

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052220\
 Data File : VX016409.D
 Acq On : 22 May 2020 14:06
 Operator : JC/SP
 Sample : L2506-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR-04-052020

Quant Time: May 23 02:33:53 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

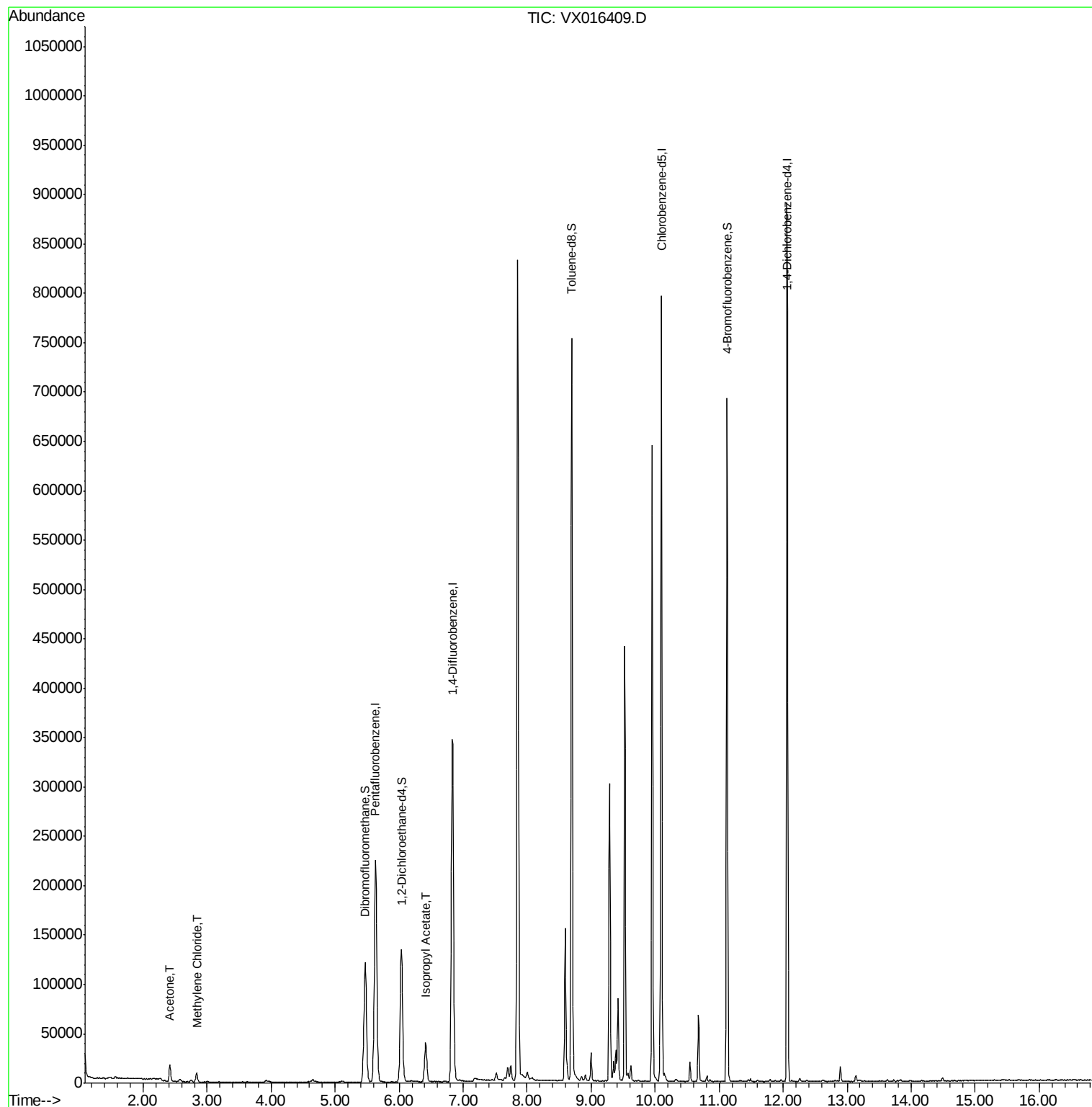
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	222370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	365625	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	368376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	128695	43.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.96%	
35) Dibromofluoromethane	5.47	113	106258	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
50) Toluene-d8	8.70	98	456874	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.12	95	183695	54.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.22%	
Target Compounds						
16) Acetone	2.42	43	16822	12.884	ug/l	93
20) Methylene Chloride	2.84	84	4437	1.649	ug/l	88
43) Isopropyl Acetate	6.42	43	53317	8.011	ug/l	97

