

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX060120\
 Data File : VX016522.D
 Acq On : 01 Jun 2020 12:42
 Operator : JC/SP
 Sample : L2801-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-TB2-200527

Quant Time: Jun 02 01:46:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	292273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	470920	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	479350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	246843	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	169235	46.63	ug/l	0.00
Spiked Amount			Recovery	=	93.26%	
35) Dibromofluoromethane	5.46	113	134939	46.54	ug/l	0.00
Spiked Amount			Recovery	=	93.08%	
50) Toluene-d8	8.70	98	598466	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	11.12	95	242302	55.56	ug/l	0.00
Spiked Amount			Recovery	=	111.12%	

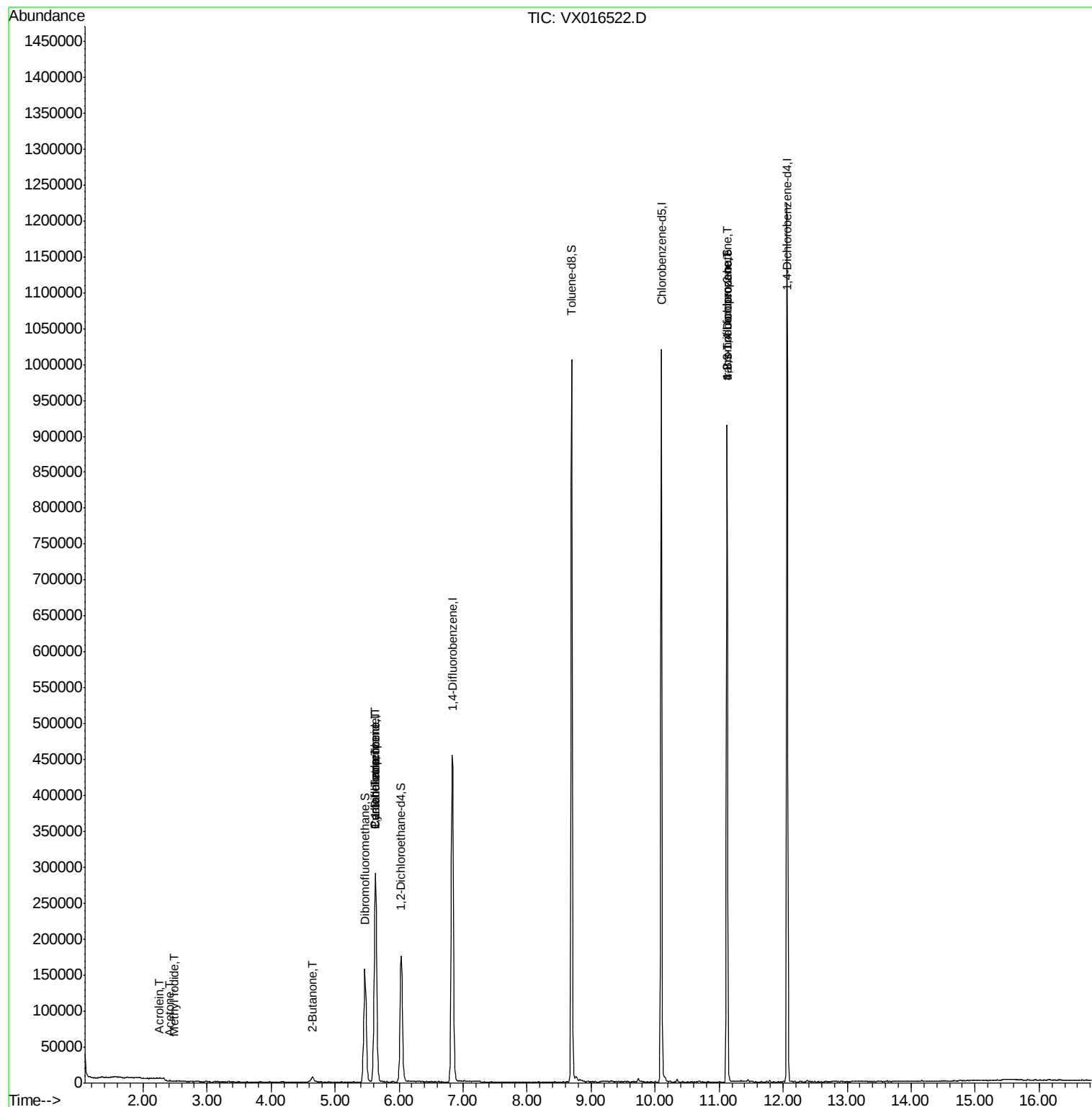
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	186	3.110	ug/l #	68
13) Acrolein	2.26	56	391	0.988	ug/l #	49
16) Acetone	2.42	43	689	0.433	ug/l	89
25) 2-Butanone	4.64	43	605	0.225	ug/l #	63
31) Cyclohexane	5.64	56	5431	1.077	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	21322	4.782	ug/l #	51
38) Carbon Tetrachloride	5.62	117	28218	6.022	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	117309	21.621	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	117309	53.184	ug/l #	14

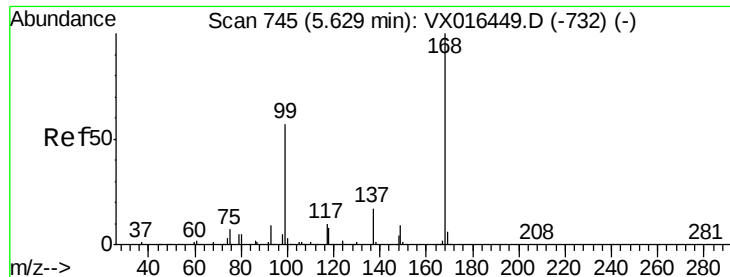
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060120\
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Quant Time: Jun 02 01:46:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016522.D

