

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
 Data File : VX015910.D
 Acq On : 23 Apr 2020 23:26
 Operator : JC/SP
 Sample : L2120-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-02-042220

Quant Time: Apr 24 08:07:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

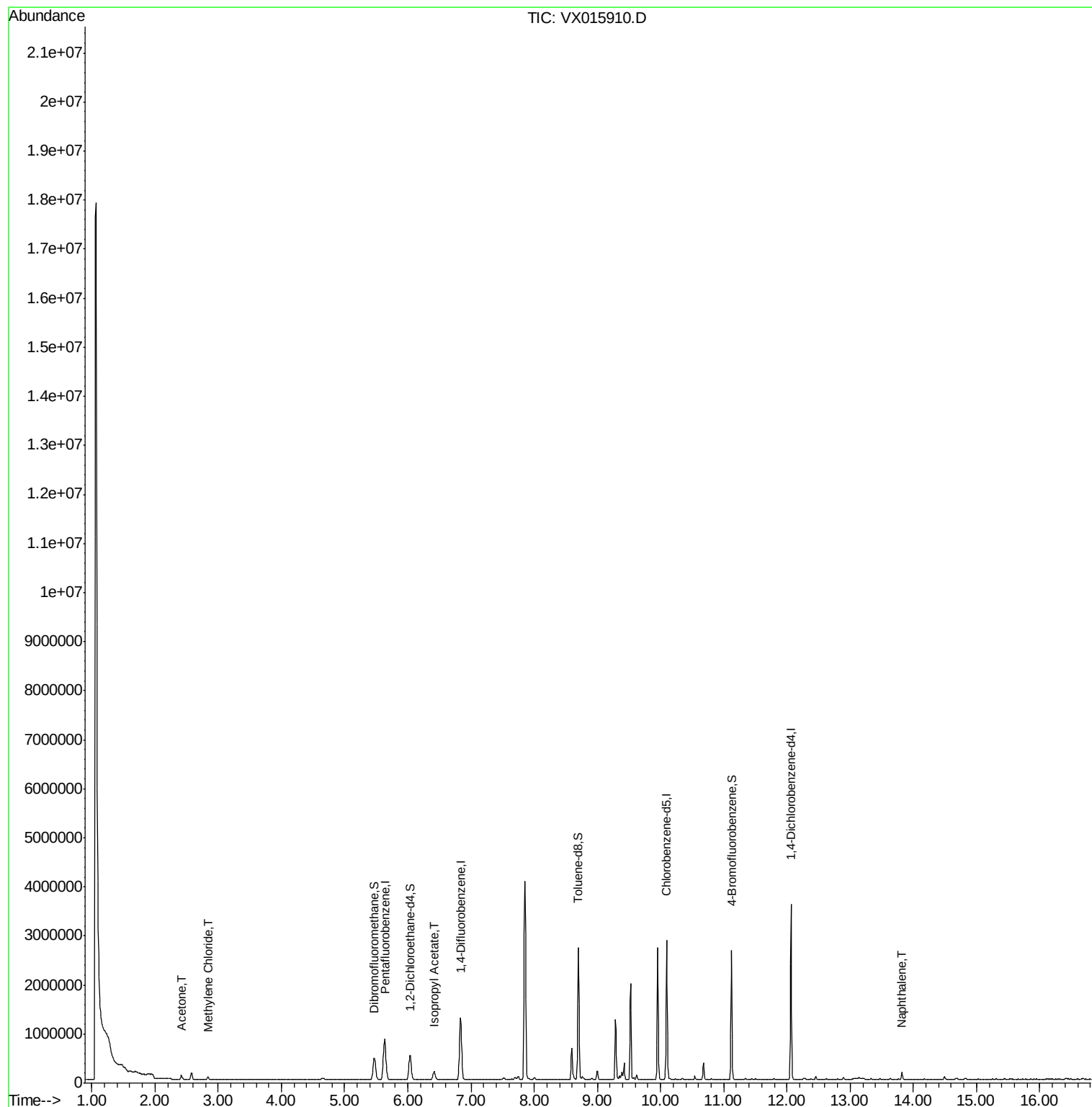
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	841635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1315049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1271640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	747732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	491347	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
35) Dibromofluoromethane	5.47	113	390436	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
50) Toluene-d8	8.70	98	1580973	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.12	95	682858	54.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.94%	
Target Compounds						
16) Acetone	2.42	43	97936	23.497	ug/l	95
20) Methylene Chloride	2.84	84	21944	2.593	ug/l	97
43) Isopropyl Acetate	6.41	43	251124	10.730	ug/l	99
95) Naphthalene	13.82	128	90434	1.766	ug/l	96

