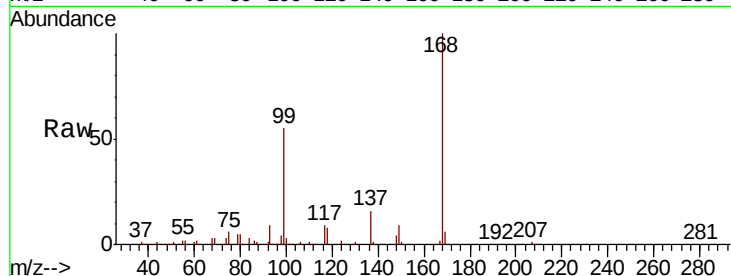
Z4-TB7-200512

Tot Ion:168 Resp: 271100

Ion Ratio Lower Upper

168 100

99 54.9 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

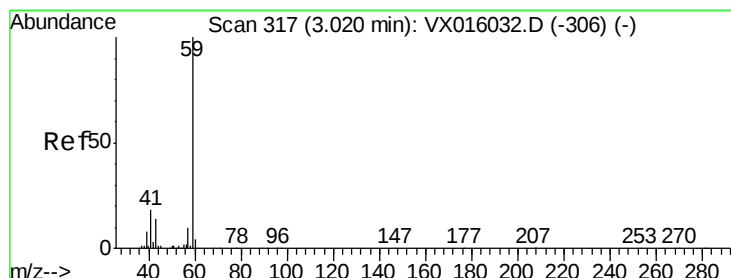
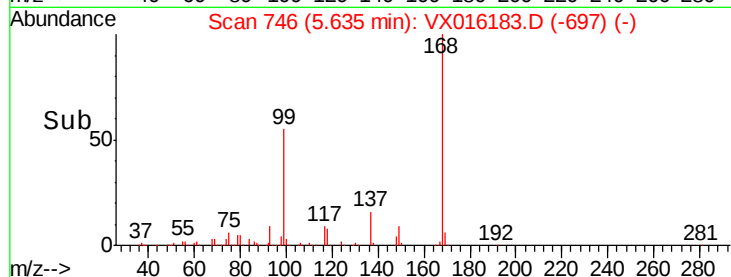
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 0.241 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.02 min

Lab File: VX016183.D

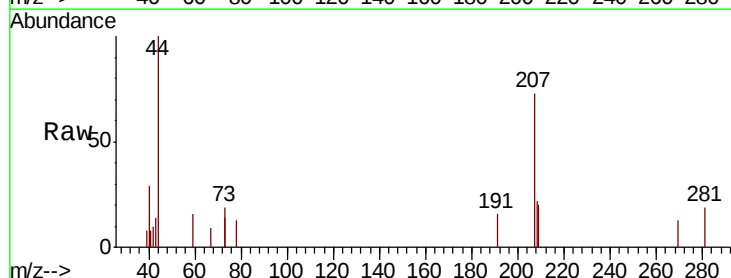
Acq: 13 May 2020 16:36

Tgt Ion: 59 Resp: 217

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.00

120

100

80

60

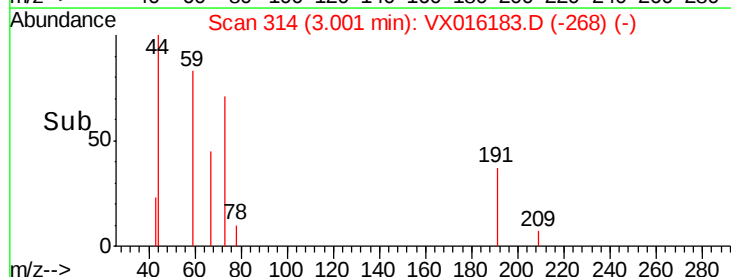
40

20

0

Time-->

2.95 3.00 3.05





#13

Acrolein

Concen: 0.248 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX016183.D

Acq: 13 May 2020 16:36

Instrument :

MSVOA_X

ClientSampled :

