

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018369.D
 Acq On : 11 Sep 2020 18:30
 Operator : JC/SP
 Sample : PB131535ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB131535ZHE#02

Quant Time: Sep 12 07:16:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

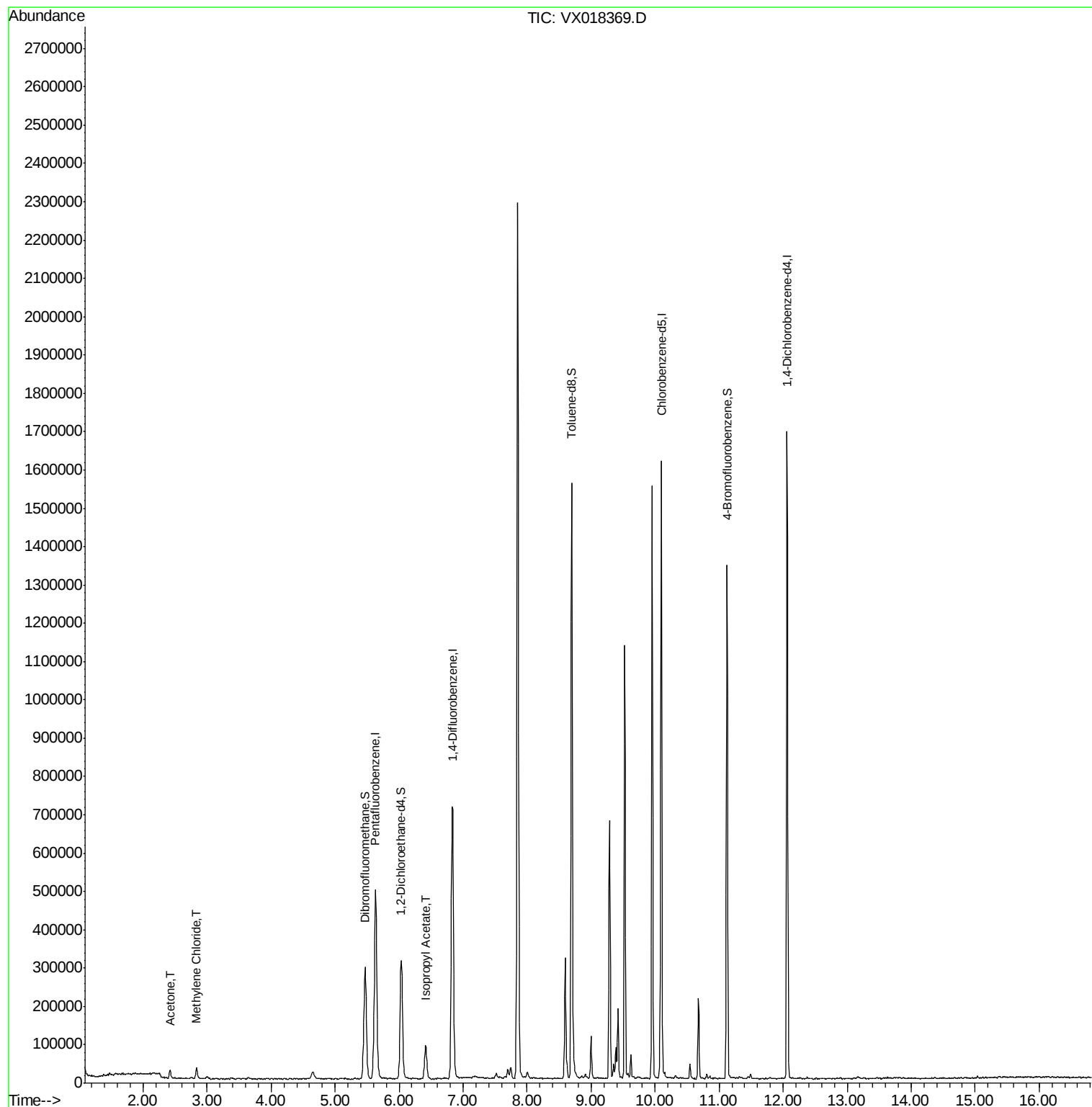
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	452762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	721784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	719391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	347254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	318241	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
35) Dibromofluoromethane	5.47	113	247188	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	8.70	98	914032	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.12	95	338258	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
Target Compounds						
16) Acetone	2.42	43	22762	9.294	ug/l	96
20) Methylene Chloride	2.84	84	14362	1.741	ug/l #	89
43) Isopropyl Acetate	6.42	43	120347	9.636	ug/l	98

