

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040220\
 Data File : VX015480.D
 Acq On : 02 Apr 2020 14:36
 Operator : JC/SP
 Sample : PB127948ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB127948ZHE#02

Quant Time: Apr 03 08:46:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

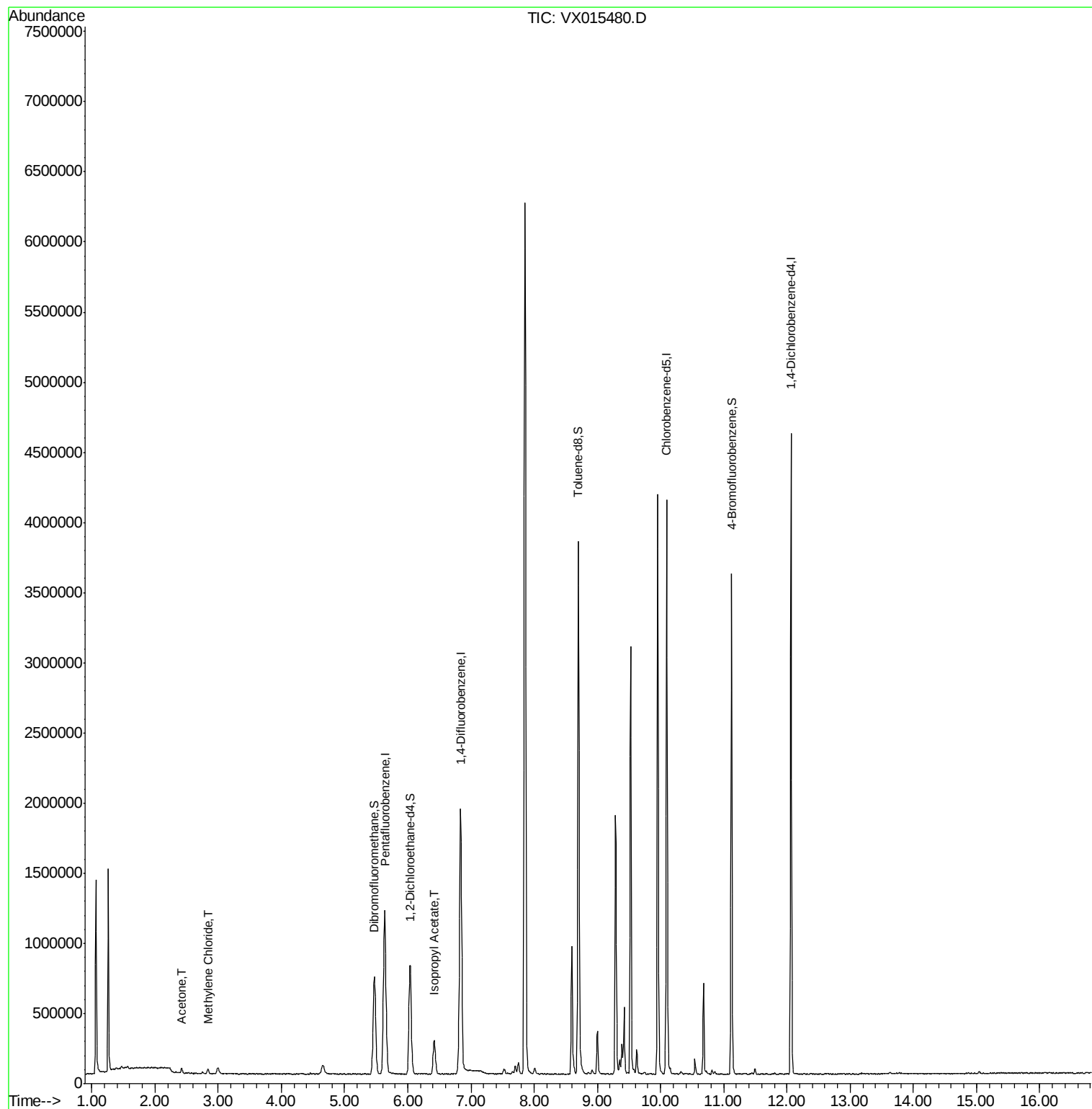
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1110509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1826084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1737523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	895058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	762115	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
35) Dibromofluoromethane	5.47	113	577272	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
50) Toluene-d8	8.70	98	2187251	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.12	95	948971	54.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.66%	
Target Compounds						
16) Acetone	2.42	43	43329	6.439	ug/l	100
20) Methylene Chloride	2.84	84	15279	1.216	ug/l	93
43) Isopropyl Acetate	6.42	43	359183	9.712	ug/l	99

