

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
 Data File : VX016462.D
 Acq On : 27 May 2020 21:46
 Operator : JC/SP
 Sample : L2767-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1005

Quant Time: May 28 05:34:41 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

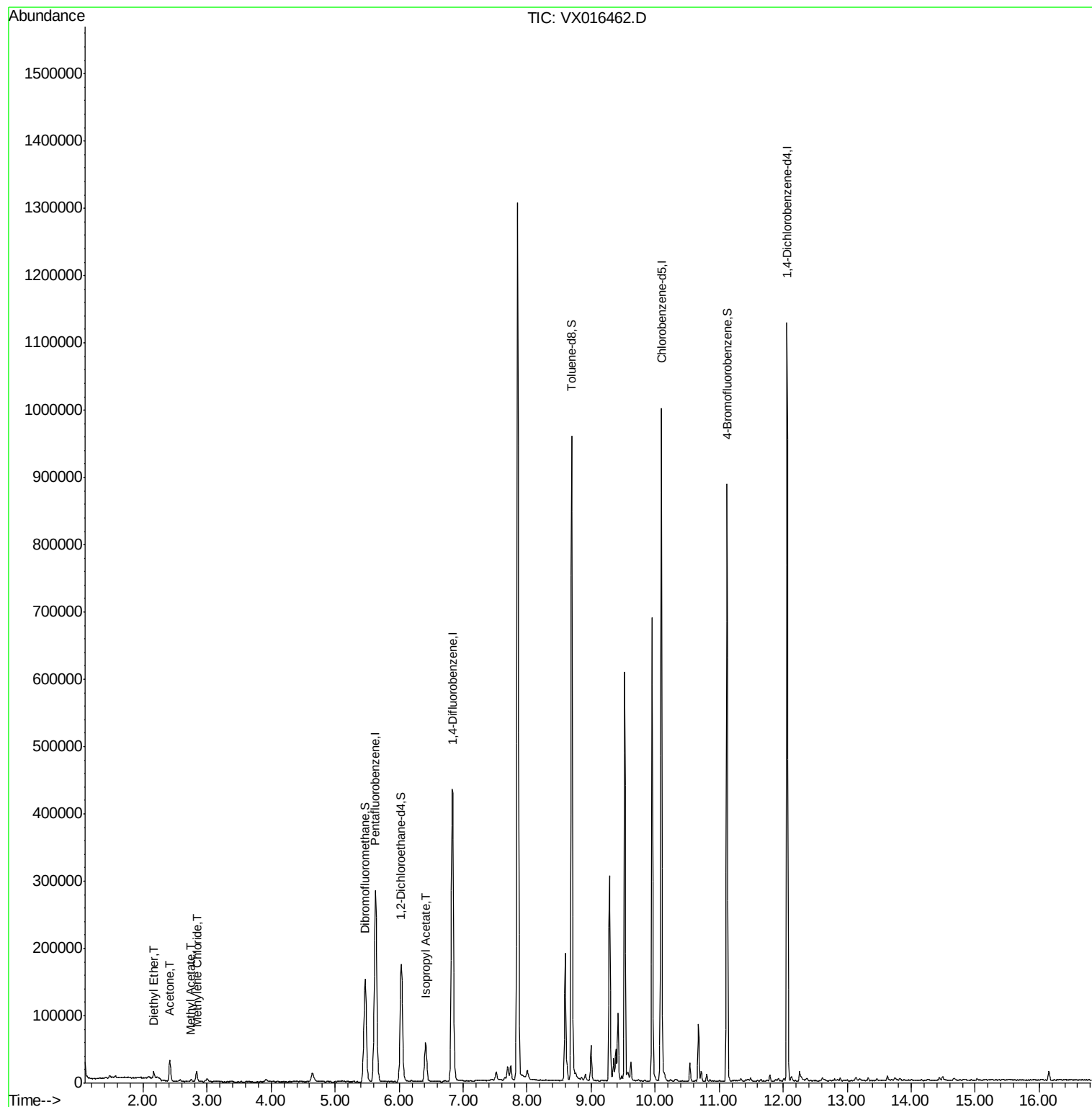
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	275396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	446677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	454988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	234302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	167989	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
35) Dibromofluoromethane	5.47	113	133257	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	8.70	98	562641	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	11.12	95	229350	55.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.90%	
Target Compounds						
8) Diethyl Ether	2.17	74	3875	2.043	ug/l	96
16) Acetone	2.42	43	31603	21.091	ug/l	98
18) Methyl Acetate	2.75	43	4127	1.074	ug/l	95
20) Methylene Chloride	2.84	84	6635	2.140	ug/l #	86
43) Isopropyl Acetate	6.41	43	78110	9.862	ug/l	100