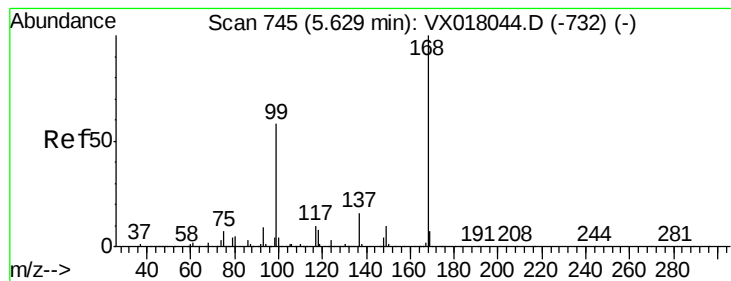
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018369.D

Acq: 11 Sep 2020 18:30

Instrument :

MSVOA_X

ClientSampleId :

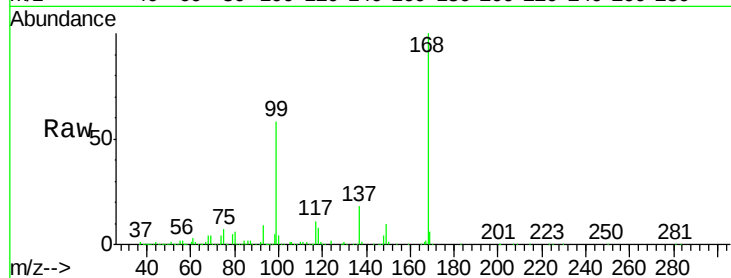
PB131535ZHE#02

Tot Ion:168 Resp: 452762

Ion Ratio Lower Upper

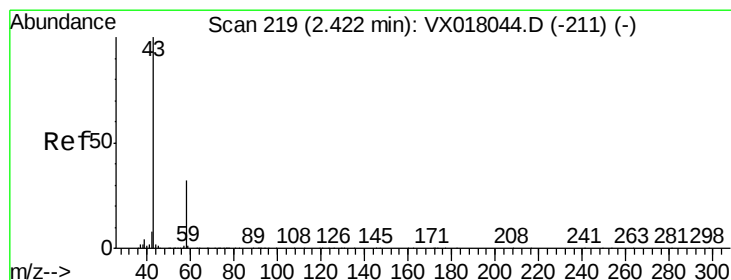
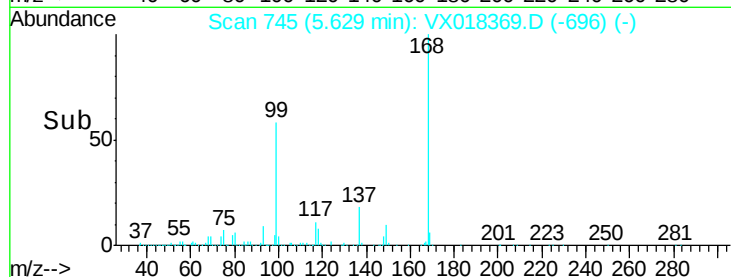
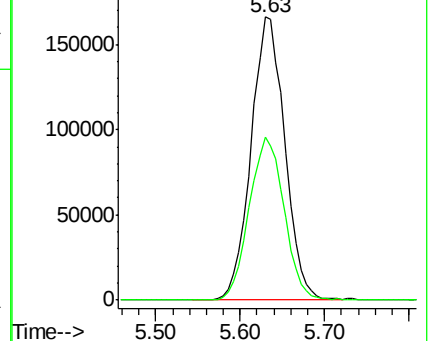
168 100

99 57.7 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 9.294 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018369.D