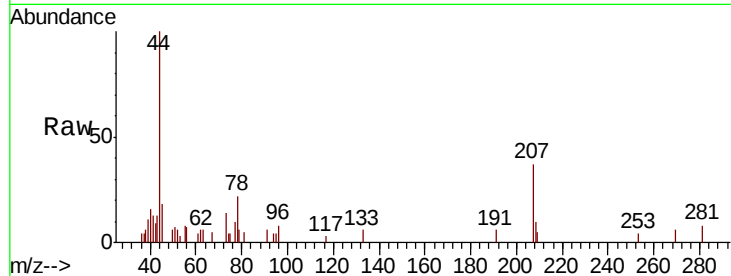
Z4-TB7-200512

Tot Ion: 56 Resp: 140

Ion Ratio Lower Upper

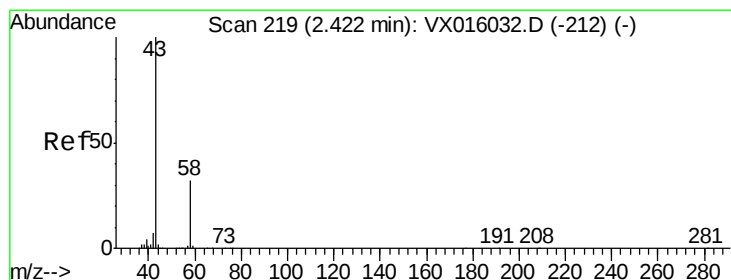
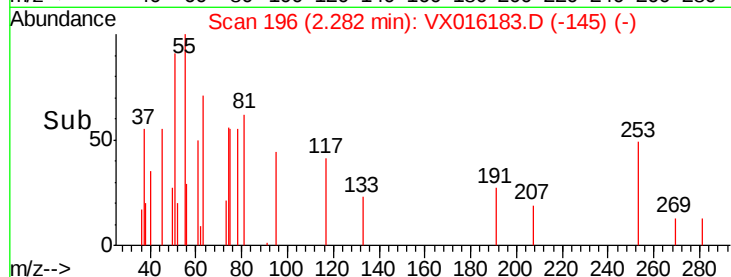
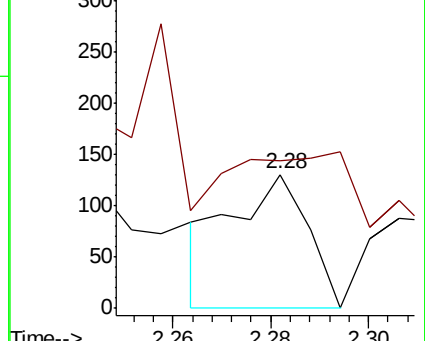
56 100

55 262.1 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.371 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016183.D

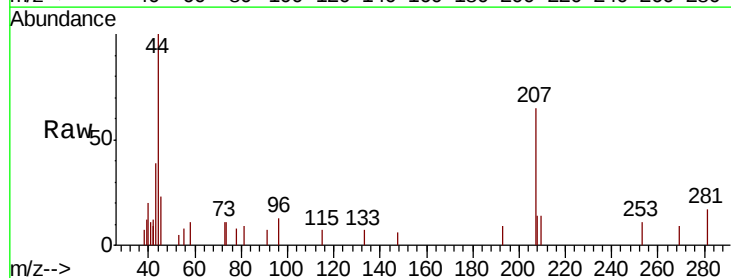
Acq: 13 May 2020 16:36

Tgt Ion: 43 Resp: 591

Ion Ratio Lower Upper

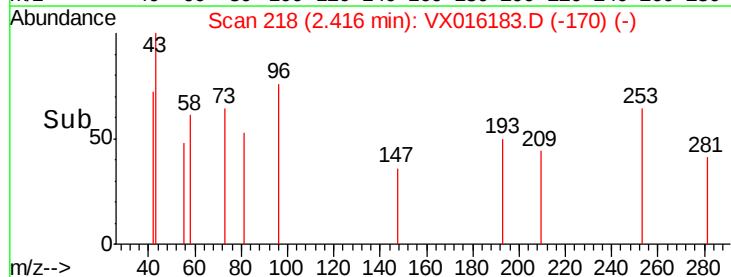
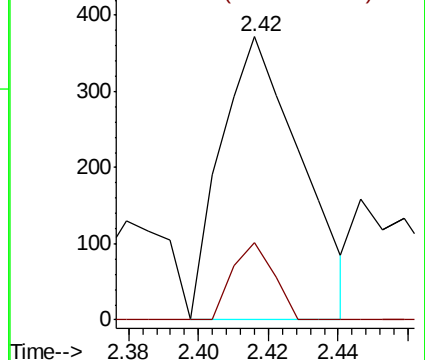
43 100

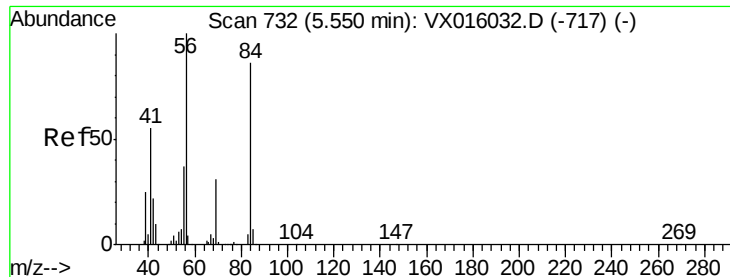
58 27.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

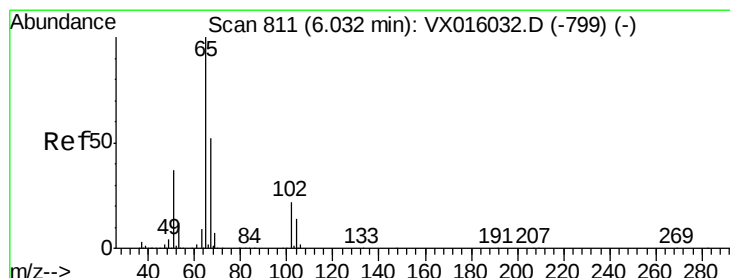
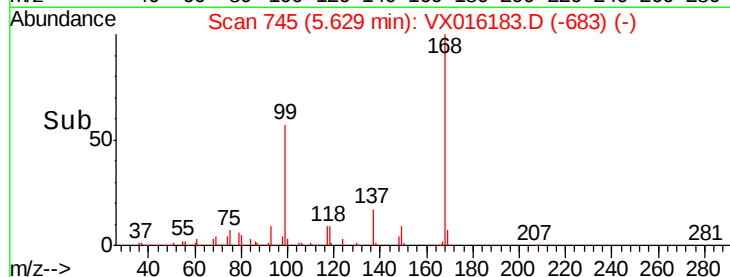
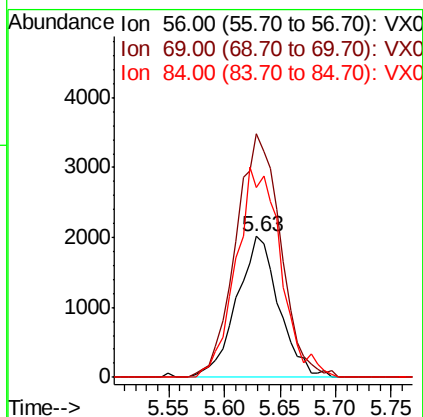
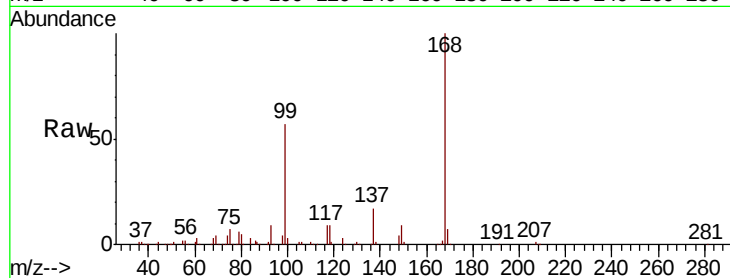




