

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040220\
 Data File : VX015488.D
 Acq On : 02 Apr 2020 17:37
 Operator : JC/SP
 Sample : PB127948ZHE#10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB127948ZHE#10

Quant Time: Apr 03 09:13:38 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

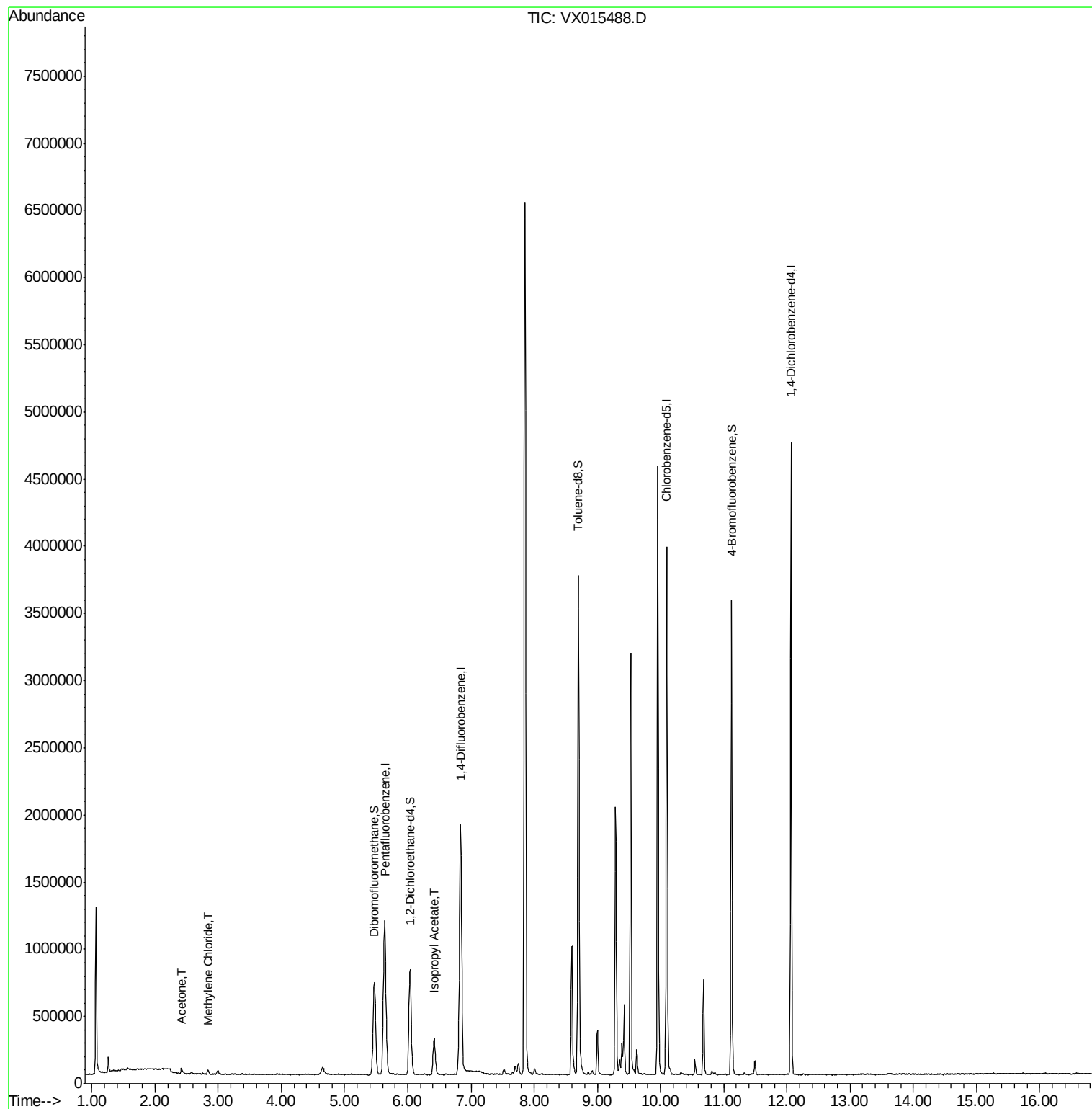
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1111842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1827836	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1725925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	922065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	757966	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
35) Dibromofluoromethane	5.47	113	581331	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	8.70	98	2184687	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.12	95	944535	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
Target Compounds						
16) Acetone	2.42	43	49432	7.337	ug/l	95
20) Methylene Chloride	2.83	84	16032	1.274	ug/l	96
43) Isopropyl Acetate	6.42	43	394669	10.662	ug/l	98

