

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040220\
 Data File : VX015487.D
 Acq On : 02 Apr 2020 17:14
 Operator : JC/SP
 Sample : PB127948ZHE#09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB127948ZHE#09

Quant Time: Apr 03 09:10:33 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

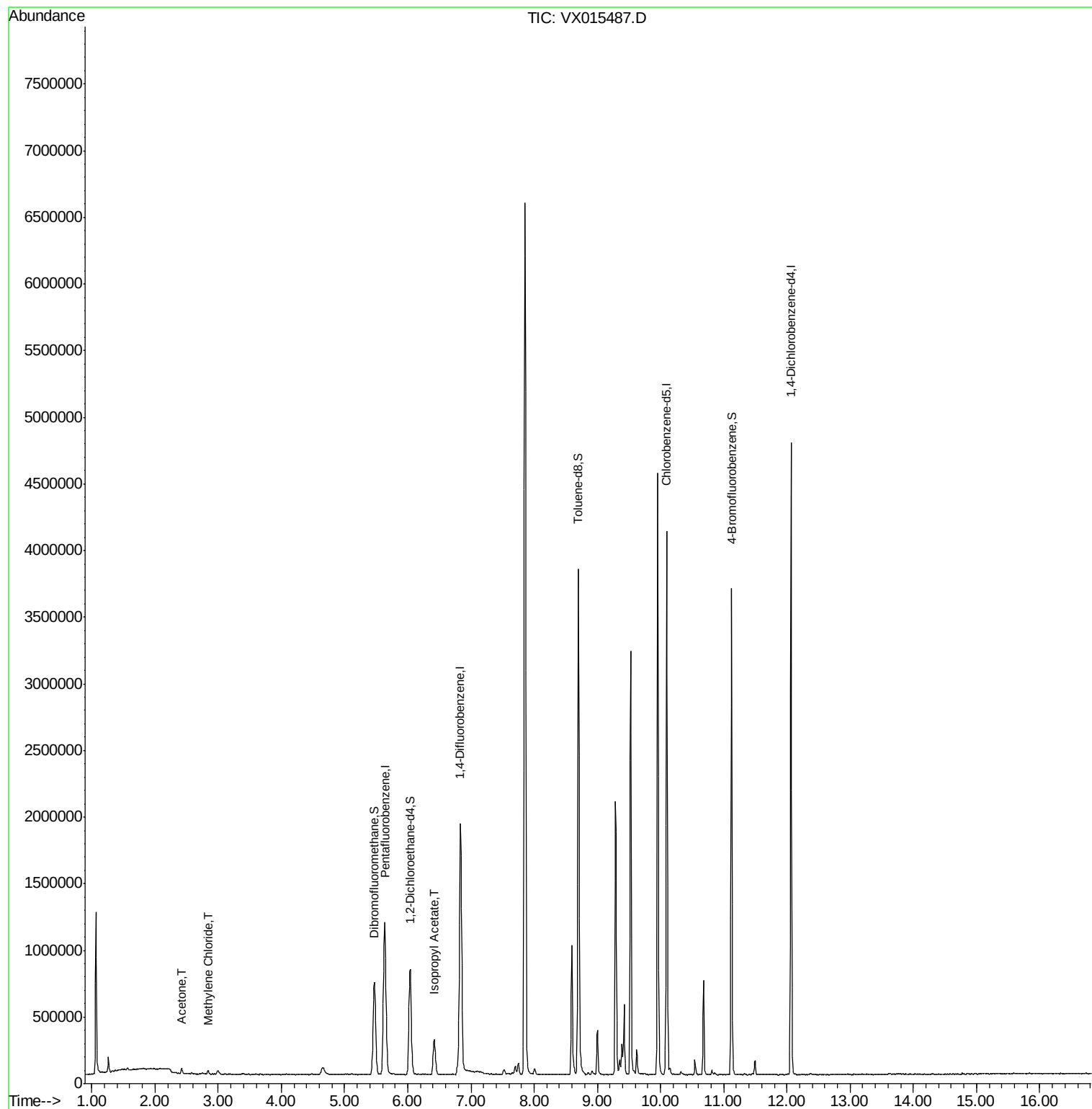
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1118099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1818656	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1743007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	940279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	769546	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
35) Dibromofluoromethane	5.47	113	578027	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
50) Toluene-d8	8.70	98	2208158	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
62) 4-Bromofluorobenzene	11.12	95	947964	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
Target Compounds						
16) Acetone	2.42	43	47337	6.987	ug/l	99
20) Methylene Chloride	2.84	84	14548	1.150	ug/l #	82
43) Isopropyl Acetate	6.42	43	388539	10.549	ug/l	99