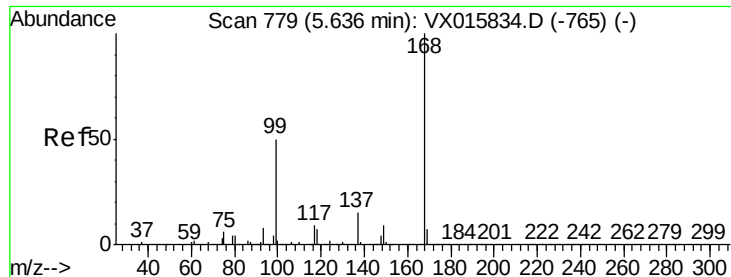
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015910.D

Acq: 23 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

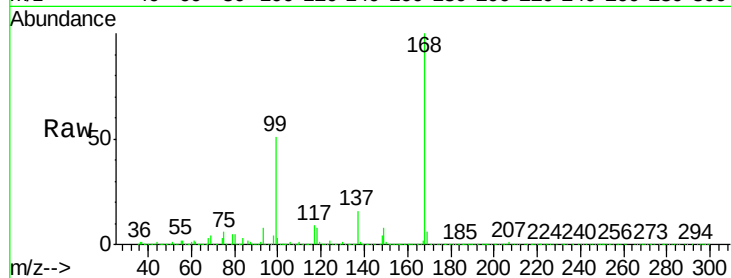
OR-02-042220

Tot Ion:168 Resp: 841635

Ion Ratio Lower Upper

168 100

99 51.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

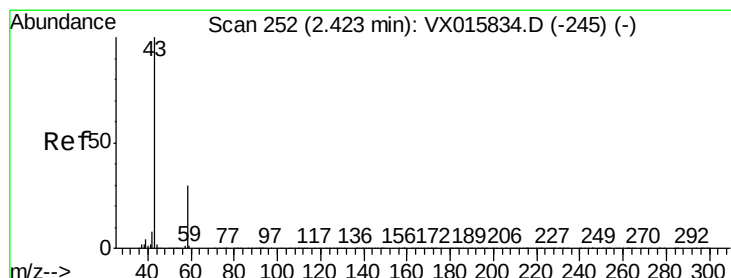
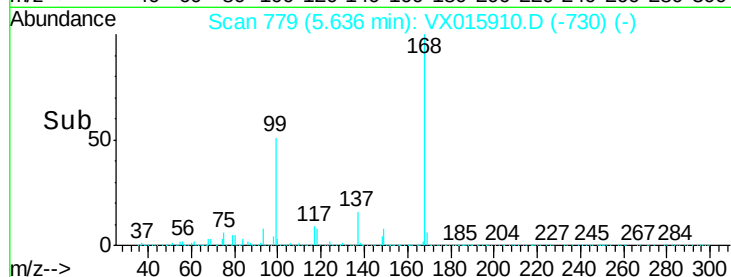
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 23.497 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015910.D

