

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004610.D
 Acq On : 16 Sep 2018 03:32
 Operator : JC/MD
 Sample : J4913-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305I-20180911

Quant Time: Sep 17 09:08:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	250521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195940	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	165929	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
35) Dibromofluoromethane	5.49	113	146110	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	8.71	98	472774	46.23	ug/l	0.00
Spiked Amount			Recovery	=	92.46%	
62) 4-Bromofluorobenzene	11.14	95	162850	44.61	ug/l	0.00
Spiked Amount			Recovery	=	89.22%	

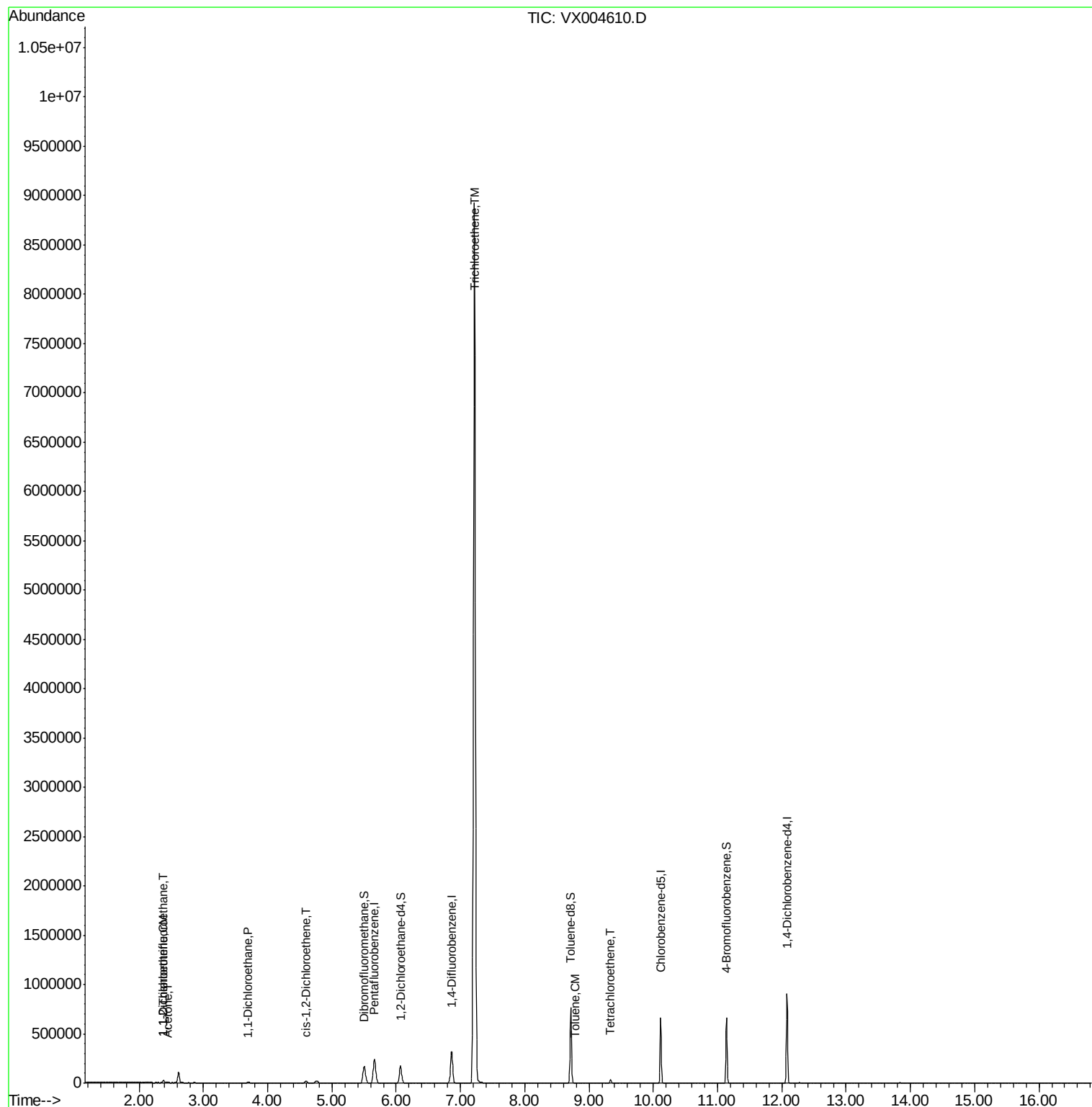
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4630	1.66	ug/l	97
12) 1,1-Dichloroethene	2.37	96	5488	2.10	ug/l	94
16) Acetone	2.45	43	2403	1.52	ug/l	90
24) 1,1-Dichloroethane	3.69	63	11000	2.01	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	12325	3.82	ug/l	91
44) Trichloroethene	7.22	130	3577259	1147.15	ug/l	96
52) Toluene	8.79	92	1434	0.20	ug/l	99
64) Tetrachloroethene	9.34	164	7440	1.90	ug/l	93