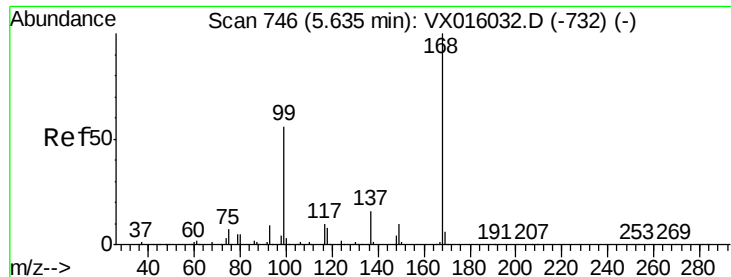
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016409.D

Acq: 22 May 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

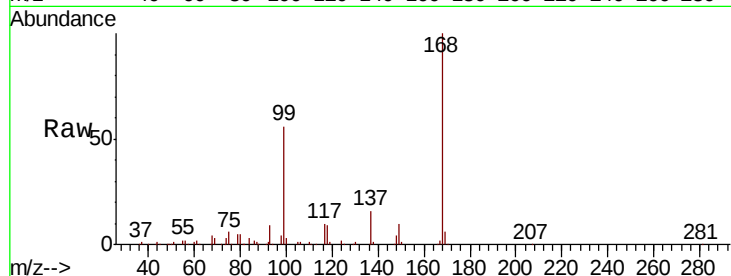
TR-04-052020

Tot Ion:168 Resp: 222370

Ion Ratio Lower Upper

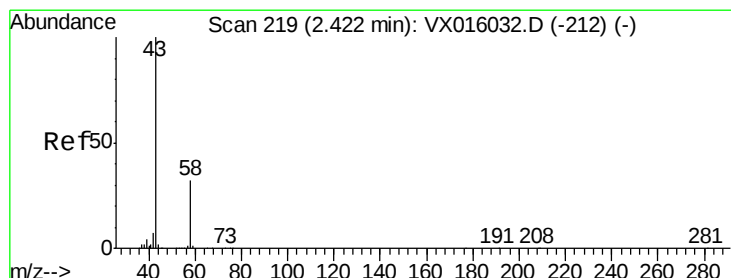
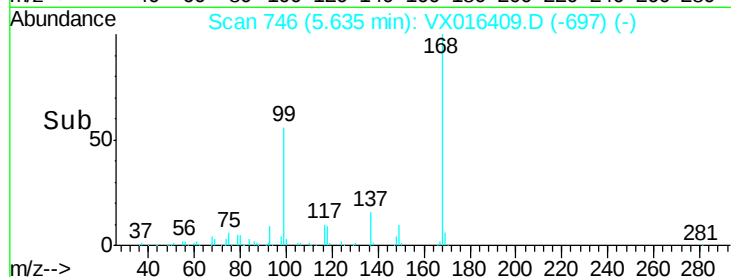
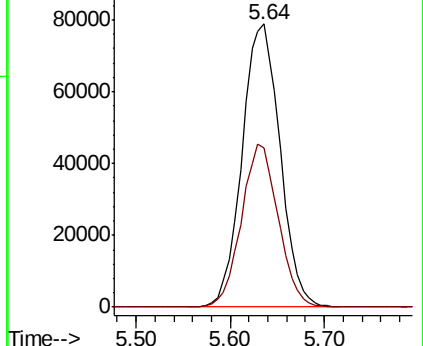
168 100

99 56.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 12.884 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016409.D