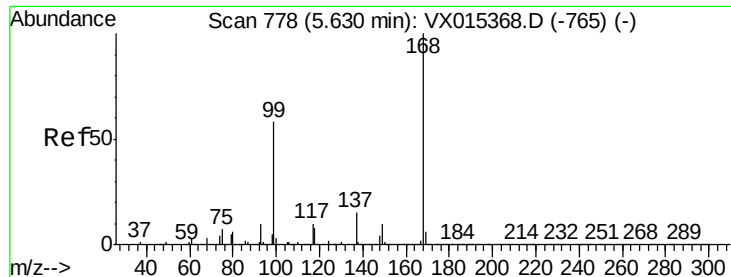
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015488.D

Acq: 02 Apr 2020 17:37

Instrument :

MSVOA_X

ClientSampleId :

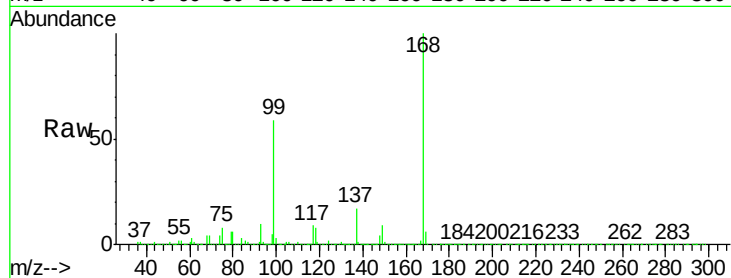
PB127948ZHE#10

Tot Ion:168 Resp: 1111842

Ion Ratio Lower Upper

168 100

99 58.8 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

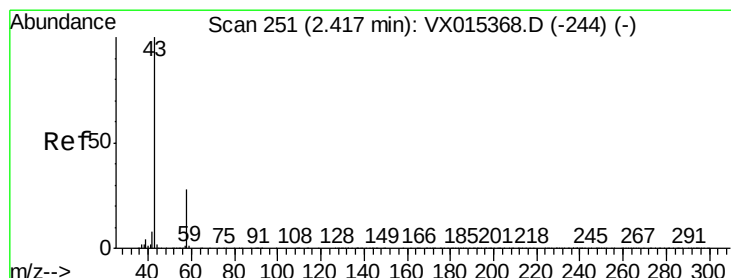
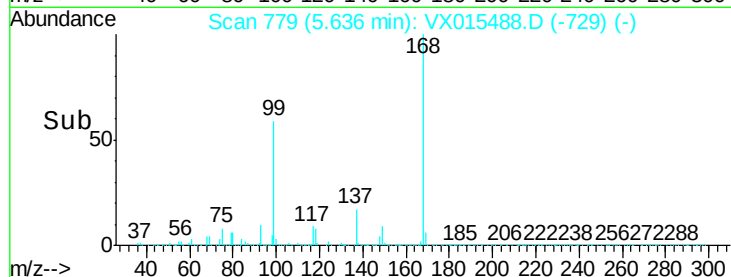
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 7.337 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015488.D