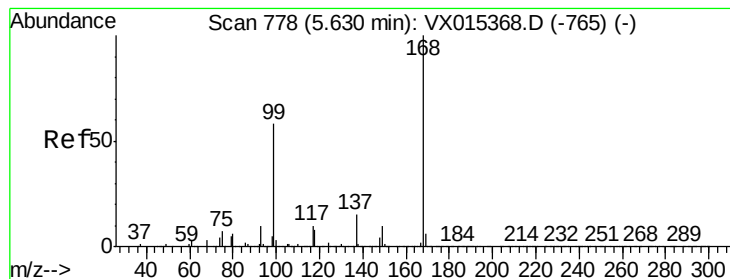
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015487.D

Acq: 02 Apr 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

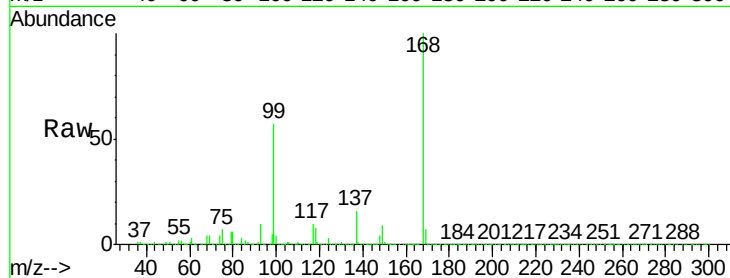
PB127948ZHE#09

Tot Ion:168 Resp: 1118099

Ion Ratio Lower Upper

168 100

99 56.8 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

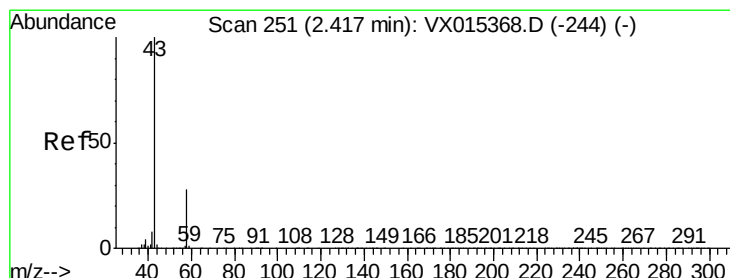
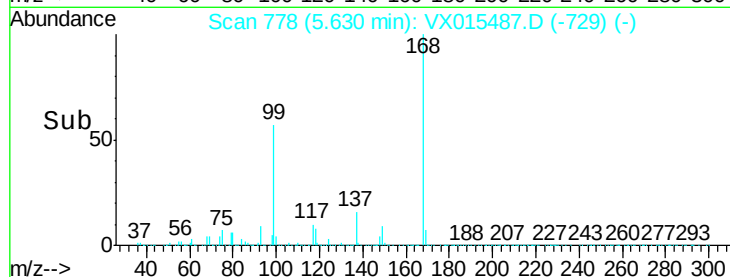
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.987 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015487.D