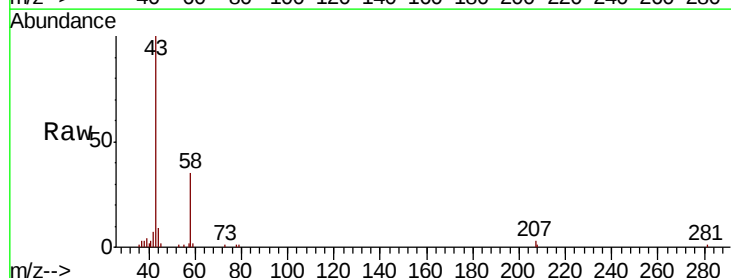
Acq: 22 May 2020 14:06

Tgt Ion: 43 Resp: 16822

Ion Ratio Lower Upper

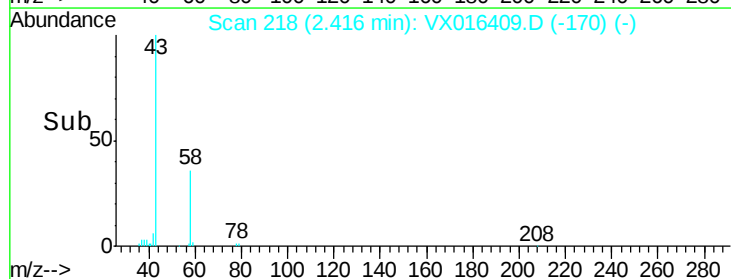
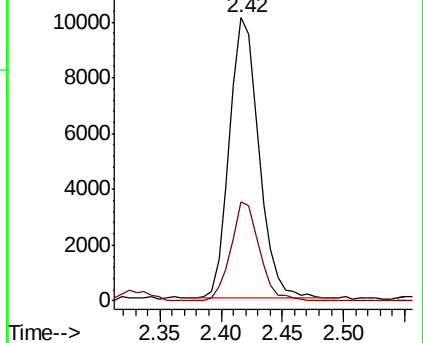
43 100

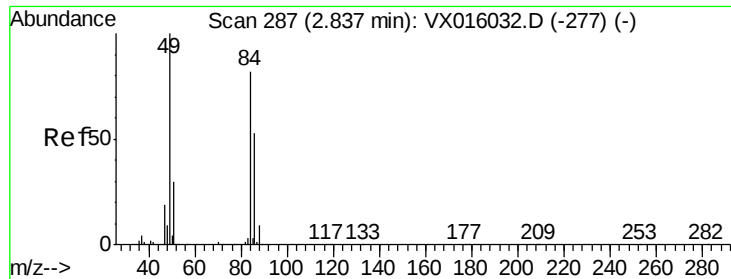
58 35.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

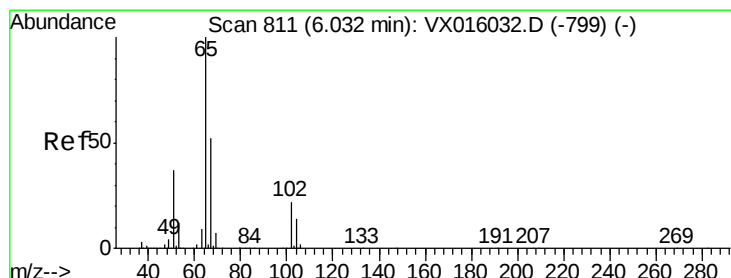
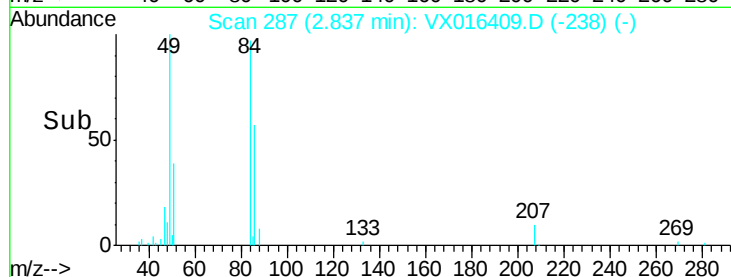
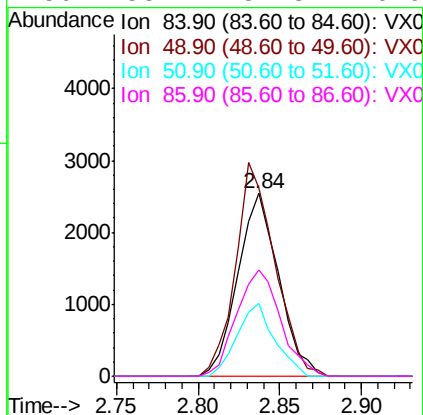
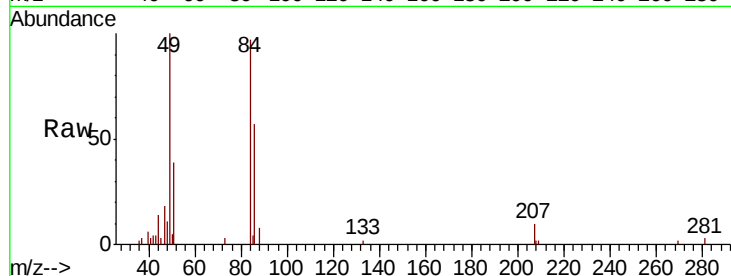