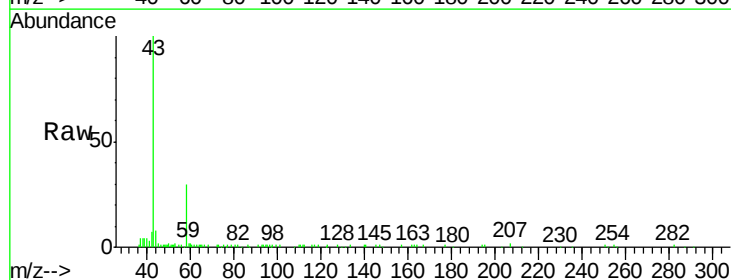
Acq: 11 Sep 2020 18:30

Tgt Ion: 43 Resp: 22762

Ion Ratio Lower Upper

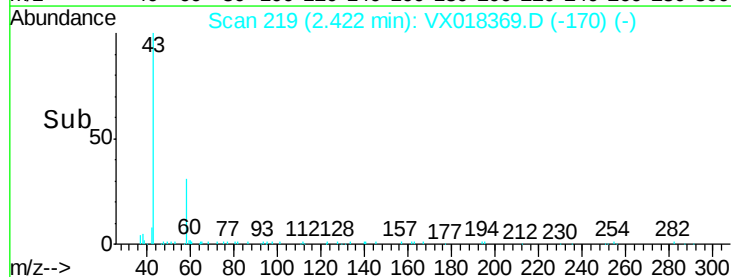
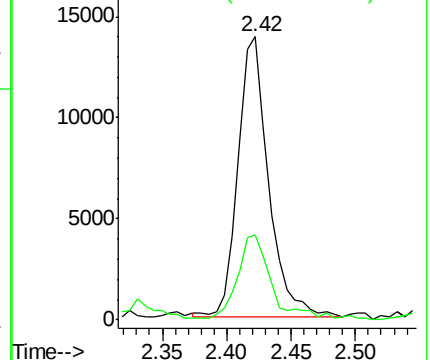
43 100

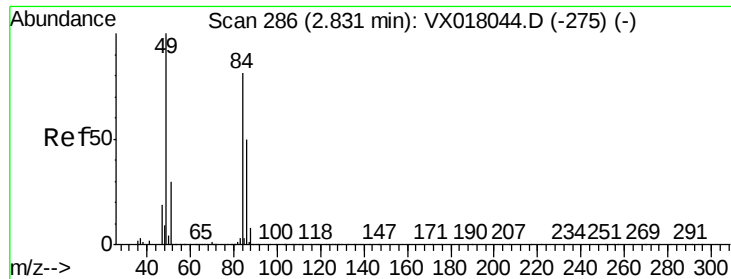
58 29.5 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

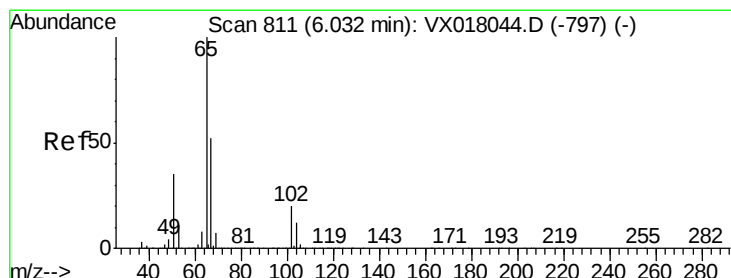
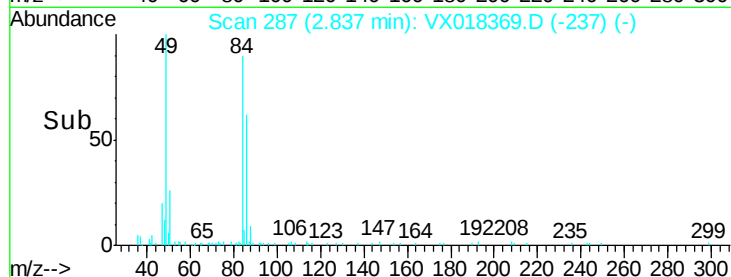
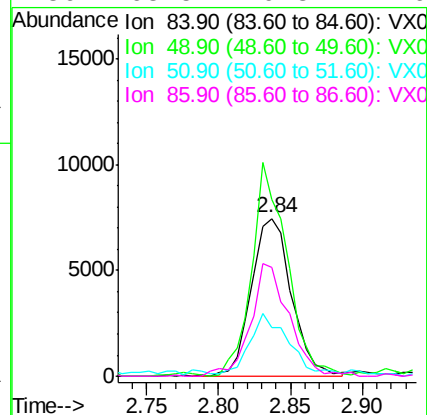
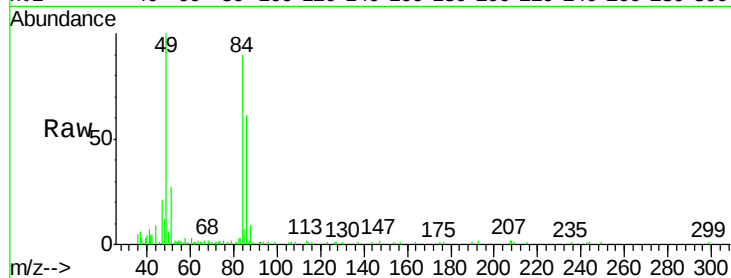