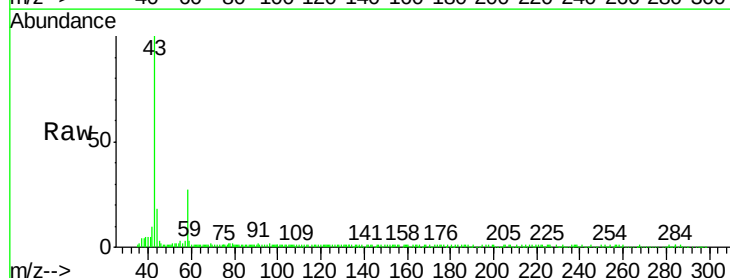
Acq: 02 Apr 2020 17:14

Tgt Ion: 43 Resp: 47337

Ion Ratio Lower Upper

43 100

58 26.9 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

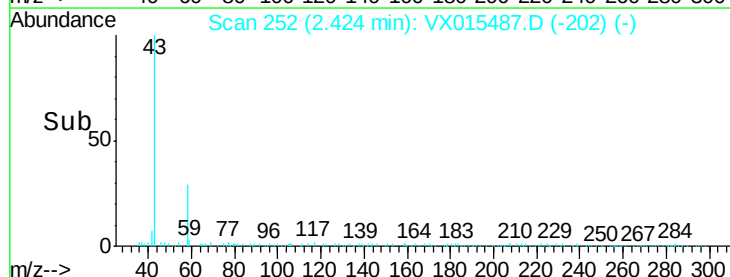
30000

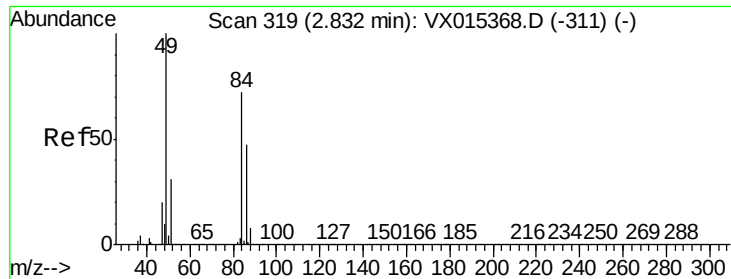
20000

10000

0

Time-->

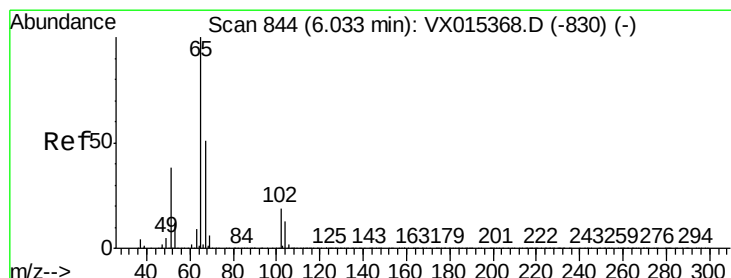
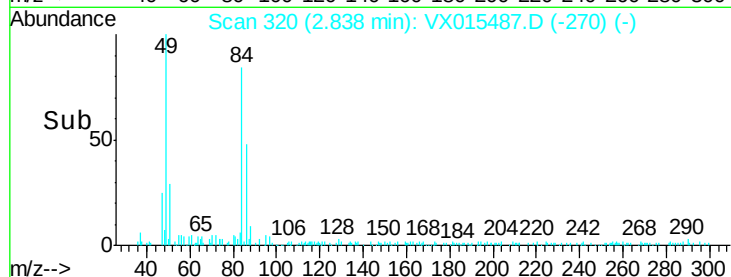
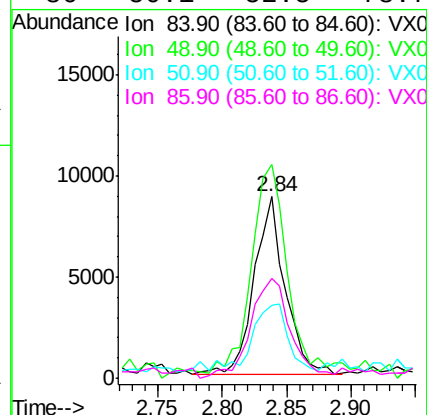
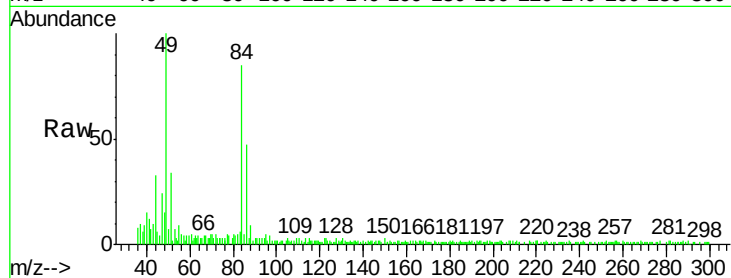




#20
Methylene Chloride
Concen: 1.150 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015487.D
Acq: 02 Apr 2020 17:14