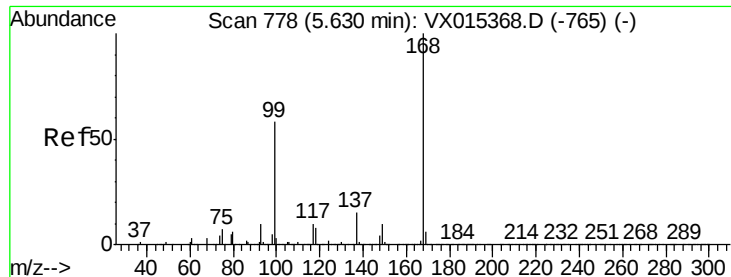
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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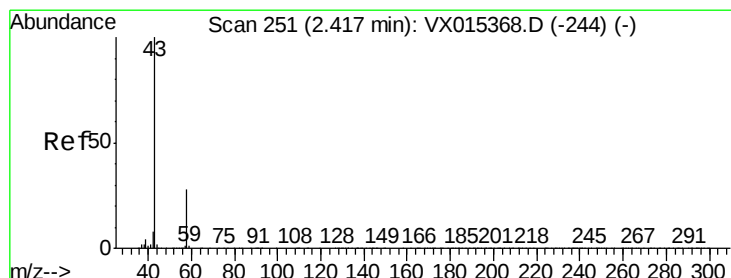
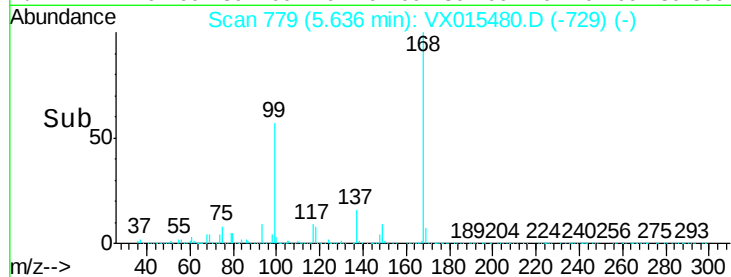
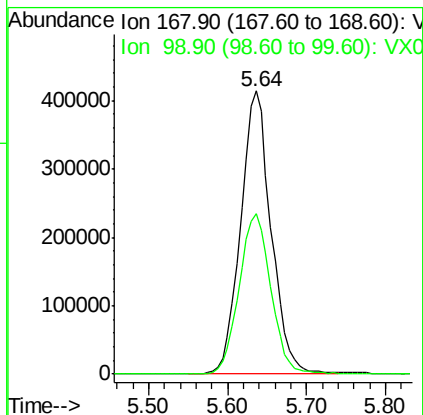
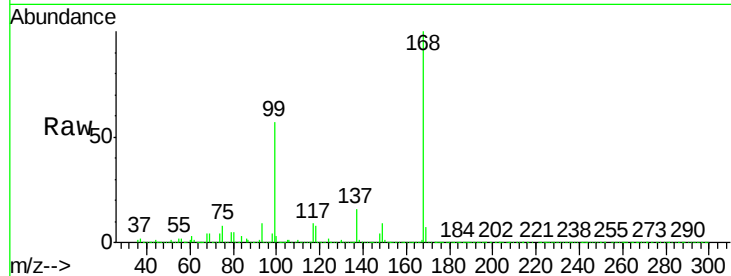


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015480.D
 Acq: 02 Apr 2020 14:36