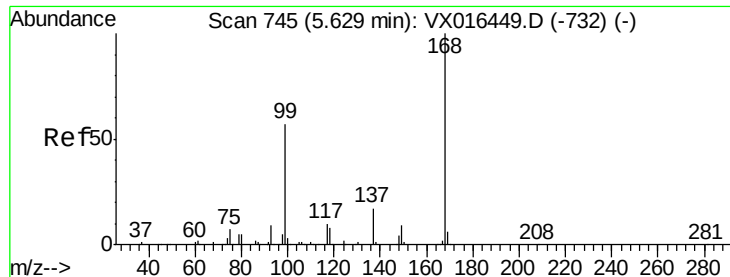
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX016462.D

Acq: 27 May 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

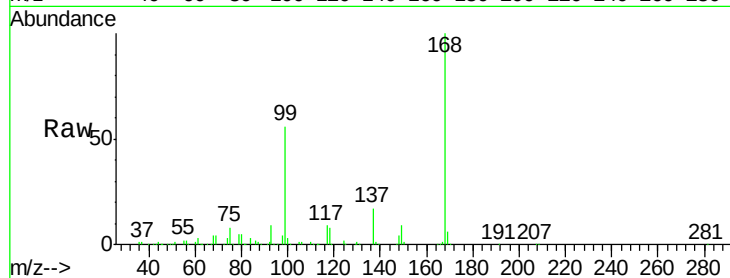
TRE-1005

Tot Ion:168 Resp: 275396

Ion Ratio Lower Upper

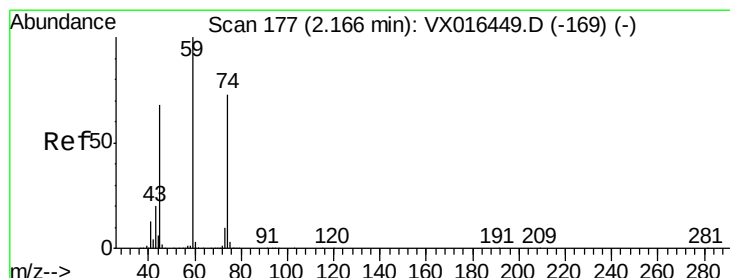
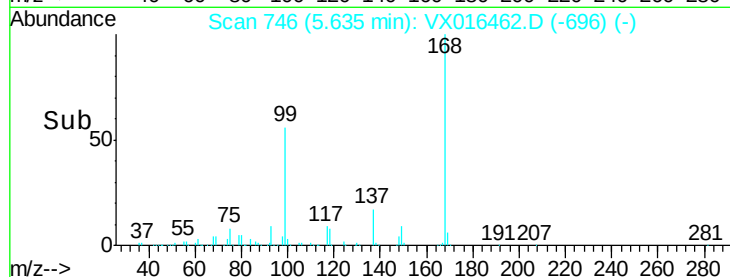
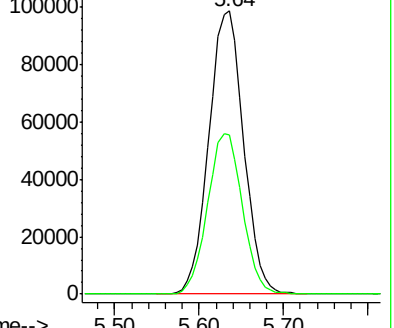
168 100

99 56.4 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 2.043 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016462.D

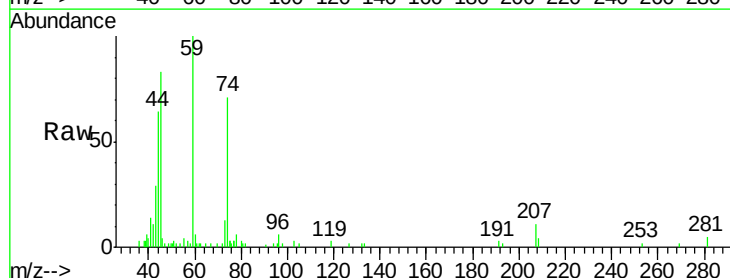
Acq: 27 May 2020 21:46

Tgt Ion: 74 Resp: 3875

Ion Ratio Lower Upper

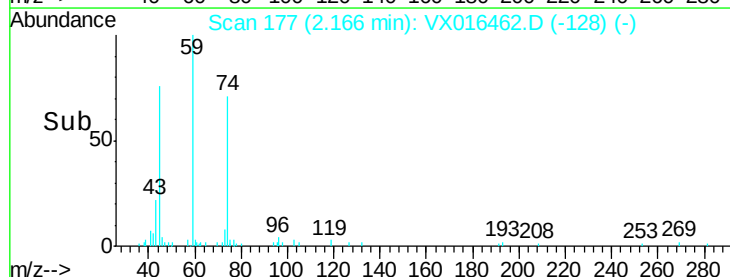
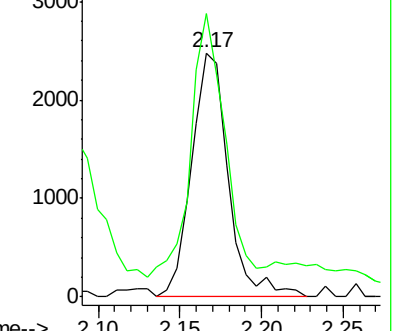
74 100