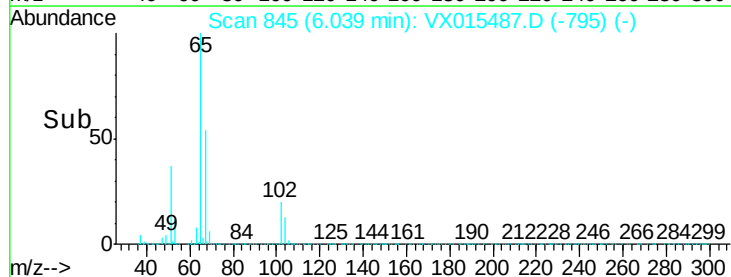
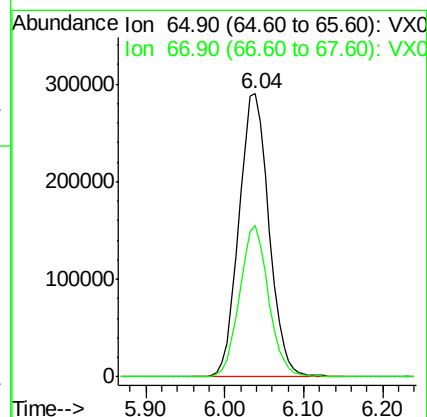
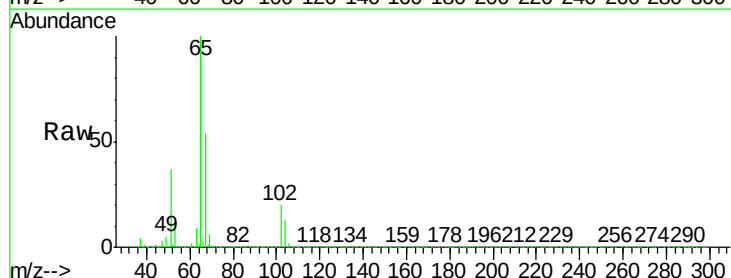
Instrument :
MSVOA_X
ClientSampleId :
PB127948ZHE#09

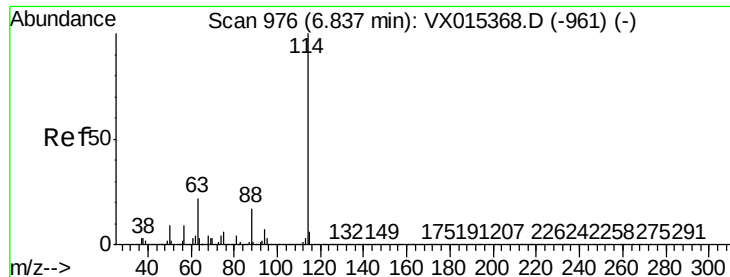
Tot Ion: 84 Resp: 14548
Ion Ratio Lower Upper
84 100
49 115.8 111.3 166.9
51 35.8 34.0 51.0
86 50.1 52.5 78.7#



#33
1,2-Dichloroethane-d4
Concen: 48.799 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015487.D
Acq: 02 Apr 2020 17:14