#20
Methylene Chloride
Concen: 1.649 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016409.D
Acq: 22 May 2020 14:06

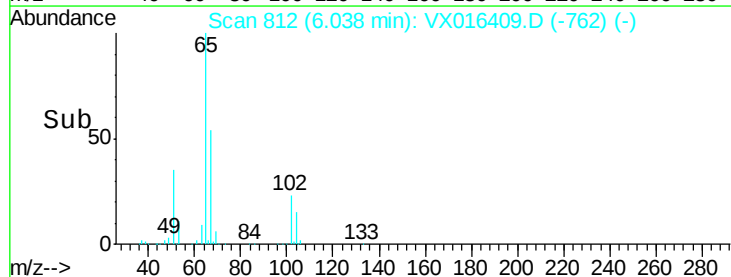
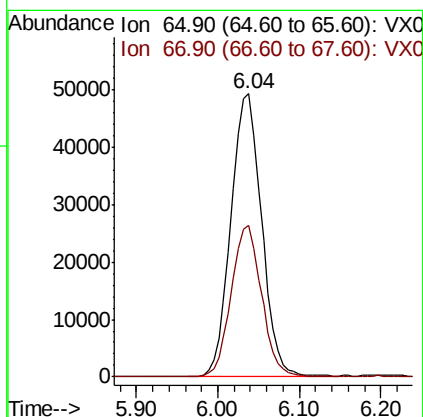
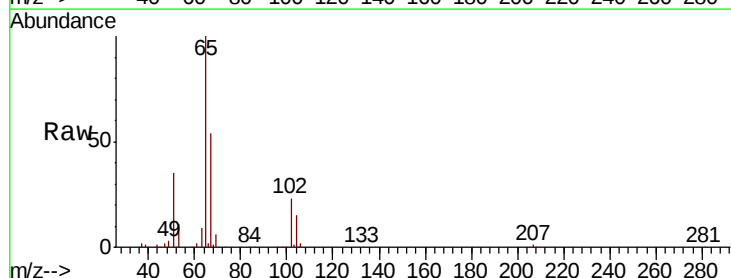
Instrument :
MSVOA_X
ClientSampleId :
TR-04-052020

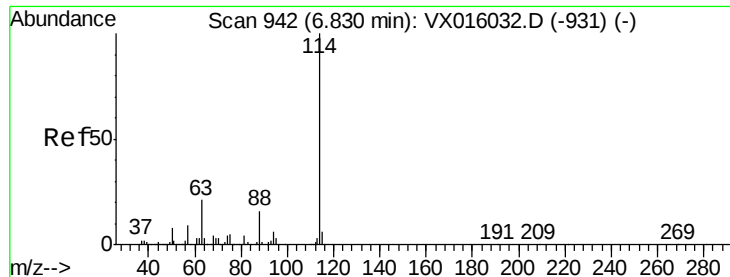
Tot Ion:	84	Resp:	4437
Ion	Ratio	Lower	Upper
84	100		
49	102.7	97.3	145.9
51	39.7	29.3	43.9
86	58.1	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 43.981 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016409.D
Acq: 22 May 2020 14:06

Tgt Ion:	65	Resp:	128695
Ion	Ratio	Lower	Upper
65	100		
67	52.7	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: VX016409.D