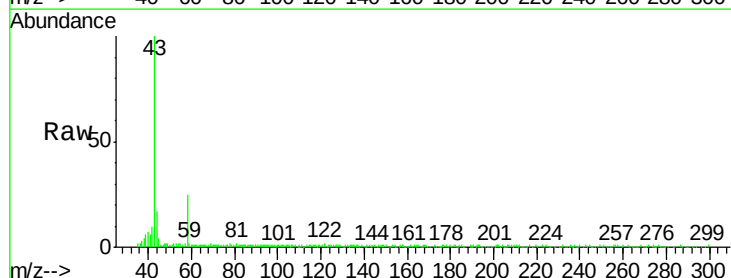
Acq: 02 Apr 2020 17:37

Tgt Ion: 43 Resp: 49432

Ion Ratio Lower Upper

43 100

58 24.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

30000

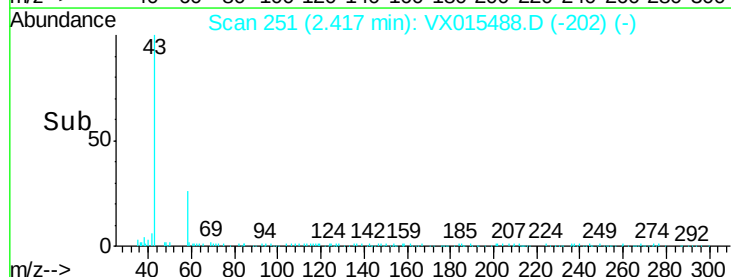
20000

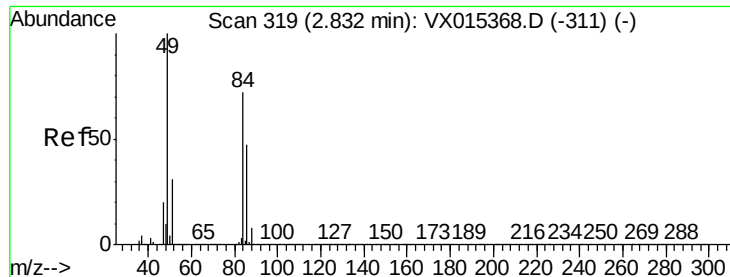
10000

0

2.35 2.40 2.45 2.50

Time-->

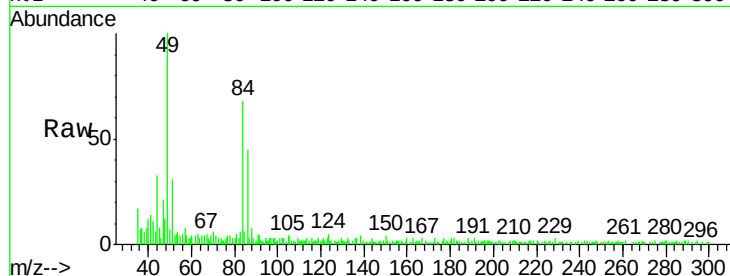




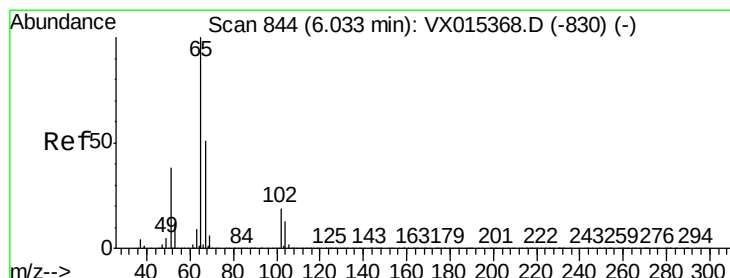
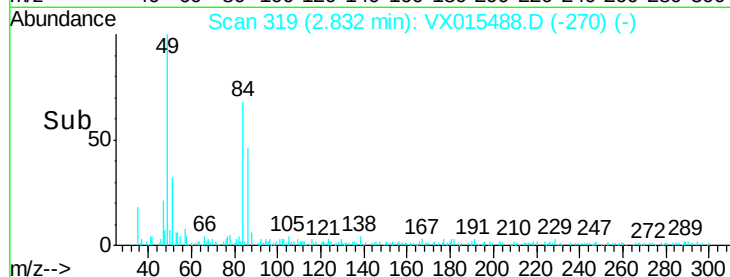
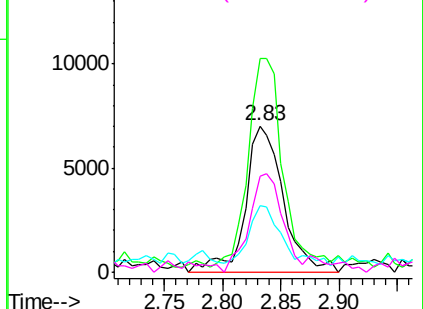
#20
Methylene Chloride
Concen: 1.274 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015488.D
Acq: 02 Apr 2020 17:37