Tgt Ion: 65 Resp: 769546
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.6

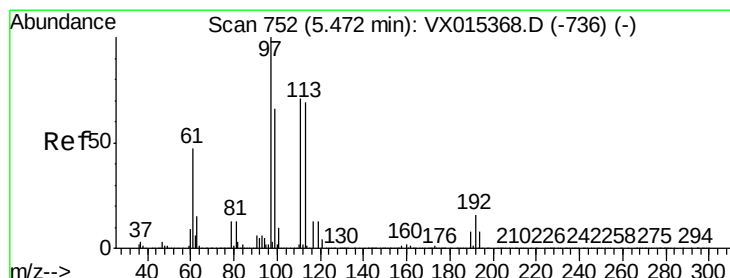
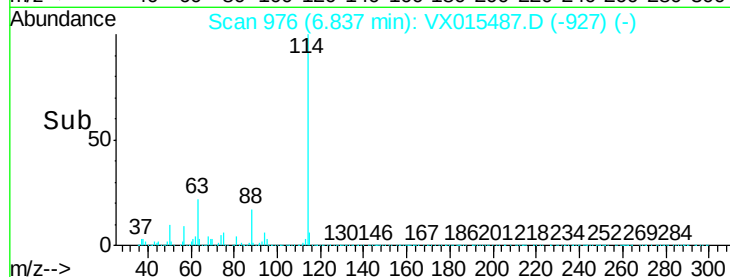
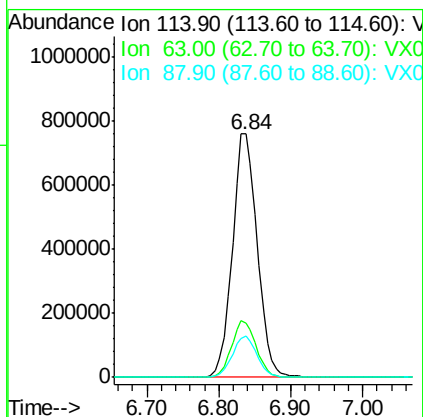
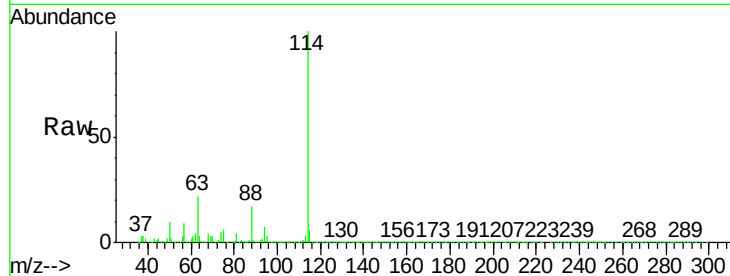




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015487.D
 Acq: 02 Apr 2020 17:14

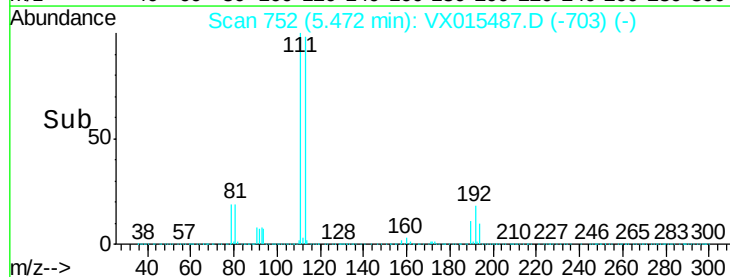
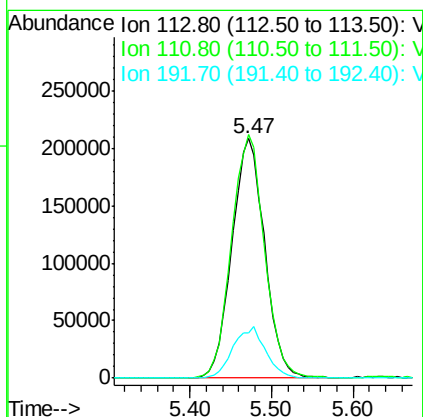
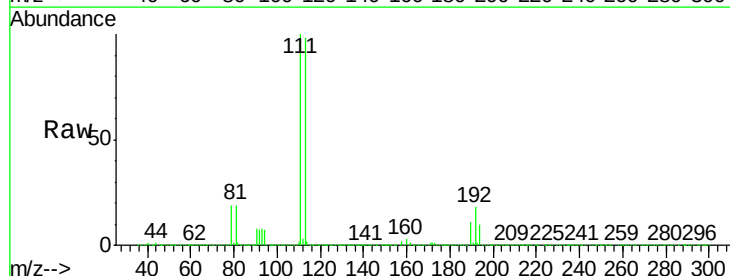
Instrument :
 MSVOA_X
 ClientSampleId :
 PB127948ZHE#09

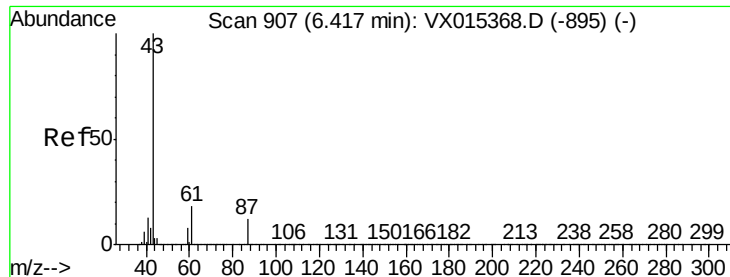
Tot Ion:114 Resp: 1818656
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.2
 88 17.1 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 49.721 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015487.D
 Acq: 02 Apr 2020 17:14