#31
Cyclohexane
Concen: 1.075 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016183.D
Acq: 13 May 2020 16:36

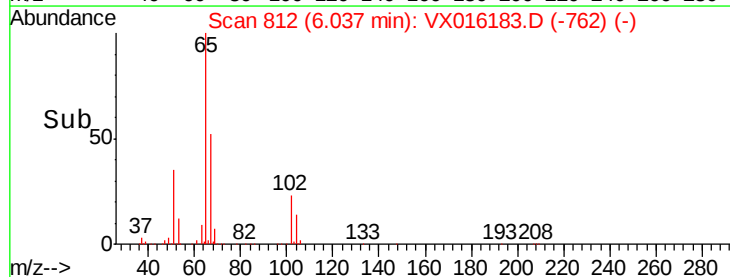
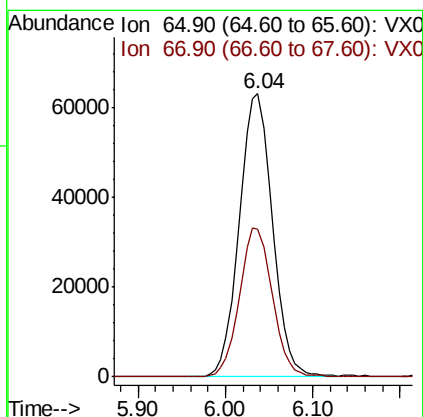
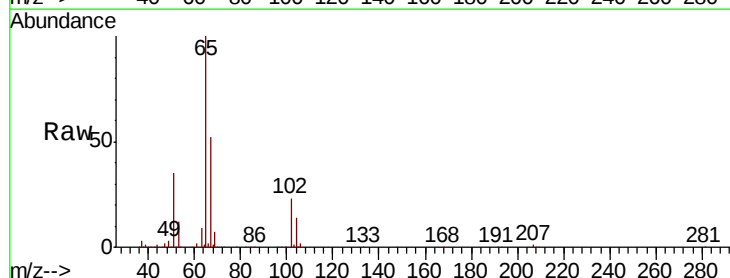
Instrument :
MSVOA_X
ClientSampleId :
Z4-TB7-200512

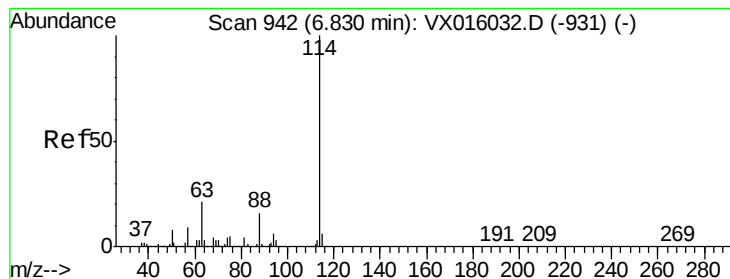
Tot Ion: 56 Resp: 5327
Ion Ratio Lower Upper
56 100
69 172.8 25.0 37.6#
84 134.4 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 46.720 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016183.D
Acq: 13 May 2020 16:36

Tgt Ion: 65 Resp: 166670
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016183.D