Instrument :
MSVOA_X
ClientSampleId :
PB127948ZHE#10

Tot Ion:	84	Resp:	16032
Ion	Ratio	Lower	Upper
84	100		
49	141.1	111.3	166.9
51	37.2	34.0	51.0
86	59.9	52.5	78.7

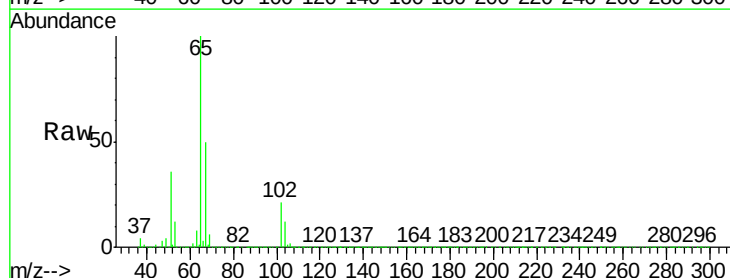


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

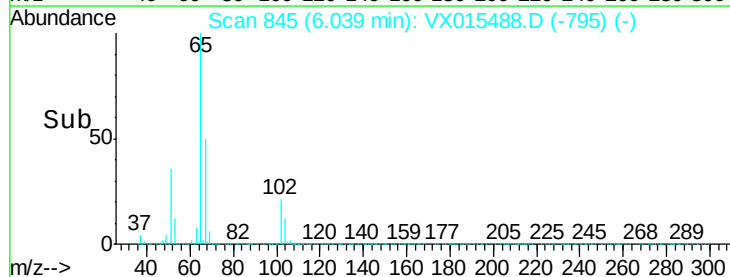
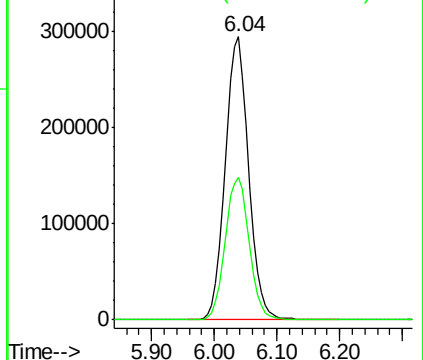


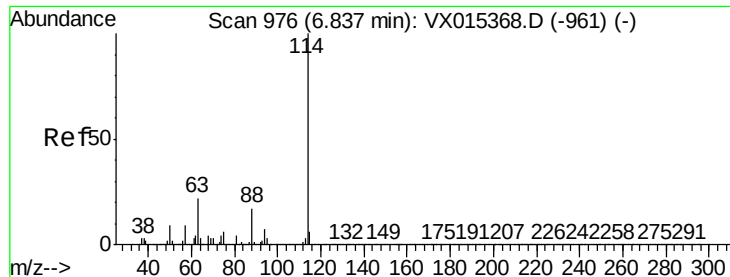
#33
1,2-Dichloroethane-d4
Concen: 48.336 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015488.D
Acq: 02 Apr 2020 17:37

Tgt Ion:	65	Resp:	757966
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.6



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: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015488.D

Acq: 02 Apr 2020 17:37

Instrument :

MSVOA_X

ClientSampleId :

