

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
 Data File : VX018340.D
 Acq On : 10 Sep 2020 15:38
 Operator : JC/SP
 Sample : L3952-05 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16744

Quant Time: Sep 11 07:18:39 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

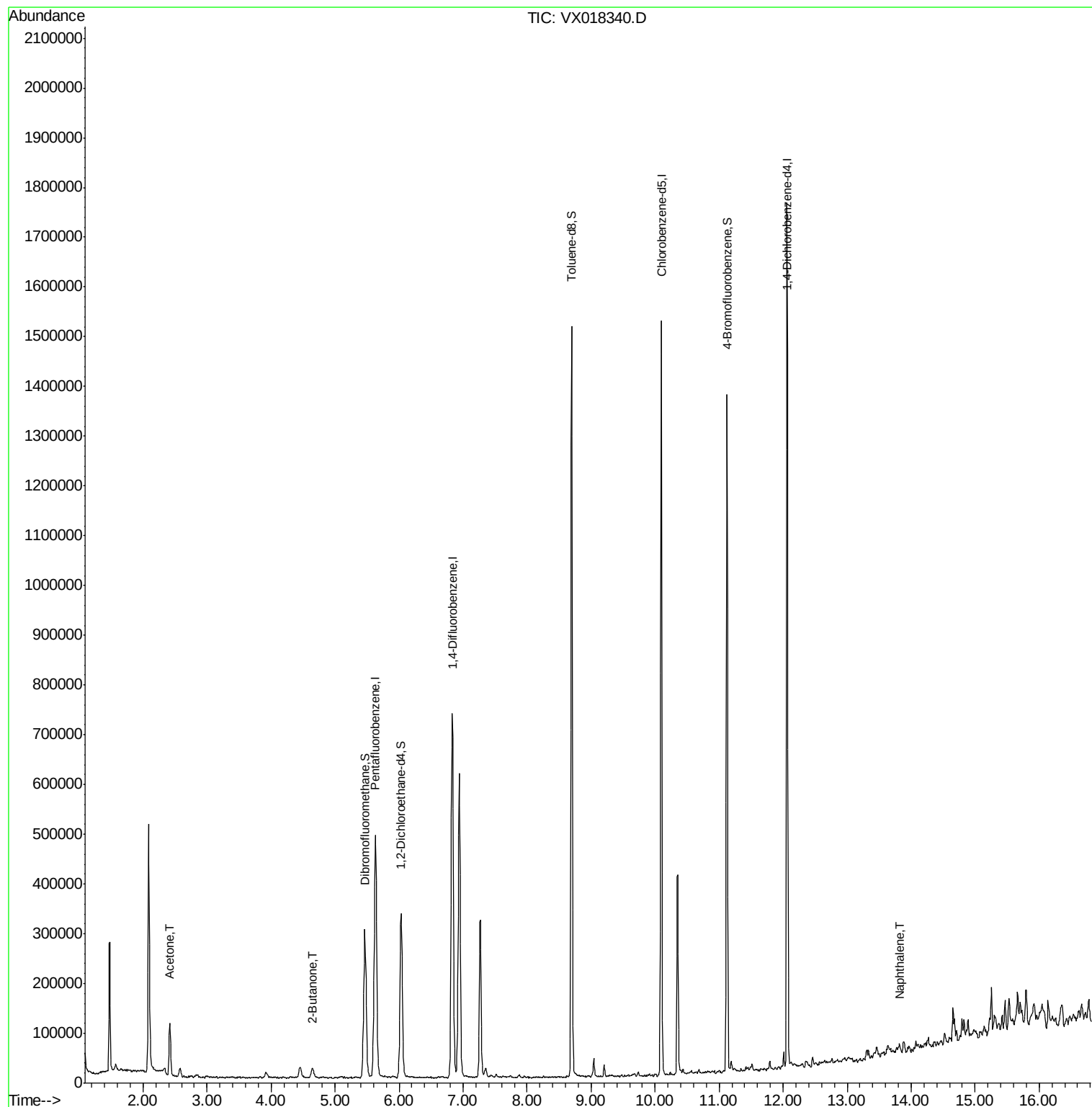
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	451772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	726009	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	691455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	349615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	328805	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
35) Dibromofluoromethane	5.46	113	252417	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
50) Toluene-d8	8.70	98	890203	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.12	95	342534	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
Target Compounds						
16) Acetone	2.42	43	116710	47.756	ug/l	93
25) 2-Butanone	4.64	43	15216	3.788	ug/l	97
95) Naphthalene	13.82	128	13351	0.577	ug/l #	94