Acq: 01 Jun 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

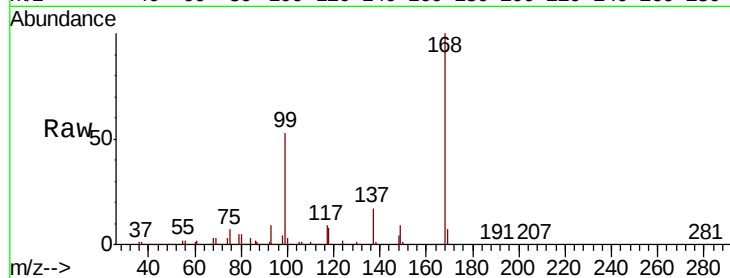
Z5-TB2-200527

Tot Ion:168 Resp: 292273

Ion Ratio Lower Upper

168 100

99 53.0 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

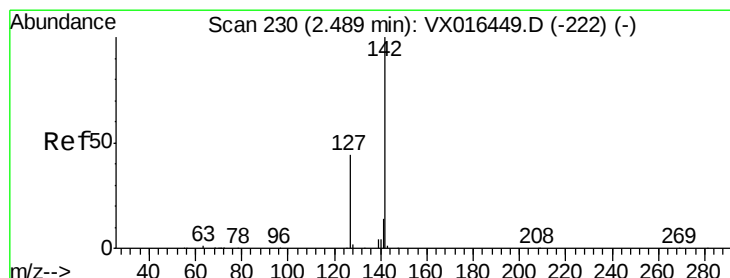
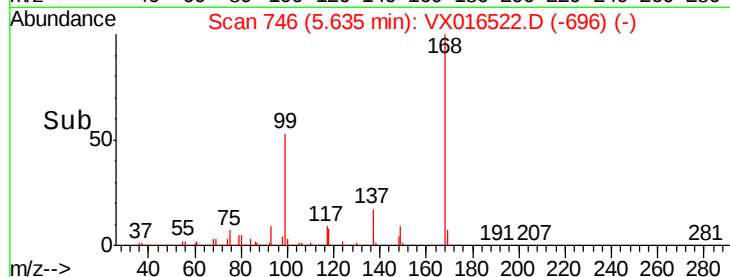
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 3.110 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016522.D

Acq: 01 Jun 2020 12:42

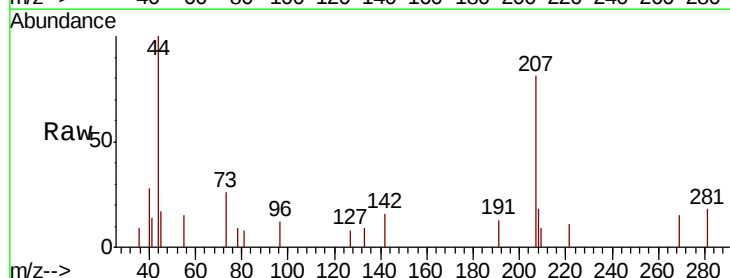
Tgt Ion:142 Resp: 186

Ion Ratio Lower Upper

142 100

127 23.7 35.3 52.9#

141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

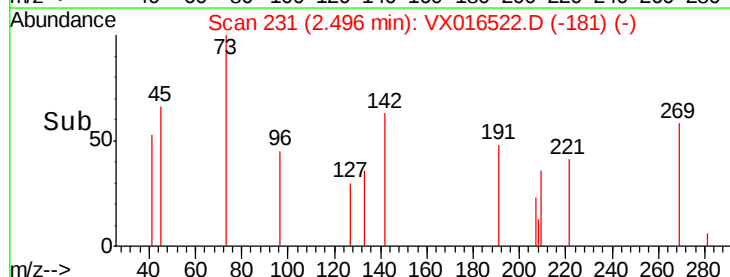
150

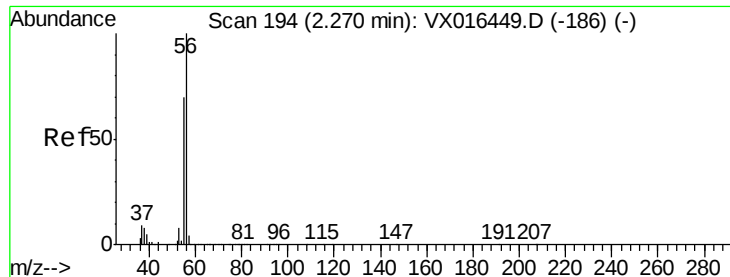
100

50

0

Time-->





#13

Acrolein

Concen: 0.988 ug/l

RT: 2.26 min Scan# 193

Delta R.T. -0.01 min

Lab File: VX016522.D

Acq: 01 Jun 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

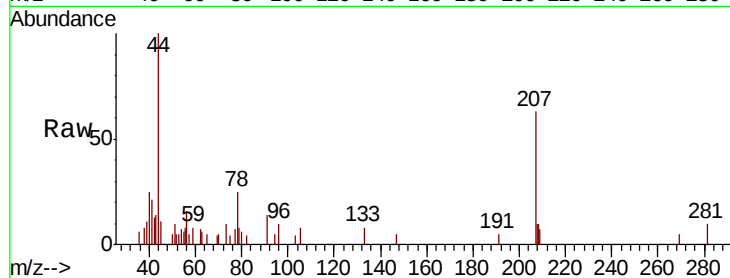
Z5-TB2-200527

Tot Ion: 56 Resp: 391

Ion Ratio Lower Upper

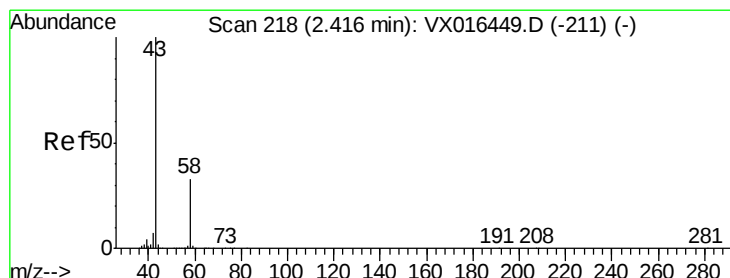
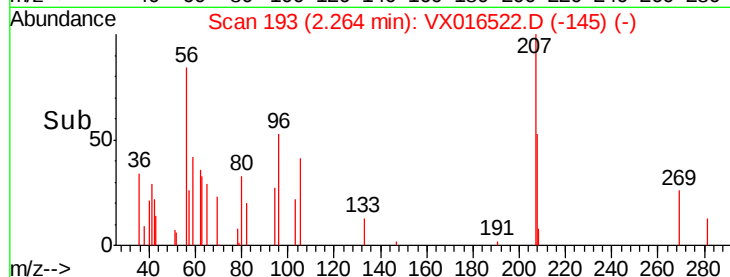
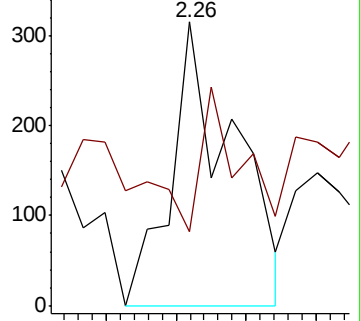
56 100