Tgt Ion:113 Resp: 578027
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.5 122.3
 192 21.2 17.8 26.6





#43

Isopropyl Acetate

Concen: 10.549 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015487.D

Acq: 02 Apr 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

PB127948ZHE#09

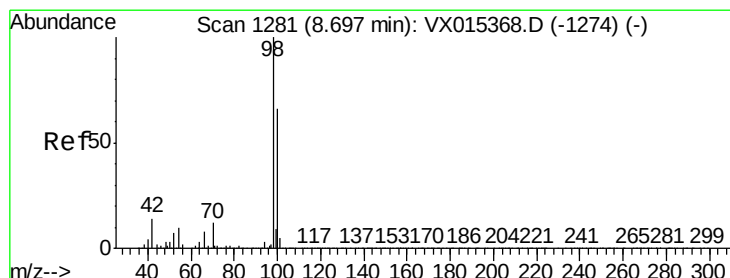
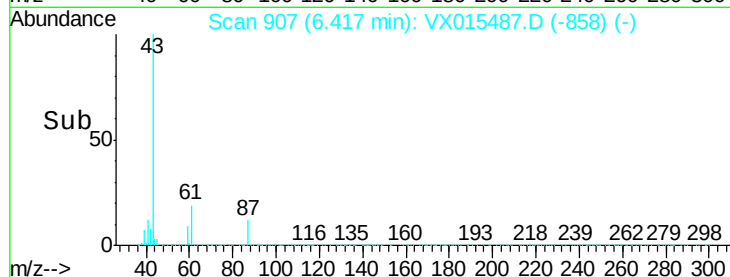
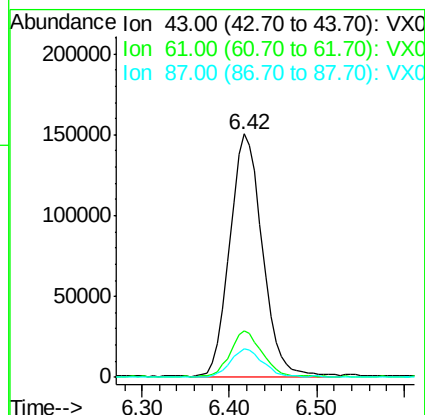
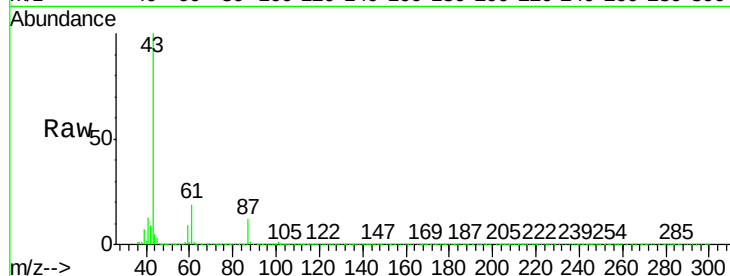
Tot Ion: 43 Resp: 388539