Instrument :
 MSVOA_X
 ClientSampleId :
 PB127948ZHE#02

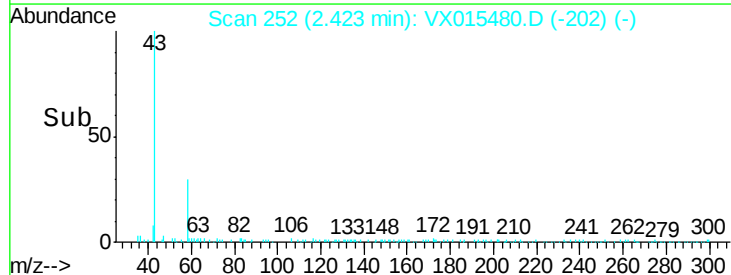
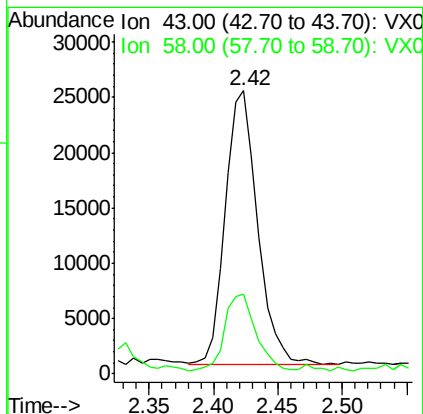
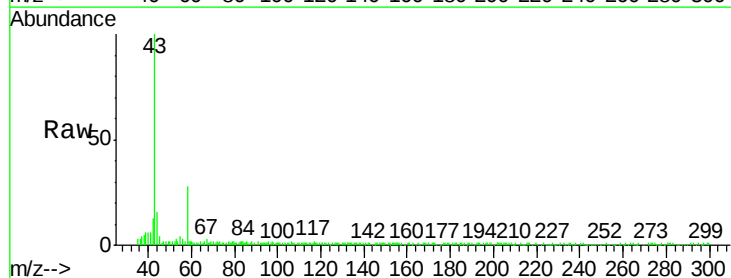
Tot Ion:168 Resp: 1110509
 Ion Ratio Lower Upper
 168 100
 99 56.5 46.4 69.6

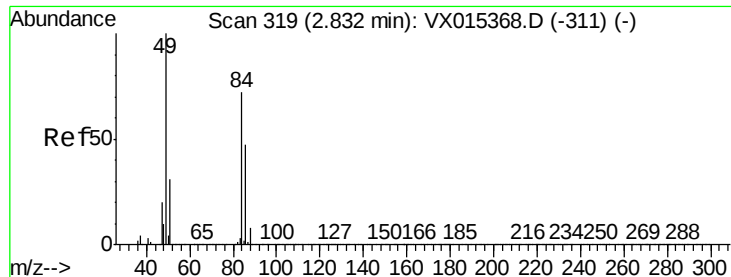


#16

Acetone
 Concen: 6.439 ug/l
 RT: 2.42 min Scan# 252
 Delta R.T. 0.01 min
 Lab File: VX015480.D
 Acq: 02 Apr 2020 14:36

Tgt Ion: 43 Resp: 43329
 Ion Ratio Lower Upper
 43 100
 58 27.8 22.1 33.1

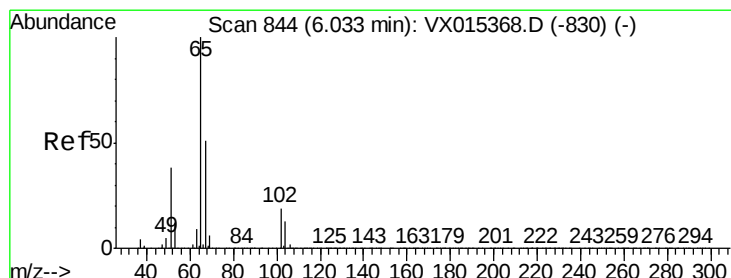
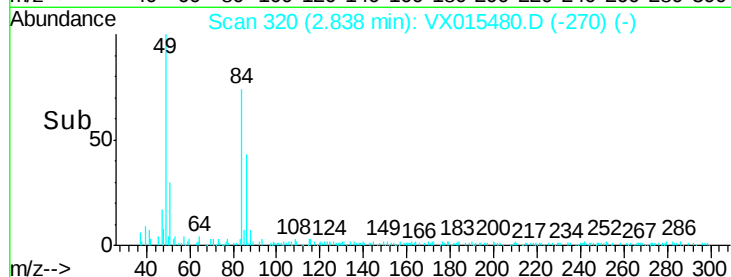
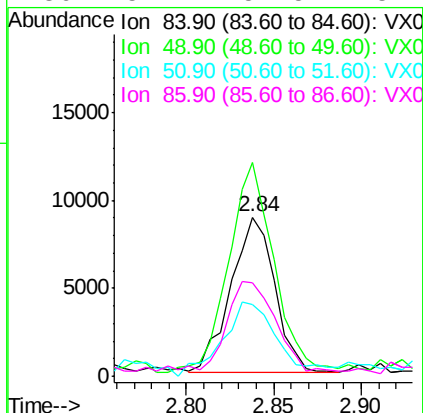
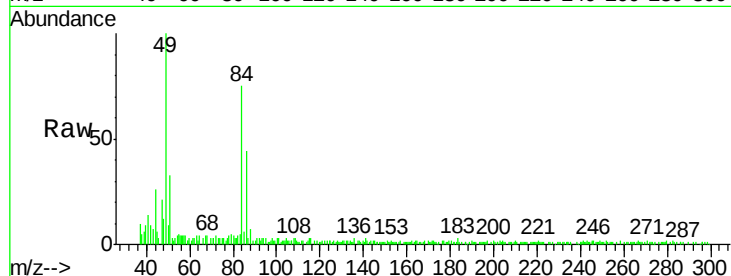