55 30.4 58.3 87.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.433 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016522.D

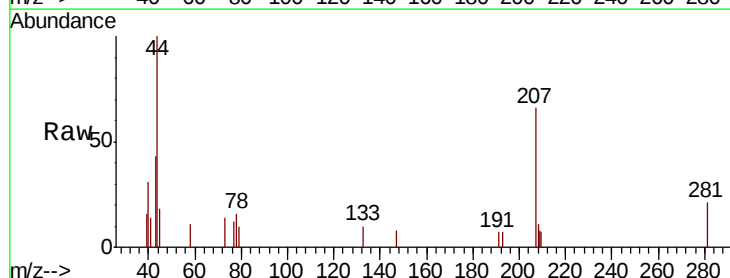
Acq: 01 Jun 2020 12:42

Tgt Ion: 43 Resp: 689

Ion Ratio Lower Upper

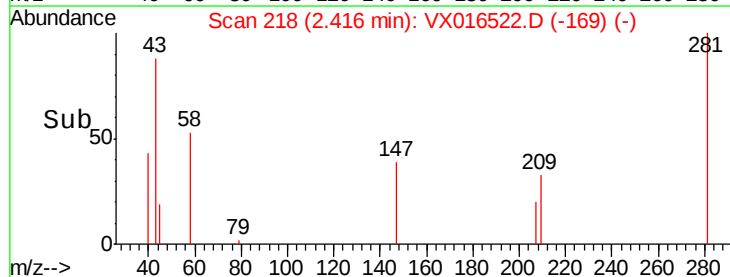
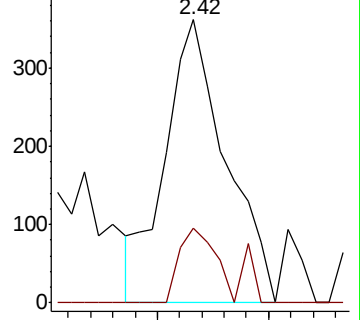
43 100

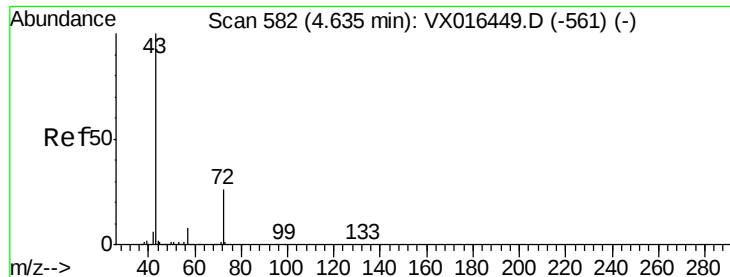
58 26.5 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

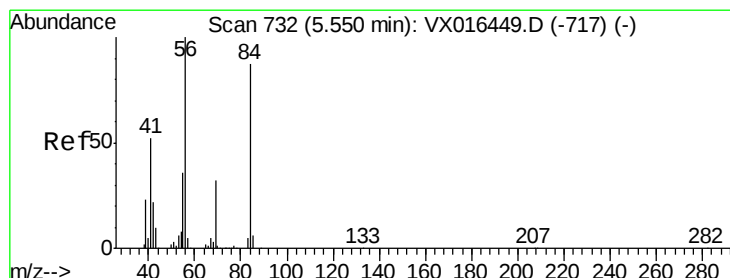
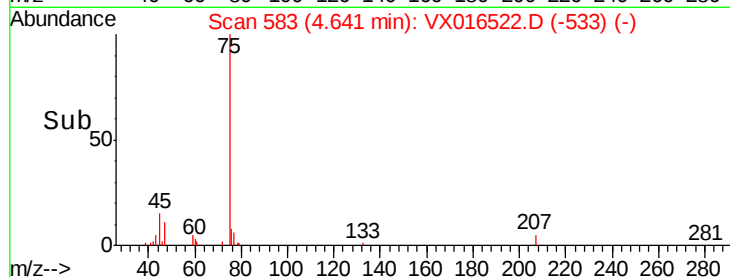
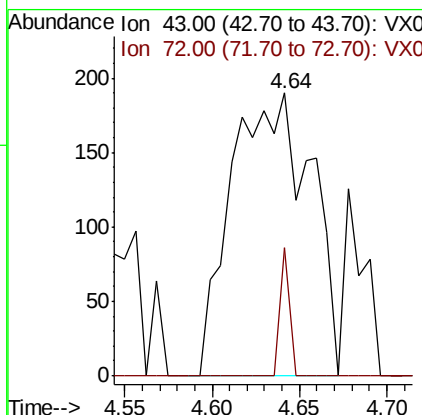
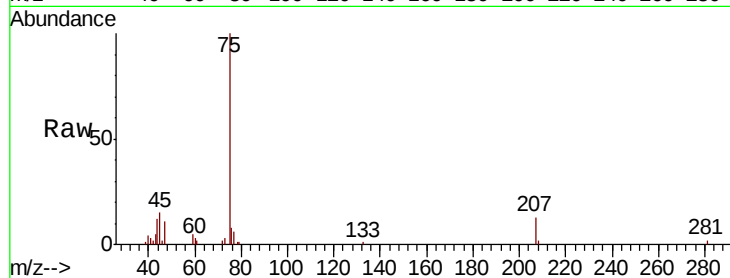




#25
2-Butanone
Concen: 0.225 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016522.D
Acq: 01 Jun 2020 12:42

