

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010371.D
 Acq On : 20 Jun 2019 20:41
 Operator : JC/SP
 Sample : K3469-14 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-061919-01

Quant Time: Jun 21 03:19:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	316144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	476852	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	426771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197628	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	144159	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	5.50	113	146834	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	8.71	98	560356	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.13	95	185894	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	

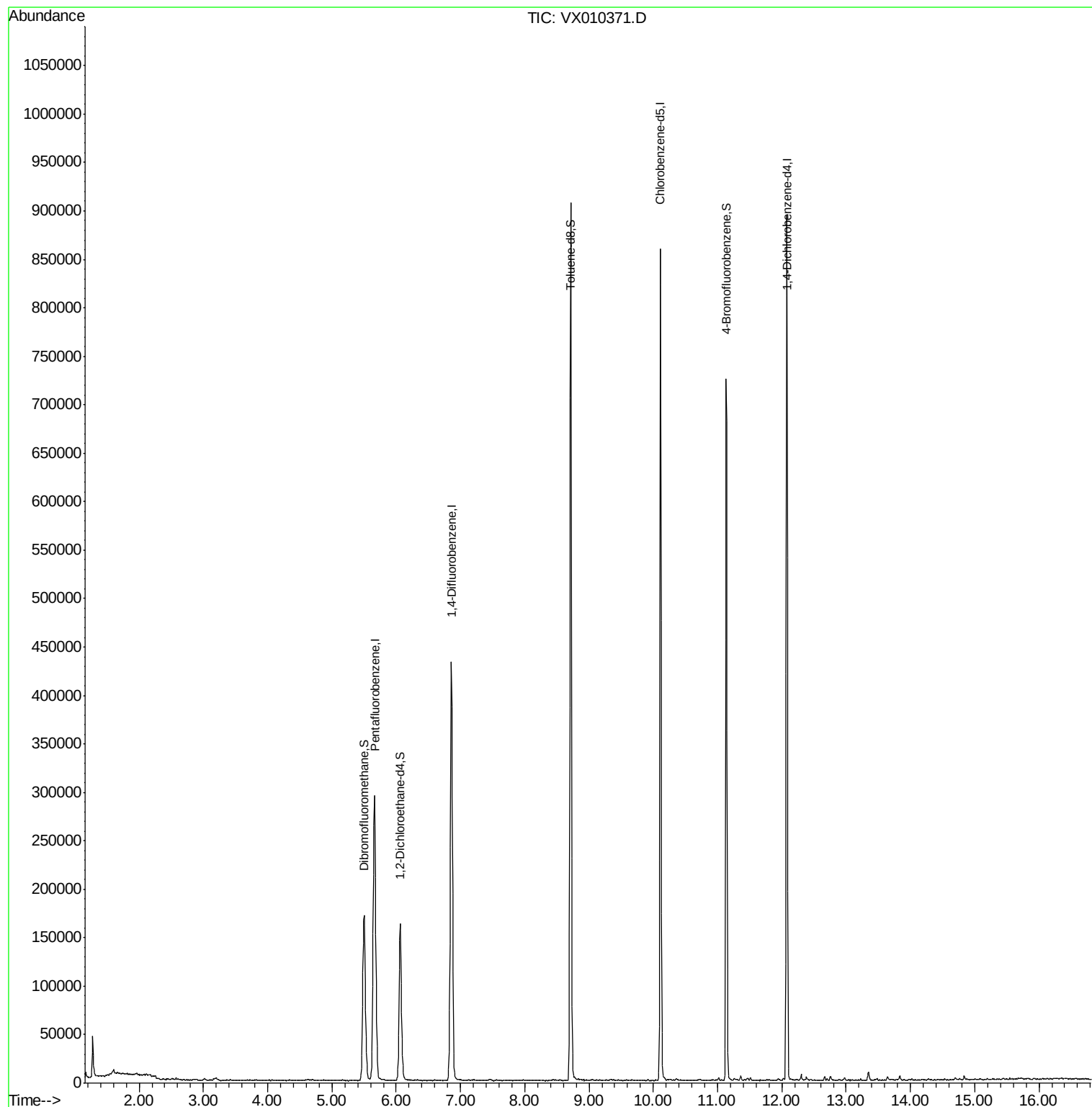
Target Compounds	Qvalue
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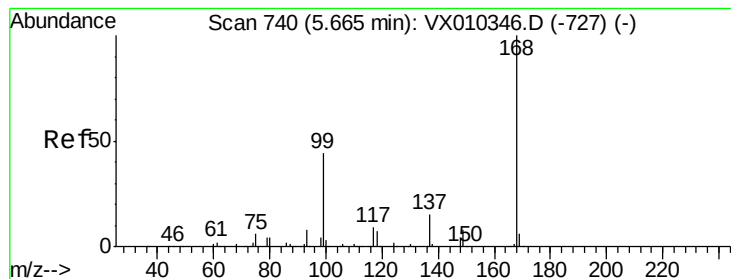
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010371.D