Acq: 13 May 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

Z4-TB7-200512

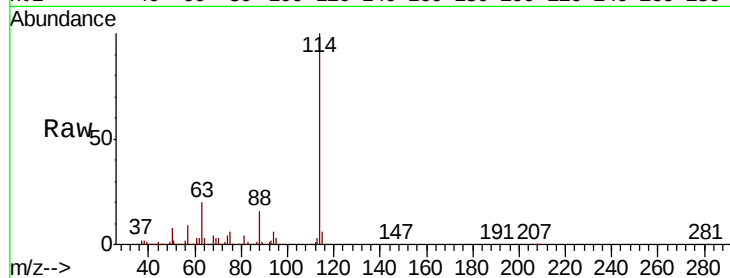
Tot Ion:114 Resp: 451357

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

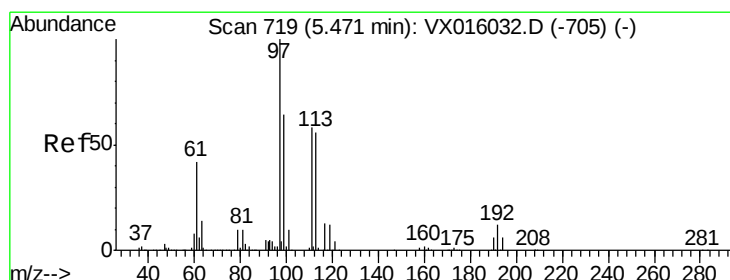
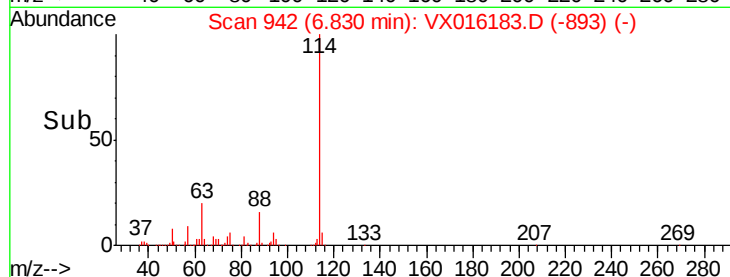
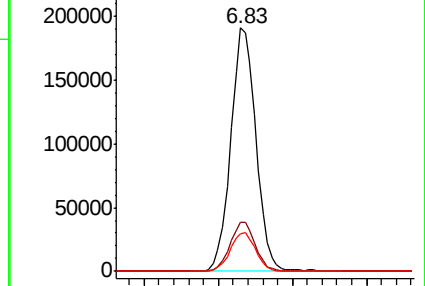
88 15.5 0.0 31.4



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: 46.270 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016183.D

Acq: 13 May 2020 16:36

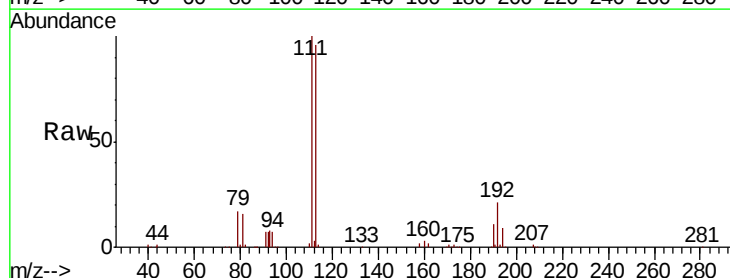
Tgt Ion:113 Resp: 132312

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

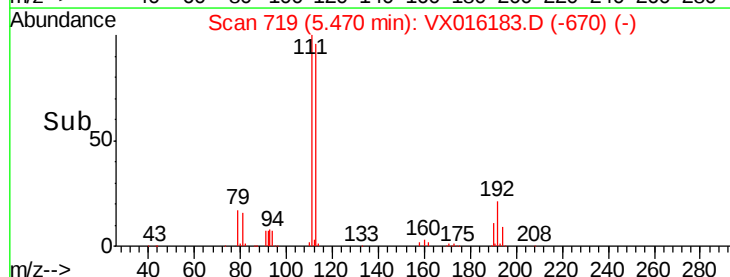
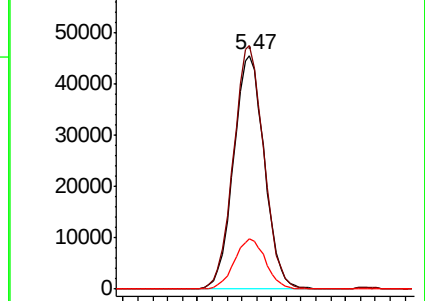
192 21.7 17.0 25.4

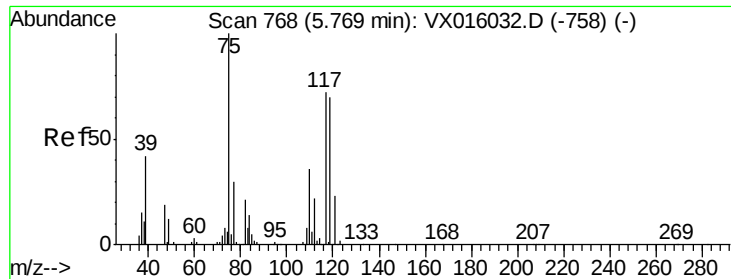


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.412 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.15 min