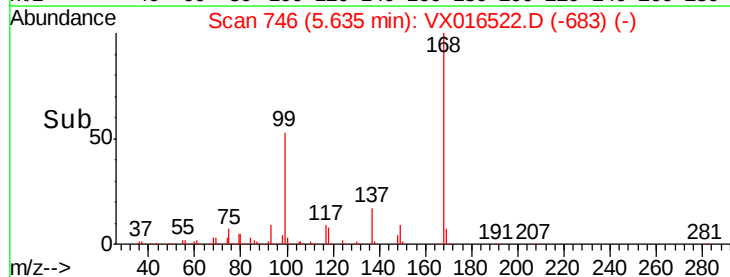
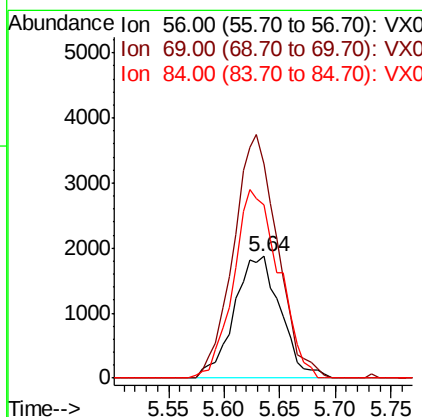
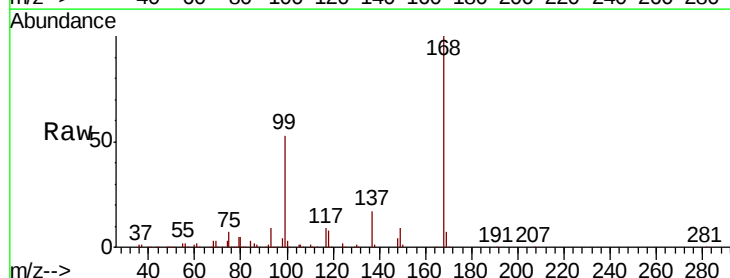
Instrument :
MSVOA_X
ClientSampleId :
Z5-TB2-200527

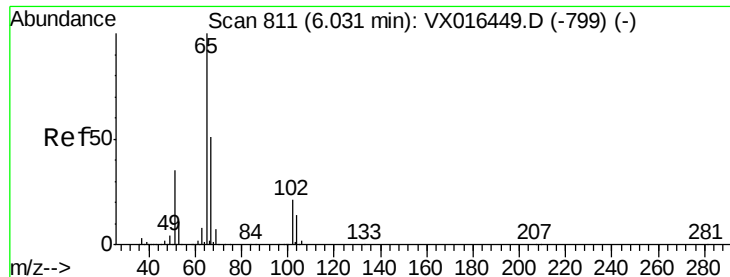
Tot Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
72 45.3 21.0 31.6#



#31
Cyclohexane
Concen: 1.077 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX016522.D
Acq: 01 Jun 2020 12:42

Tgt Ion: 56 Resp: 5431
Ion Ratio Lower Upper
56 100
69 176.0 25.7 38.5#
84 141.7 70.0 105.0#





#33

1,2-Dichloroethane-d4

Concen: 46.626 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016522.D

Acq: 01 Jun 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

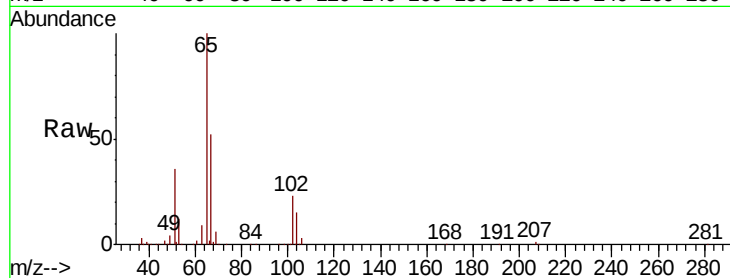
Z5-TB2-200527

Tot Ion: 65 Resp: 169235

Ion Ratio Lower Upper

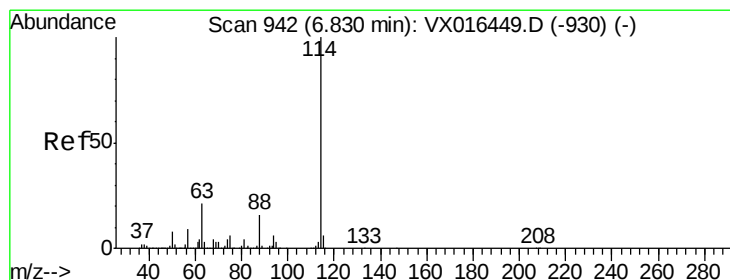
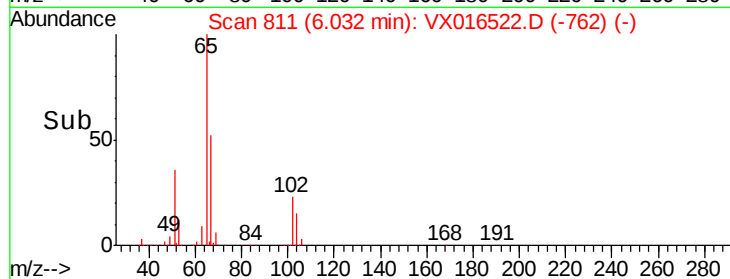
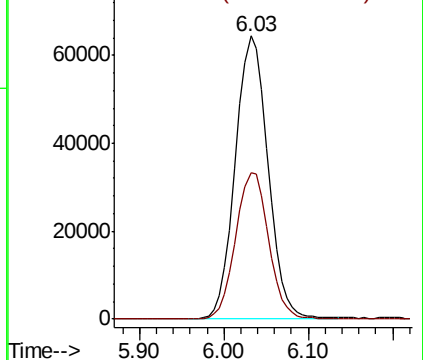
65 100