Acq: 20 Jun 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

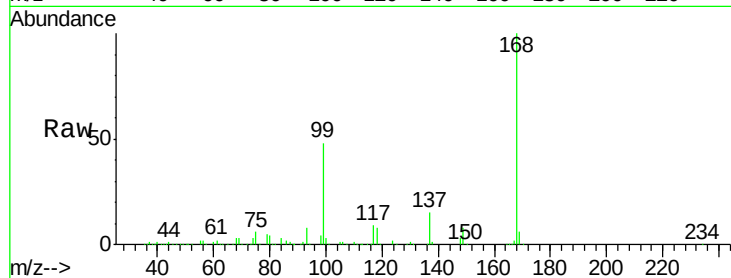
DUP-061919-01

Tot Ion:168 Resp: 316144

Ion Ratio Lower Upper

168 100

99 47.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

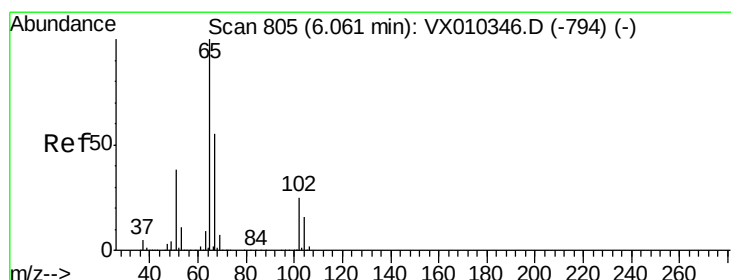
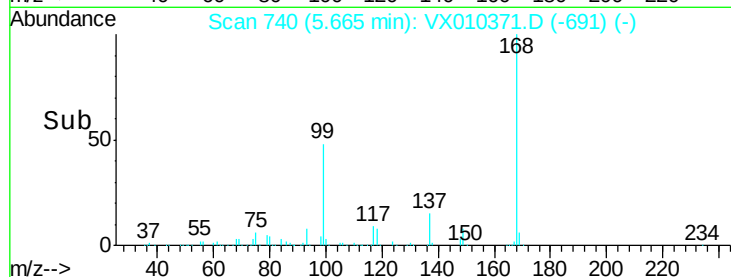
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.634 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010371.D