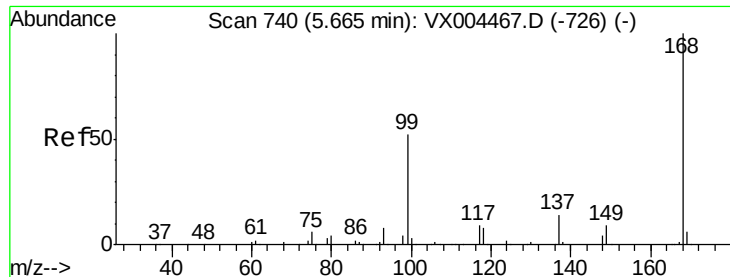
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091518\
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QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004610.D

Acq: 16 Sep 2018 03:32

Instrument :

MSVOA_X

ClientSampleId :

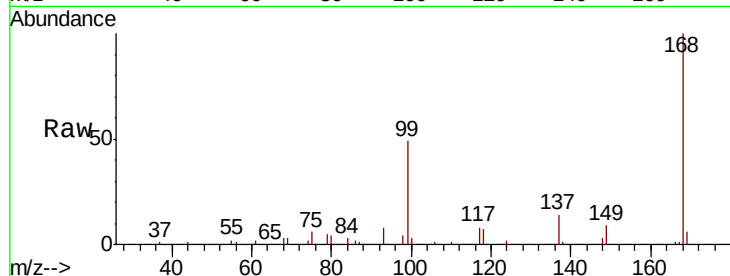
BPS1-TT-MW305I-20180911

Tot Ion:168 Resp: 250521

Ion Ratio Lower Upper

168 100

99 49.5 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

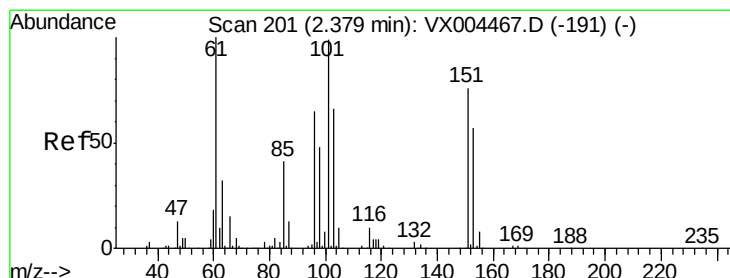
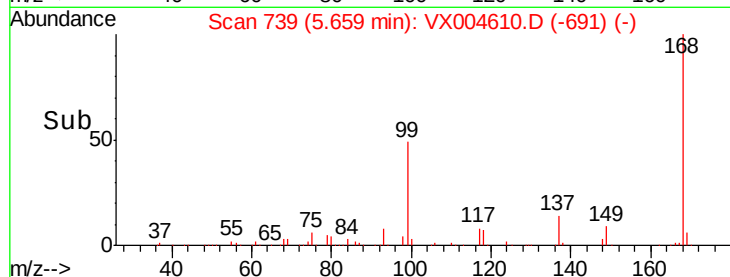
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.66 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004610.D