67 52.3 0.0 104.8



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. 0.00 min

Lab File: VX016522.D

Acq: 01 Jun 2020 12:42

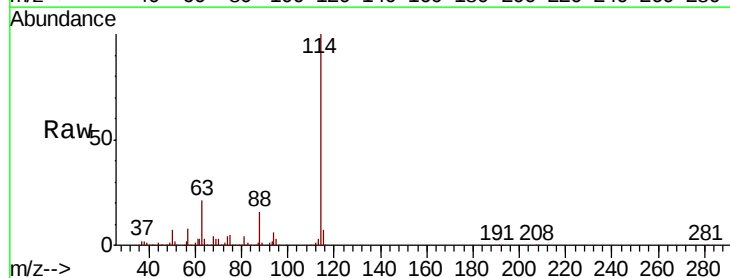
Tgt Ion: 114 Resp: 470920

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

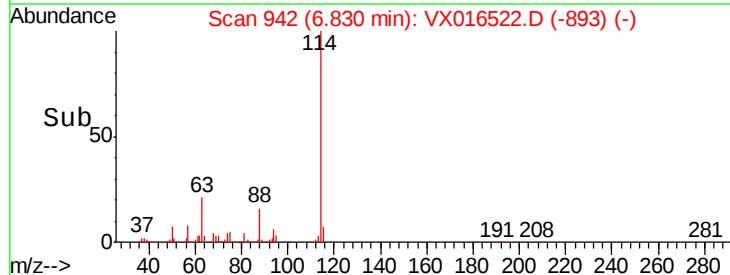
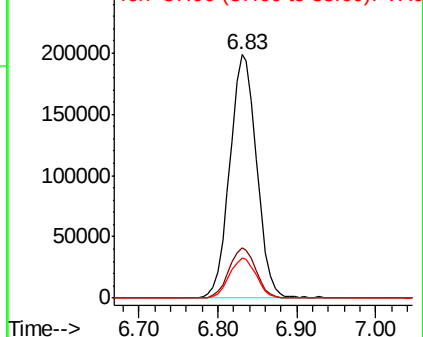
88 16.4 0.0 32.8

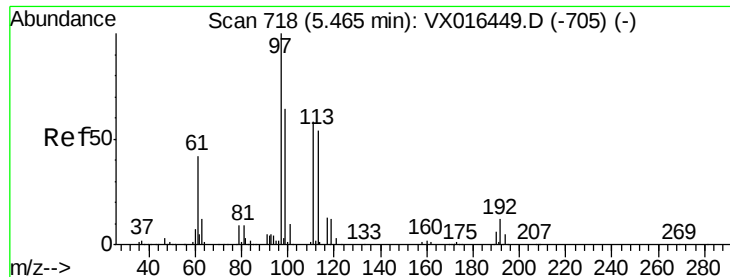


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.536 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016522.D

Acq: 01 Jun 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

Z5-TB2-200527

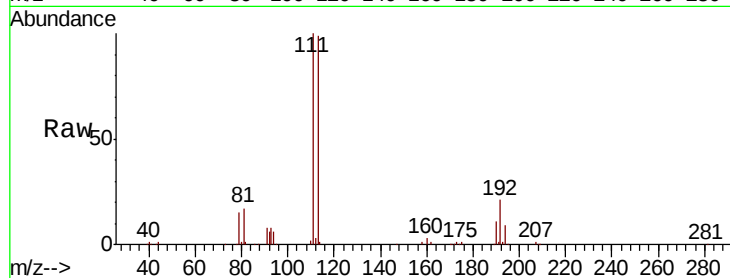
Tot Ion:113 Resp: 134939

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.6

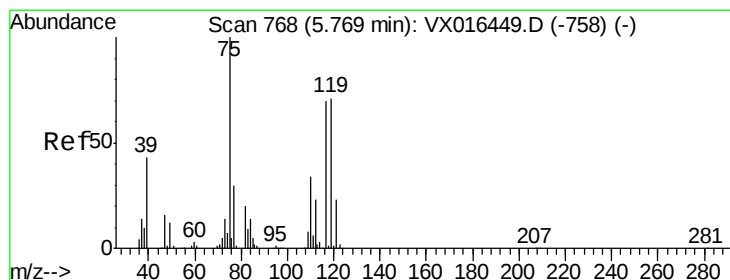
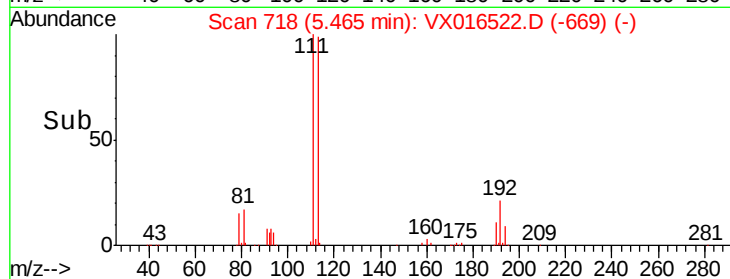
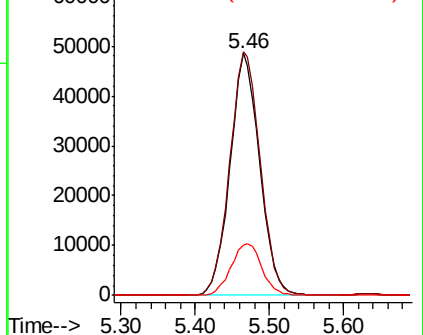
192 22.2 17.7 26.5



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: 4.782 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016522.D

Acq: 01 Jun 2020 12:42

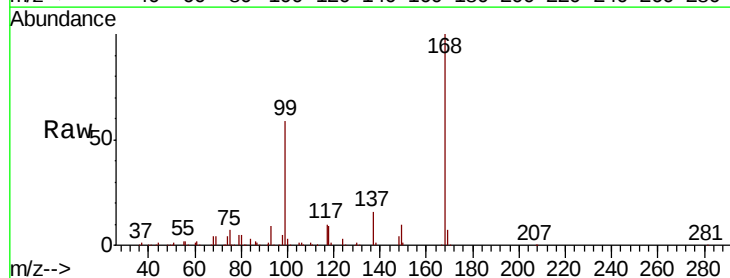
Tgt Ion: 75 Resp: 21322

Ion Ratio Lower Upper

75 100

110 9.8 17.4 52.3#

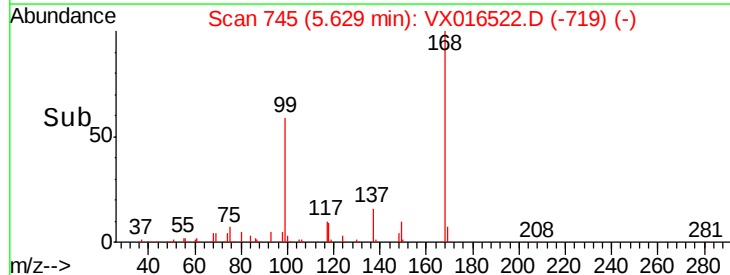
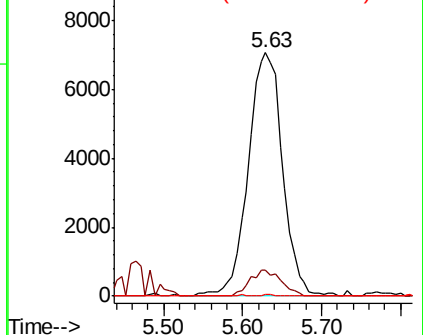
77 0.2 24.2 36.4#