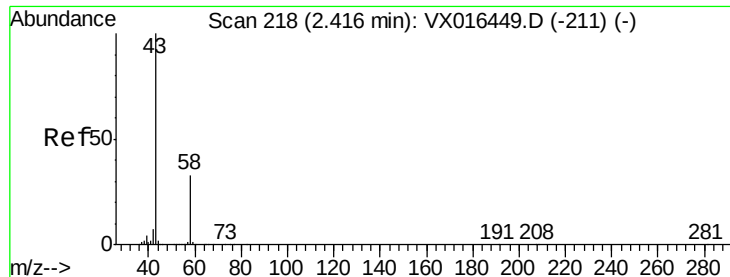
45 98.6 47.5 142.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#16

Acetone

Concen: 21.091 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016462.D

Acq: 27 May 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

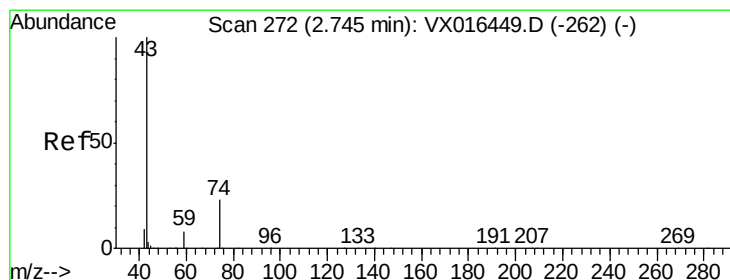
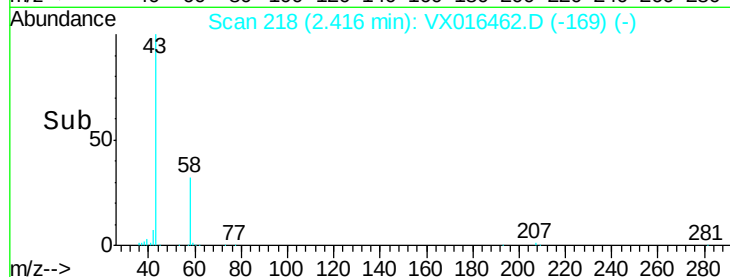
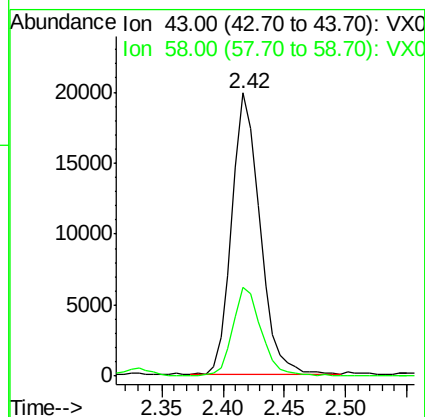
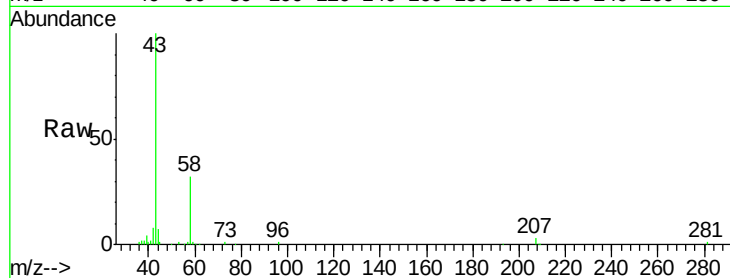
TRE-1005

Tot Ion: 43 Resp: 31603

Ion Ratio Lower Upper

43 100

58 31.7 26.1 39.1



#18

Methyl Acetate

Concen: 1.074 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016462.D

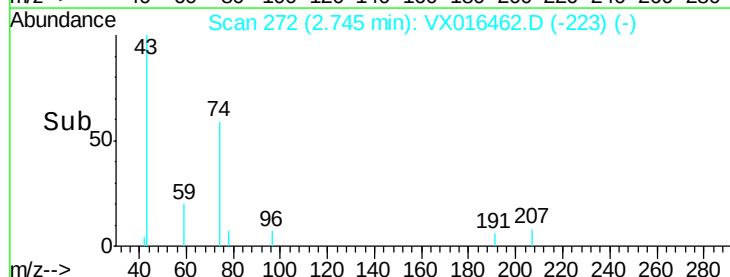
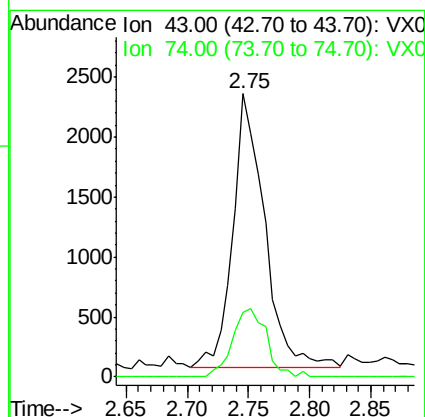
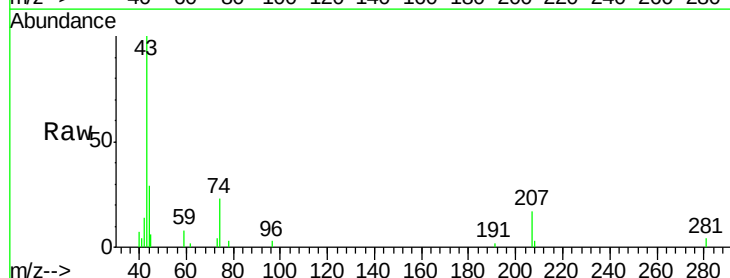
Acq: 27 May 2020 21:46