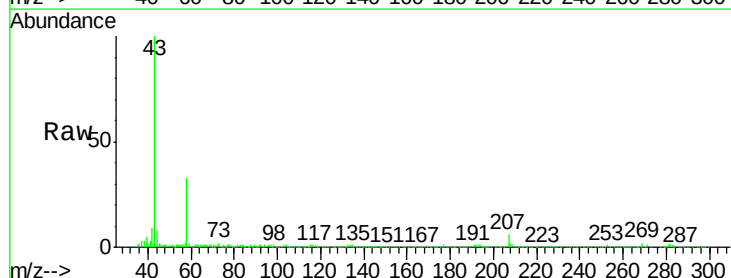
Acq: 23 Apr 2020 23:26

Tgt Ion: 43 Resp: 97936

Ion Ratio Lower Upper

43 100

58 32.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

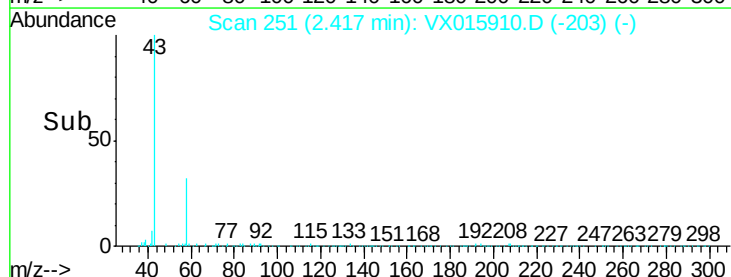
60000

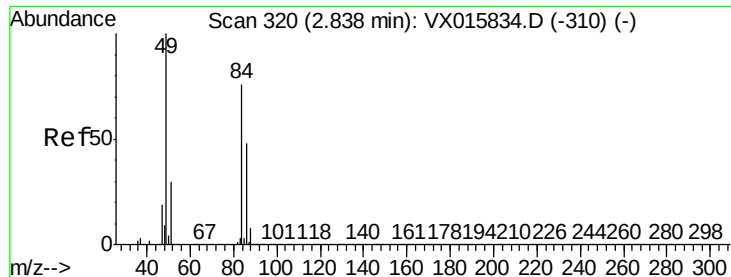
40000

20000

0

Time-->

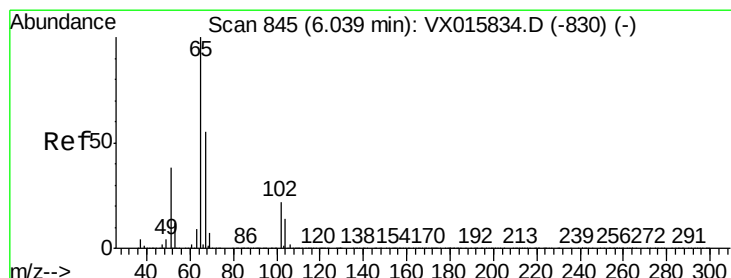
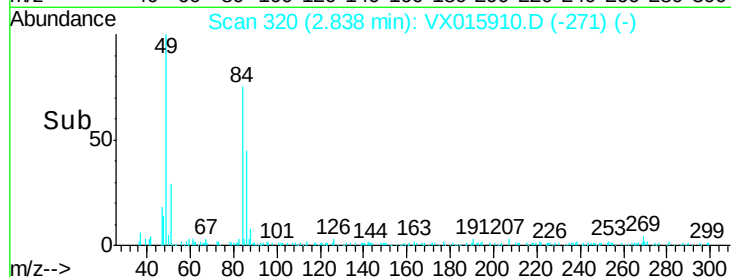
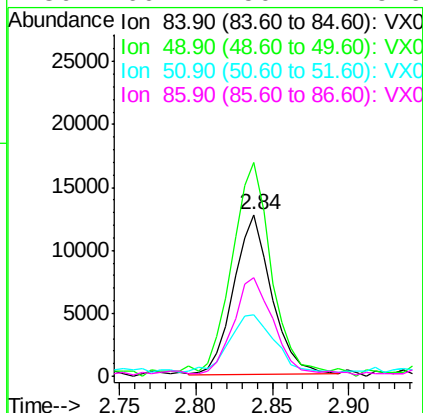
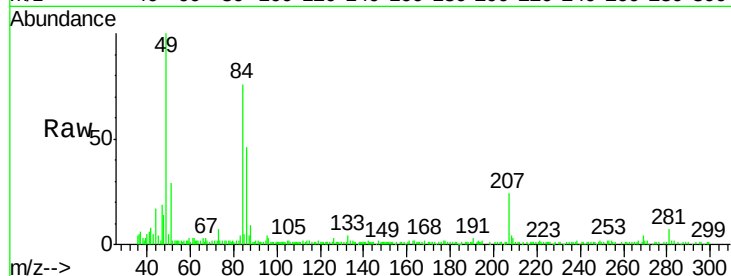




#20
Methylene Chloride
Concen: 2.593 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015910.D
Acq: 23 Apr 2020 23:26

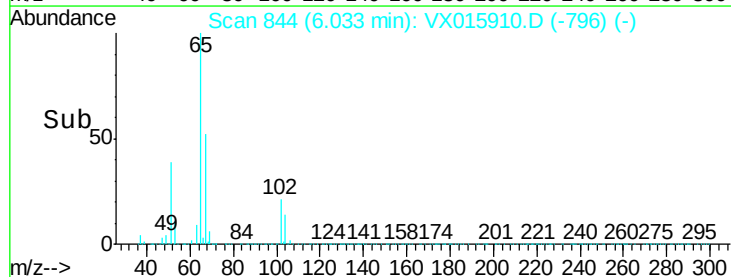
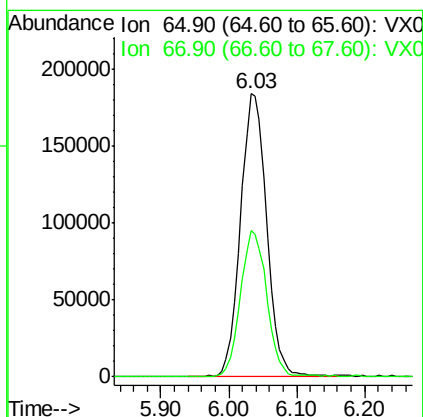
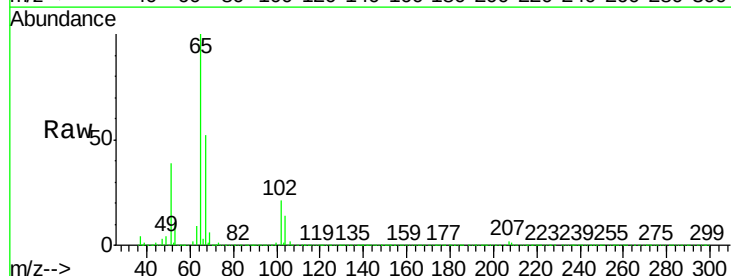
Instrument :
MSVOA_X
ClientSampleId :
OR-02-042220