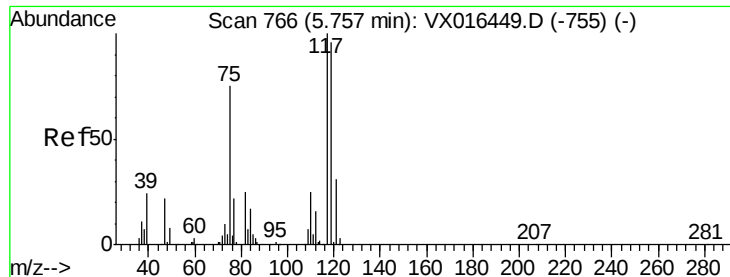


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

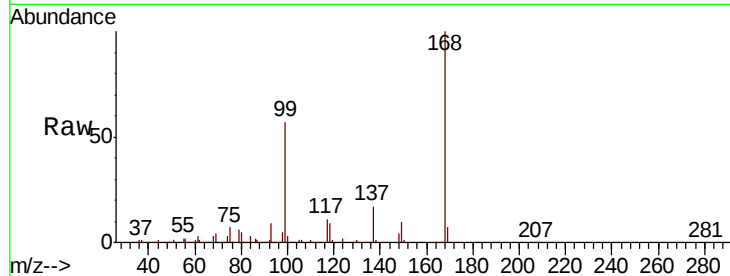




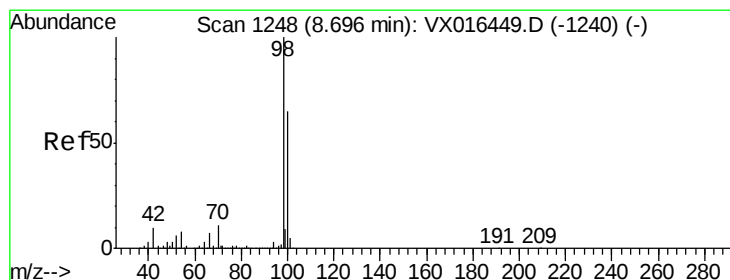
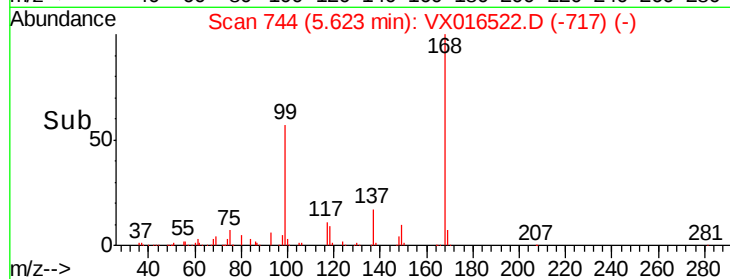
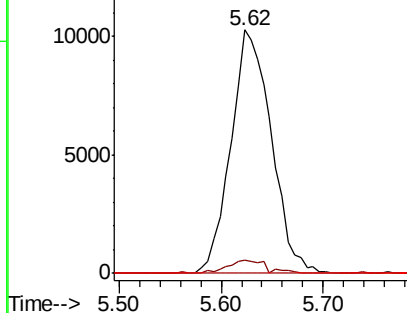
#38
Carbon Tetrachloride
Concen: 6.022 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX016522.D
Acq: 01 Jun 2020 12:42

Instrument :
MSVOA_X
ClientSampled :
Z5-TB2-200527

Tot Ion:117 Resp: 28218
Ion Ratio Lower Upper
117 100
119 5.3 76.3 114.5#
121 0.0 24.6 37.0#

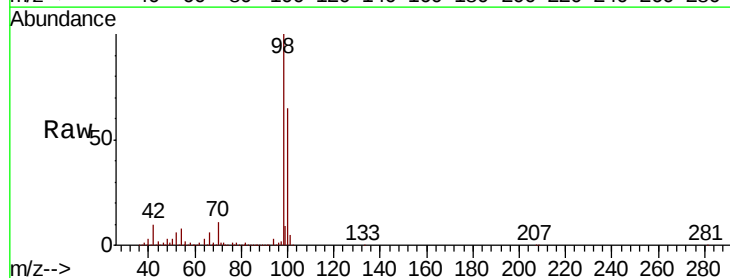


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

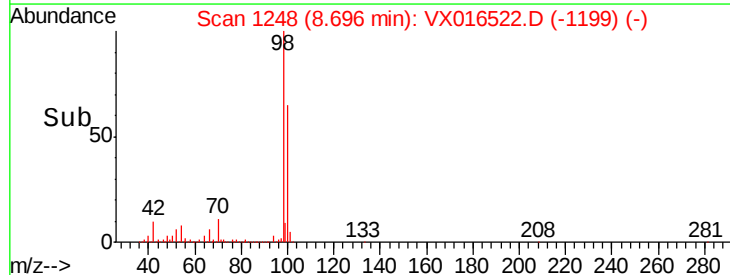
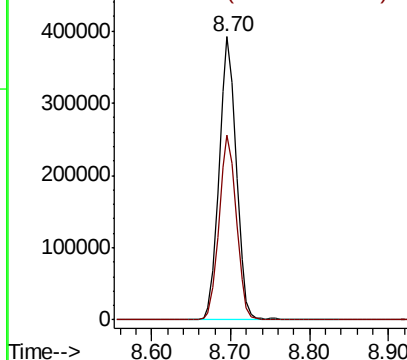