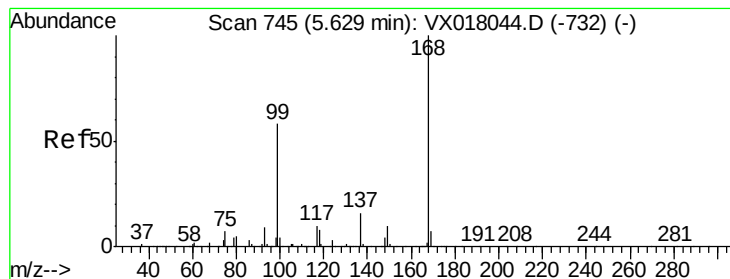
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018340.D

Acq: 10 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

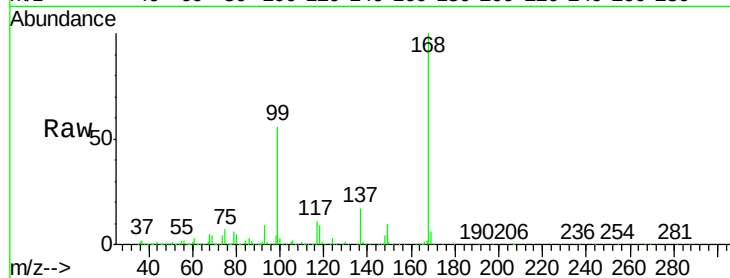
16744

Tot Ion:168 Resp: 451772

Ion Ratio Lower Upper

168 100

99 56.2 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

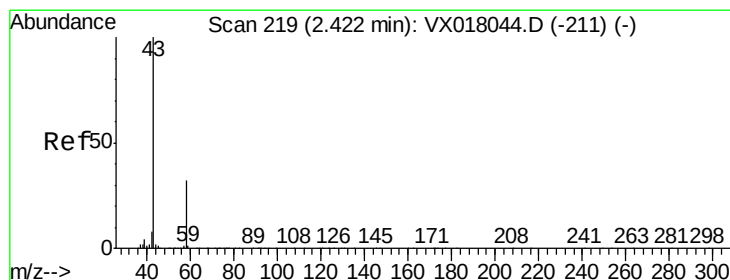
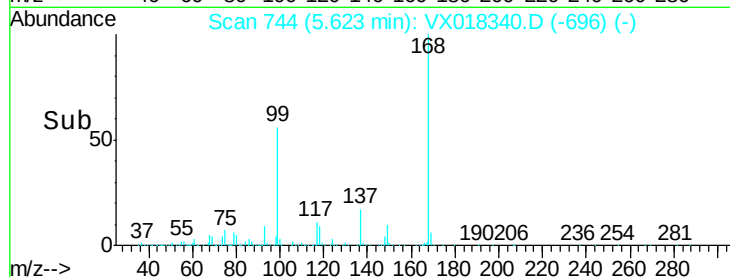
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 47.756 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018340.D