#20
Methvlene Chloride
Concen: 1.216 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015480.D
Acq: 02 Apr 2020 14:36

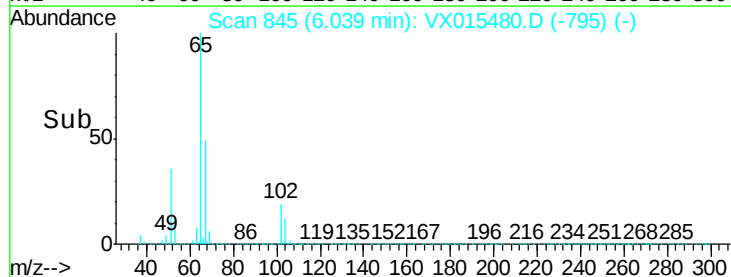
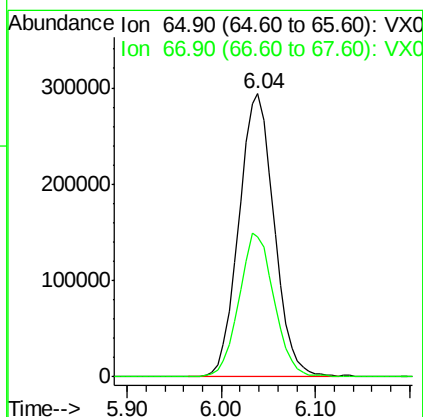
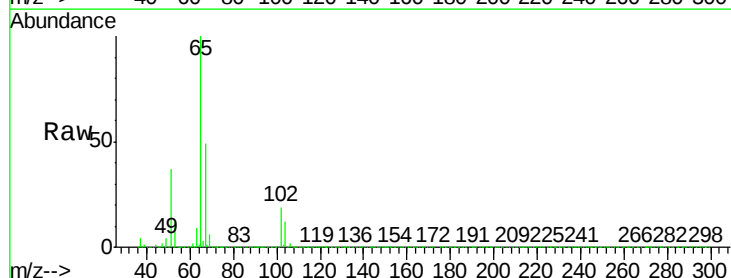
Instrument :
MSVOA_X
ClientSampleId :
PB127948ZHE#02

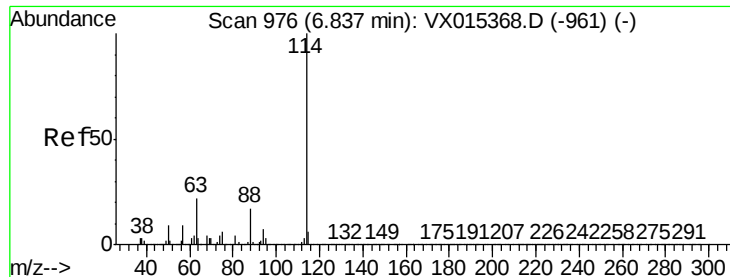
Tot Ion:	84	Resp:	15279
Ion	Ratio	Lower	Upper
84	100		
49	133.3	111.3	166.9
51	37.4	34.0	51.0
86	57.1	52.5	78.7



#33
1,2-Dichloroethane-d4
Concen: 48.659 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015480.D
Acq: 02 Apr 2020 14:36

Tgt Ion:	65	Resp:	762115
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015480.D