#20
Methvlene Chloride
Concen: 1.741 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018369.D
Acq: 11 Sep 2020 18:30

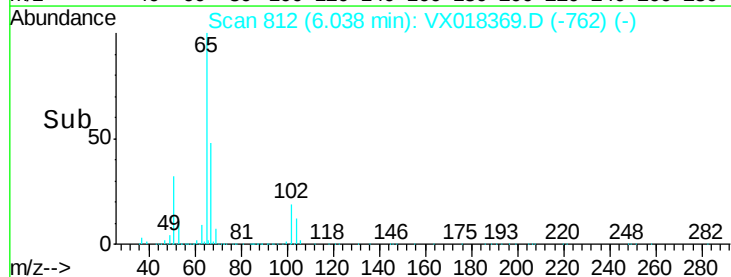
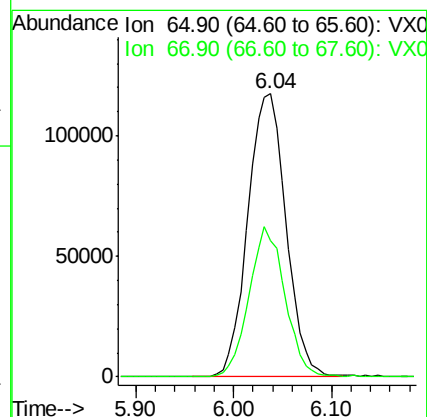
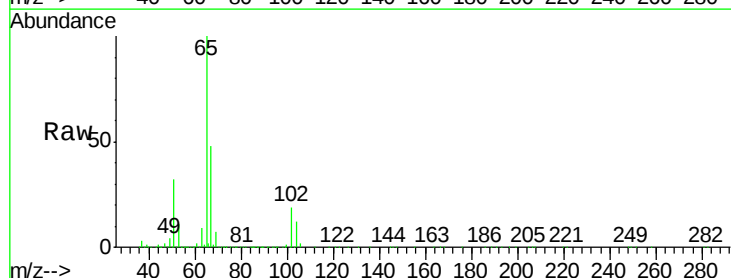
Instrument :
MSVOA_X
ClientSampleId :
PB131535ZHE#02

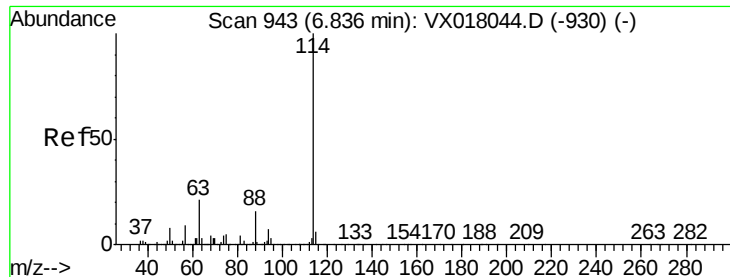
Tot Ion: 84 Resp: 14362
Ion Ratio Lower Upper
84 100
49 110.1 98.6 148.0
51 27.4 29.6 44.4#
86 68.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 50.631 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX018369.D
Acq: 11 Sep 2020 18:30

Tgt Ion: 65 Resp: 318241
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018369.D

Acq: 11 Sep 2020 18:30

Instrument :

MSVOA_X

ClientSampleId :