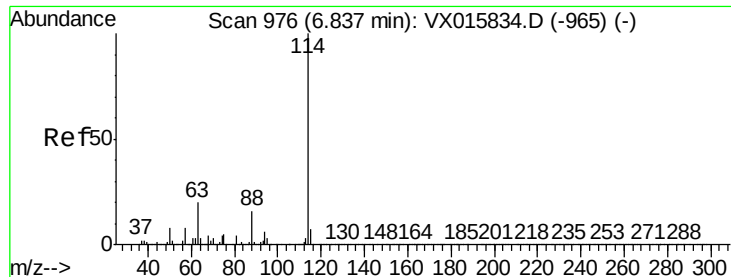
Tot Ion:	84	Resp:	21944
Ion	Ratio	Lower	Upper
84	100		
49	129.8	104.9	157.3
51	35.9	32.0	48.0
86	60.1	50.4	75.6



#33
1,2-Dichloroethane-d4
Concen: 51.330 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.01 min
Lab File: VX015910.D
Acq: 23 Apr 2020 23:26

Tgt Ion:	65	Resp:	491347
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015910.D

Acq: 23 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

OR-02-042220

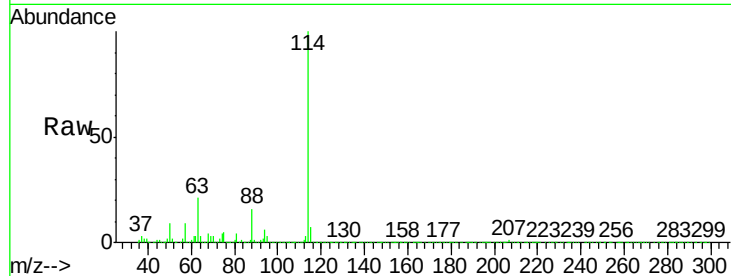
Tot Ion:114 Resp: 1315049

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.6

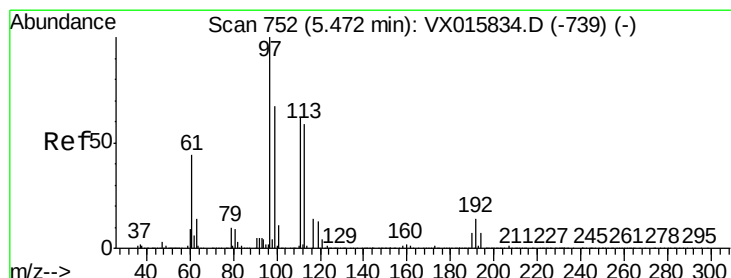
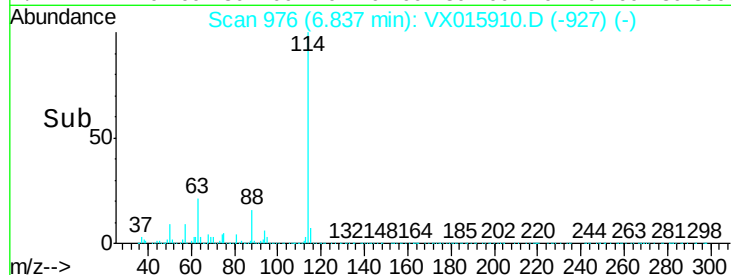
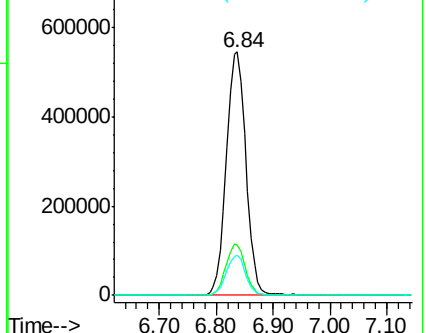
88 16.4 0.0 32.8