Lab File: VX016183.D

Acq: 13 May 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

Z4-TB7-200512

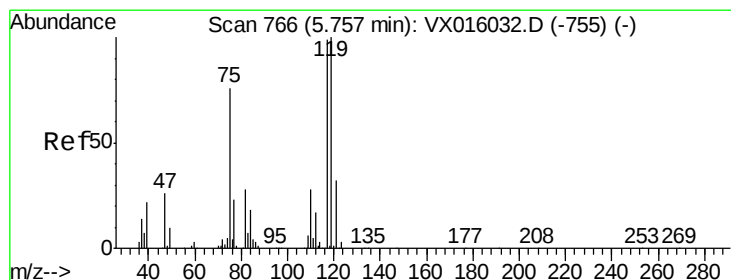
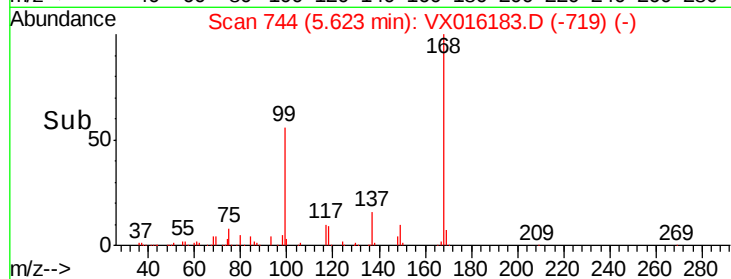
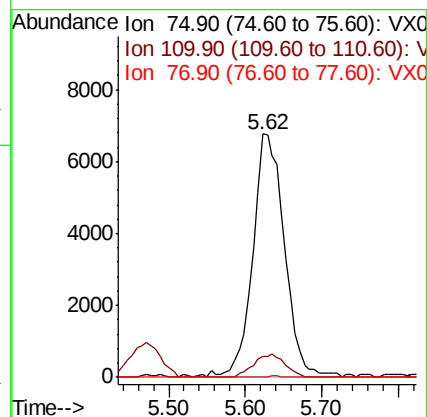
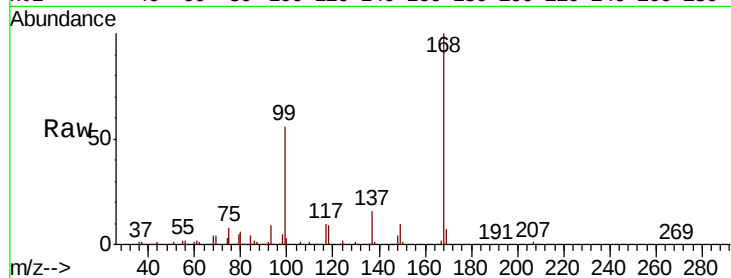
Tot Ion: 75 Resp: 19602

Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.1#

77 0.2 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 5.586 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016183.D

Acq: 13 May 2020 16:36

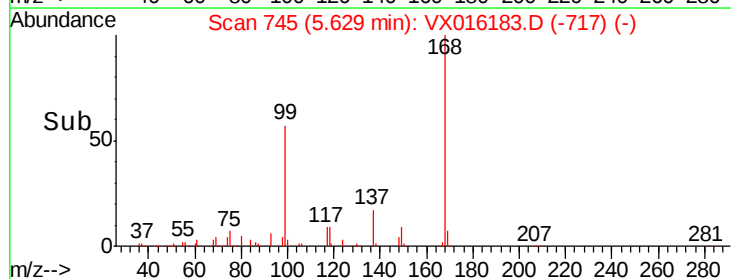
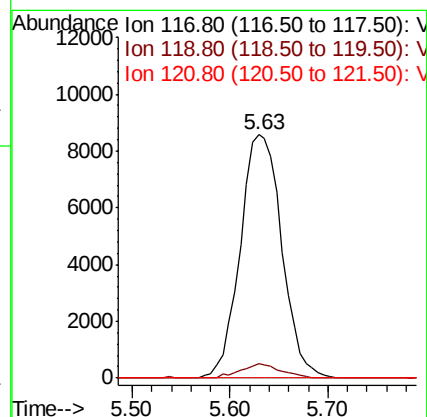
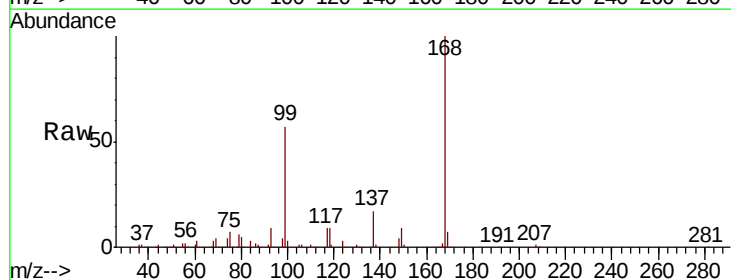
Tgt Ion: 117 Resp: 25227