Acq: 02 Apr 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

PB127948ZHE#02

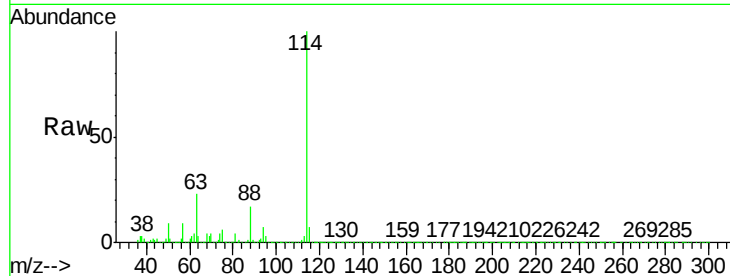
Tot Ion:114 Resp: 1826084

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.2

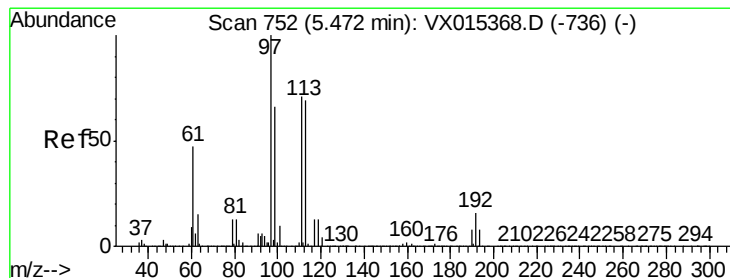
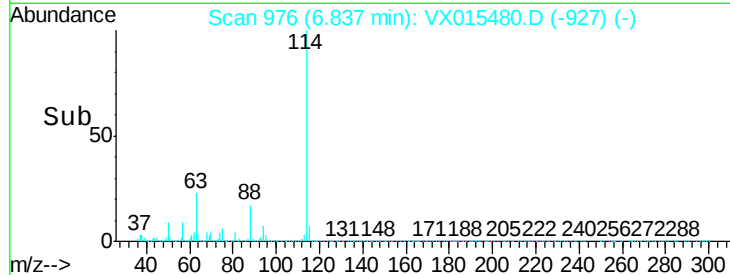
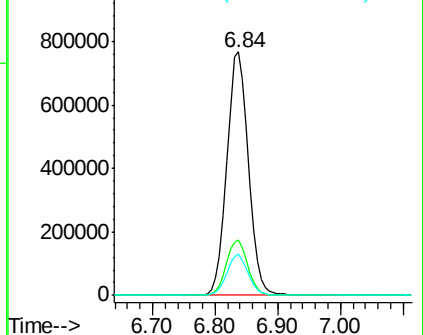
88 17.2 0.0 33.8



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: 49.454 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015480.D

Acq: 02 Apr 2020 14:36

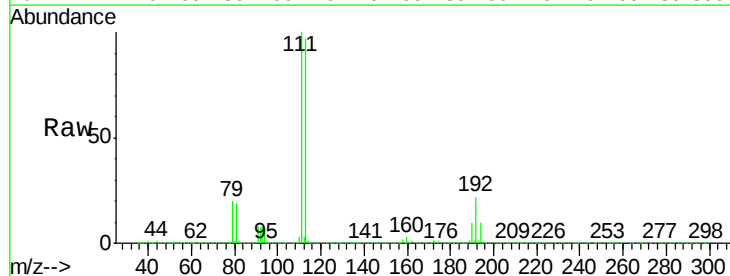
Tgt Ion:113 Resp: 577272

Ion Ratio Lower Upper

113 100

111 103.2 81.5 122.3

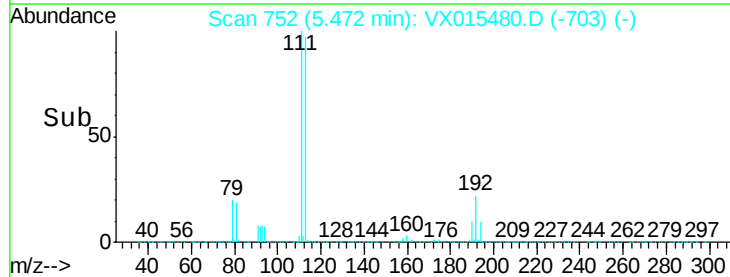
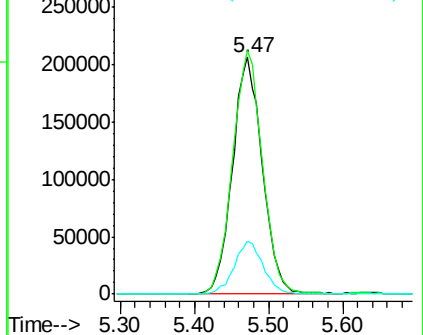
192 21.9 17.8 26.6