Acq: 16 Sep 2018 03:32

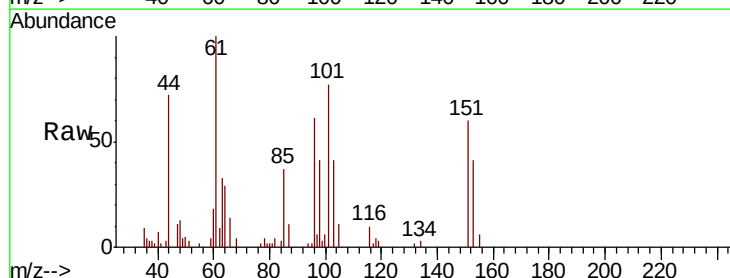
Tgt Ion:101 Resp: 4630

Ion Ratio Lower Upper

101 100

85 43.6 34.2 51.4

151 84.6 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.39

3000

2500

2000

1500

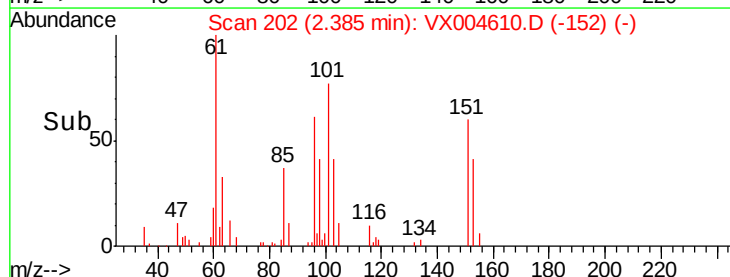
1000

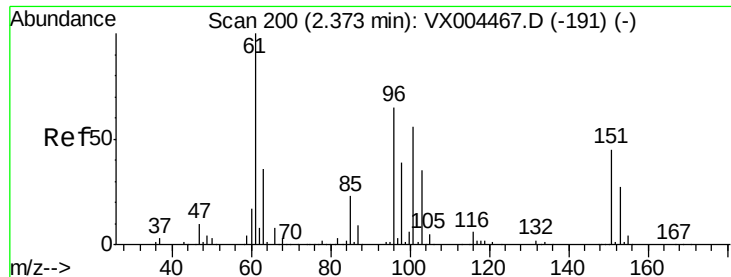
500

0

Time-->

2.30 2.35 2.40 2.45

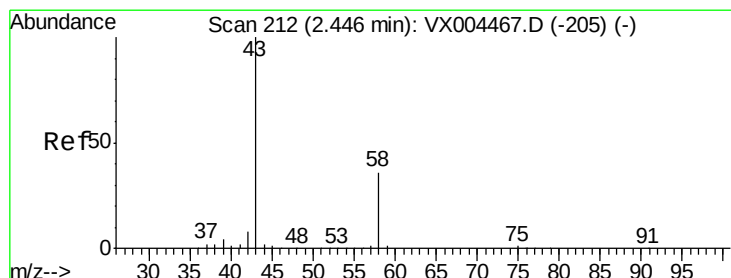
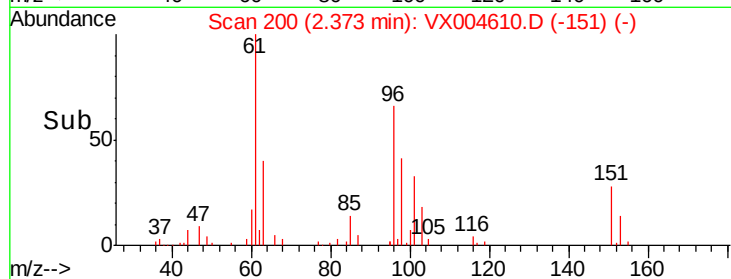
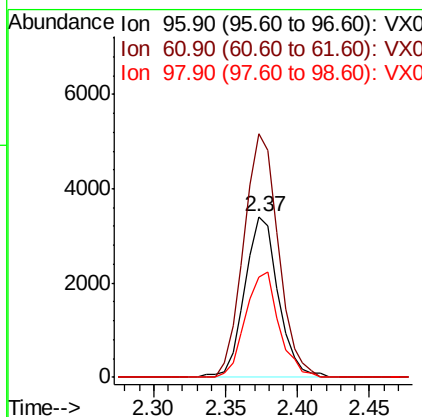
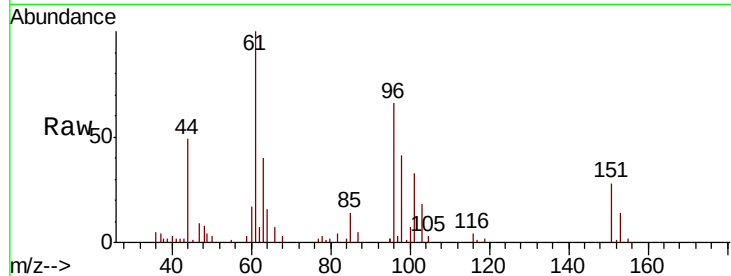