Acq: 22 May 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

TR-04-052020

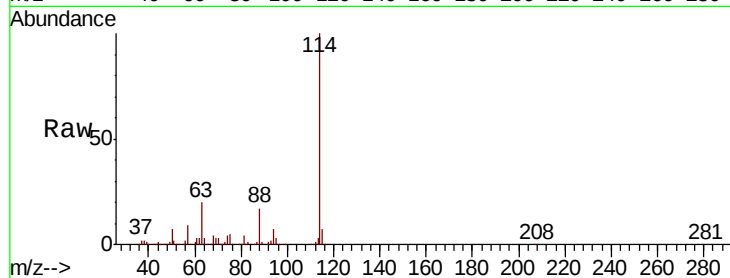
Tot Ion:114 Resp: 365625

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

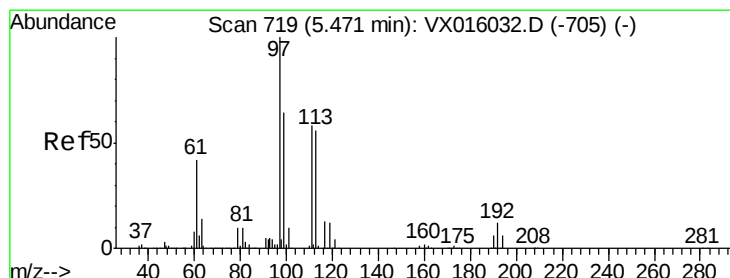
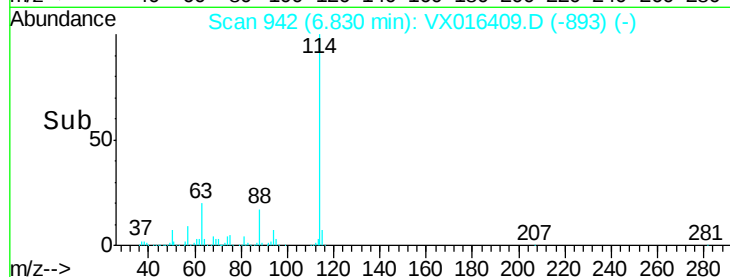
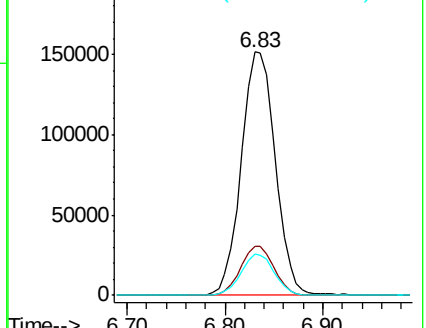
88 17.3 0.0 31.4



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: 45.872 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016409.D

Acq: 22 May 2020 14:06

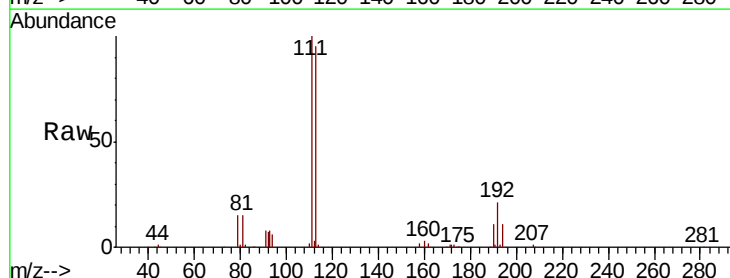
Tgt Ion:113 Resp: 106258

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

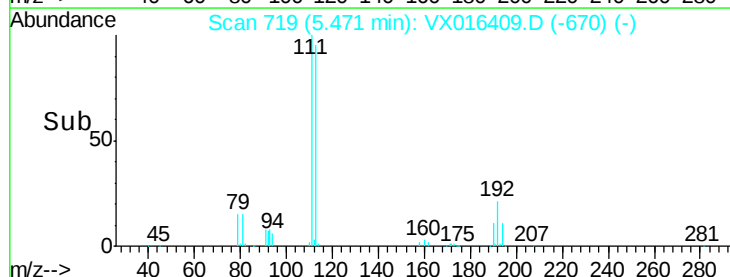
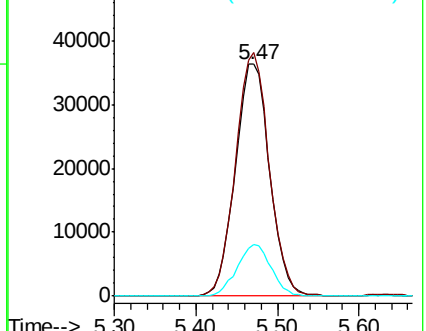
192 22.1 17.0 25.4