PB127948ZHE#10

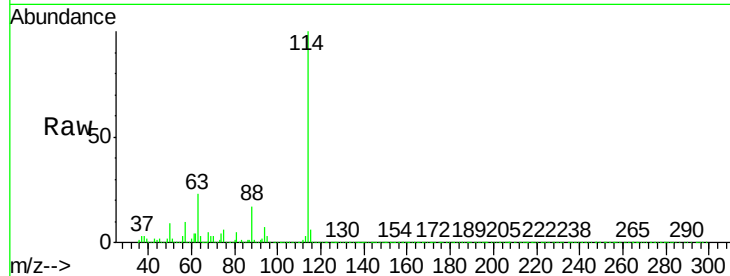
Tot Ion:114 Resp: 1827836

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.2

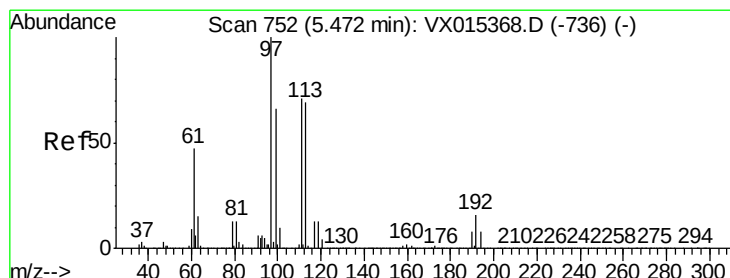
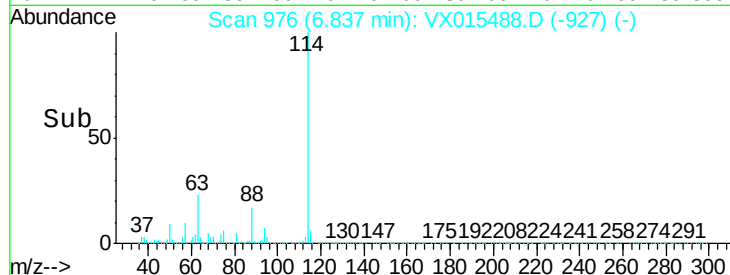
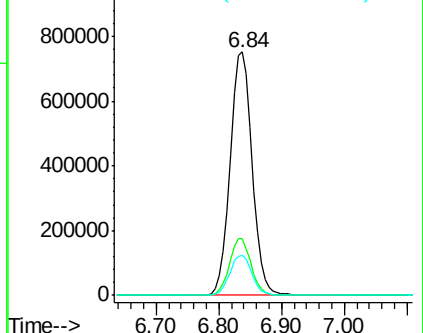
88 16.6 0.0 33.8



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: 49.754 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015488.D

Acq: 02 Apr 2020 17:37

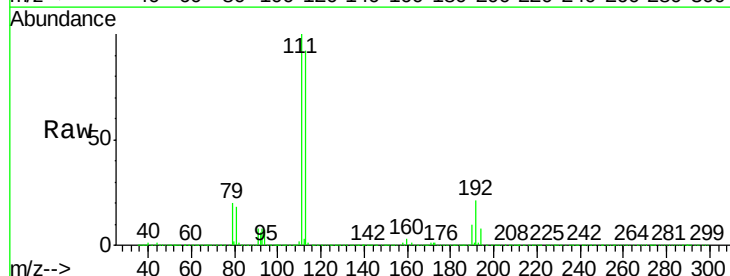
Tgt Ion:113 Resp: 581331

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

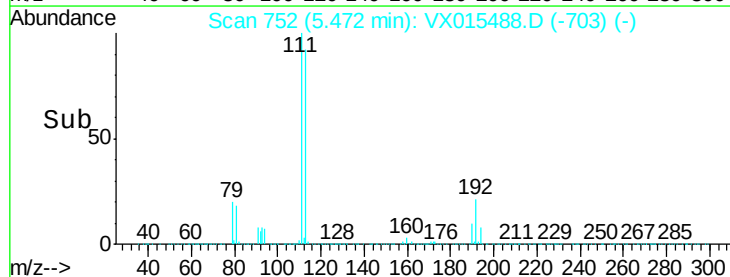
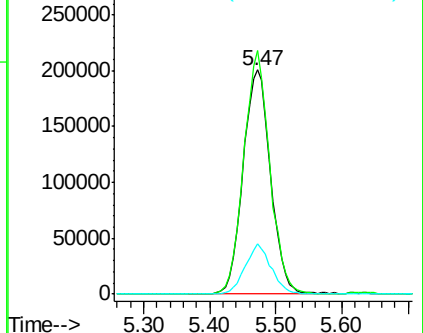
192 21.1 17.8 26.6

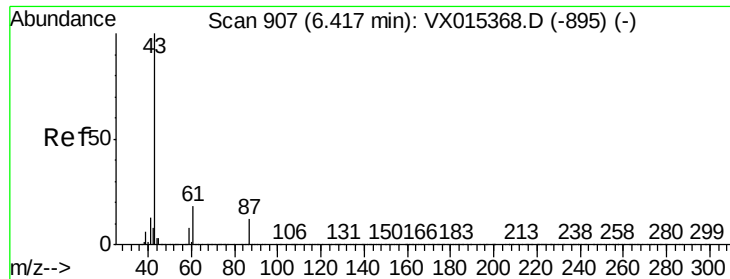


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.662 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015488.D