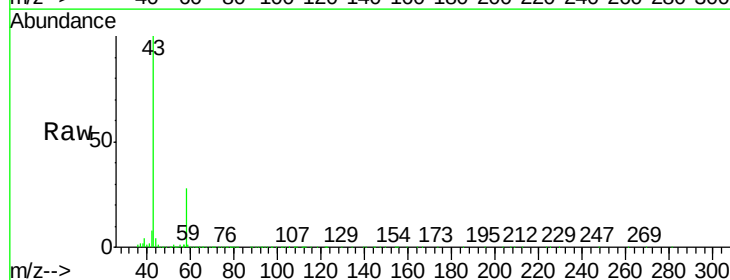
Acq: 10 Sep 2020 15:38

Tgt Ion: 43 Resp: 116710

Ion Ratio Lower Upper

43 100

58 28.2 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

80000

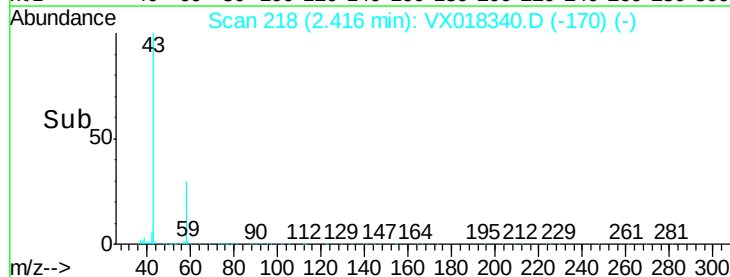
60000

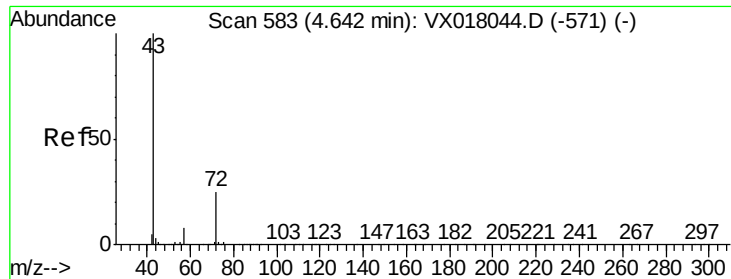
40000

20000

0

Time-->

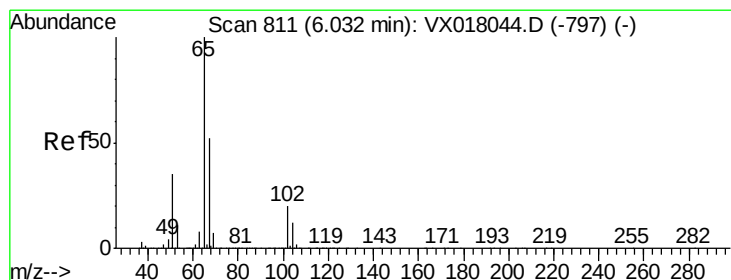
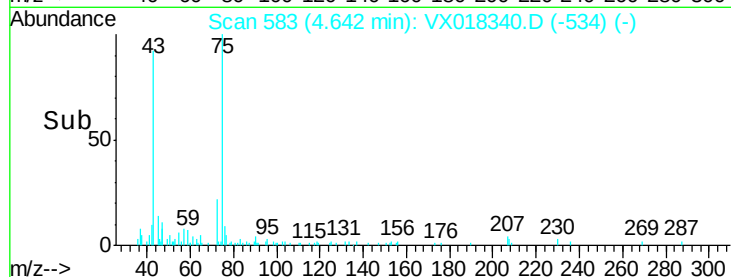
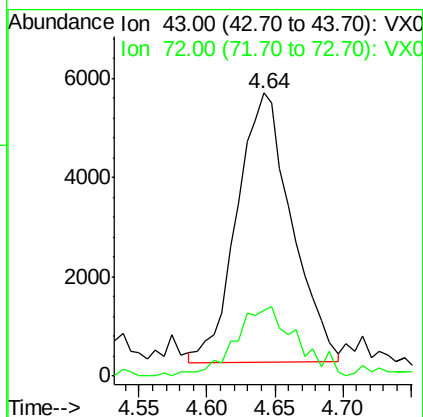
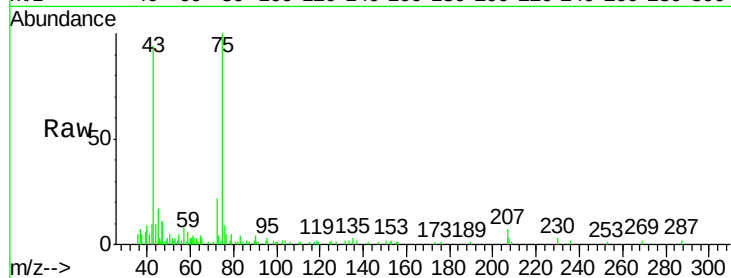