#12
 1,1-Dichloroethene
 Concen: 2.10 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX004610.D
 Acq: 16 Sep 2018 03:32

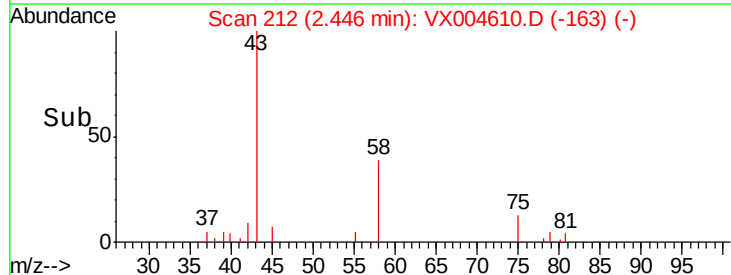
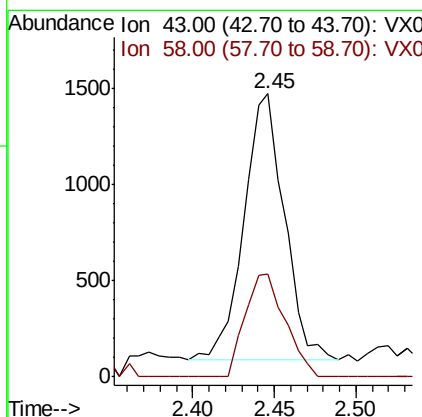
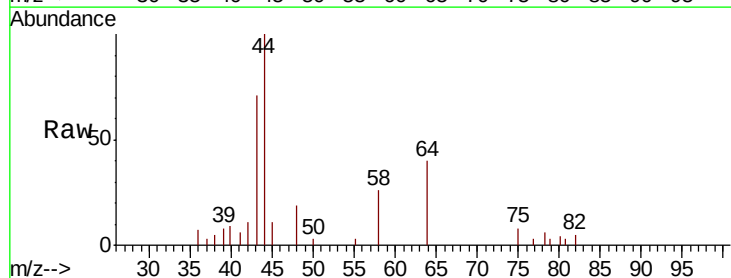
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 MSVOA_X
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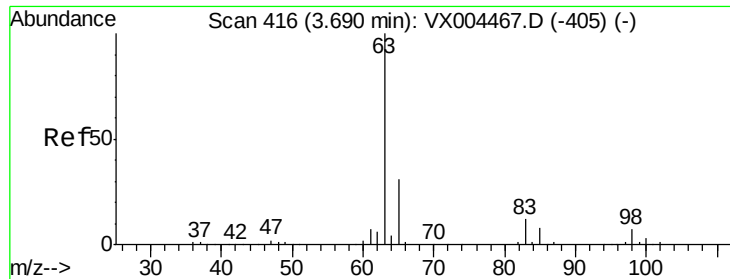
Tot Ion: 96 Resp: 5488
 Ion Ratio Lower Upper
 96 100
 61 151.4 128.8 193.2
 98 62.5 52.2 78.2