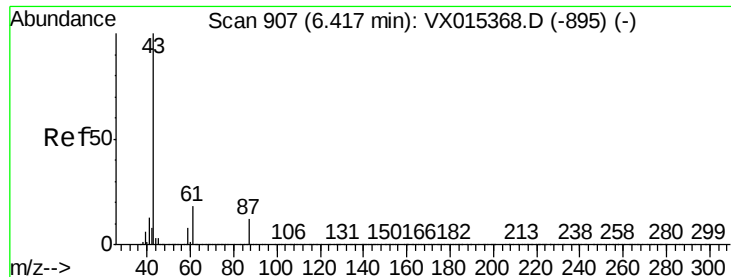


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.712 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015480.D

Acq: 02 Apr 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

PB127948ZHE#02

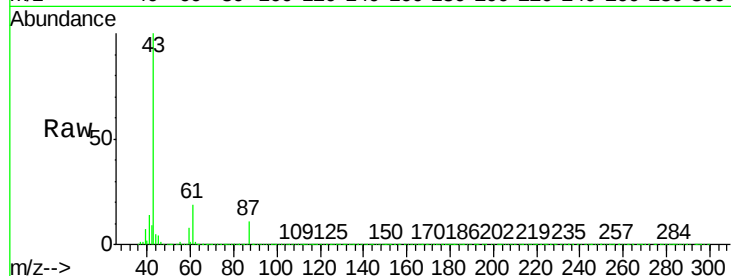
Tot Ion: 43 Resp: 359183

Ion Ratio Lower Upper

43 100

61 19.0 14.8 22.2

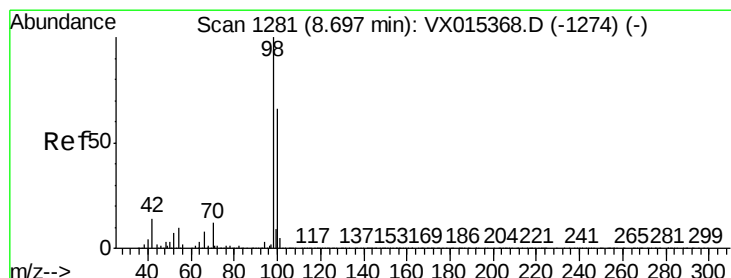
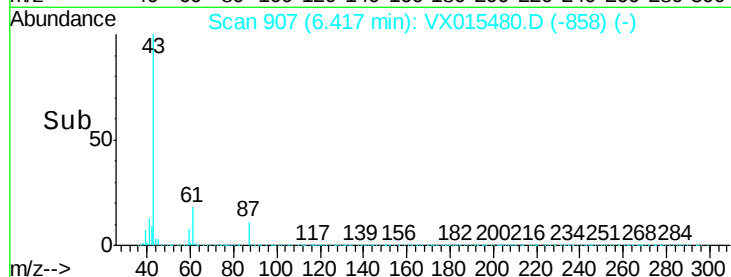
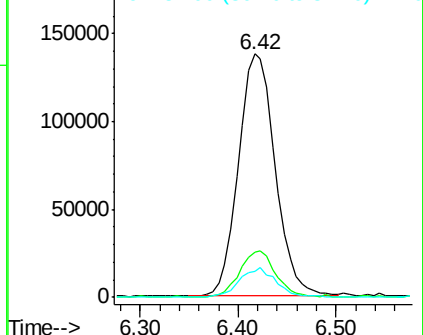
87 11.7 9.4 14.0



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: 50.894 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015480.D