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: 51.436 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015910.D

Acq: 23 Apr 2020 23:26

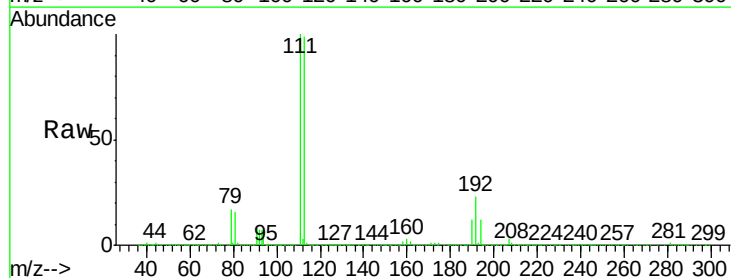
Tgt Ion:113 Resp: 390436

Ion Ratio Lower Upper

113 100

111 103.9 82.7 124.1

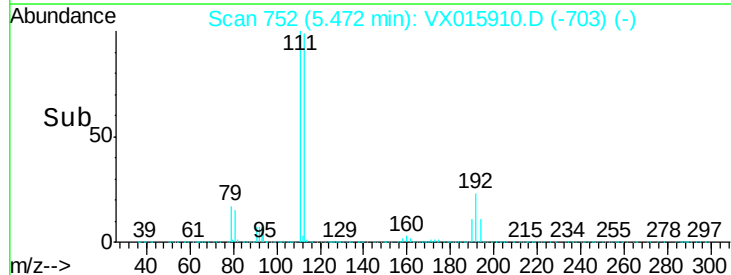
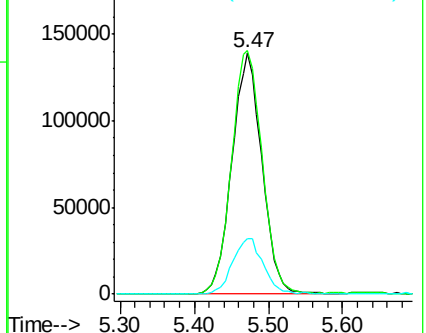
192 23.5 19.3 28.9

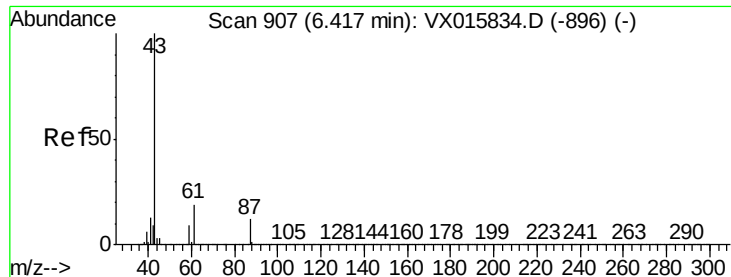


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.730 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015910.D