#16
 Acetone
 Concen: 1.52 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX004610.D
 Acq: 16 Sep 2018 03:32

Tgt Ion: 43 Resp: 2403
 Ion Ratio Lower Upper
 43 100
 58 38.5 26.2 39.4

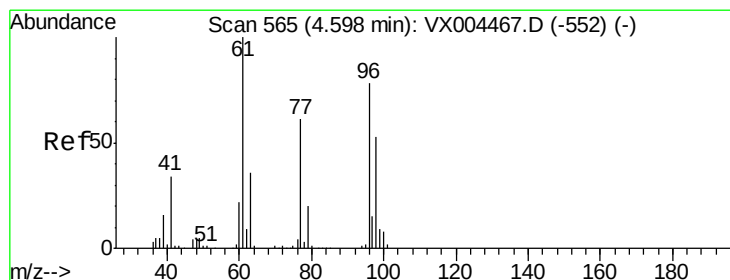
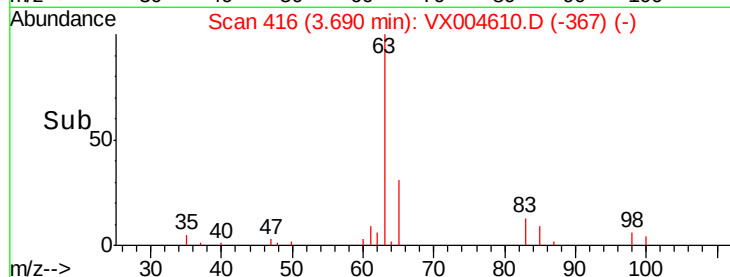
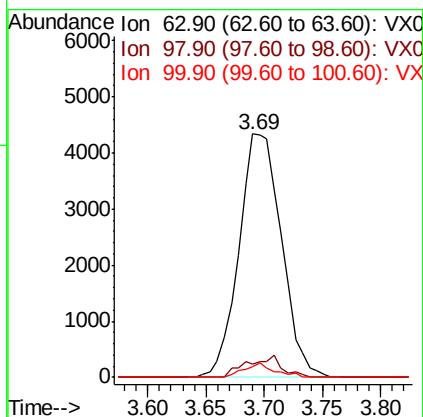
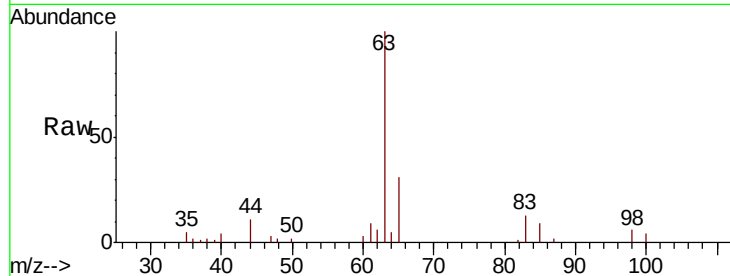




#24
 1,1-Dichloroethane
 Concen: 2.01 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: VX004610.D
 Acq: 16 Sep 2018 03:32