#25
2-Butanone
Concen: 3.788 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX018340.D
Acq: 10 Sep 2020 15:38

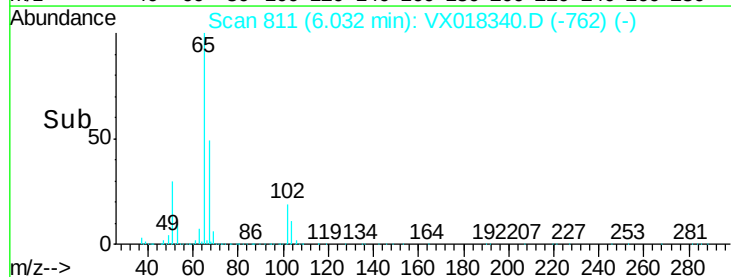
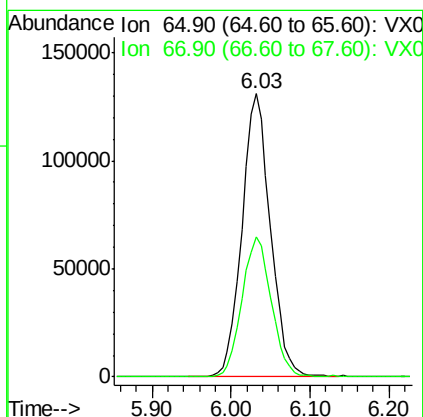
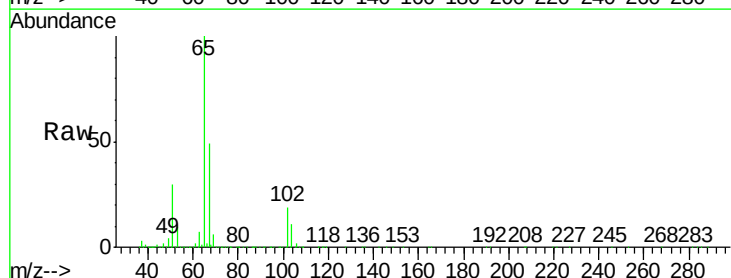
Instrument :
MSVOA_X
ClientSampleId :
16744

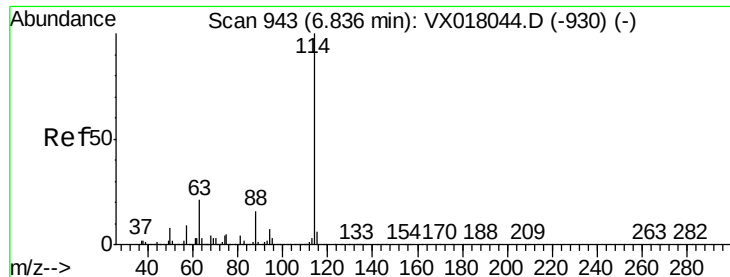
Tot Ion: 43 Resp: 15216
Ion Ratio Lower Upper
43 100
72 23.4 19.8 29.6



#33
1,2-Dichloroethane-d4
Concen: 52.426 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018340.D
Acq: 10 Sep 2020 15:38

Tgt Ion: 65 Resp: 328805
Ion Ratio Lower Upper
65 100
67 50.9 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: VX018340.D