Acq: 23 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

OR-02-042220

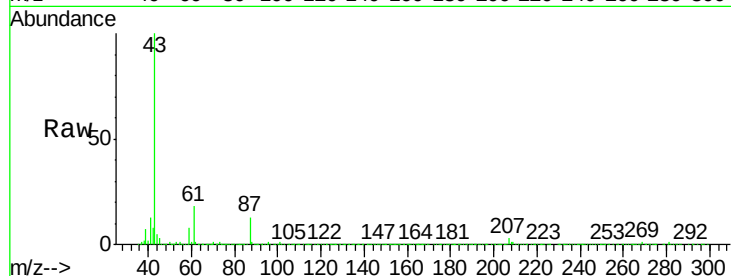
Tot Ion: 43 Resp: 251124

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.2

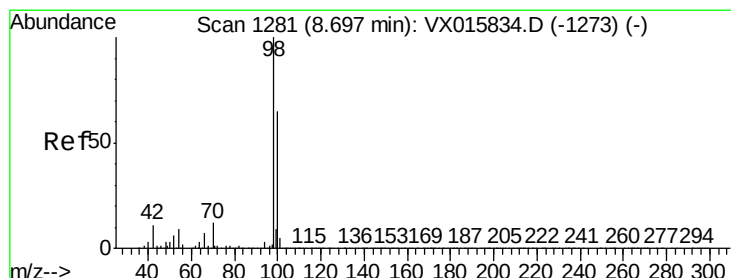
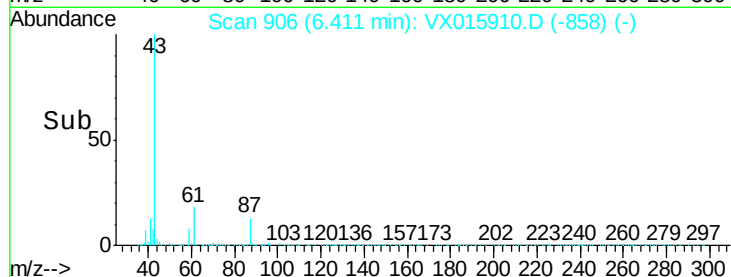
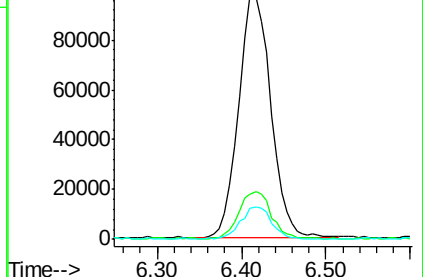
87 12.6 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VX015834.D (-896) (-)

Ion 61.00 (60.70 to 61.70): VX015834.D (-896) (-)

Ion 87.00 (86.70 to 87.70): VX015834.D (-896) (-)



#50

Toluene-d8

Concen: 51.737 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015910.D

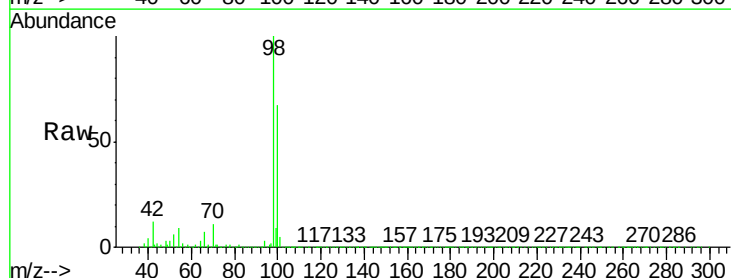
Acq: 23 Apr 2020 23:26

Tgt Ion: 98 Resp: 1580973

Ion Ratio Lower Upper

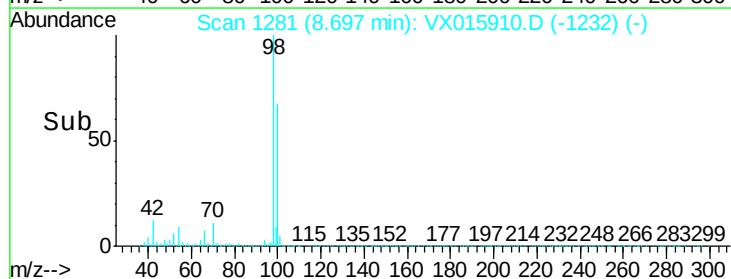
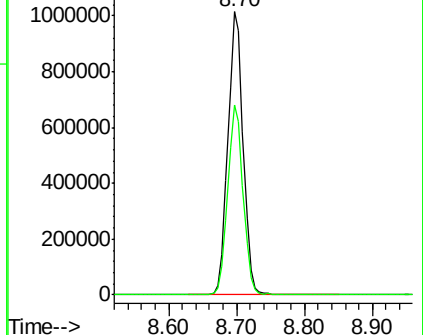
98 100

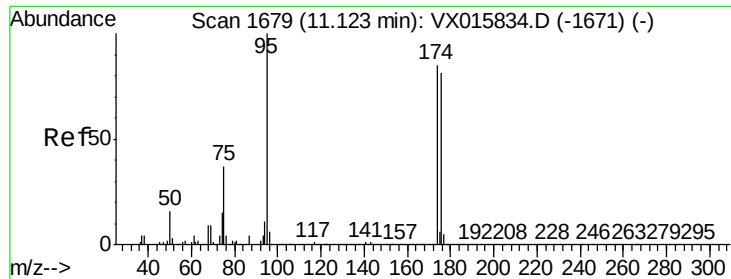
100 67.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX015834.D (-1273) (-)

Ion 100.00 (99.70 to 100.70): VX015834.D (-1273) (-)