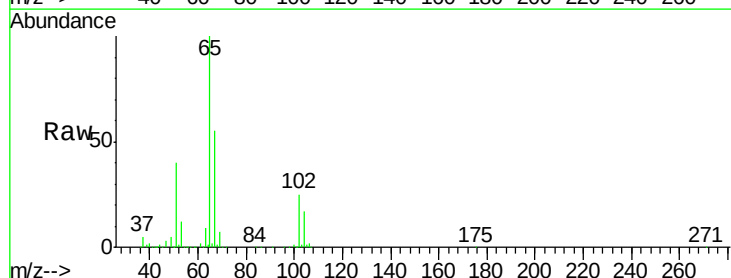
Acq: 20 Jun 2019 20:41

Tgt Ion: 65 Resp: 144159

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

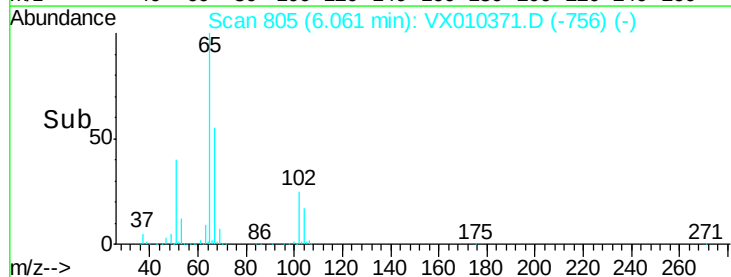
30000

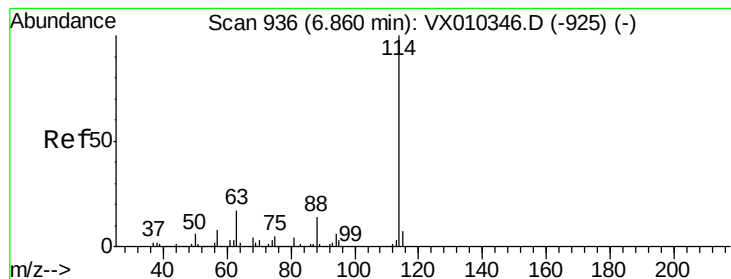
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010371.D

Acq: 20 Jun 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

DUP-061919-01

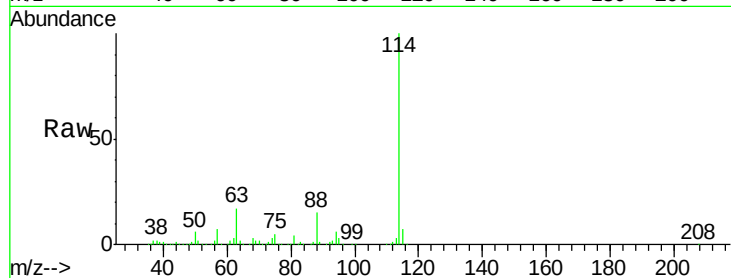
Tot Ion:114 Resp: 476852

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.8

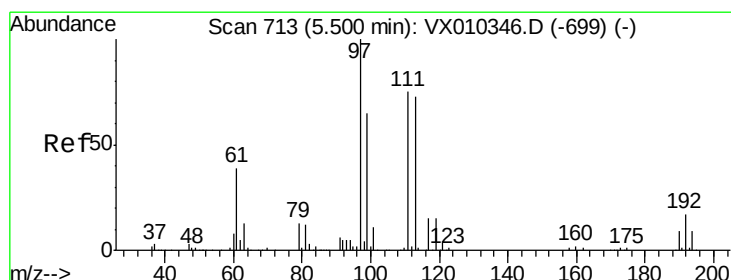
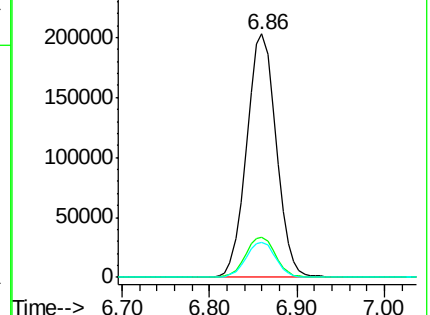
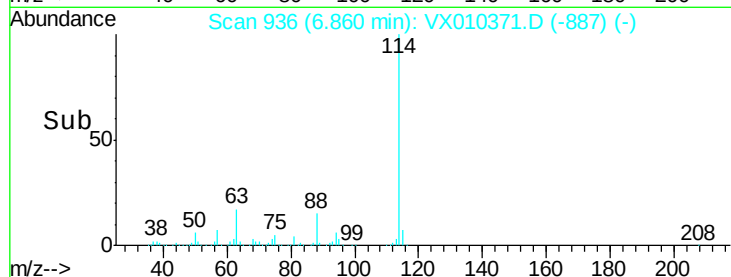
88 14.5 0.0 27.6