Acq: 10 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

16744

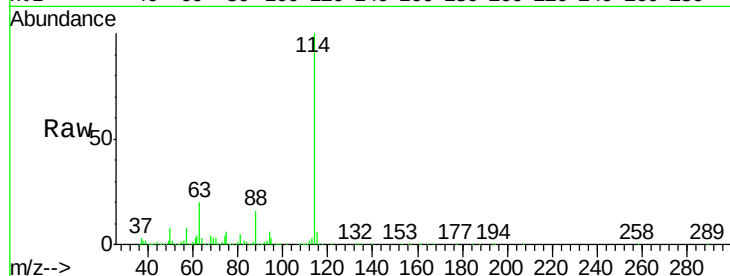
Tot Ion:114 Resp: 726009

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

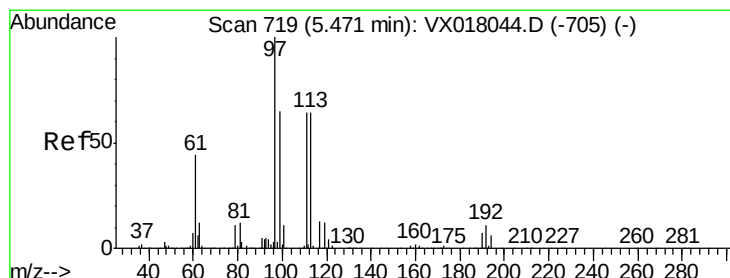
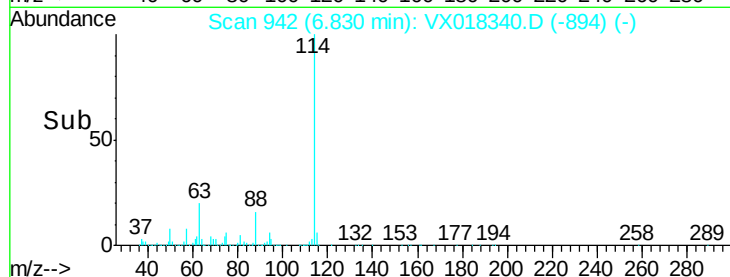
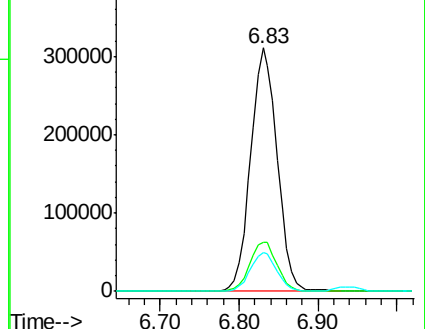
88 16.1 0.0 31.8



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: 51.050 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018340.D

Acq: 10 Sep 2020 15:38

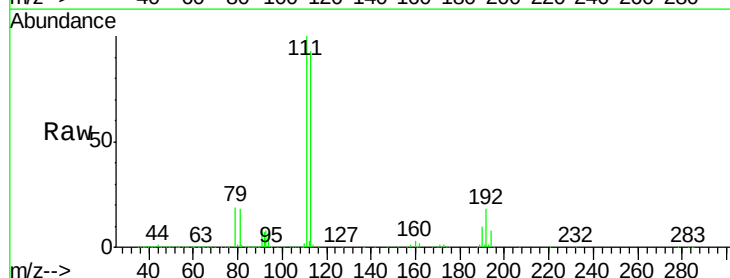
Tgt Ion:113 Resp: 252417

Ion Ratio Lower Upper

113 100

111 103.8 81.6 122.4

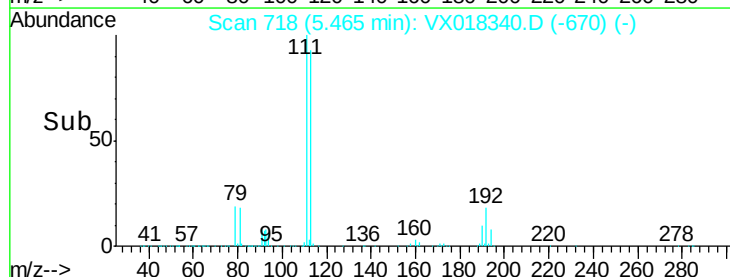
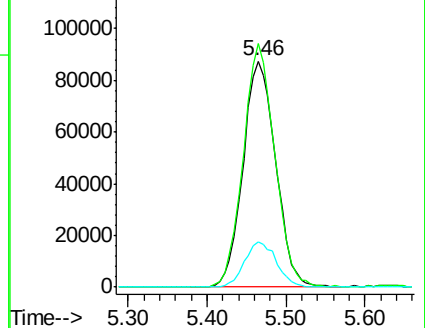
192 19.7 15.8 23.8