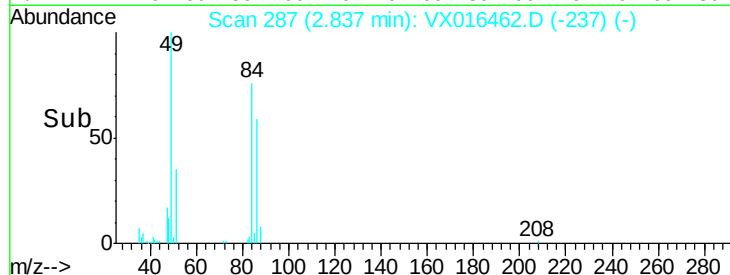
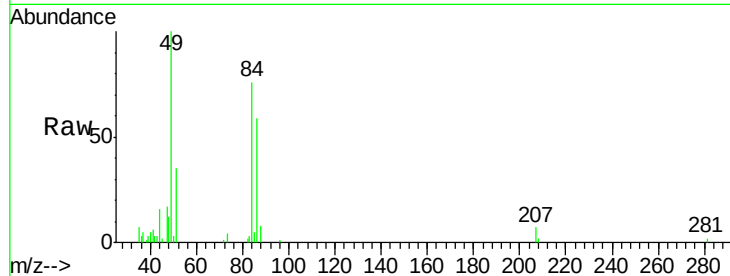
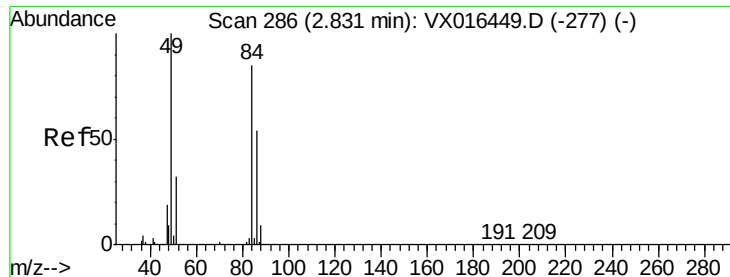
Tgt Ion: 43 Resp: 4127

Ion Ratio Lower Upper

43 100

74 26.8 19.7 29.5

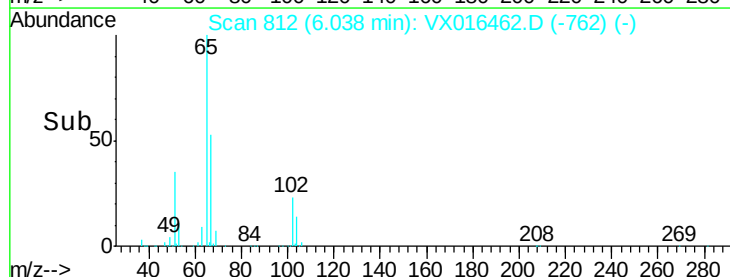
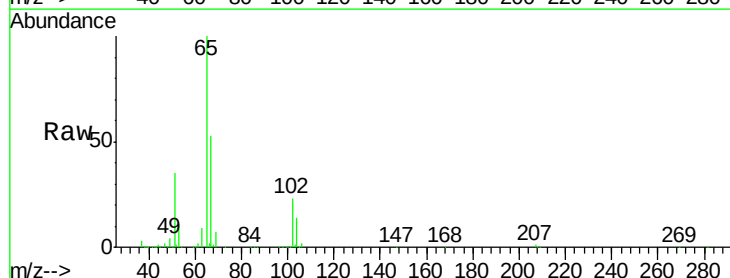
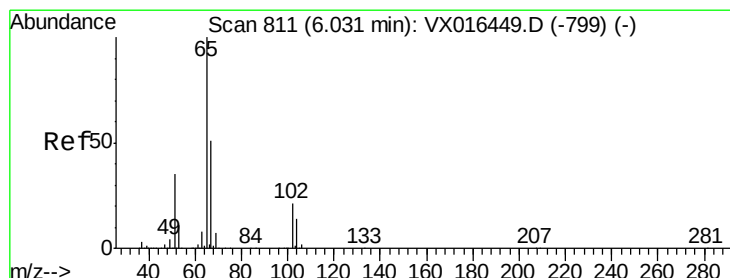
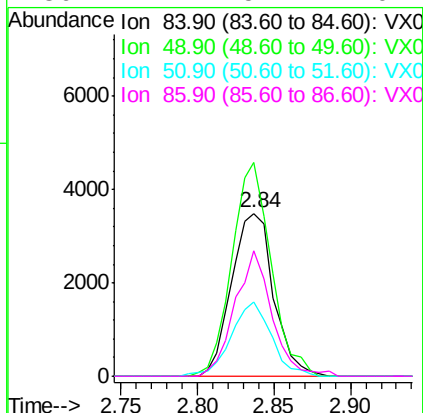