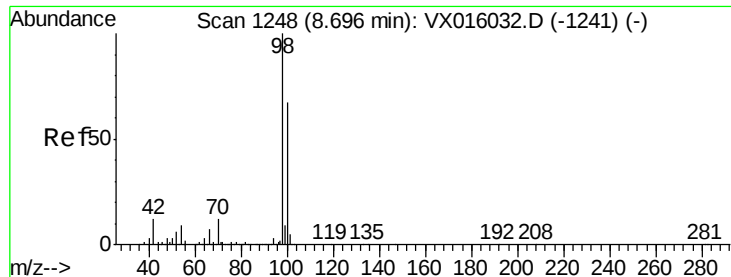
Ion Ratio Lower Upper

117 100

119 5.7 80.3 120.5#

121 0.0 25.7 38.5#

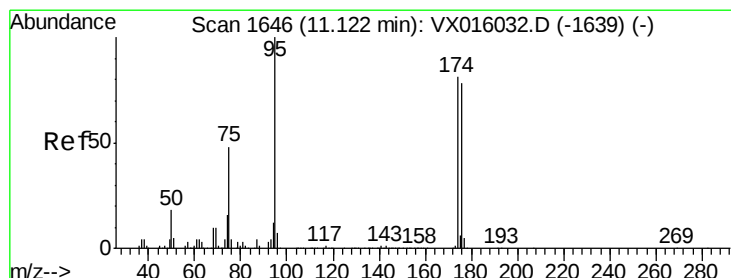
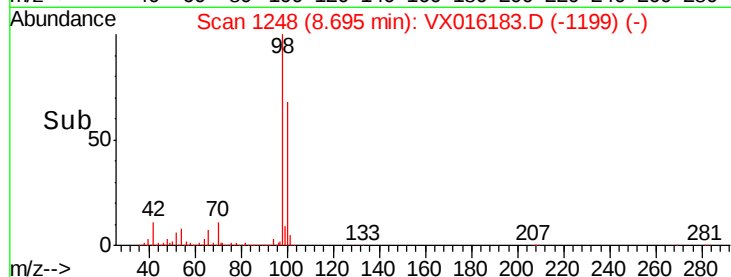
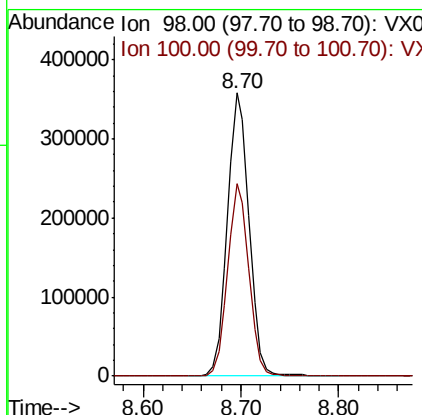
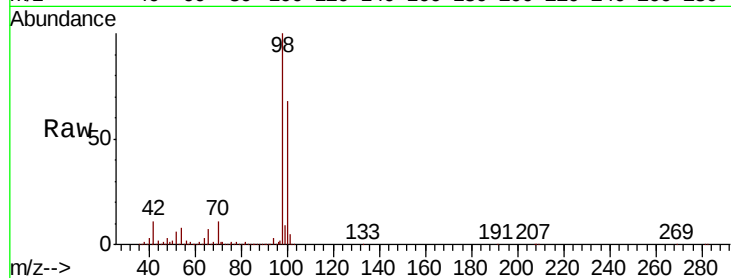




#50
Toluene-d8
Concen: 49.871 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016183.D
Acq: 13 May 2020 16:36

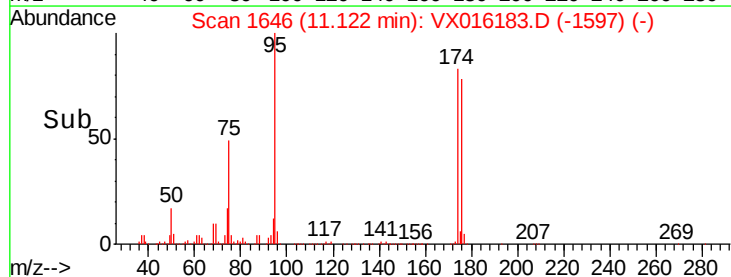
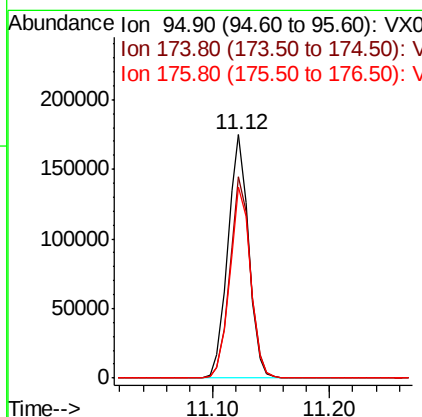
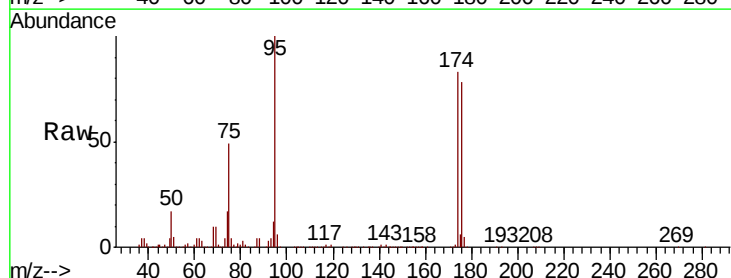
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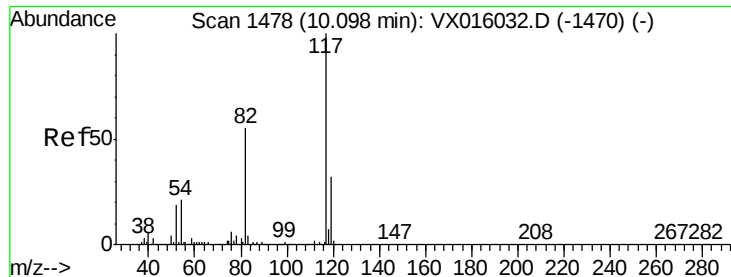
Tot Ion: 98 Resp: 549475
Ion Ratio Lower Upper
98 100
100 67.2 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 51.680 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016183.D
Acq: 13 May 2020 16:36

Tgt Ion: 95 Resp: 216575
Ion Ratio Lower Upper
95 100
174 81.8 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: VX016183.D