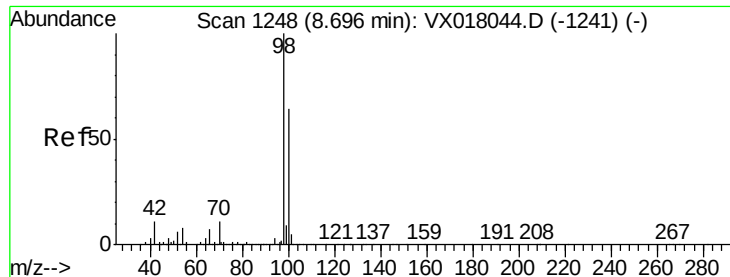


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.339 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018340.D

Acq: 10 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

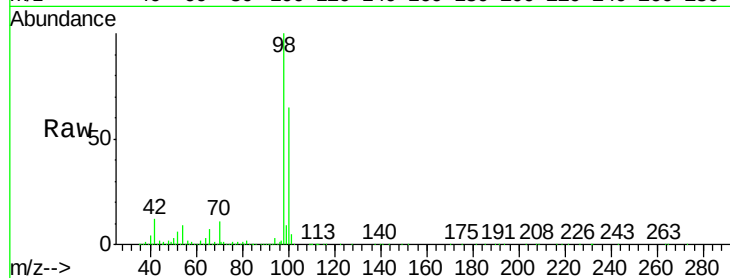
16744

Tot Ion: 98 Resp: 890203

Ion Ratio Lower Upper

98 100

100 63.6 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

600000

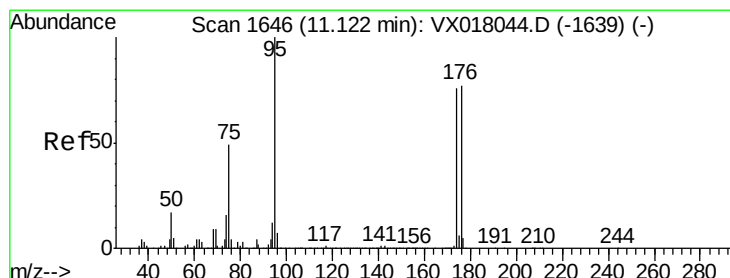
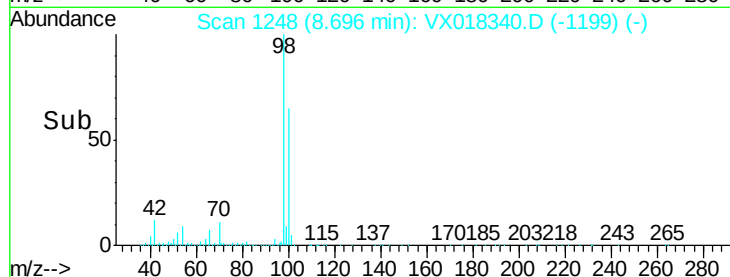
8.70

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.275 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018340.D