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: 50.328 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010371.D

Acq: 20 Jun 2019 20:41

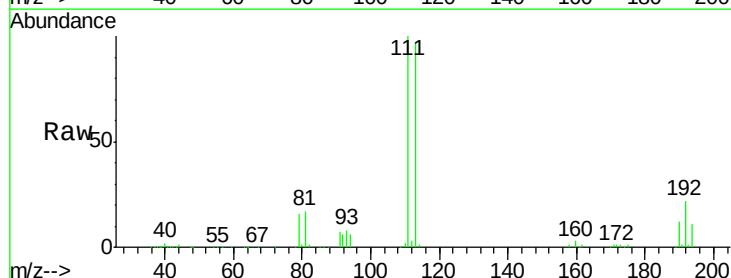
Tgt Ion:113 Resp: 146834

Ion Ratio Lower Upper

113 100

111 101.5 81.2 121.8

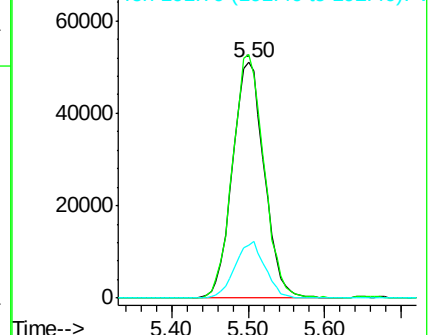
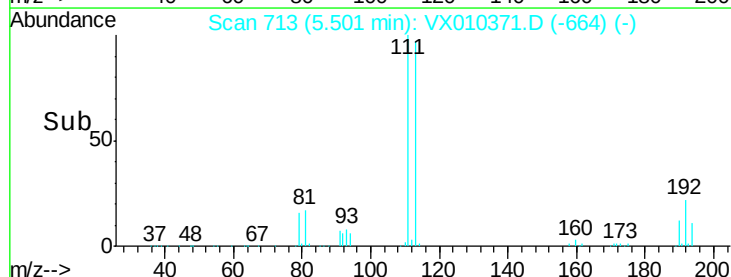
192 22.7 18.6 27.8

