

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010081.D
 Acq On : 05 Jun 2019 16:51
 Operator : JC/SP
 Sample : K3190-13 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306S-20190604

Manual Integrations
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 6/6/2019 9:32:18 AM

Quant Time: Jun 06 07:08:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	168441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	267971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111176m	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	110568	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
35) Dibromofluoromethane	5.50	113	81677	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	8.71	98	344092	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	118236	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	

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

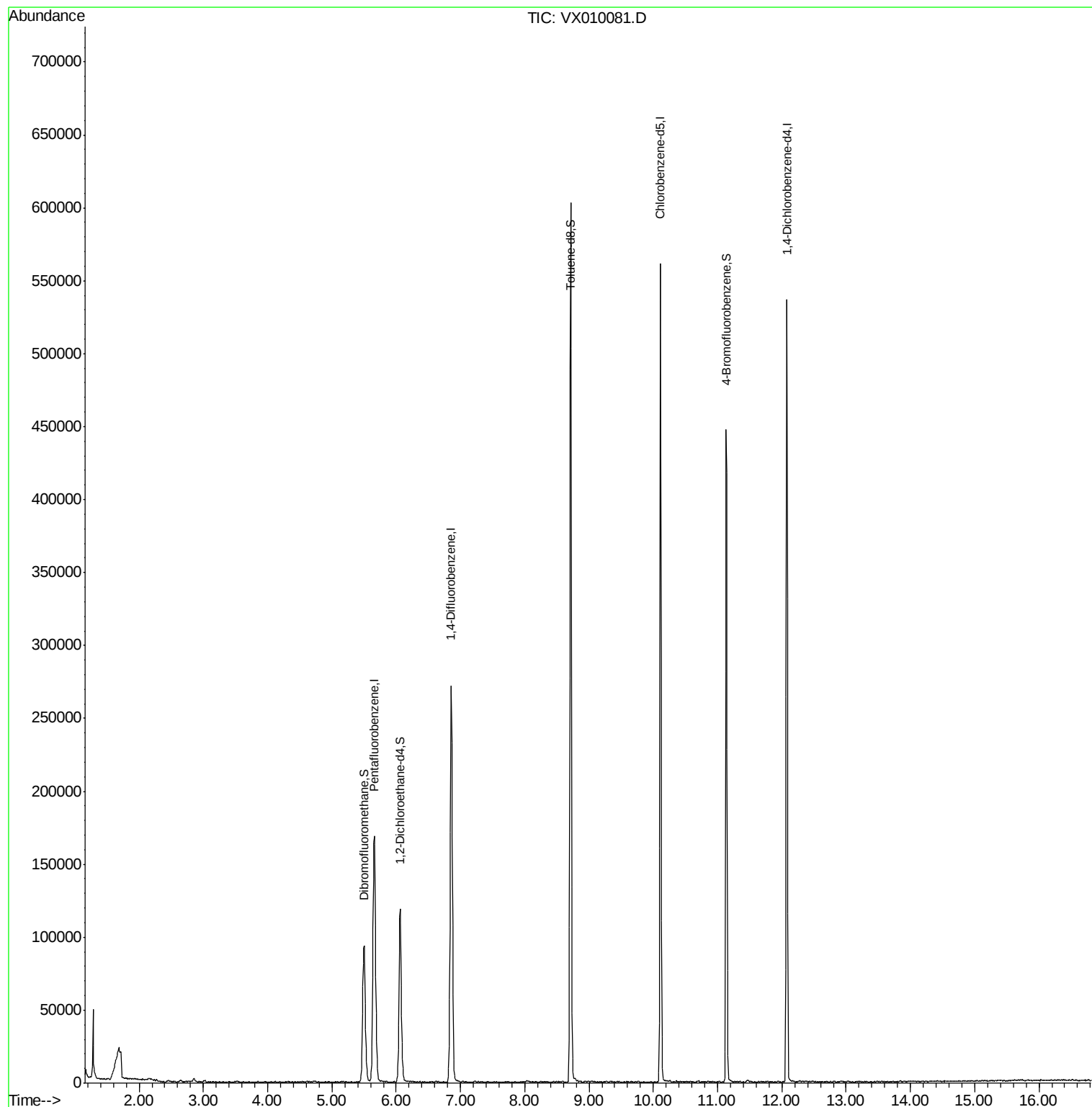
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060519\
Data File : VX010081.D
Acq On : 05 Jun 2019 16:51
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Sample : K3190-13 10X
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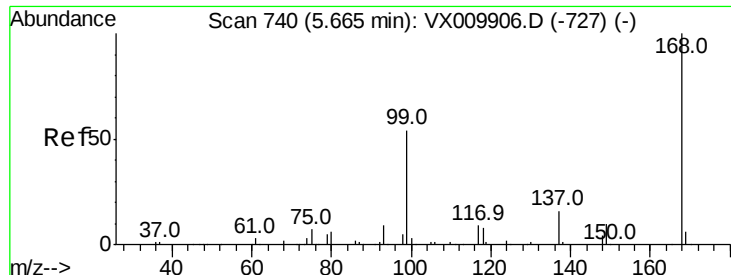
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306S-20190604