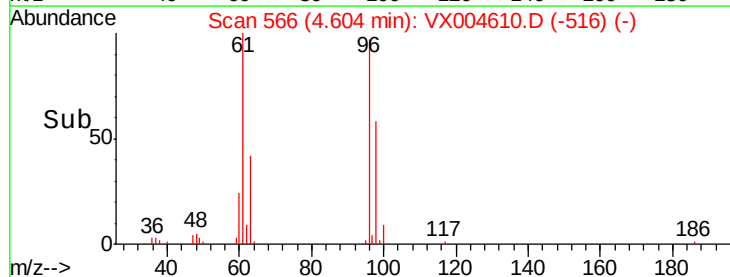
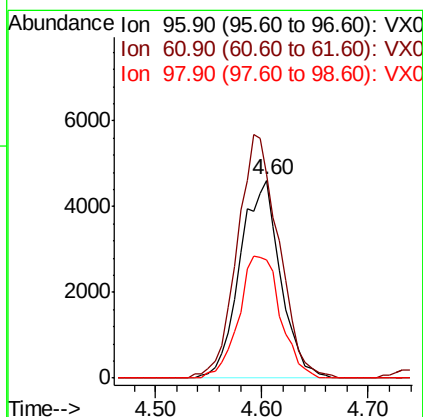
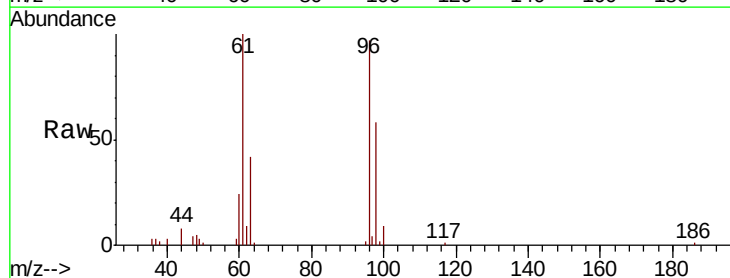
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305I-20180911

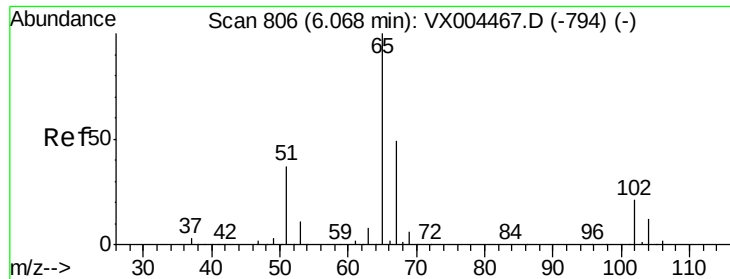
Tot Ion	Ratio	Lower	Upper
63	100		
98	5.7	3.5	10.4
100	4.3	2.4	7.1



#27
 cis-1,2-Dichloroethene
 Concen: 3.82 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX004610.D
 Acq: 16 Sep 2018 03:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	126.0	0.0	282.6
98	63.3	0.0	130.2

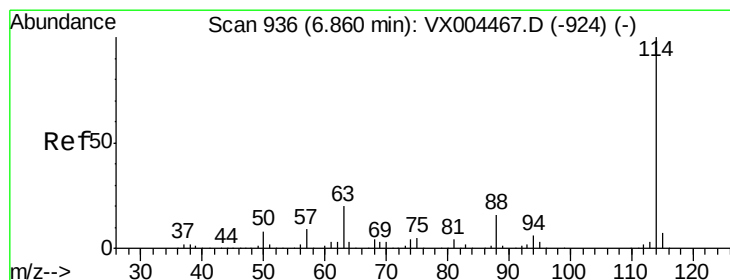
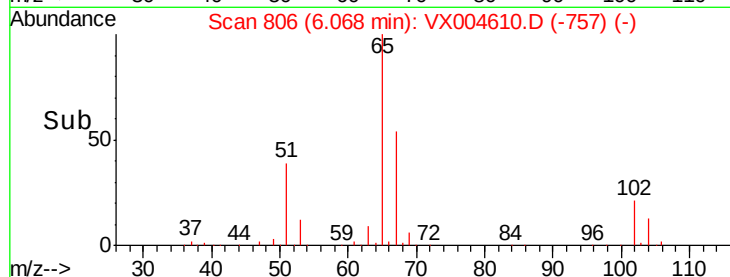
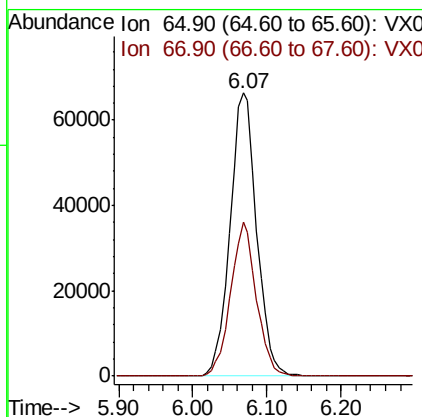
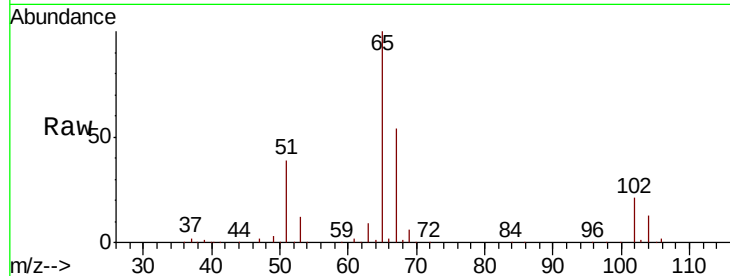