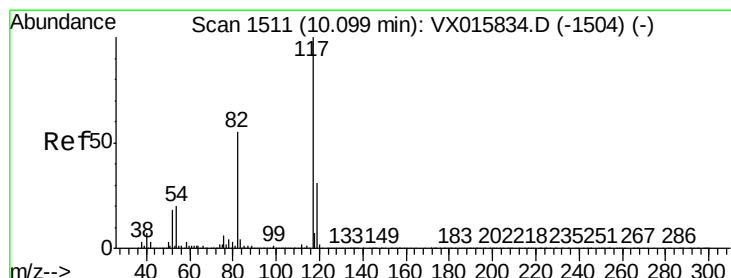
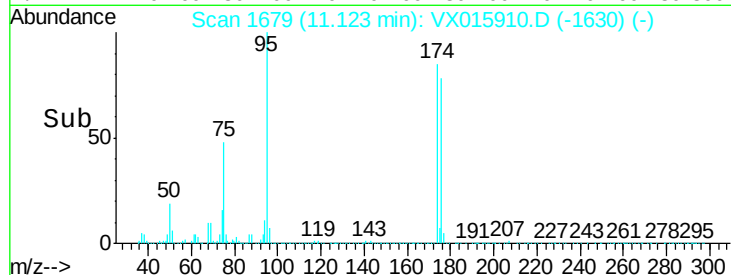
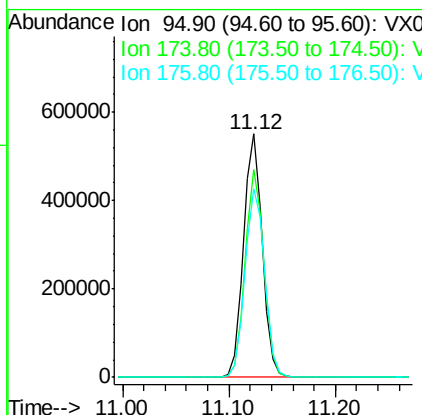
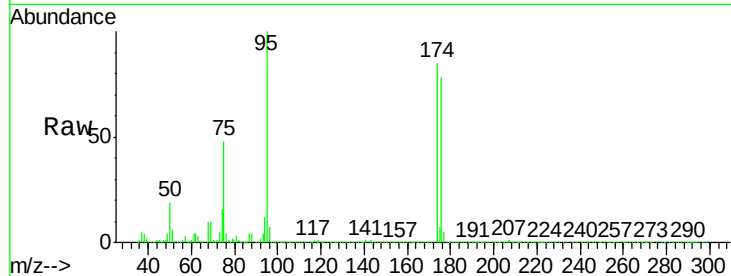




#62
4-Bromofluorobenzene
Concen: 54.473 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015910.D
Acq: 23 Apr 2020 23:26

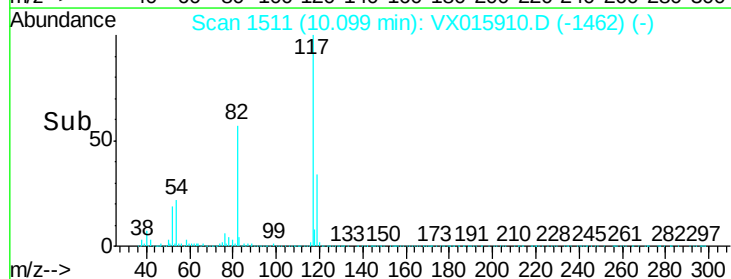
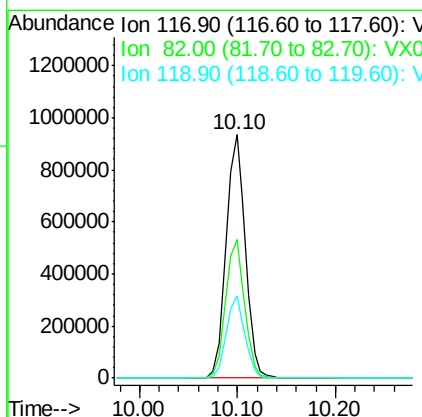
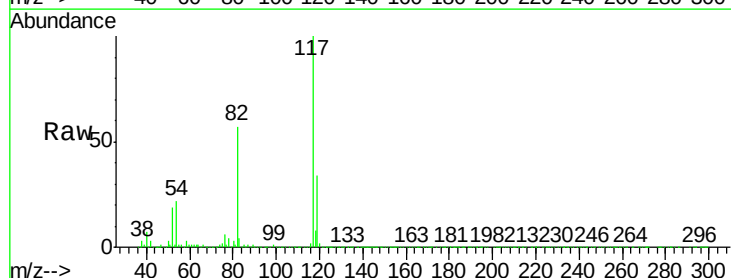
Instrument :
MSVOA_X
ClientSampleId :
OR-02-042220

