

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101618\
 Data File : VX005374.D
 Acq On : 16 Oct 2018 17:47
 Operator : JC/MD
 Sample : J5538-02 200X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TKABCD

Quant Time: Oct 17 07:14:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	287041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	416668	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	363325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177814	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	161088	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
35) Dibromofluoromethane	5.50	113	128007	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	
50) Toluene-d8	8.71	98	483467	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.14	95	159697	44.87	ug/l	0.00
Spiked Amount			Recovery	=	89.74%	

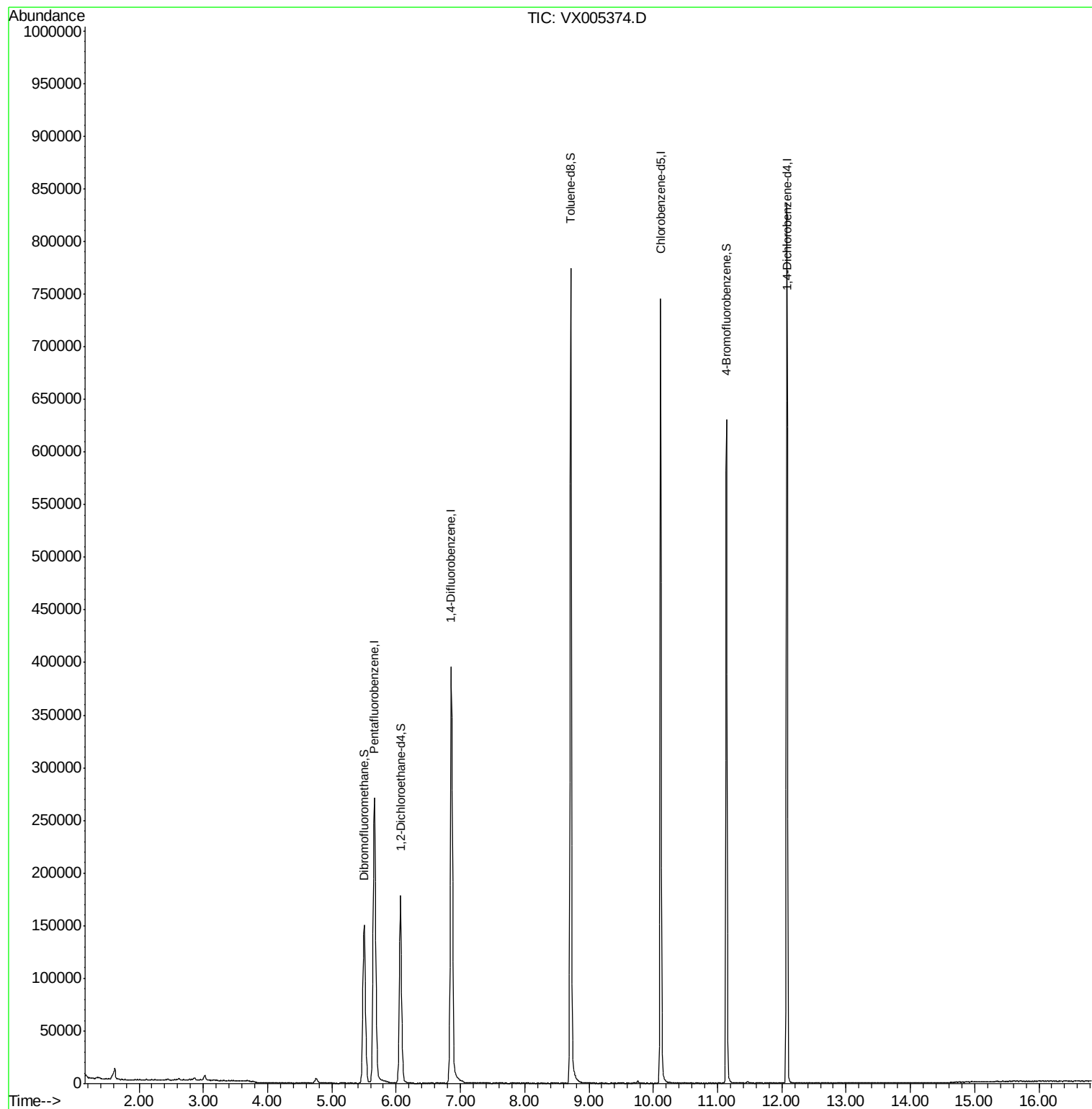
Target Compounds	Qvalue
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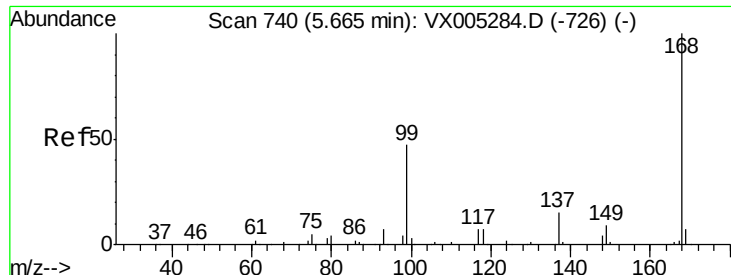
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005374.D