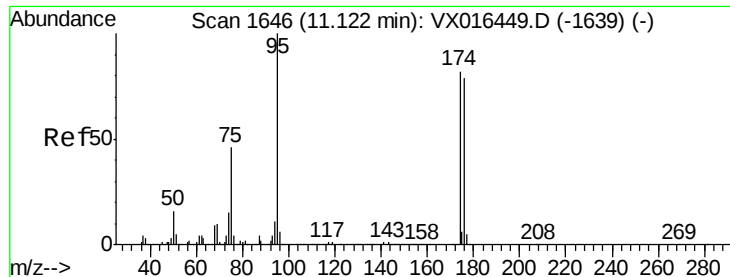
#50
Toluene-d8
Concen: 53.027 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016522.D
Acq: 01 Jun 2020 12:42

Tgt Ion: 98 Resp: 598466
Ion Ratio Lower Upper
98 100
100 65.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 55.562 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016522.D

Acq: 01 Jun 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

Z5-TB2-200527

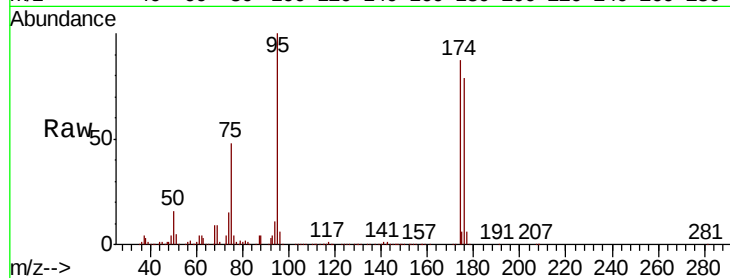
Tot Ion: 95 Resp: 242302

Ion Ratio Lower Upper

95 100

174 83.1 0.0 163.0

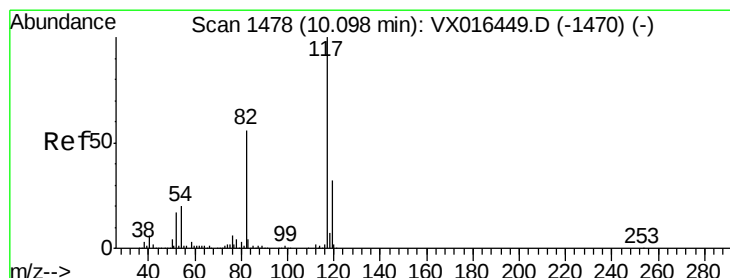
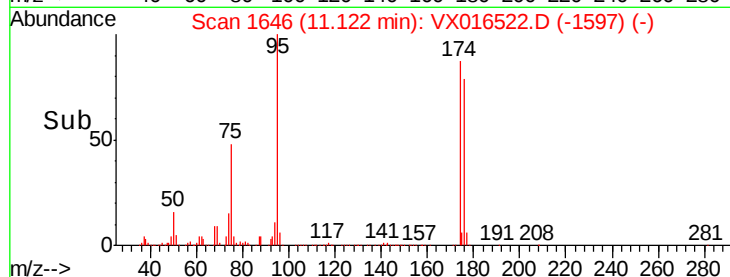
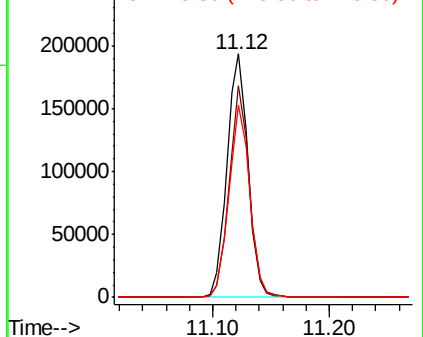
176 78.3 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016522.D

Acq: 01 Jun 2020 12:42

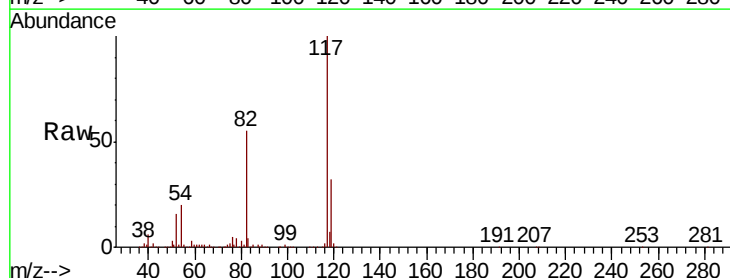
Tgt Ion: 117 Resp: 479350

Ion Ratio Lower Upper

117 100

82 55.5 45.0 67.6

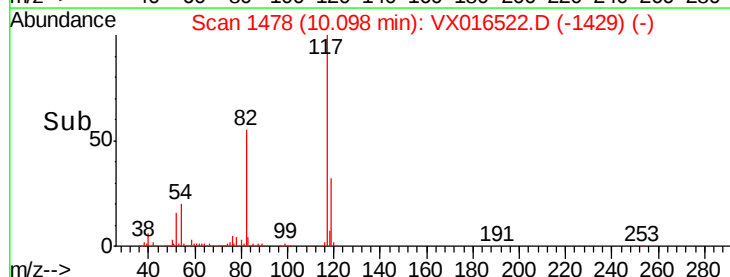
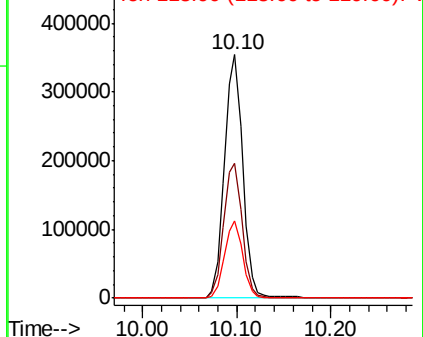
119 31.8 25.8 38.8