#33
 1,2-Dichloroethane-d4
 Concen: 51.37 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004610.D
 Acq: 16 Sep 2018 03:32

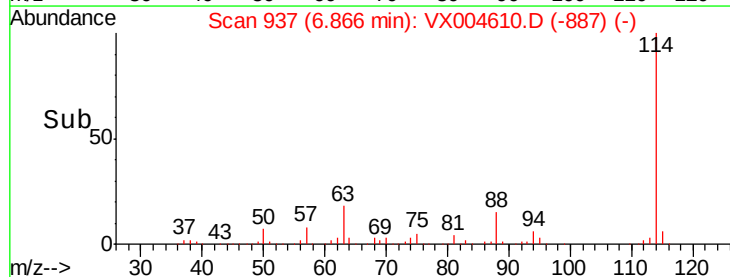
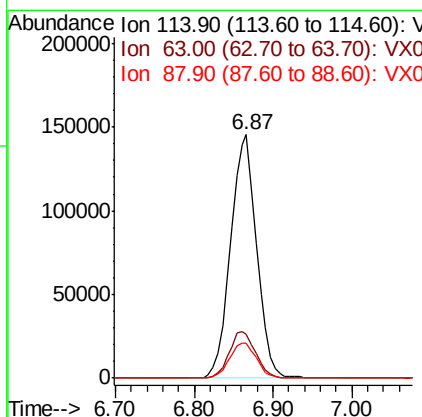
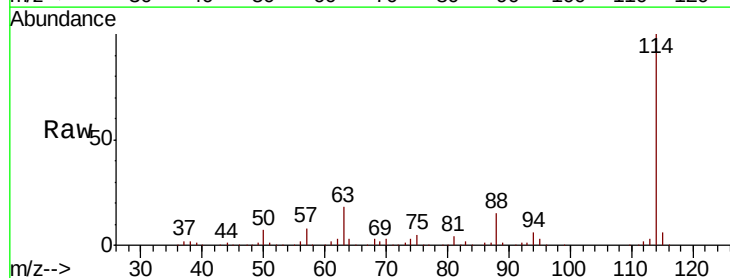
Instrument :
 MSVOA_X
 ClientSampleId :
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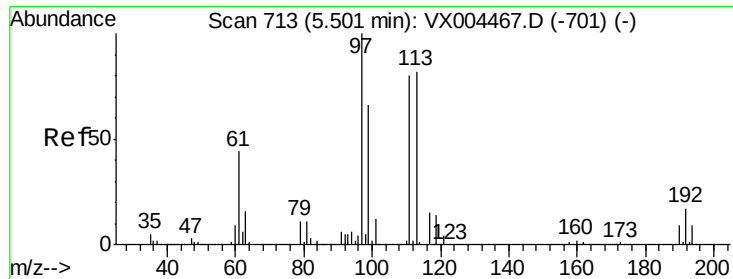
Tot Ion: 65 Resp: 165929
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004610.D
 Acq: 16 Sep 2018 03:32