Acq: 16 Oct 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

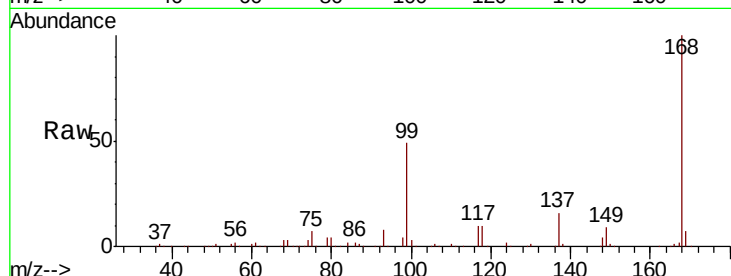
TKABCD

Tot Ion:168 Resp: 287041

Ion Ratio Lower Upper

168 100

99 49.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

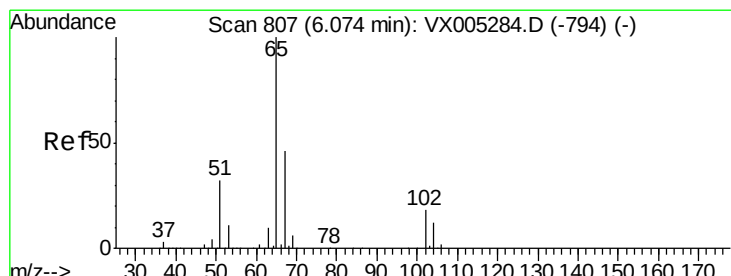
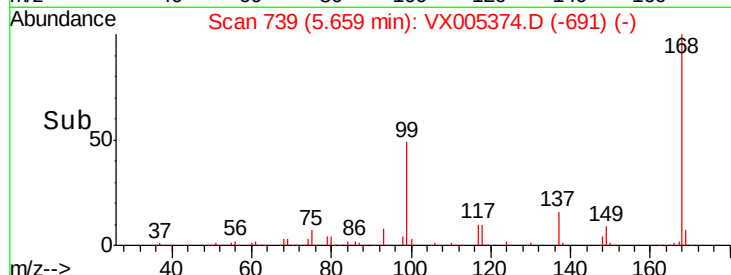
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 50.566 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005374.D