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Quant Time: Jun 06 07:08:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010081.D

Acq: 05 Jun 2019 16:51

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306S-20190604

Tot Ion:168 Resp: 168441

Ion Ratio Lower Upper

168 100

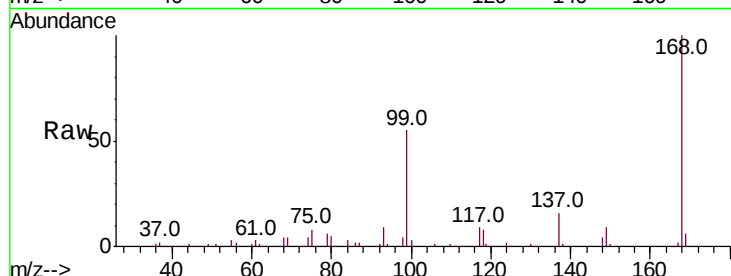
99 54.7 43.0 64.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

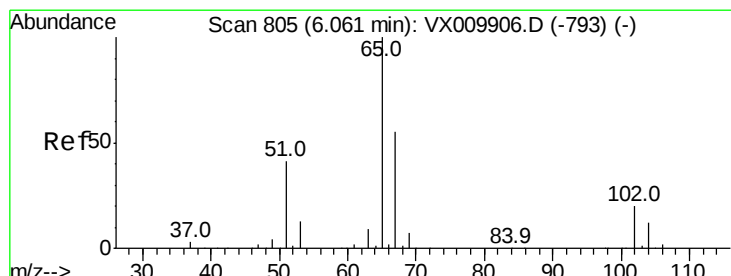
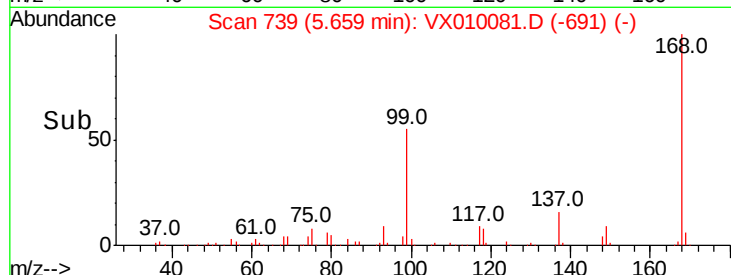
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.469 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010081.D