#20
Methylene Chloride
Concen: 2.140 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016462.D
Acq: 27 May 2020 21:46

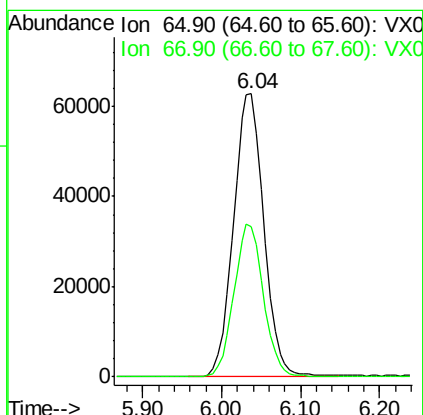
Instrument :
MSVOA_X
ClientSampleId :
TRE-1005

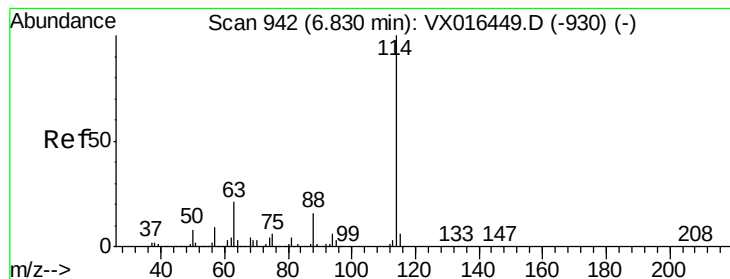
Tot Ion: 84 Resp: 6635
Ion Ratio Lower Upper
84 100
49 131.2 94.5 141.7
51 45.7 30.2 45.4#
86 77.2 51.1 76.7#



#33
1,2-Dichloroethane-d4
Concen: 49.119 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016462.D
Acq: 27 May 2020 21:46

Tgt Ion: 65 Resp: 167989
Ion Ratio Lower Upper
65 100
67 52.6 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: VX016462.D

Acq: 27 May 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

TRE-1005

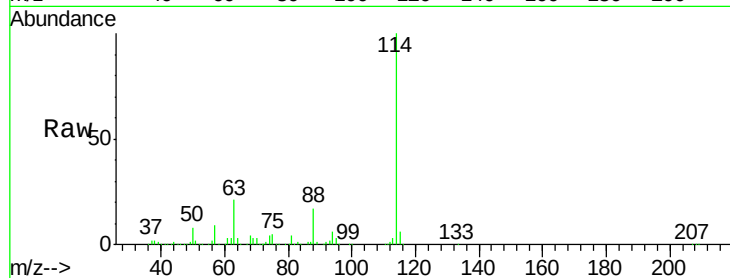
Tot Ion:114 Resp: 446677

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

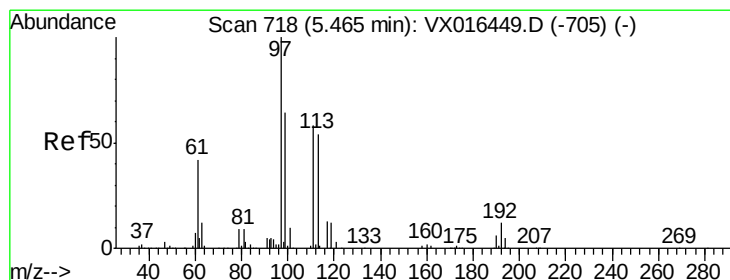
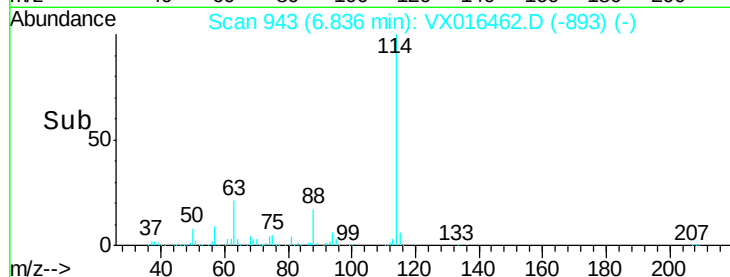
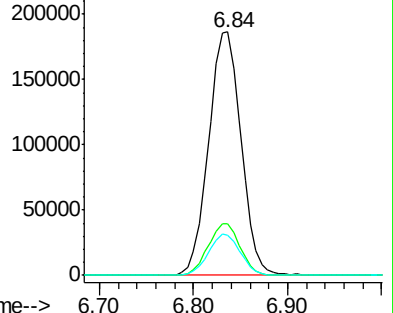
88 16.5 0.0 32.8