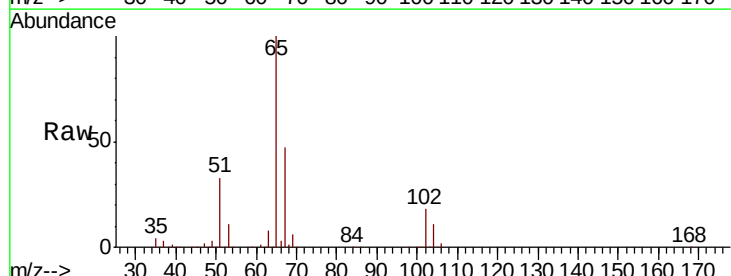
Acq: 16 Oct 2018 17:47

Tgt Ion: 65 Resp: 161088

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

80000

60000

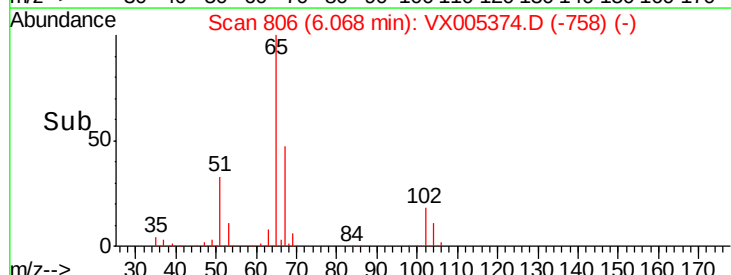
40000

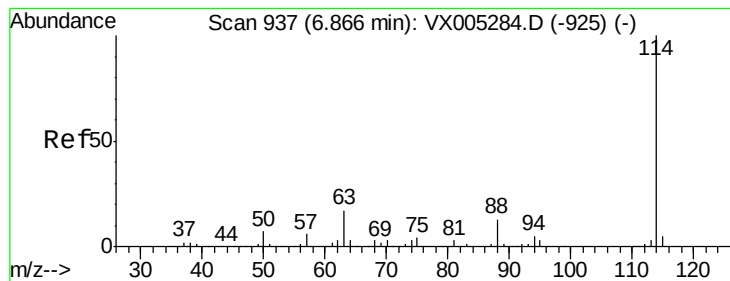
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX005374.D

Acq: 16 Oct 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

TKABCD

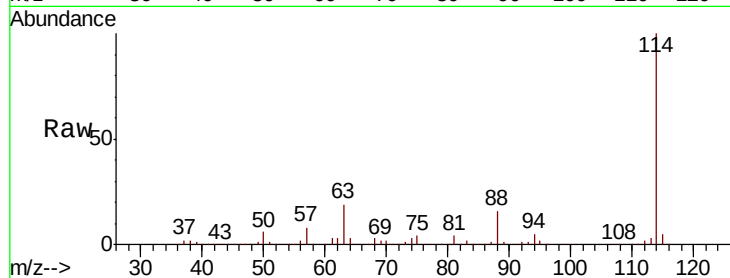
Tot Ion:114 Resp: 416668

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.0

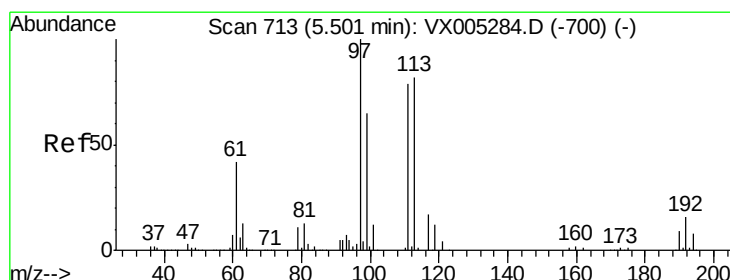
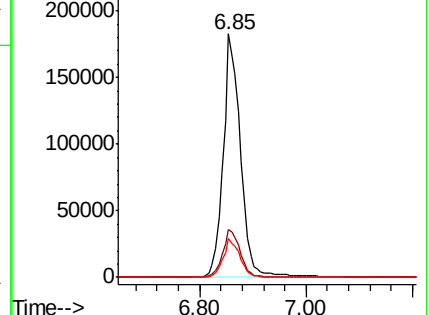
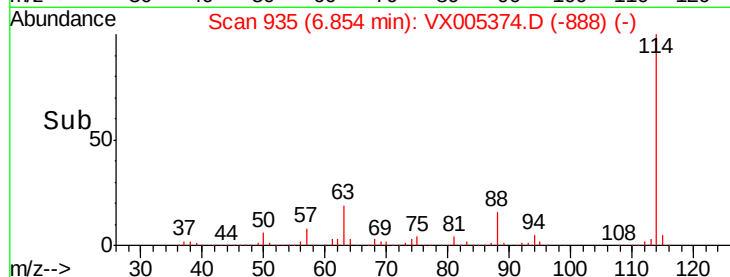
88 15.9 0.0 30.4