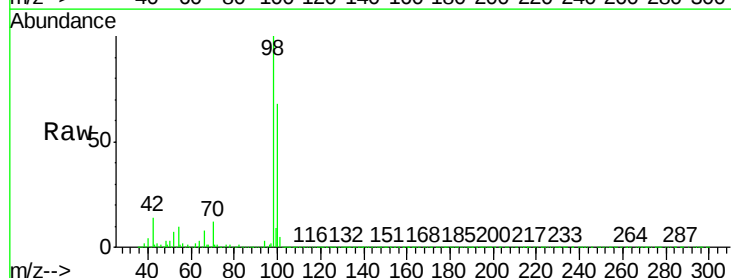
Acq: 02 Apr 2020 14:36

Tgt Ion: 98 Resp: 2187251

Ion Ratio Lower Upper

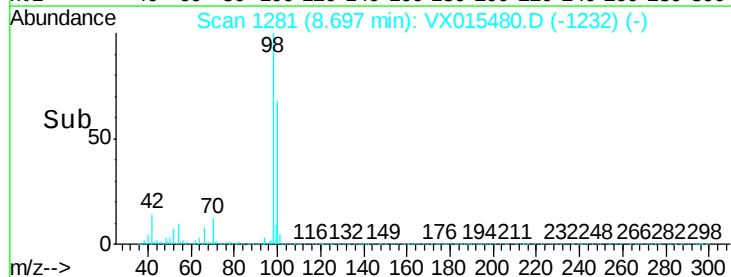
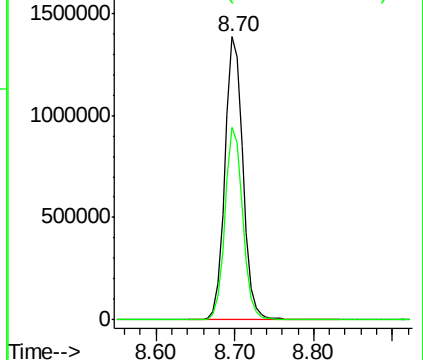
98 100

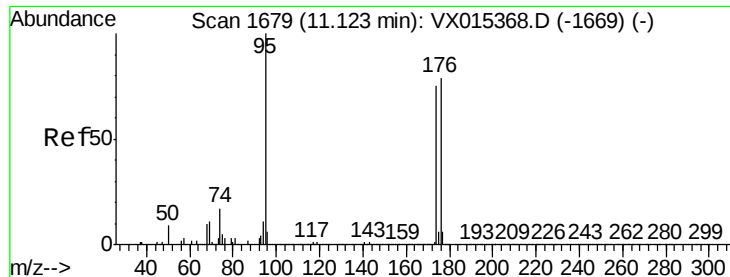
100 67.0 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.334 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015480.D

Acq: 02 Apr 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

PB127948ZHE#02

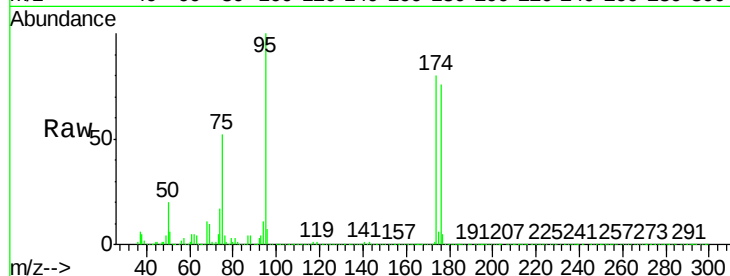
Tot Ion: 95 Resp: 948971

Ion Ratio Lower Upper

95 100

174 78.1 0.0 158.6

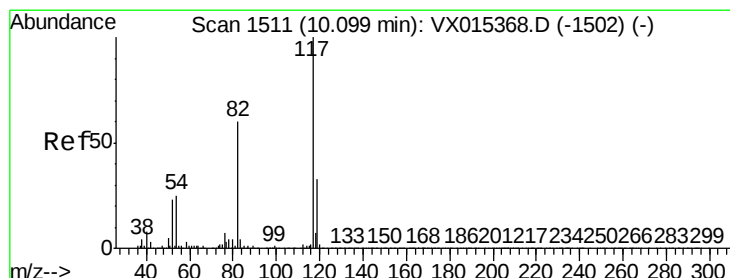
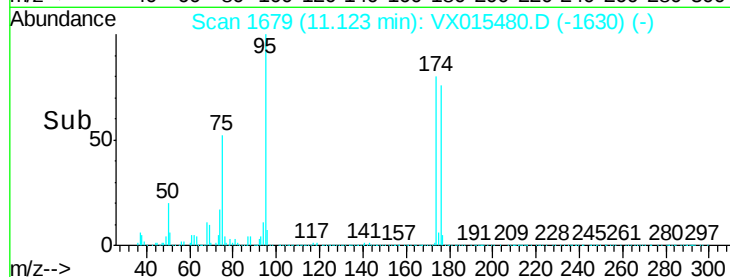
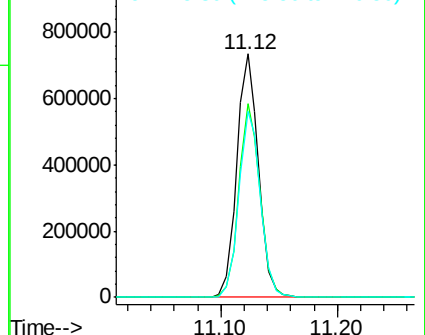
176 76.1 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015368.D (-1669) (-)