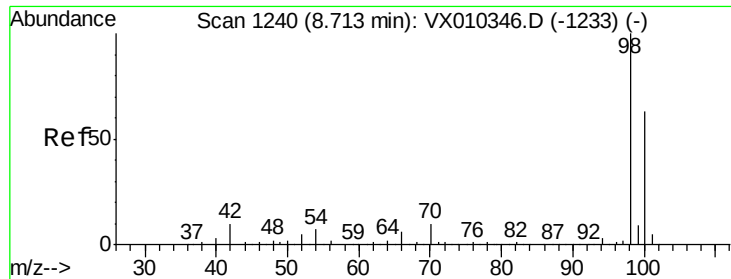


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

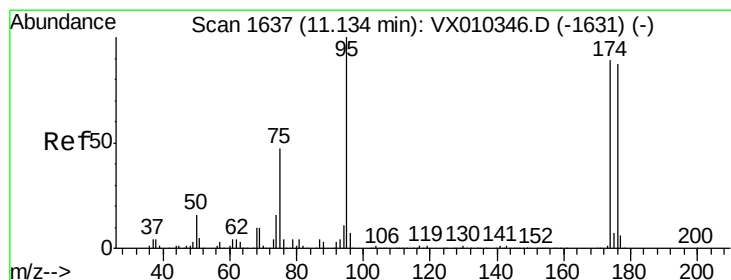
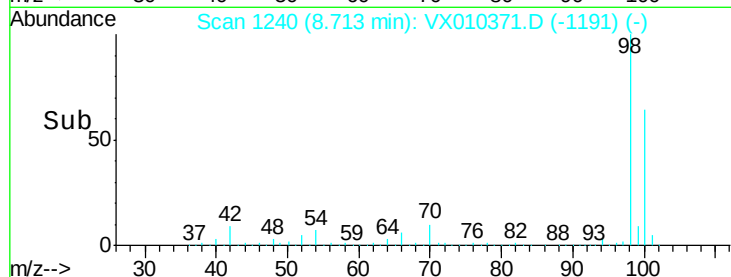
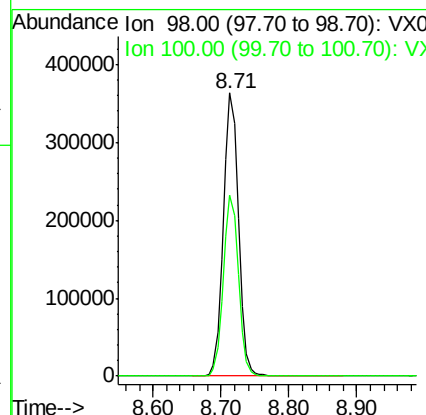
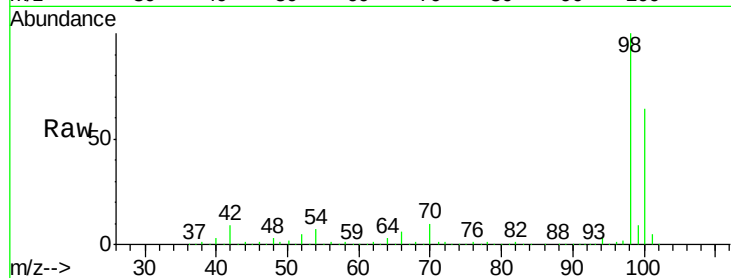




#50
Toluene-d8
Concen: 50.202 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010371.D
Acq: 20 Jun 2019 20:41

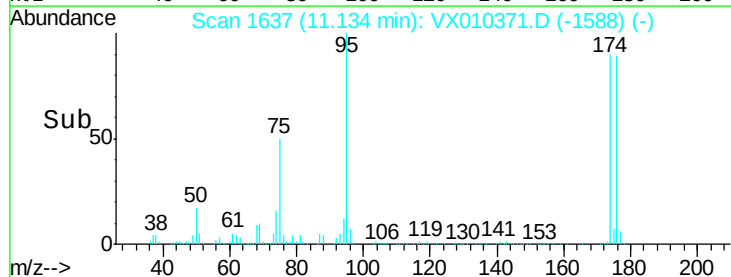
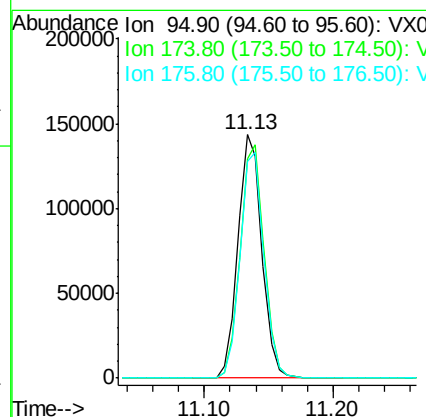
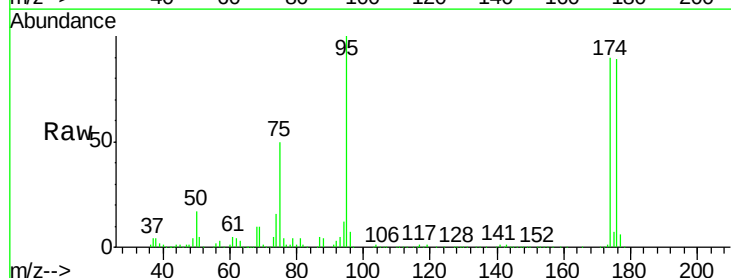
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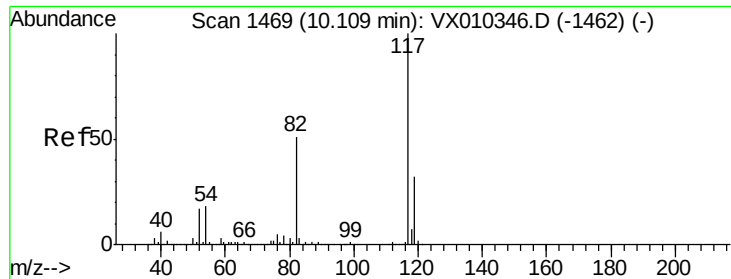
Tot Ion: 98 Resp: 560356
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.130 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010371.D
Acq: 20 Jun 2019 20:41