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: 48.450 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016462.D

Acq: 27 May 2020 21:46

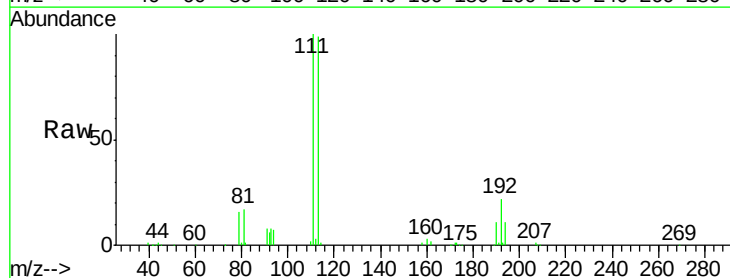
Tgt Ion:113 Resp: 133257

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

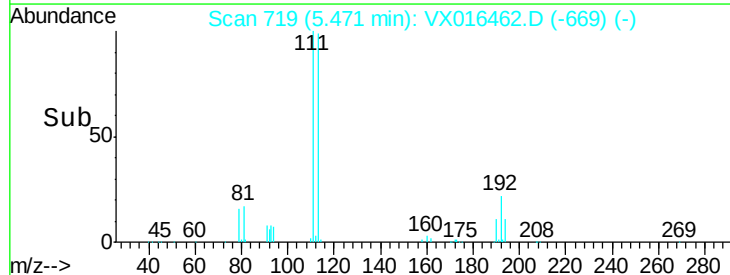
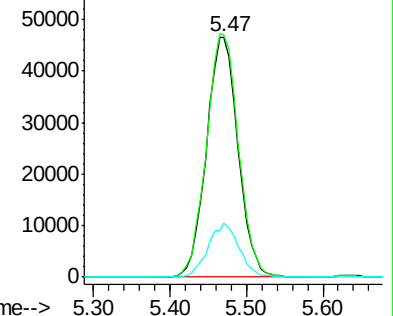
192 21.9 17.7 26.5

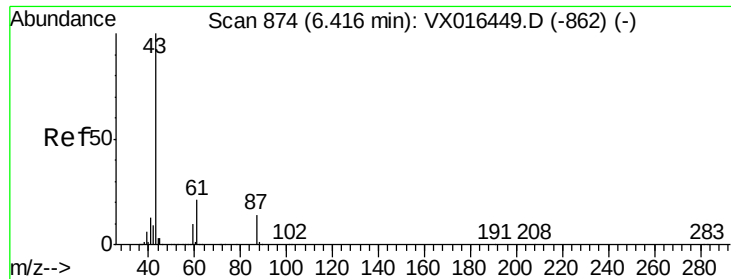


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.862 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016462.D

Acq: 27 May 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

TRE-1005

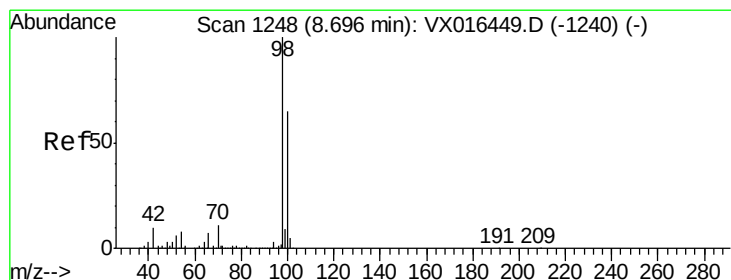
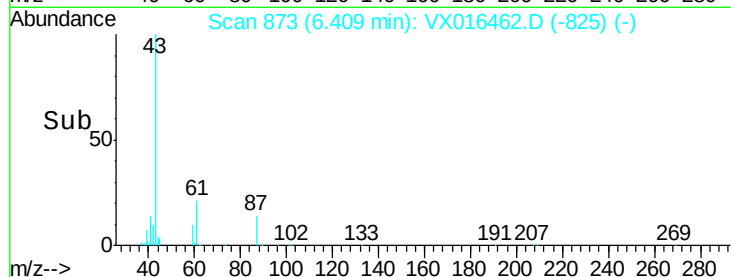
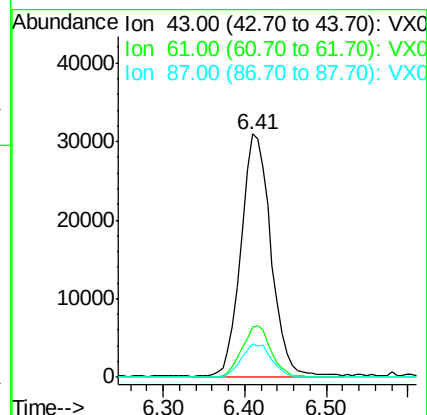
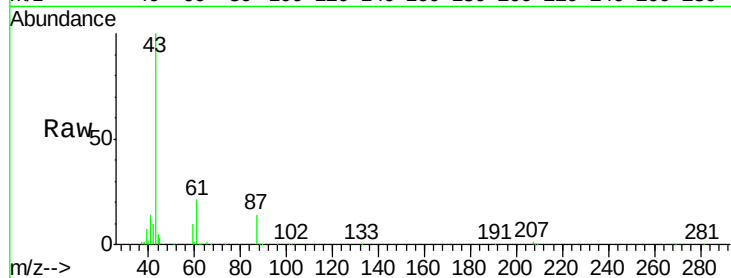
Tot Ion: 43 Resp: 78110