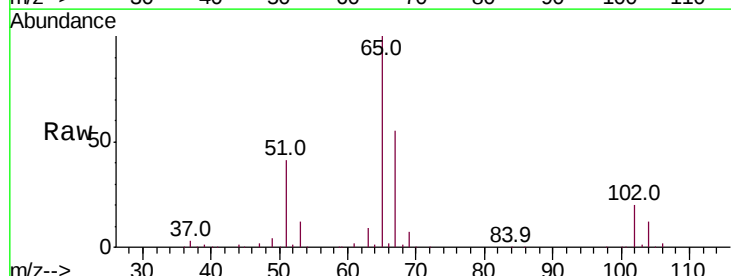
Acq: 05 Jun 2019 16:51

Tgt Ion: 65 Resp: 110568

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

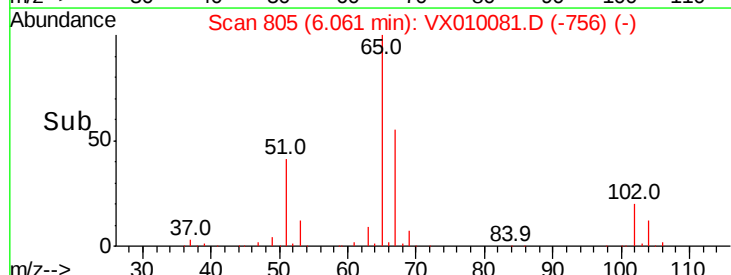
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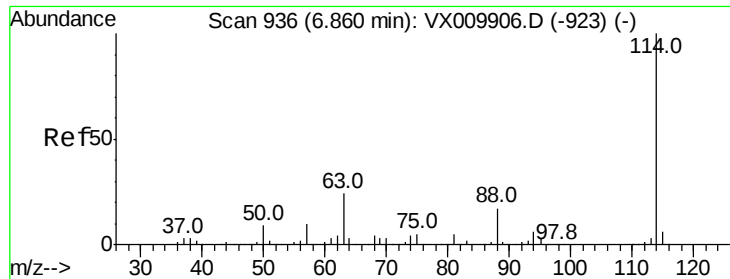
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0

Time-->

6.00 6.10 6.20





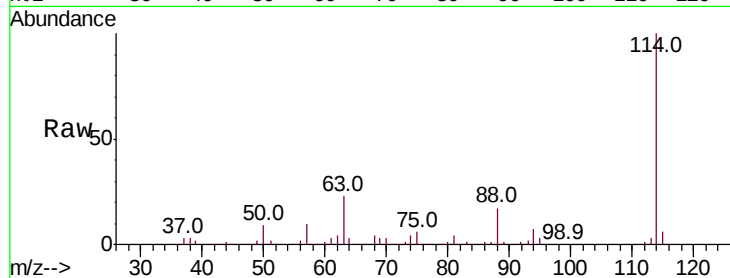
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010081.D
 Acq: 05 Jun 2019 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306S-20190604

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.9	0.0	47.4
88	17.1	0.0	33.0

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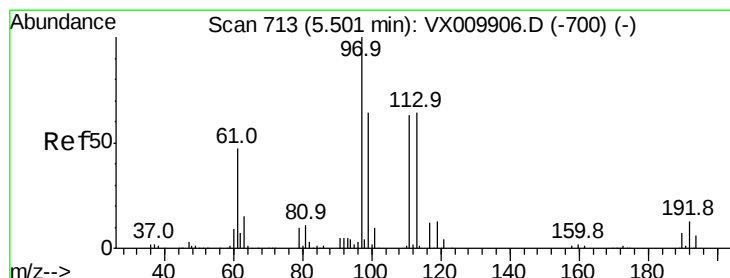
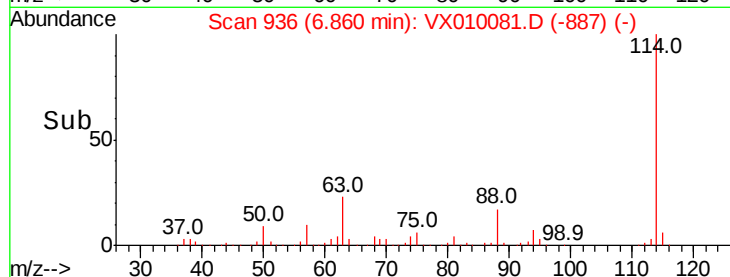
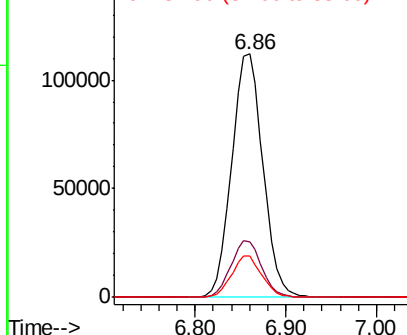