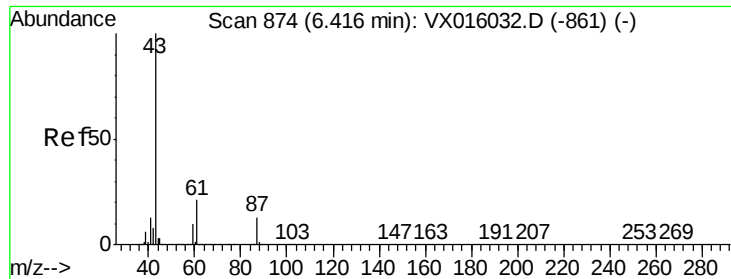


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.011 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016409.D

Acq: 22 May 2020 14:06

Instrument :

MSVOA_X

ClientSampled :

TR-04-052020

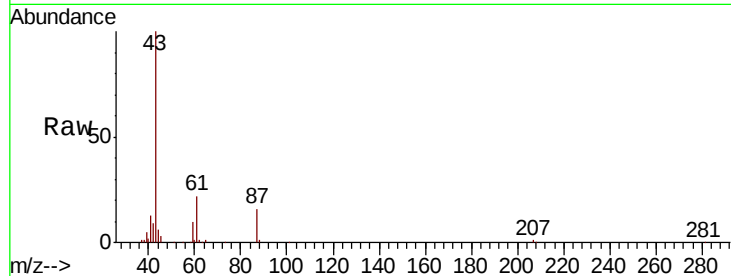
Tot Ion: 43 Resp: 53317

Ion Ratio Lower Upper

43 100

61 22.3 17.0 25.4

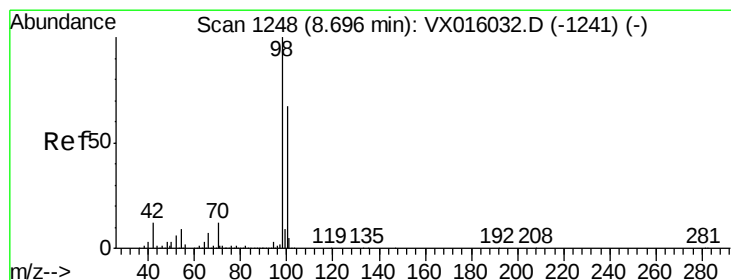
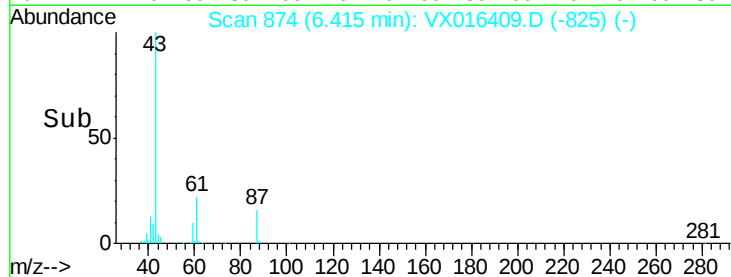
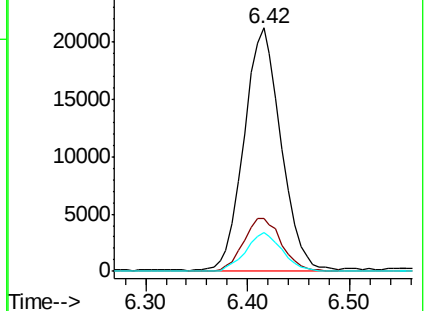
87 15.7 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.189 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016409.D