Tgt Ion: 95 Resp: 185894
Ion Ratio Lower Upper
95 100
174 95.5 0.0 187.6
176 92.5 0.0 184.0

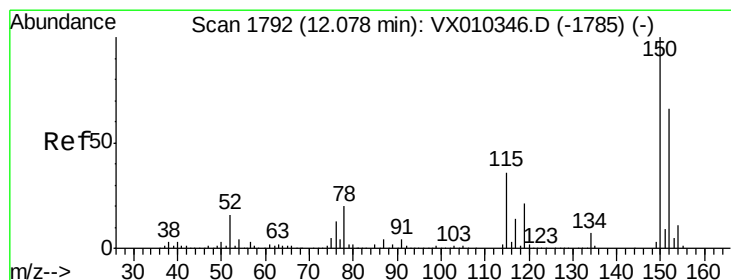
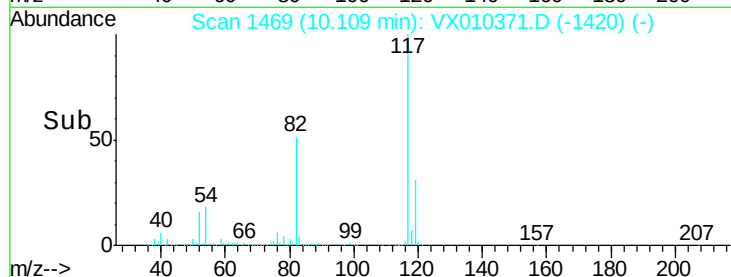
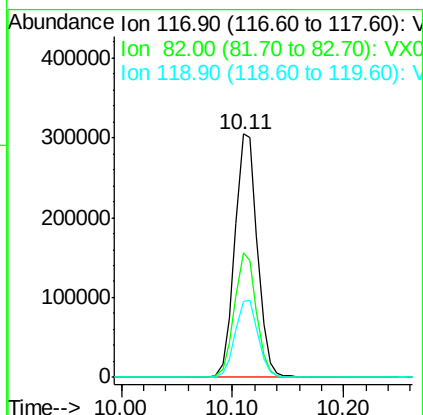
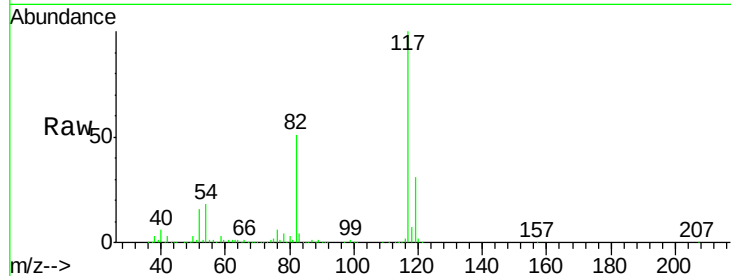




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010371.D
Acq: 20 Jun 2019 20:41

Instrument :
MSVOA_X
ClientSampleId :
DUP-061919-01

Tot Ion:117 Resp: 426771
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010371.D
Acq: 20 Jun 2019 20:41

Tgt Ion:152 Resp: 197628
Ion Ratio Lower Upper
152 100
115 53.5 38.6 115.7
150 155.5 0.0 347.4