Abundance

Ion 113.90 (113.60 to 114.60): V

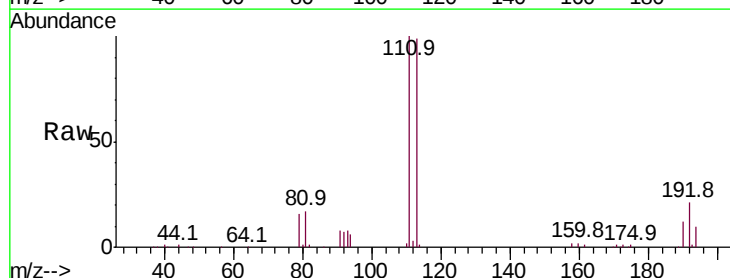
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 48.480 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010081.D
 Acq: 05 Jun 2019 16:51

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.7	82.2	123.2
192	21.7	17.1	25.7

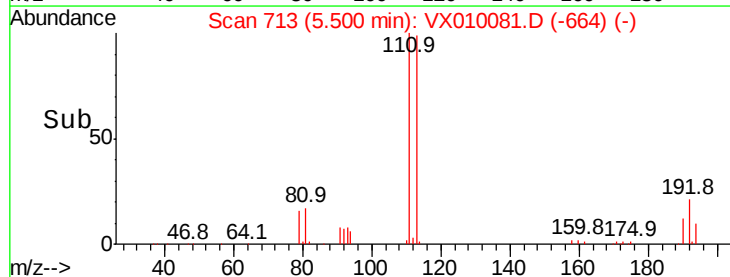
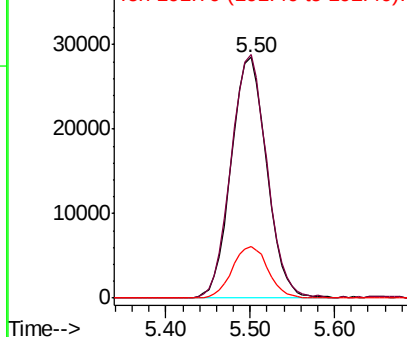