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: 46.384 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005374.D

Acq: 16 Oct 2018 17:47

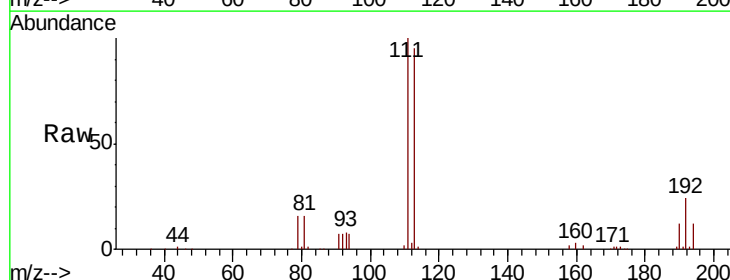
Tgt Ion:113 Resp: 128007

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

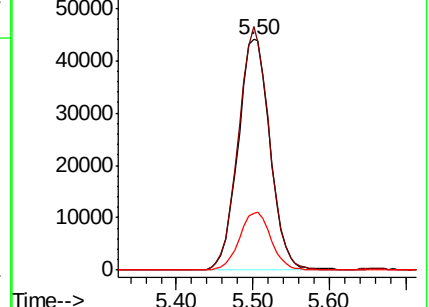
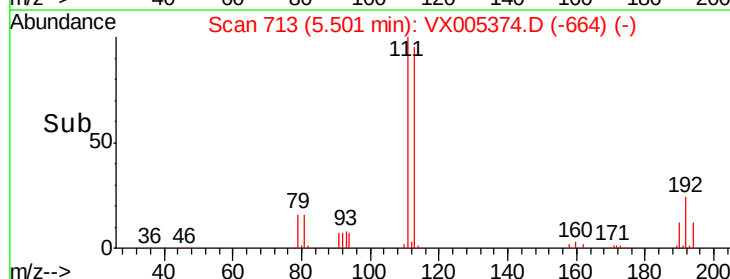
192 24.8 19.4 29.2