Acq: 10 Sep 2020 15:38

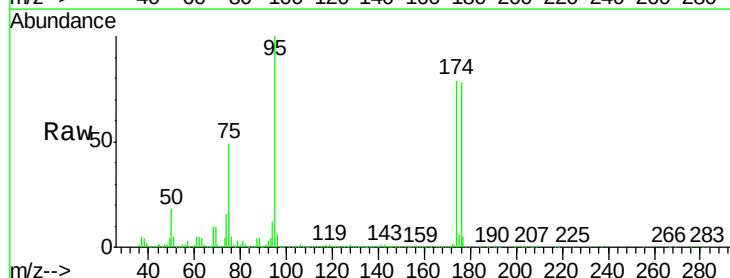
Tgt Ion: 95 Resp: 342534

Ion Ratio Lower Upper

95 100

174 80.4 0.0 160.2

176 77.9 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

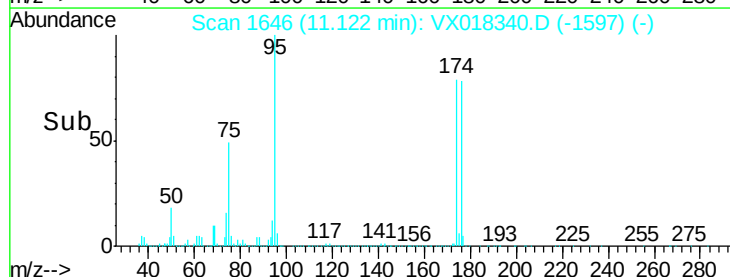
11.12

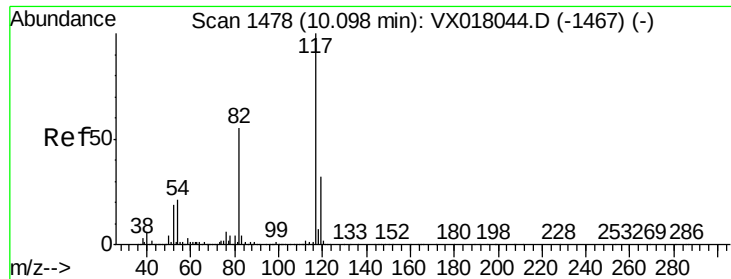
200000

100000

0

Time-->

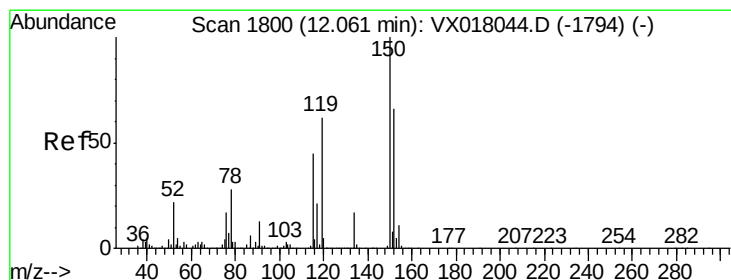
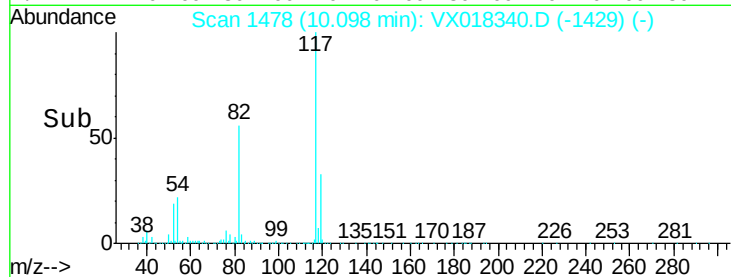
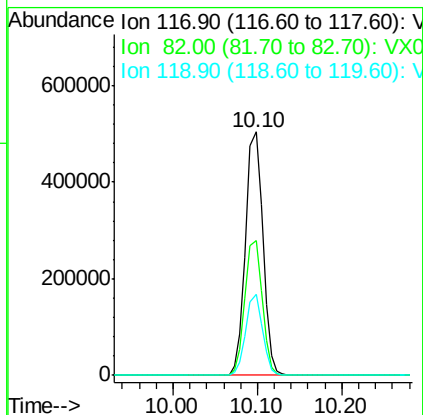
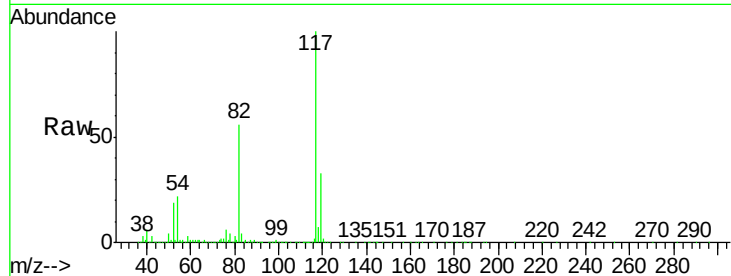