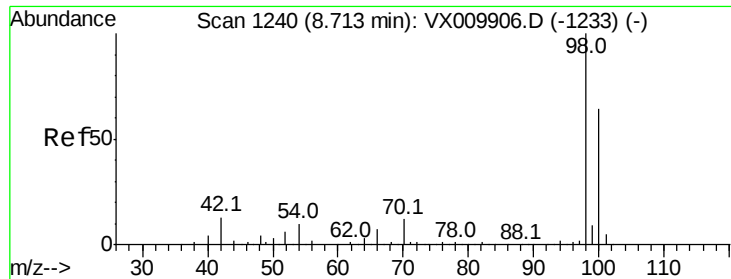
Abundance

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





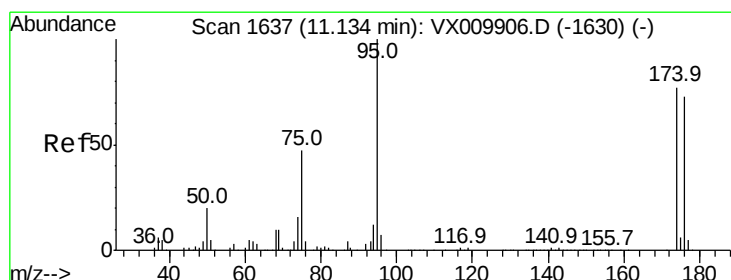
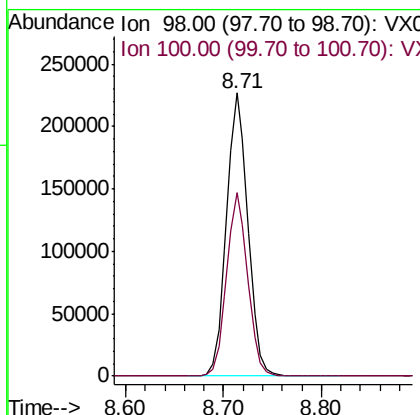
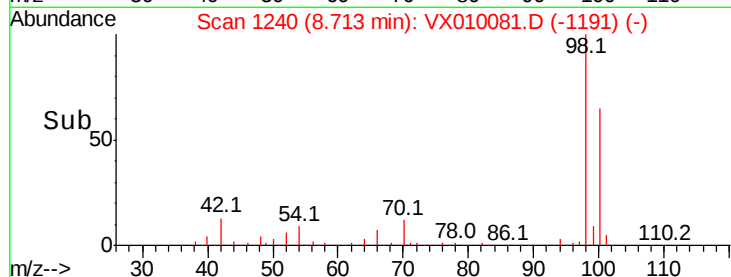
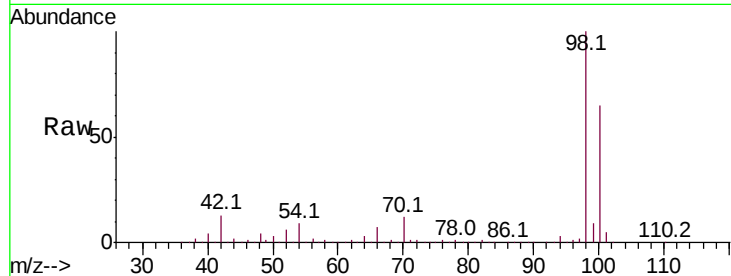
#50
Toluene-d8
Concen: 50.296 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010081.D
Acq: 05 Jun 2019 16:51

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306S-20190604

Tot Ion: 98 Resp: 344092
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3

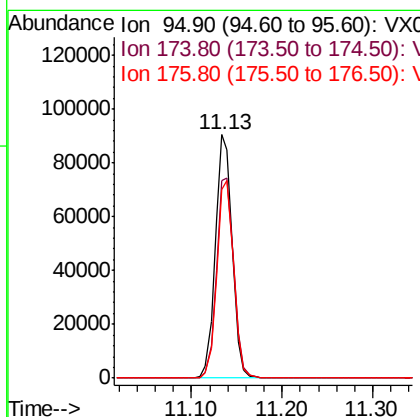
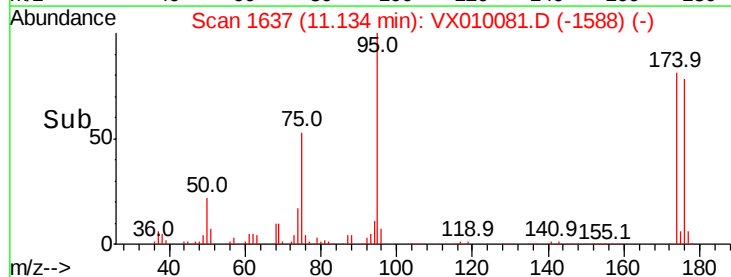
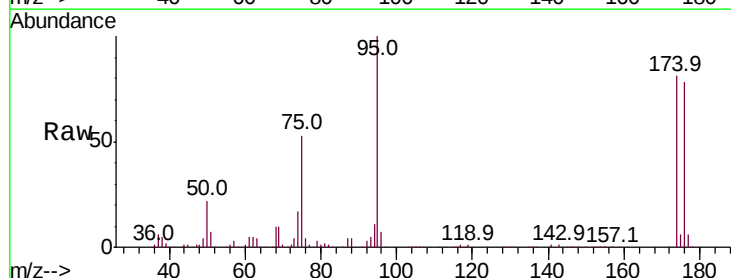
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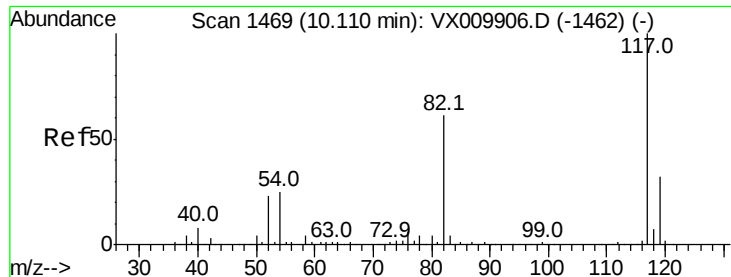
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#62
4-Bromofluorobenzene
Concen: 48.116 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010081.D
Acq: 05 Jun 2019 16:51