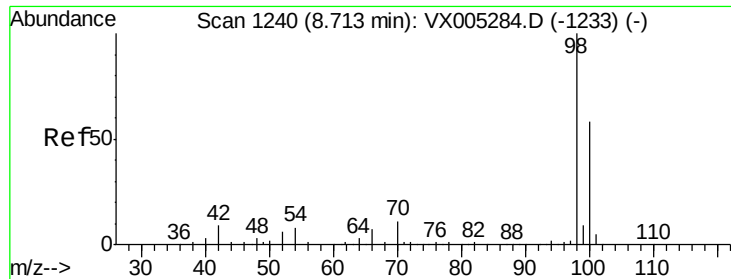


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

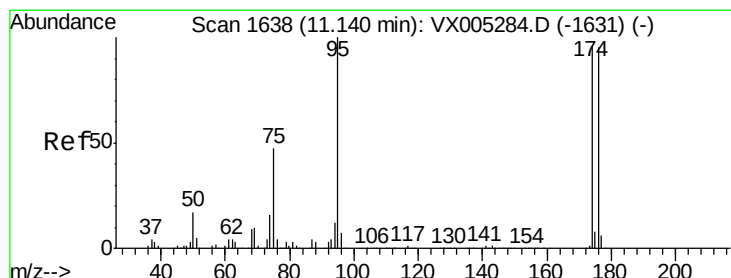
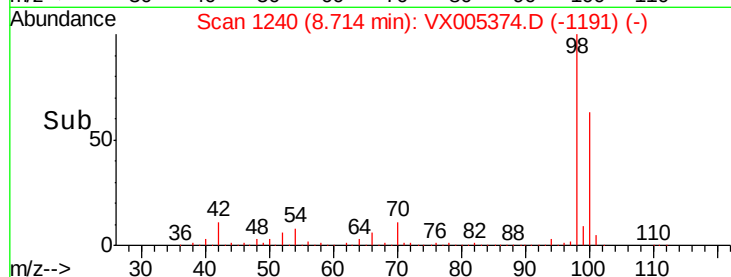
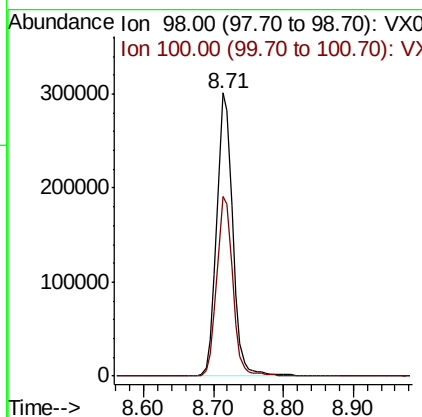
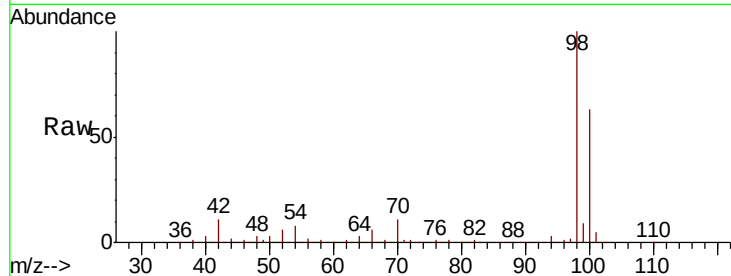




#50
Toluene-d8
Concen: 51.030 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005374.D
Acq: 16 Oct 2018 17:47

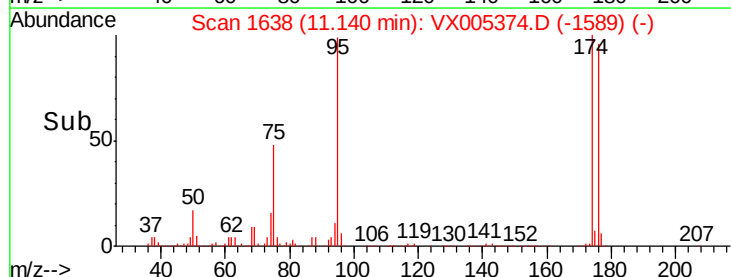
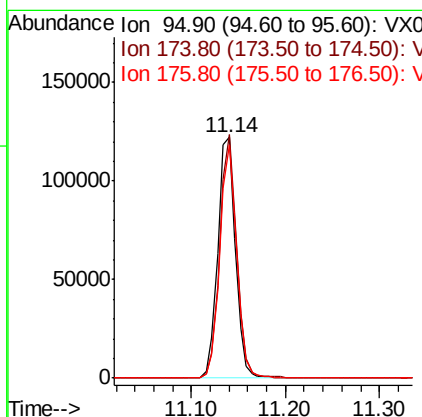
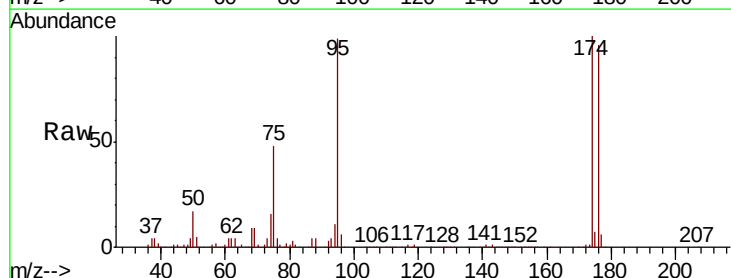
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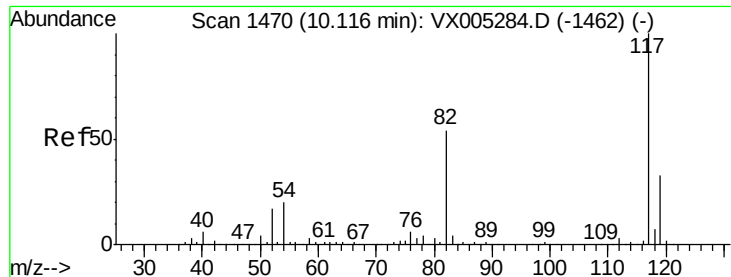
Tot Ion: 98 Resp: 483467
Ion Ratio Lower Upper
98 100
100 63.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.870 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005374.D
Acq: 16 Oct 2018 17:47