Acq: 02 Apr 2020 17:37

Instrument :

MSVOA_X

ClientSampleId :

PB127948ZHE#10

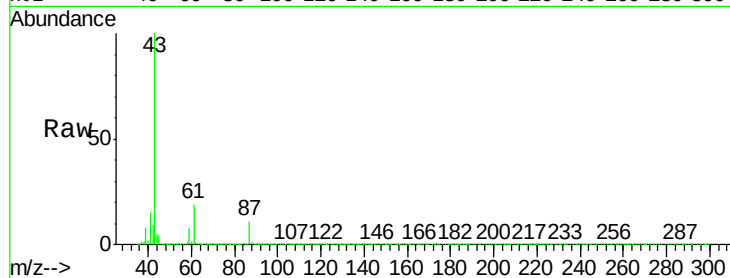
Tot Ion: 43 Resp: 394669

Ion Ratio Lower Upper

43 100

61 17.5 14.8 22.2

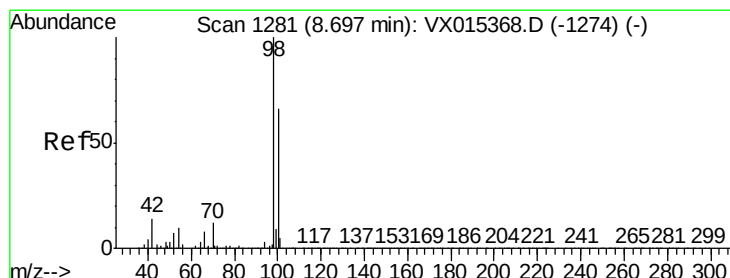
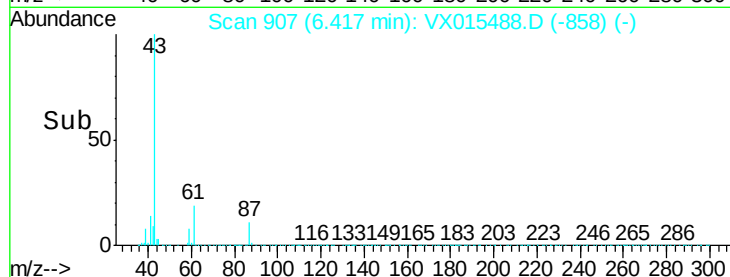
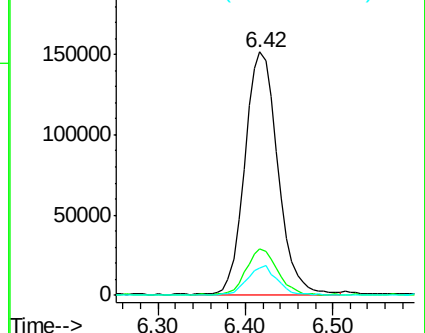
87 11.2 9.4 14.0



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: 50.786 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015488.D