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018340.D
Acq: 10 Sep 2020 15:38

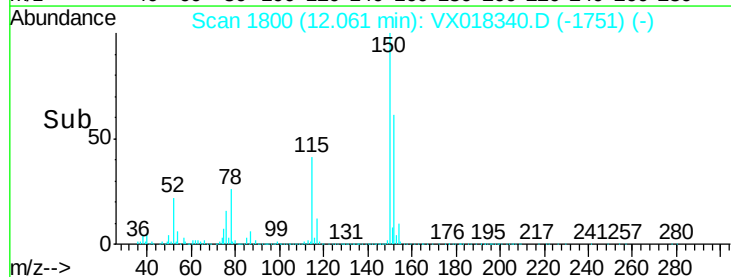
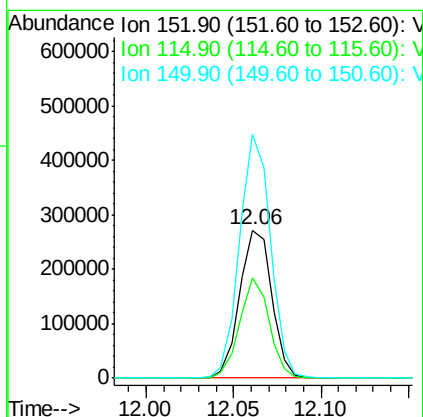
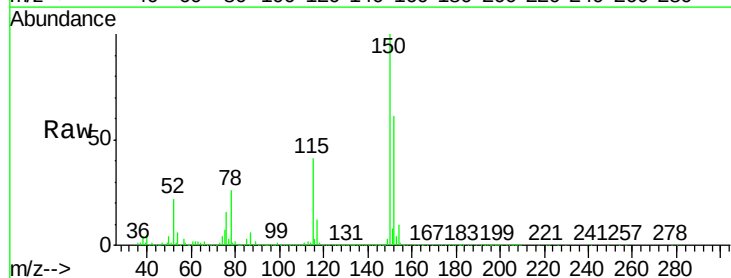
Instrument :
MSVOA_X
ClientSampleId :
16744

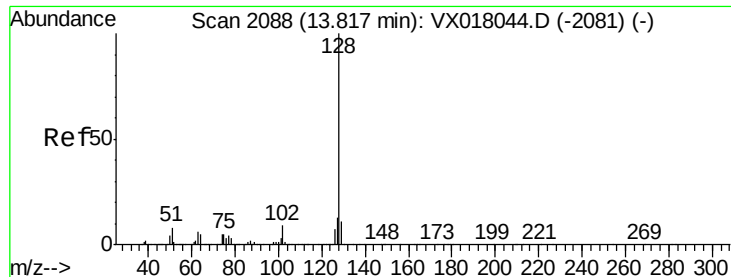
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.2	66.2
119	33.2	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018340.D
Acq: 10 Sep 2020 15:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	41.5	124.5
150	158.3	0.0	343.8





#95

Naphthalene

Concen: 0.577 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018340.D

Acq: 10 Sep 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

16744

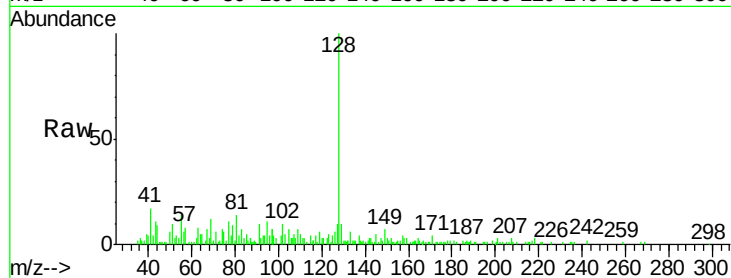
Tot Ion:128 Resp: 13351

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 15.4 8.7 13.1#



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