Ion Ratio Lower Upper

43 100

61 17.7 14.8 22.2

87 11.6 9.4 14.0



#50

Toluene-d8

Concen: 51.591 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015487.D

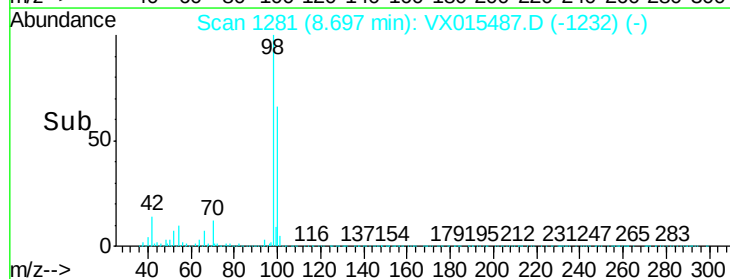
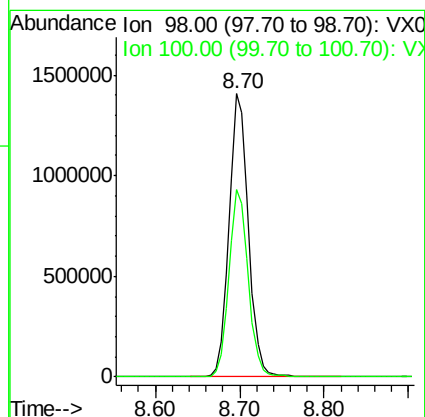
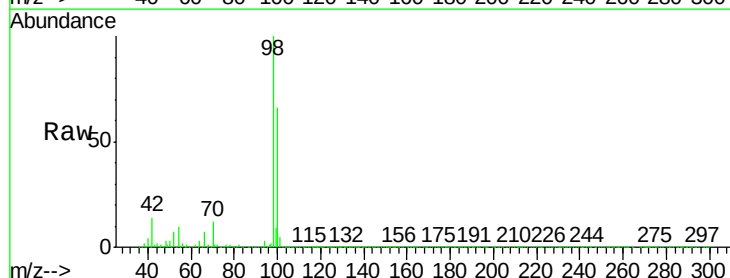
Acq: 02 Apr 2020 17:14

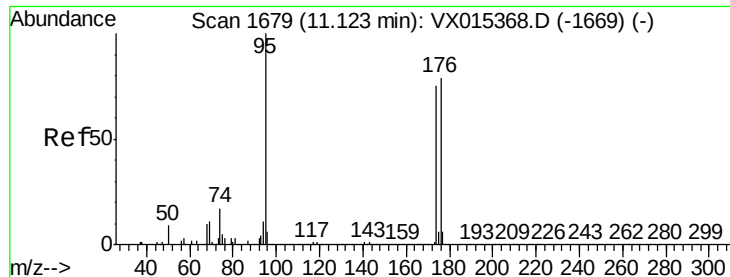
Tgt Ion: 98 Resp: 2208158

Ion Ratio Lower Upper

98 100

100 66.2 53.5 80.3

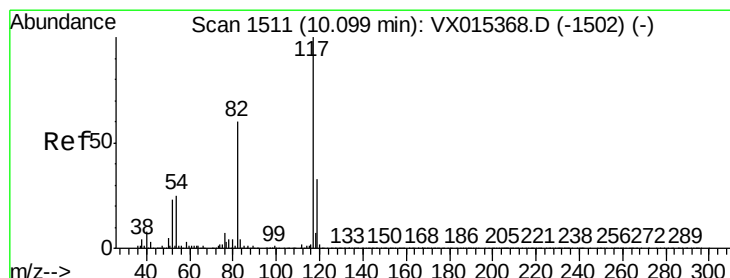
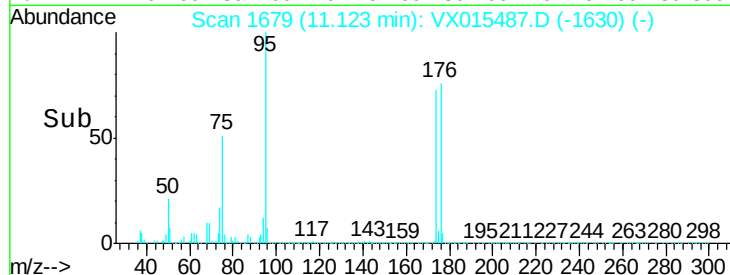
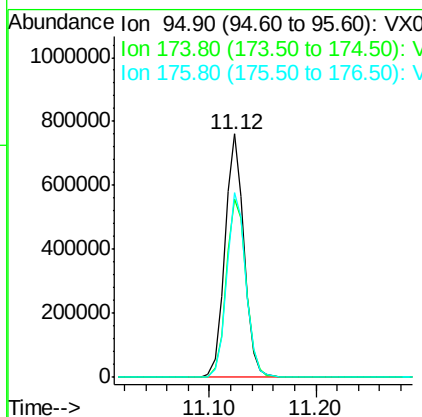
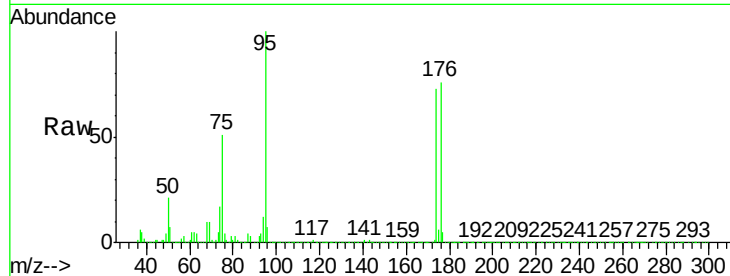