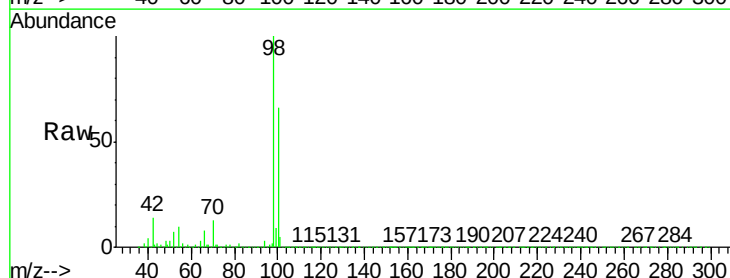
Acq: 02 Apr 2020 17:37

Tgt Ion: 98 Resp: 2184687

Ion Ratio Lower Upper

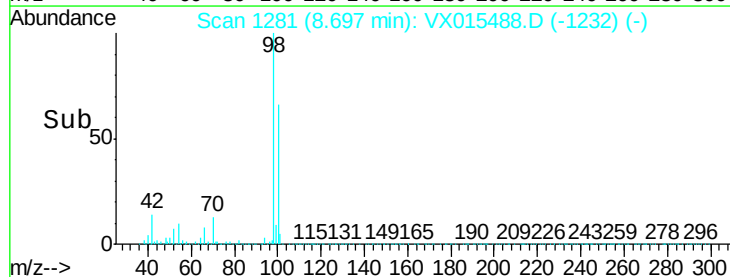
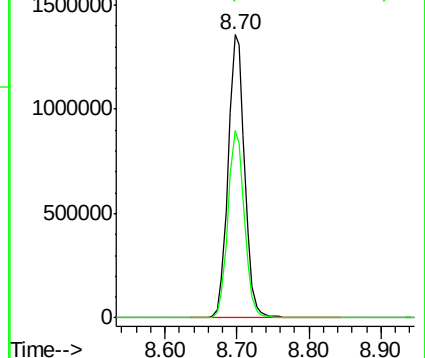
98 100

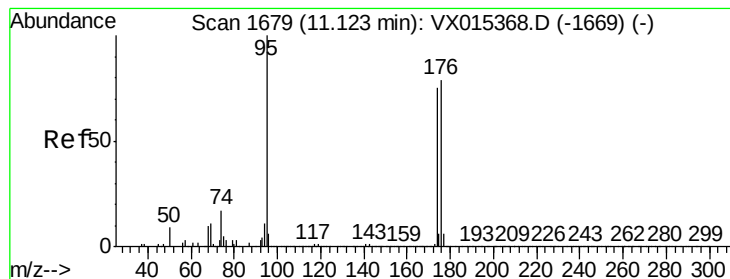
100 66.1 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.028 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015488.D

Acq: 02 Apr 2020 17:37

Instrument :

MSVOA_X

ClientSampleId :

PB127948ZHE#10

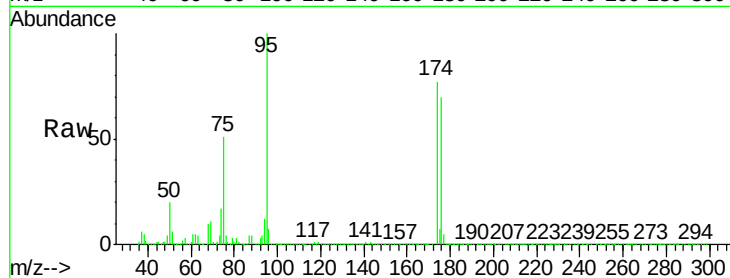
Tot Ion: 95 Resp: 944535

Ion Ratio Lower Upper

95 100

174 78.5 0.0 158.6

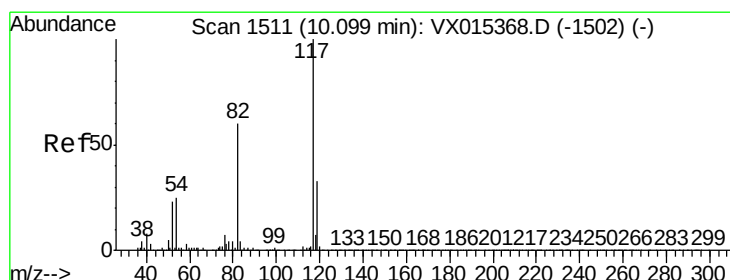
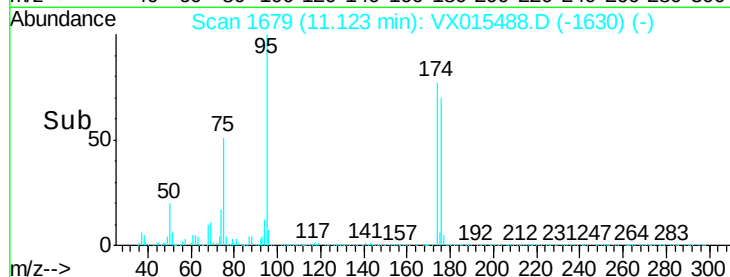
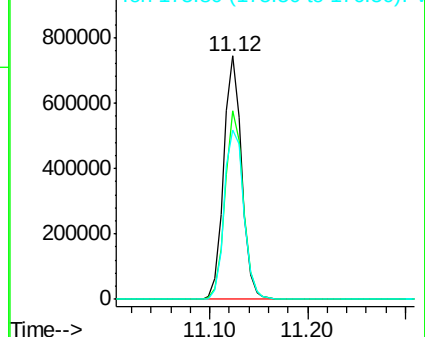
176 75.7 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015488.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015488.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015488.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015488.D