Acq: 13 May 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

Z4-TB7-200512

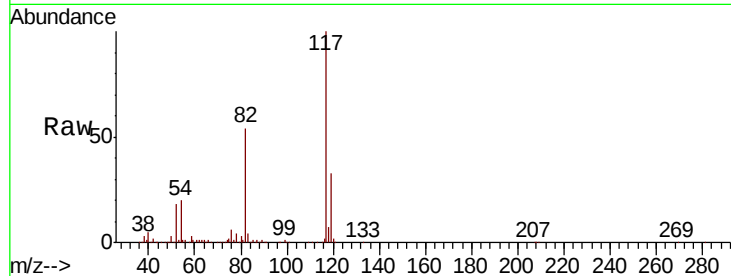
Tot Ion:117 Resp: 439692

Ion Ratio Lower Upper

117 100

82 54.2 44.4 66.6

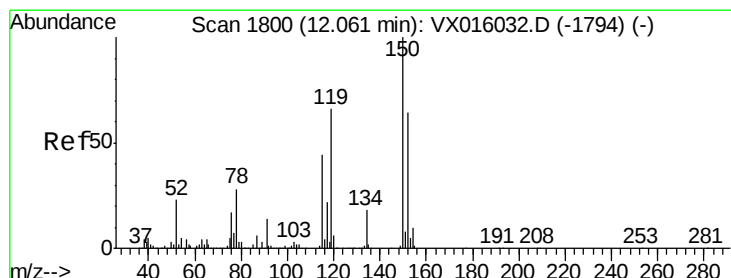
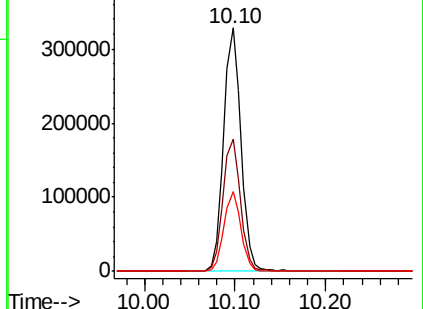
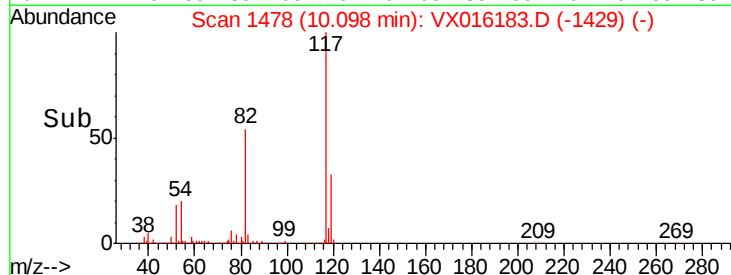
119 32.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

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: VX016183.D

Acq: 13 May 2020 16:36

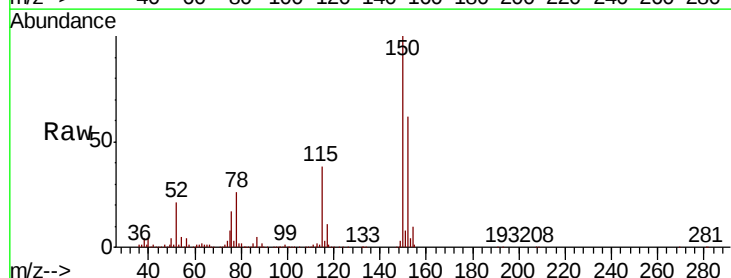
Tgt Ion:152 Resp: 220756

Ion Ratio Lower Upper

152 100

115 58.2 41.3 124.1

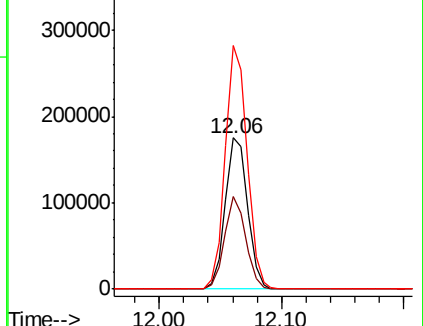
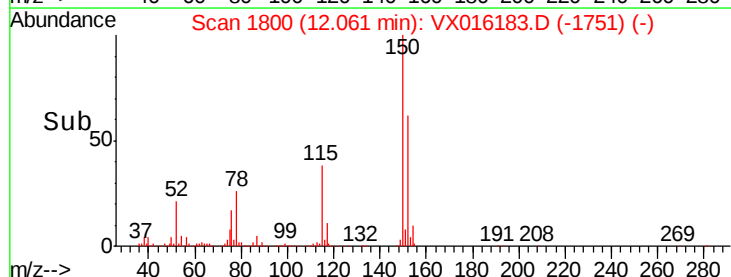
150 157.3 0.0 352.2

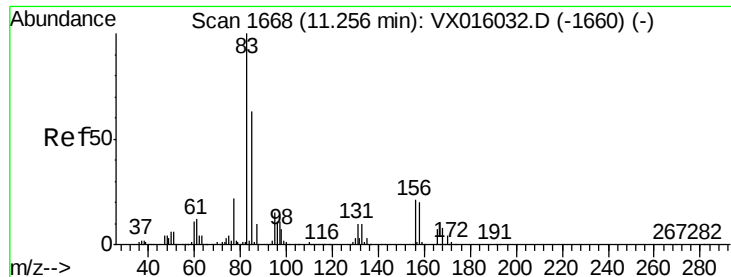


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: 2.101 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.13 min