#62
4-Bromofluorobenzene
Concen: 54.498 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015487.D
Acq: 02 Apr 2020 17:14

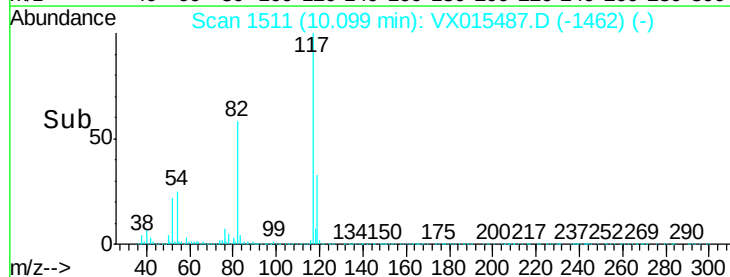
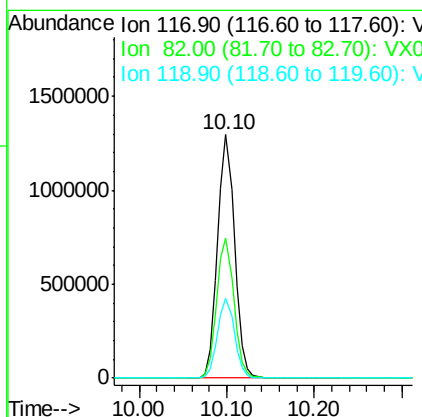
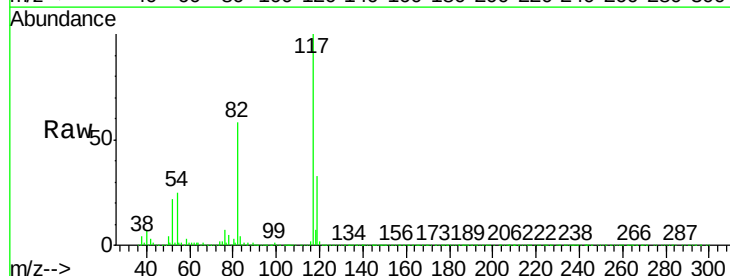
Instrument :
MSVOA_X
ClientSampleId :
PB127948ZHE#09

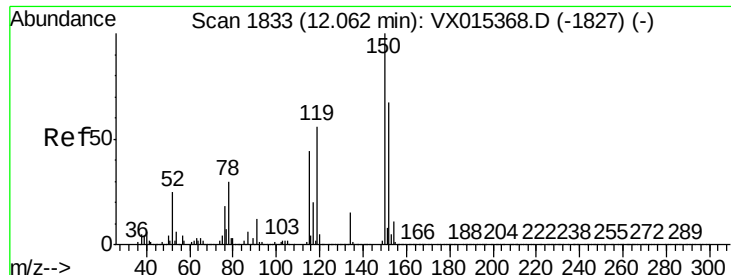
Tot Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	158.6
176	76.3	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015487.D
Acq: 02 Apr 2020 17:14

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.6	47.8	71.8
119	32.9	26.8	40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015487.D

Acq: 02 Apr 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

PB127948ZHE#09

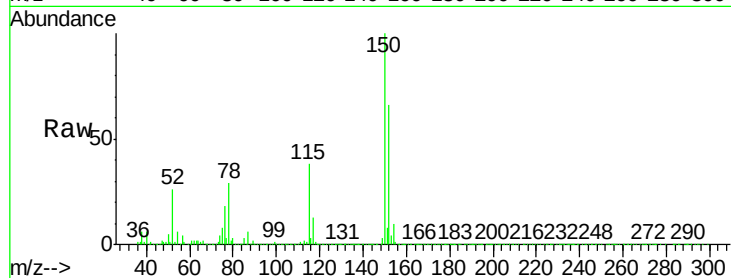
Tot Ion:152 Resp: 940279

Ion Ratio Lower Upper

152 100

115 57.5 39.0 116.9

150 156.1 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