Acq: 02 Apr 2020 17:37

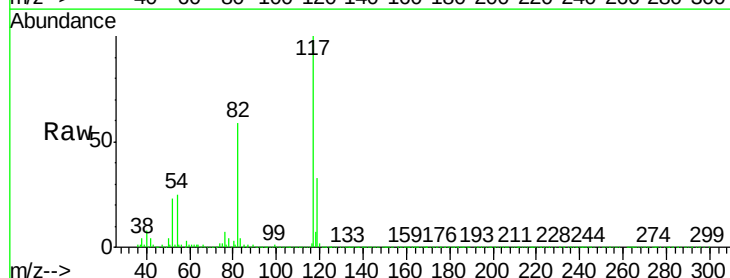
Tgt Ion: 117 Resp: 1725925

Ion Ratio Lower Upper

117 100

82 58.7 47.8 71.8

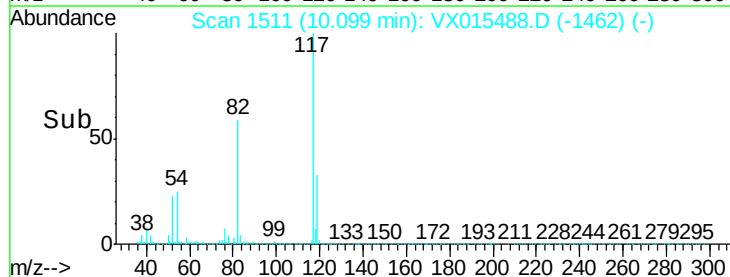
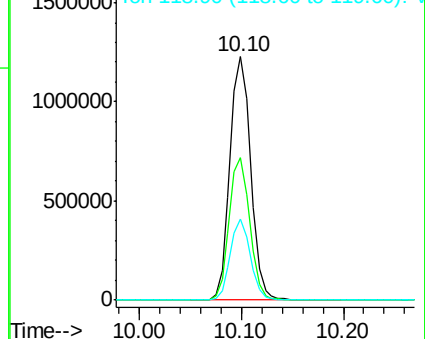
119 33.4 26.8 40.2

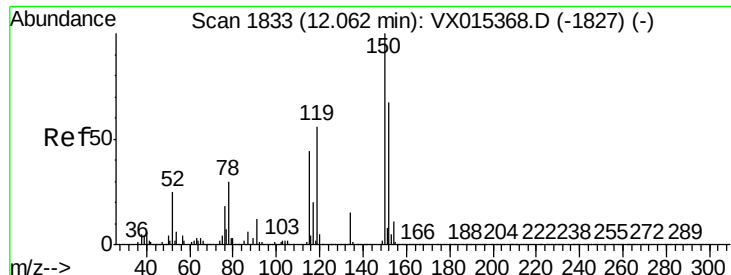


Abundance Ion 116.90 (116.60 to 117.60): VX015488.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015488.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015488.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015488.D

Acq: 02 Apr 2020 17:37

Instrument :

MSVOA_X

ClientSampleId :

PB127948ZHE#10

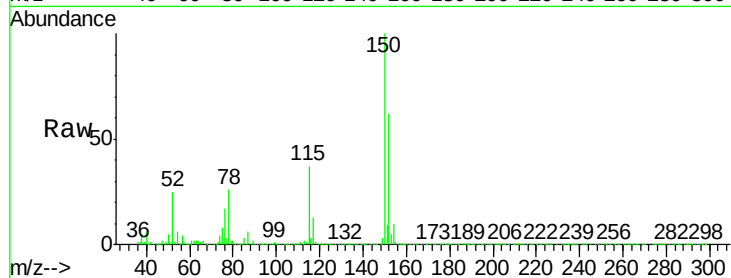
Tot Ion:152 Resp: 922065

Ion Ratio Lower Upper

152 100

115 59.7 39.0 116.9

150 157.4 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