PB131535ZHE#02

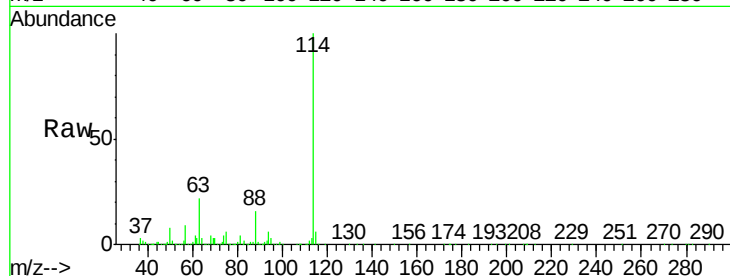
Tot Ion:114 Resp: 721784

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

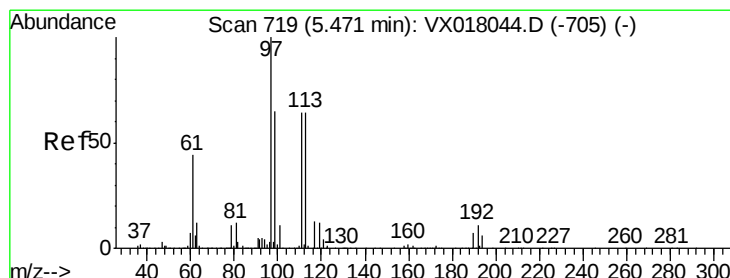
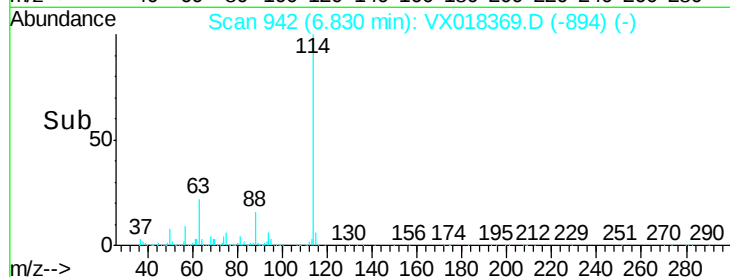
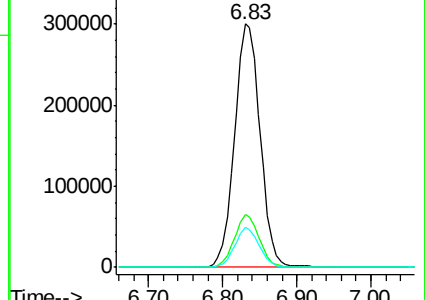
88 16.2 0.0 31.8



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: 50.285 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018369.D

Acq: 11 Sep 2020 18:30

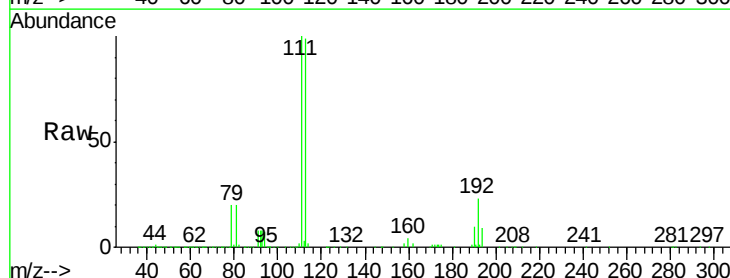
Tgt Ion:113 Resp: 247188

Ion Ratio Lower Upper

113 100

111 104.1 81.6 122.4

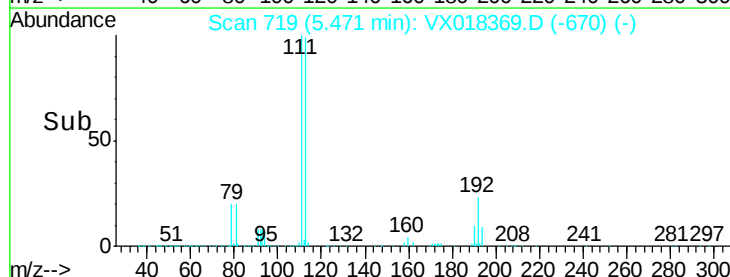
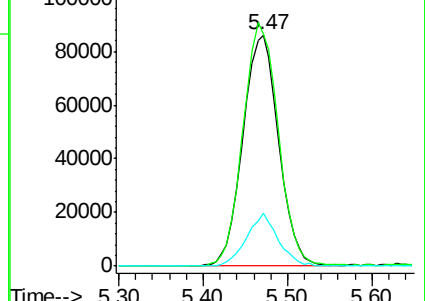
192 20.5 15.8 23.8