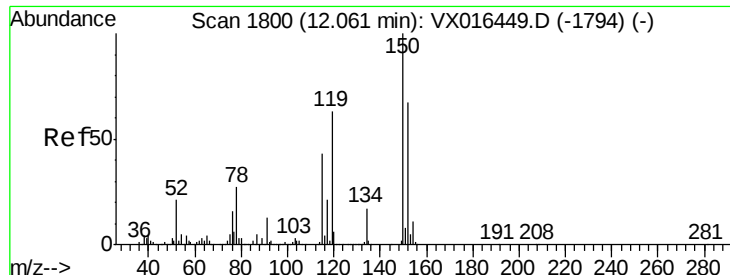


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX016522.D

Acq: 01 Jun 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

Z5-TB2-200527

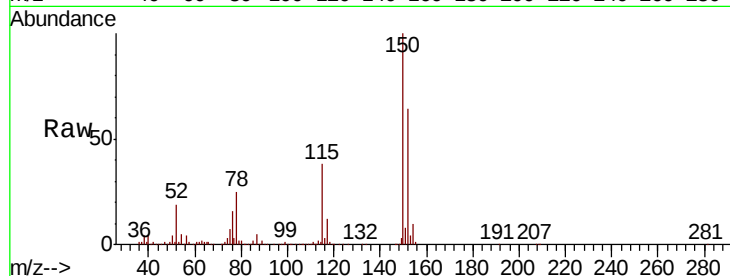
Tot Ion:152 Resp: 246843

Ion Ratio Lower Upper

152 100

115 58.7 39.9 119.6

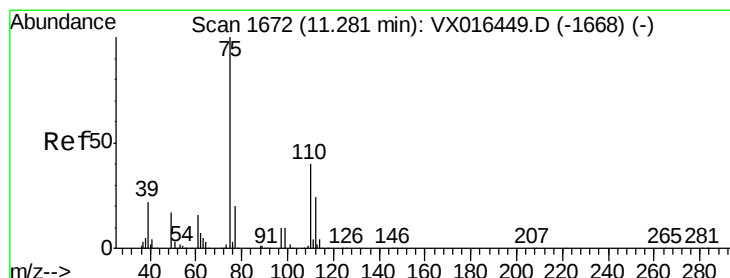
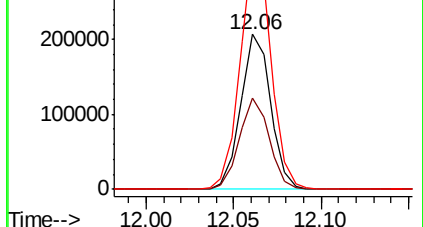
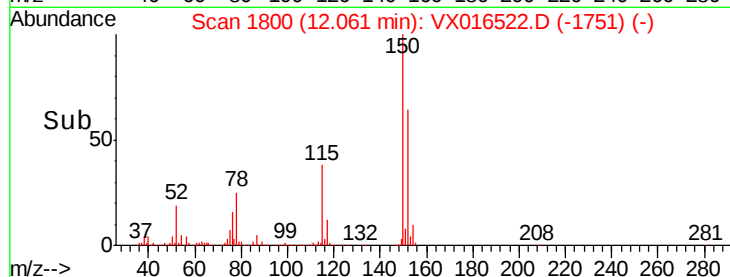
150 156.7 0.0 341.0



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



#76

1,2,3-Trichloropropane

Concen: 21.621 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016522.D

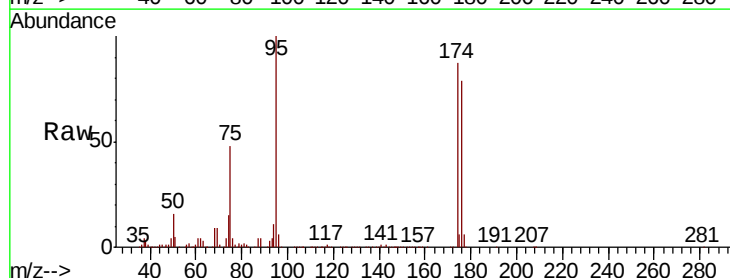
Acq: 01 Jun 2020 12:42

Tgt Ion: 75 Resp: 117309

Ion Ratio Lower Upper

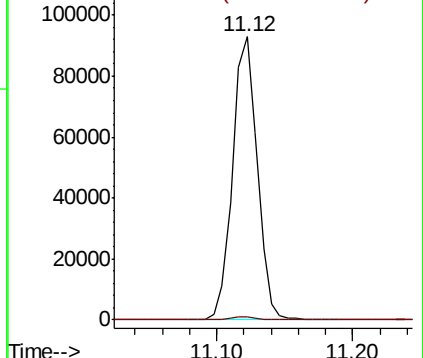
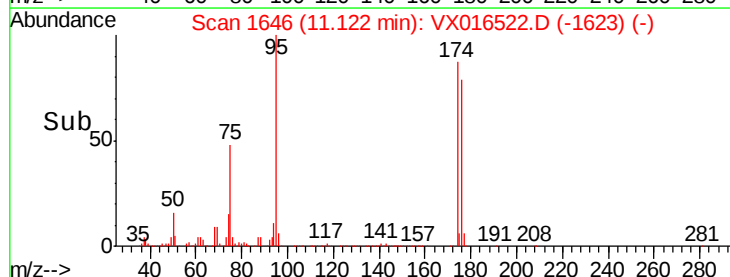
75 100

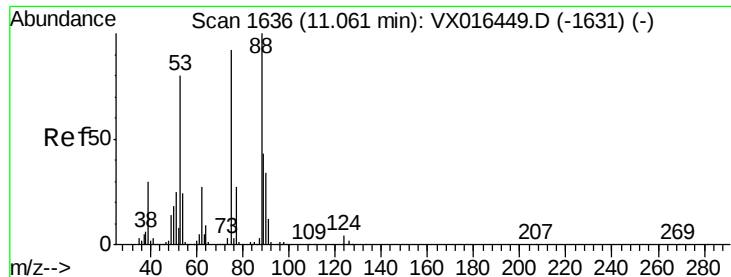
77 1.3 21.3 63.7#



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: 53.184 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016522.D
Acq: 01 Jun 2020 12:42

Instrument :
MSVOA_X
ClientSampleId :
Z5-TB2-200527

Tot Ion: 75 Resp: 117309
Ion Ratio Lower Upper
75 100
53 0.0 71.3 106.9#
89 0.0 36.6 55.0#