Tgt Ion: 95 Resp: 159697
Ion Ratio Lower Upper
95 100
174 96.5 0.0 185.2
176 92.5 0.0 178.6

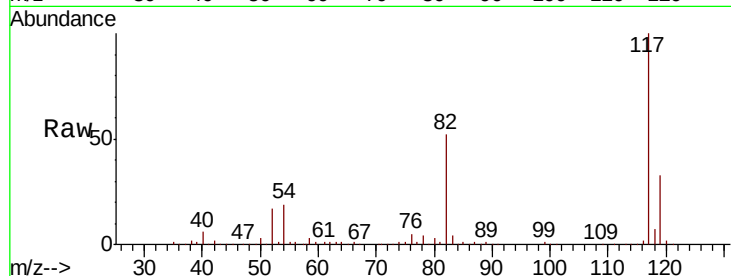




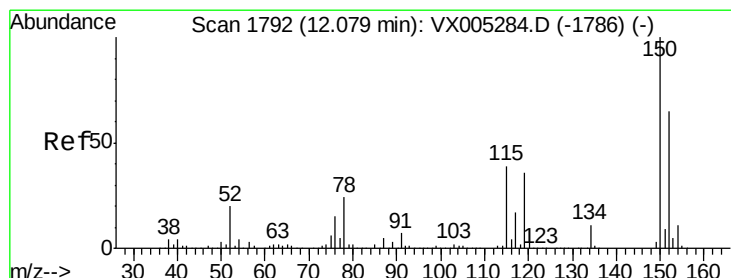
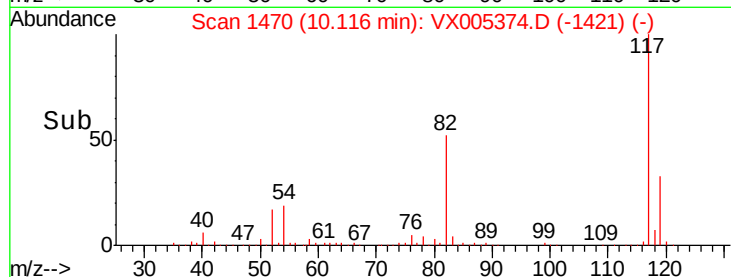
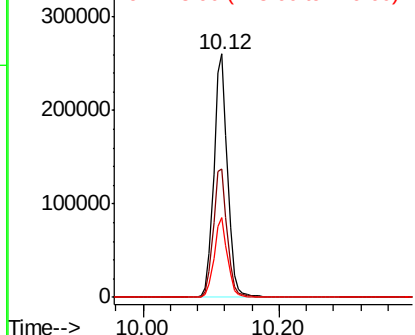
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005374.D
Acq: 16 Oct 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tot Ion:117 Resp: 363325
Ion Ratio Lower Upper
117 100
82 52.5 47.8 71.6
119 32.5 29.3 43.9

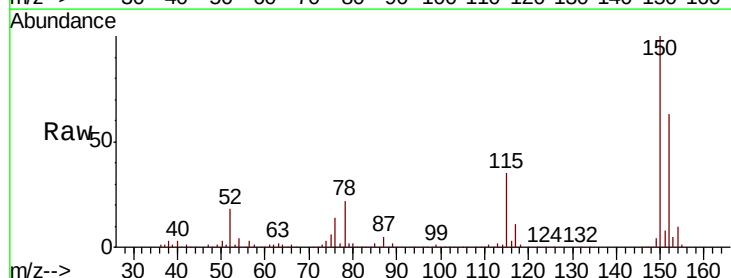


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005374.D
Acq: 16 Oct 2018 17:47

Tgt Ion:152 Resp: 177814
Ion Ratio Lower Upper
152 100
115 54.8 39.0 117.0
150 156.6 0.0 351.0



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