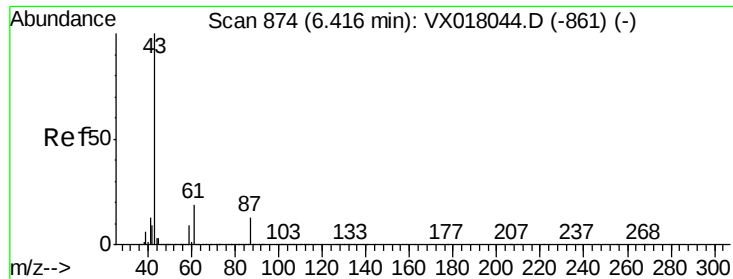


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



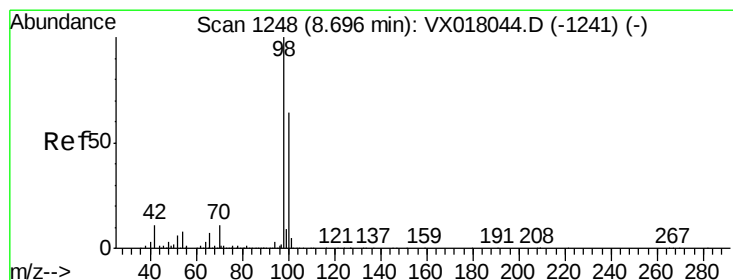
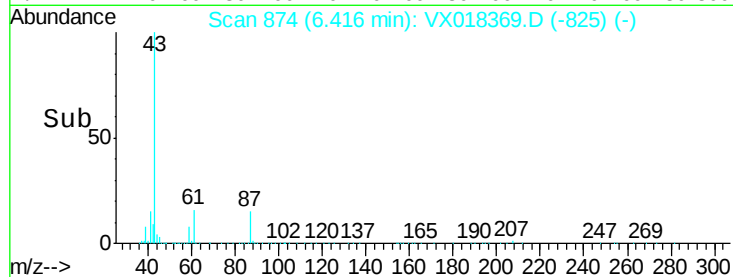
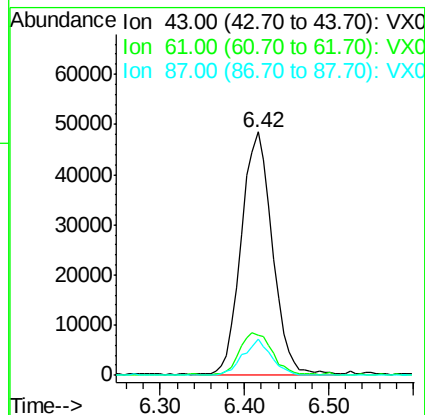
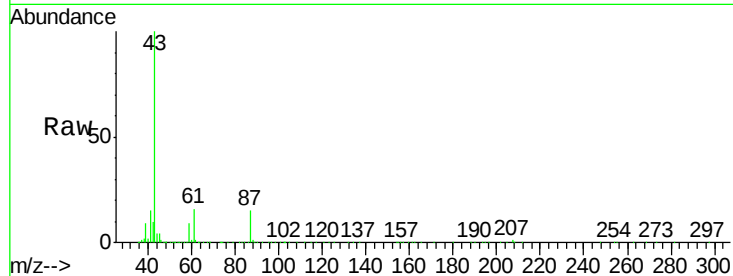


#43

Isopropyl Acetate
 Concen: 9.636 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018369.D
 Acq: 11 Sep 2020 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 PB131535ZHE#02