Ion Ratio Lower Upper

43 100

61 20.8 16.8 25.2

87 13.9 11.2 16.8



#50

Toluene-d8

Concen: 52.558 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016462.D

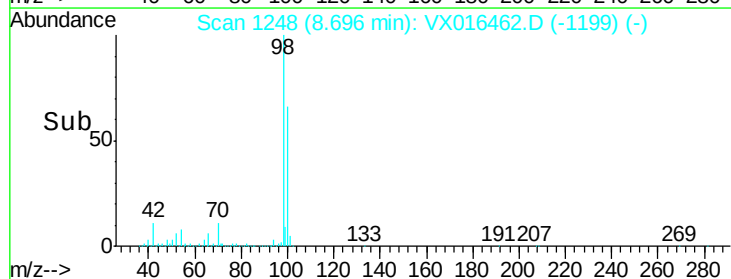
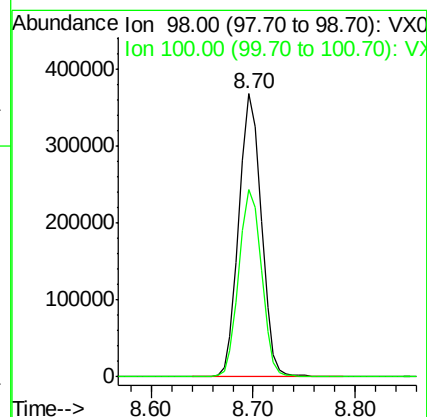
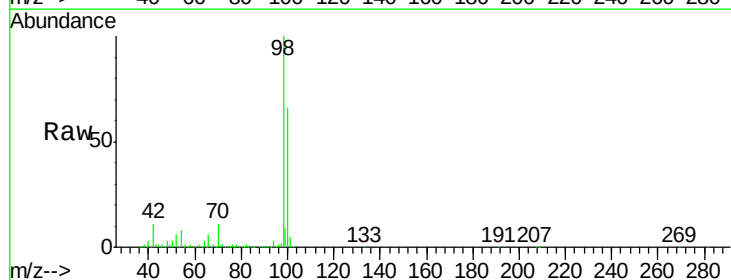
Acq: 27 May 2020 21:46

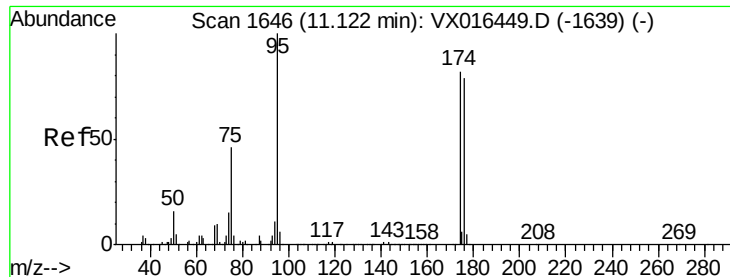
Tgt Ion: 98 Resp: 562641

Ion Ratio Lower Upper

98 100

100 66.8 53.8 80.6





#62

4-Bromofluorobenzene

Concen: 55.446 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016462.D

Acq: 27 May 2020 21:46

Instrument :

MSVOA_X

ClientSampled :