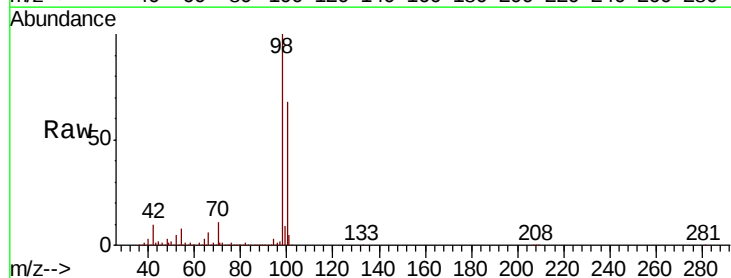
Acq: 22 May 2020 14:06

Tgt Ion: 98 Resp: 456874

Ion Ratio Lower Upper

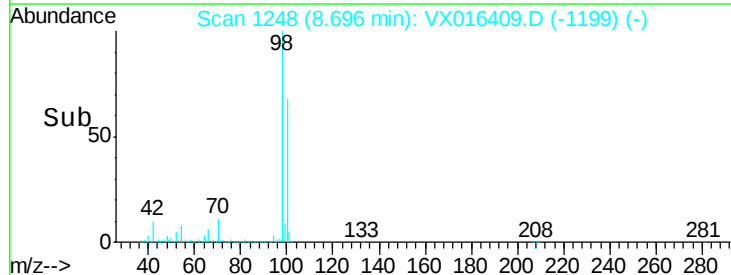
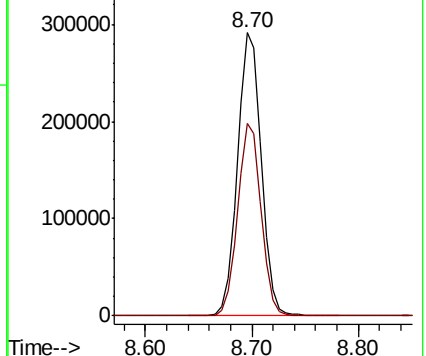
98 100

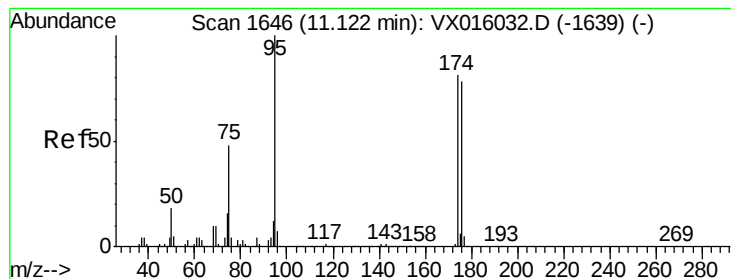
100 67.3 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.112 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016409.D

Acq: 22 May 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

TR-04-052020

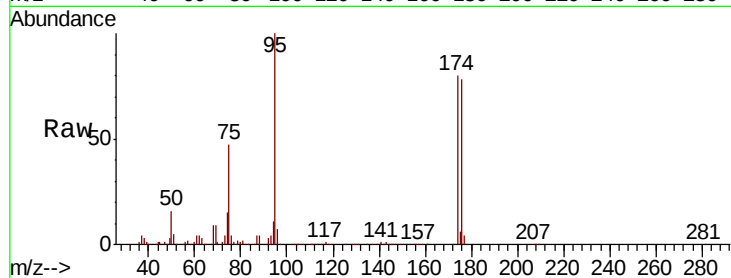
Tot Ion: 95 Resp: 183695

Ion Ratio Lower Upper

95 100

174 82.7 0.0 159.4

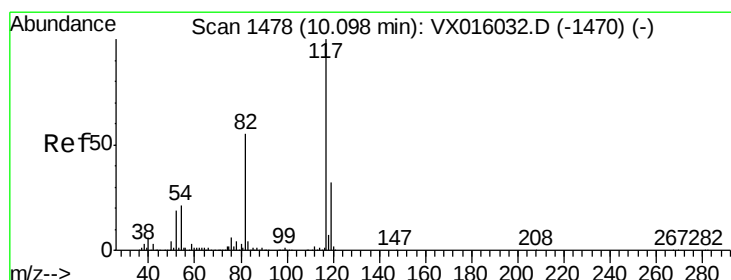
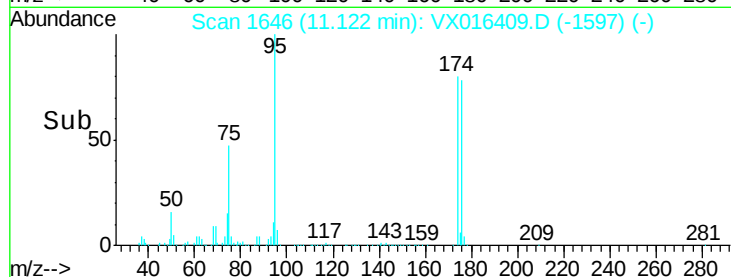
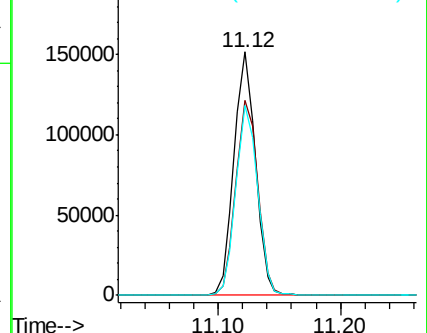
176 79.1 0.0 157.6