Ion 173.80 (173.50 to 174.50): VX015368.D (-1669) (-)

Ion 175.80 (175.50 to 176.50): VX015368.D (-1669) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015480.D

Acq: 02 Apr 2020 14:36

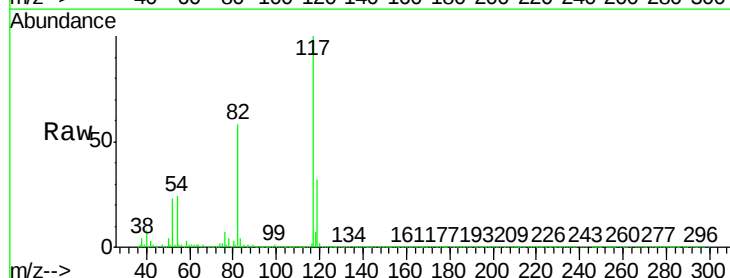
Tgt Ion: 117 Resp: 1737523

Ion Ratio Lower Upper

117 100

82 58.3 47.8 71.8

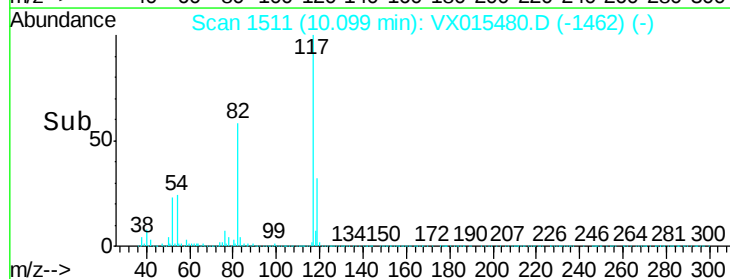
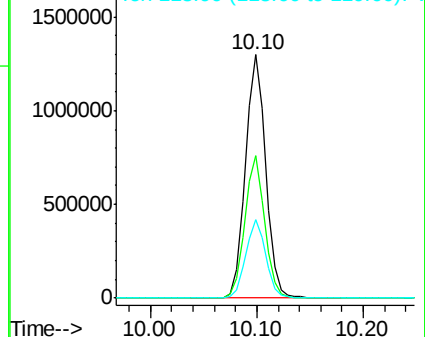
119 32.1 26.8 40.2

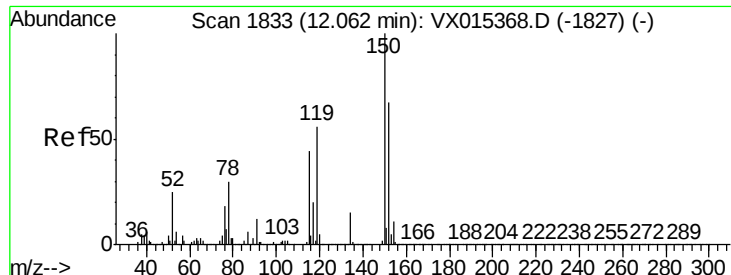


Abundance Ion 116.90 (116.60 to 117.60): VX015368.D (-1502) (-)

Ion 82.00 (81.70 to 82.70): VX015368.D (-1502) (-)

Ion 118.90 (118.60 to 119.60): VX015368.D (-1502) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015480.D

Acq: 02 Apr 2020 14:36

Instrument :

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ClientSampleId :

PB127948ZHE#02

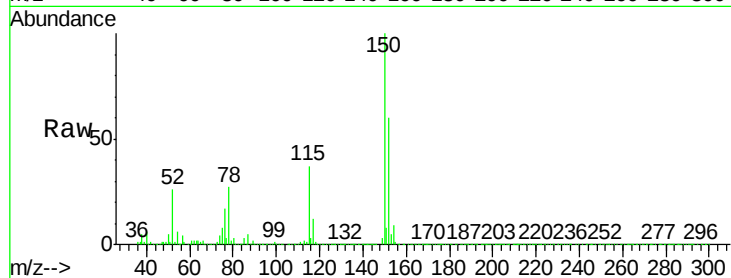
Tot Ion:152 Resp: 895058

Ion Ratio Lower Upper

152 100

115 61.3 39.0 116.9

150 160.9 0.0 340.8



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