TRE-1005

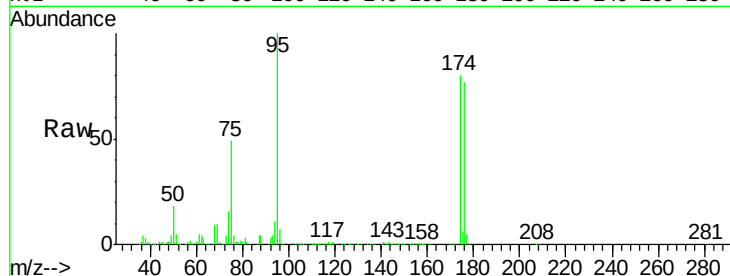
Tot Ion: 95 Resp: 229350

Ion Ratio Lower Upper

95 100

174 81.1 0.0 163.0

176 78.0 0.0 156.8



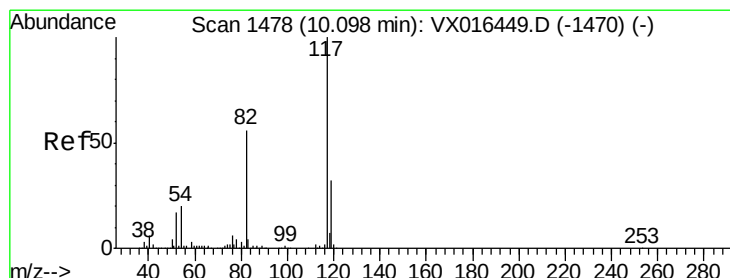
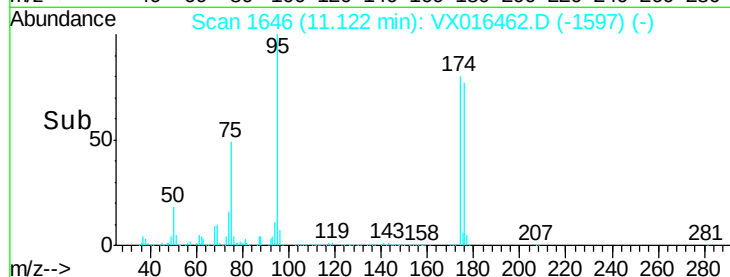
Abundance Ion 94.90 (94.60 to 95.60): VX016449.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016449.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016449.D (-1639) (-)

11.12

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016462.D

Acq: 27 May 2020 21:46

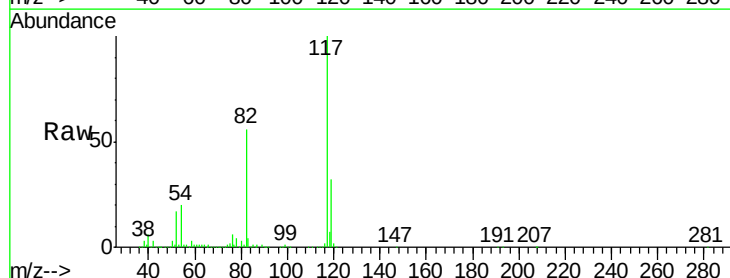
Tgt Ion: 117 Resp: 454988

Ion Ratio Lower Upper

117 100

82 55.7 45.0 67.6

119 32.0 25.8 38.8



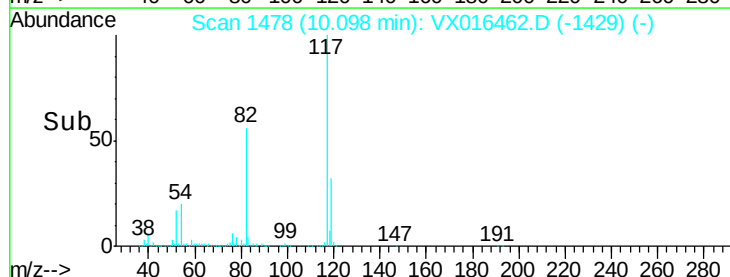
Abundance Ion 116.90 (116.60 to 117.60): VX016449.D (-1470) (-)

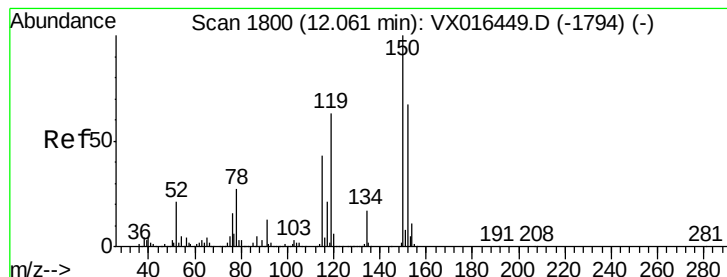
Ion 82.00 (81.70 to 82.70): VX016449.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016449.D (-1470) (-)

10.10

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016462.D

Acq: 27 May 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

TRE-1005

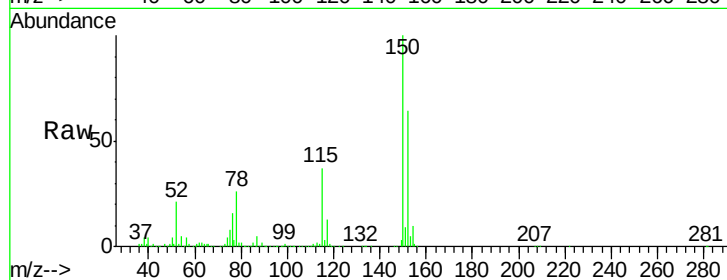
Tot Ion:152 Resp: 234302

Ion Ratio Lower Upper

152 100

115 58.1 39.9 119.6

150 155.2 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