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: VX016409.D

Acq: 22 May 2020 14:06

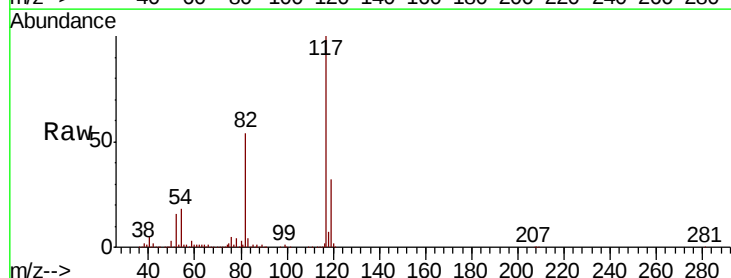
Tgt Ion: 117 Resp: 368376

Ion Ratio Lower Upper

117 100

82 54.3 44.4 66.6

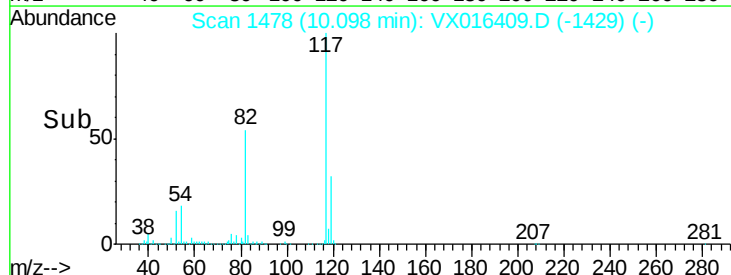
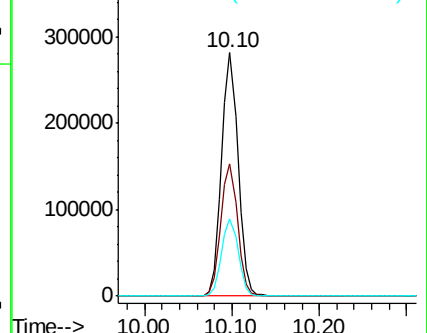
119 31.8 25.5 38.3

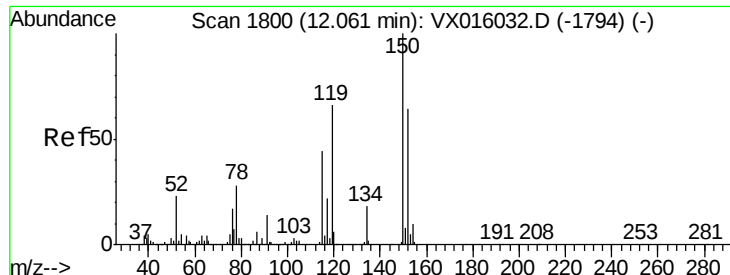


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX016409.D

Acq: 22 May 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

TR-04-052020

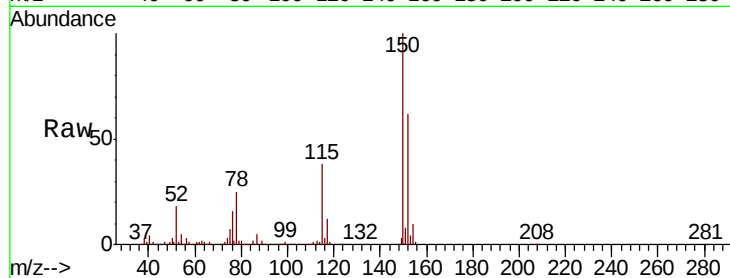
Tot Ion:152 Resp: 184061

Ion Ratio Lower Upper

152 100

115 59.7 41.3 124.1

150 158.5 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