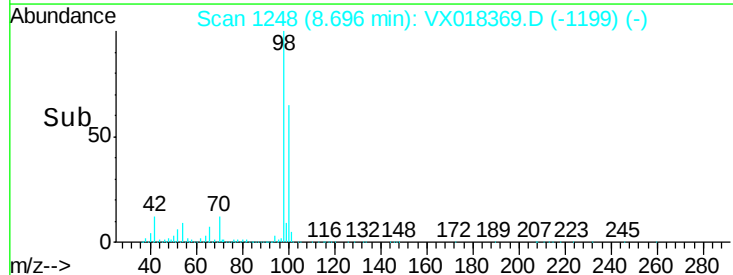
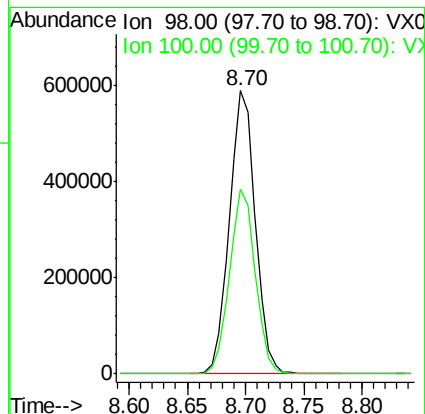
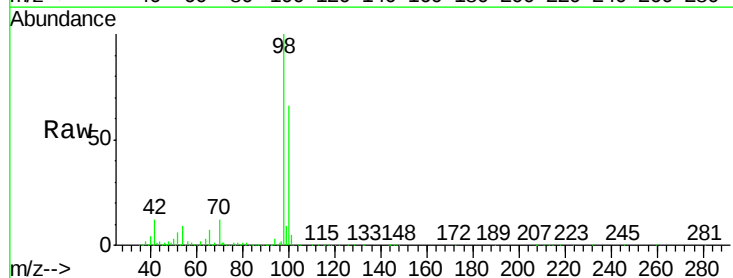
Tot Ion	43	Resp	120347
Ion Ratio	Lower	Upper	
43	100		
61	18.6	15.7	23.5
87	13.6	10.3	15.5

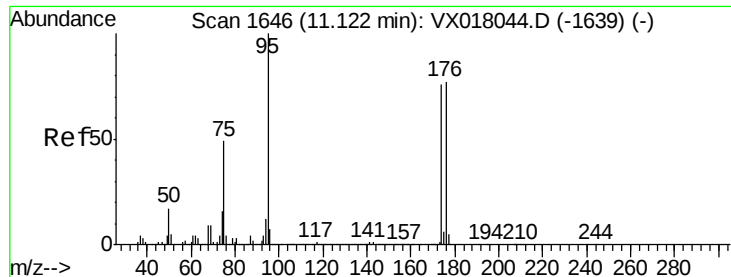


#50

Toluene-d8
 Concen: 49.923 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX018369.D
 Acq: 11 Sep 2020 18:30

Tgt Ion	98	Resp	914032
Ion Ratio	Lower	Upper	
98	100		
100	64.9	52.2	78.4





#62

4-Bromofluorobenzene

Concen: 46.958 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018369.D

Acq: 11 Sep 2020 18:30

Instrument :

MSVOA_X

ClientSampleId :

PB131535ZHE#02

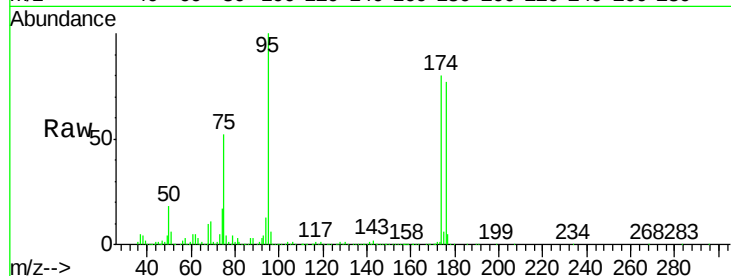
Tot Ion: 95 Resp: 338258

Ion Ratio Lower Upper

95 100

174 80.4 0.0 160.2

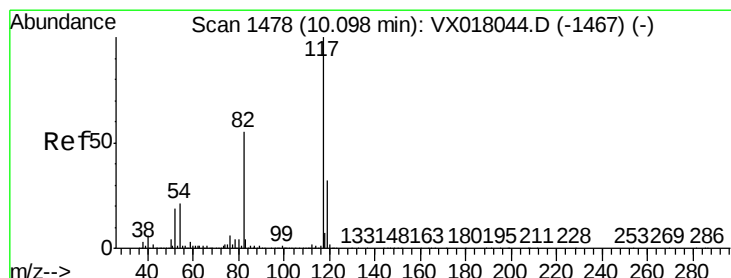
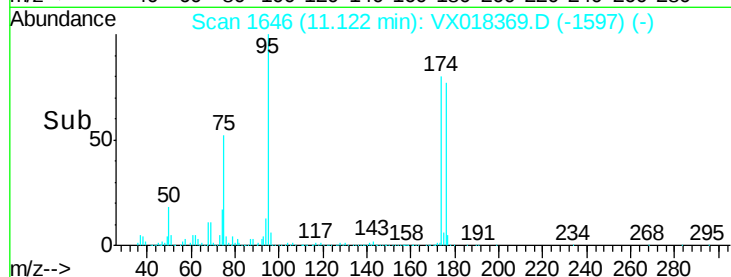
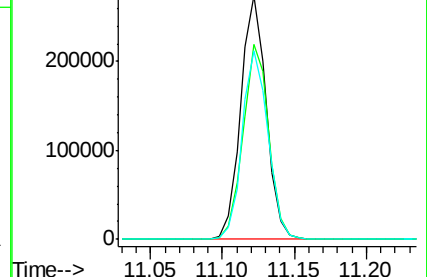
176 78.1 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX018044.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018044.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018044.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018369.D