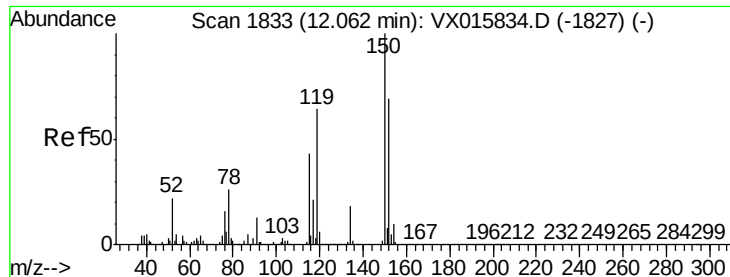
Tot Ion: 95 Resp: 682858
Ion Ratio Lower Upper
95 100
174 85.6 0.0 172.4
176 81.0 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015910.D
Acq: 23 Apr 2020 23:26

Tgt Ion: 117 Resp: 1271640
Ion Ratio Lower Upper
117 100
82 57.0 43.9 65.9
119 33.6 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015910.D

Acq: 23 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

OR-02-042220

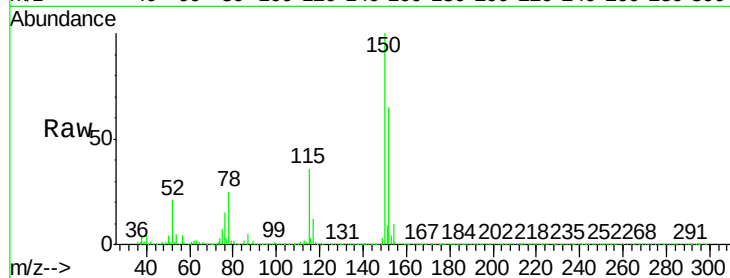
Tot Ion:152 Resp: 747732

Ion Ratio Lower Upper

152 100

115 55.4 39.0 116.9

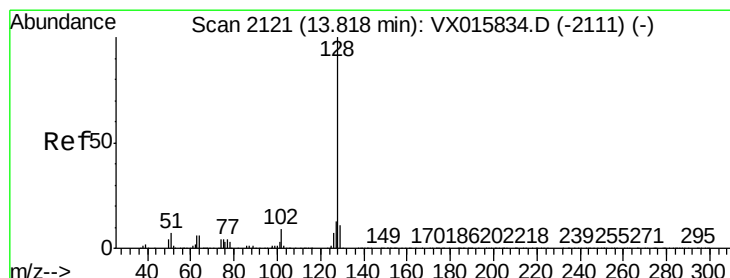
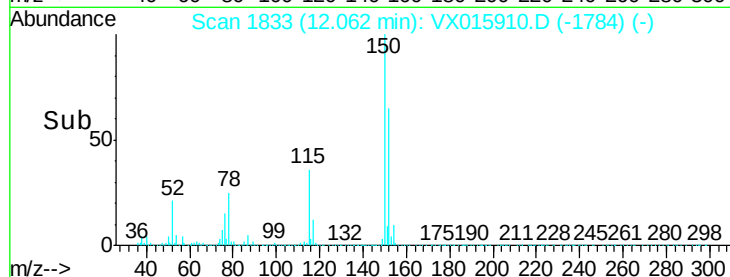
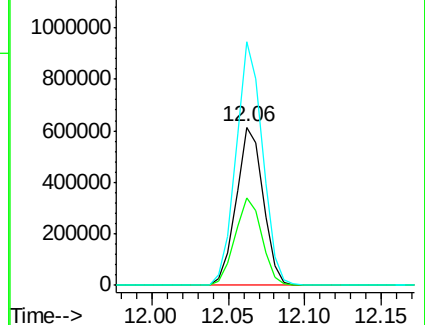
150 151.6 0.0 336.8



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



#95

Naphthalene

Concen: 1.766 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015910.D

Acq: 23 Apr 2020 23:26

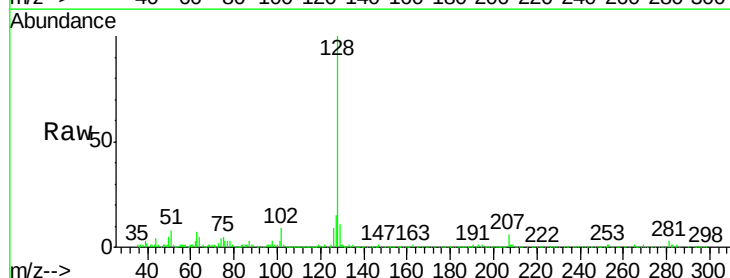
Tgt Ion:128 Resp: 90434

Ion Ratio Lower Upper

128 100

127 14.7 10.5 15.7

129 11.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