Tgt Ion: 95 Resp: 118236
Ion Ratio Lower Upper
95 100
174 84.0 0.0 160.4
176 80.7 0.0 154.6





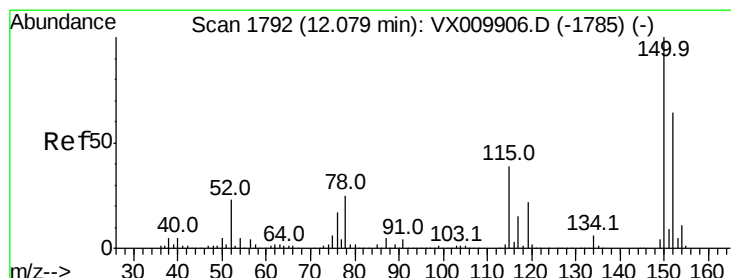
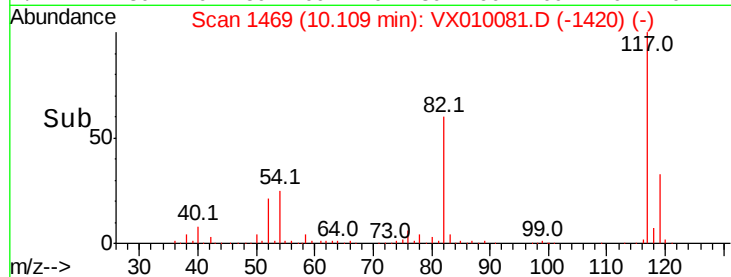
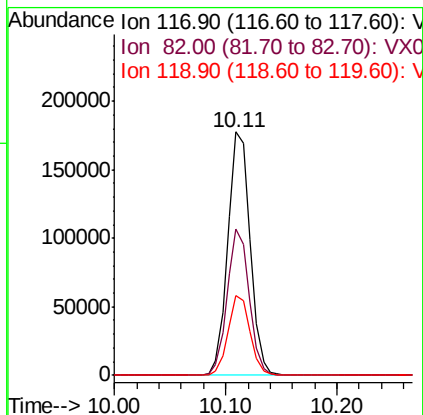
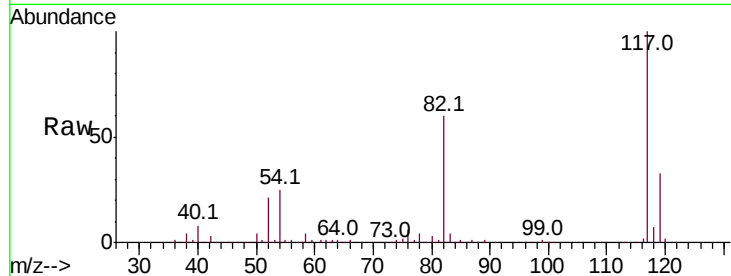
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010081.D
Acq: 05 Jun 2019 16:51

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306S-20190604

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	49.2	73.8
119	32.8	25.2	37.8

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010081.D
Acq: 05 Jun 2019 16:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	0.0	41.4	124.2#
150	0.0	0.0	345.2