Acq: 11 Sep 2020 18:30

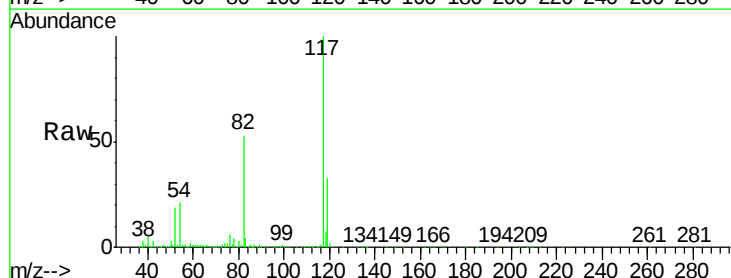
Tgt Ion: 117 Resp: 719391

Ion Ratio Lower Upper

117 100

82 53.3 44.2 66.2

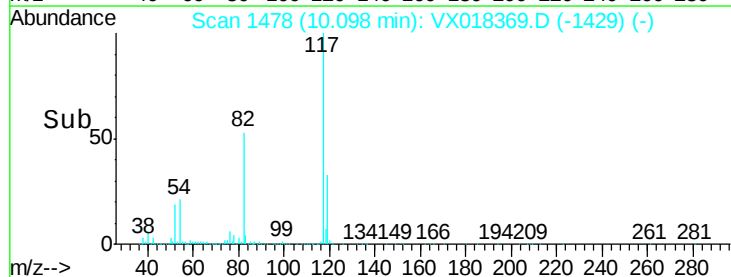
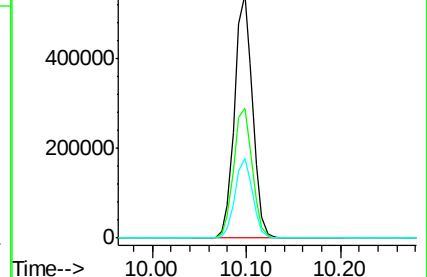
119 32.8 25.7 38.5

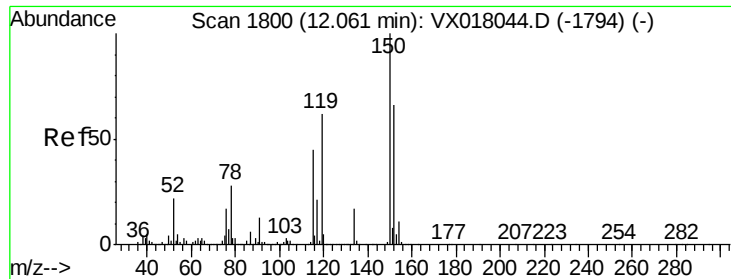


Abundance Ion 116.90 (116.60 to 117.60): VX018044.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX018044.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX018044.D (-1467) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018369.D

Acq: 11 Sep 2020 18:30

Instrument :

MSVOA_X

ClientSampleId :

PB131535ZHE#02

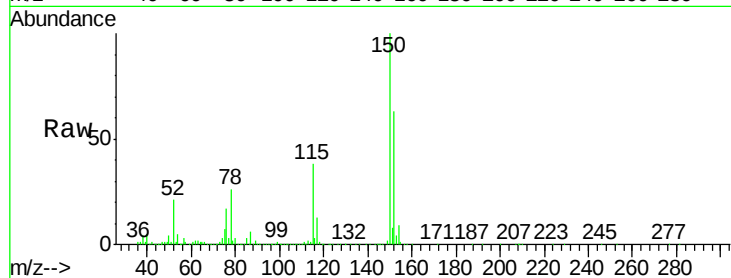
Tot Ion:152 Resp: 347254

Ion Ratio Lower Upper

152 100

115 58.4 41.5 124.5

150 154.8 0.0 343.8



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