Lab File: VX016183.D

Acq: 13 May 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

Z4-TB7-200512

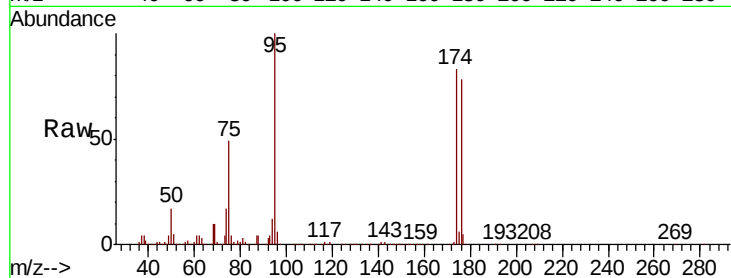
Tot Ion: 83 Resp: 155

Ion Ratio Lower Upper

83 100

131 195.5 5.1 15.4#

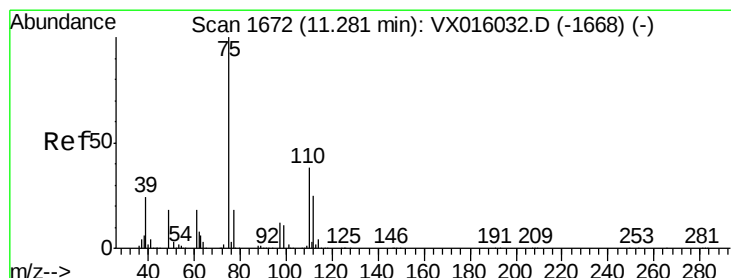
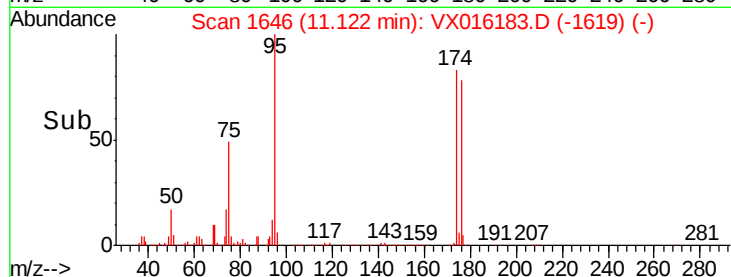
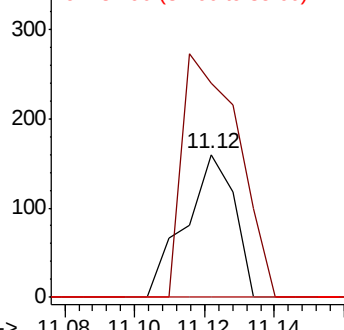
85 0.0 32.0 96.0#



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: 21.519 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016183.D

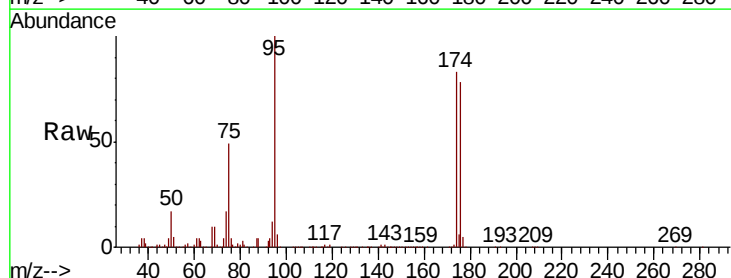
Acq: 13 May 2020 16:36

Tgt Ion: 75 Resp: 107801

Ion Ratio Lower Upper

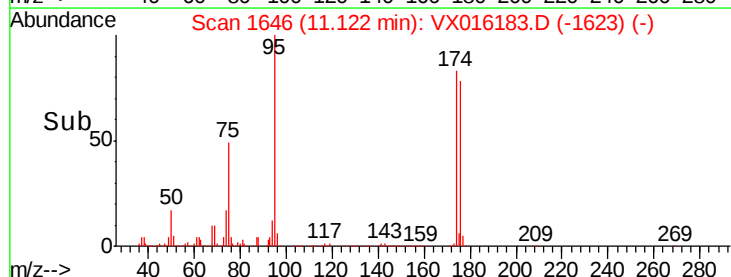
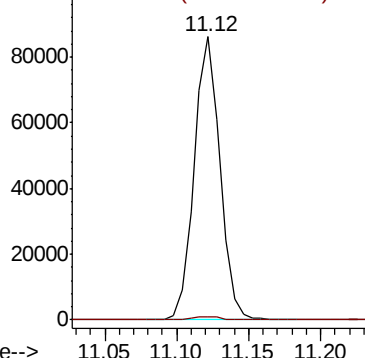
75 100

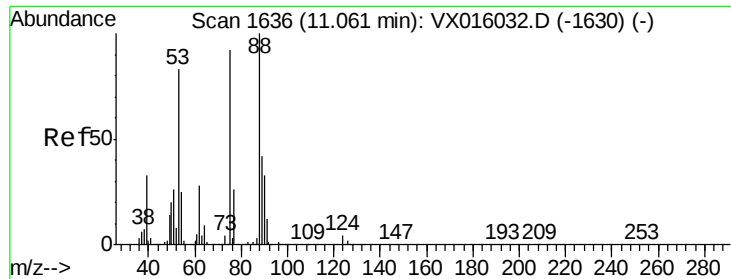
77 1.4 21.2 63.6#



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: 51.283 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016183.D
 Acq: 13 May 2020 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-TB7-200512

Tot Ion: 75 Resp: 107801
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.1 109.7#
 89 0.0 36.7 55.1#