Tgt Ion: 114 Resp: 333219
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.0
 88 14.6 0.0 30.4

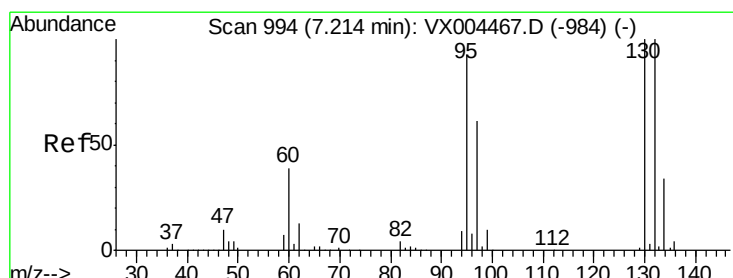
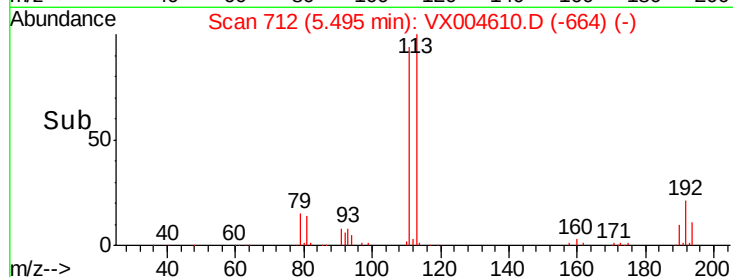
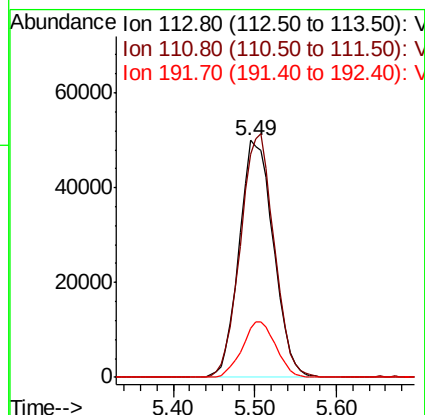
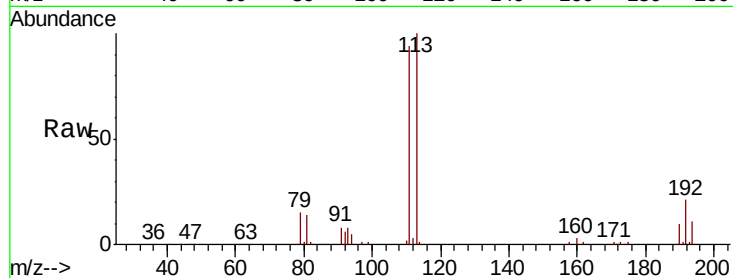




#35
 Dibromofluoromethane
 Concen: 47.92 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX004610.D
 Acq: 16 Sep 2018 03:32

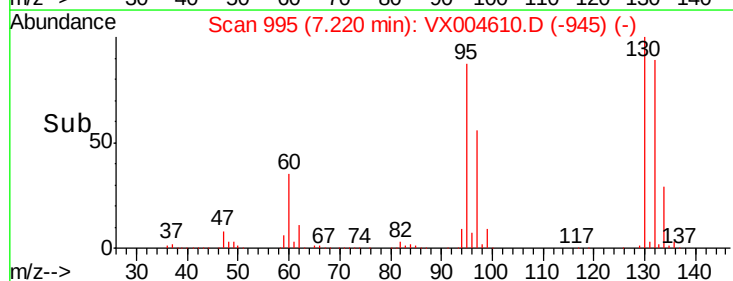
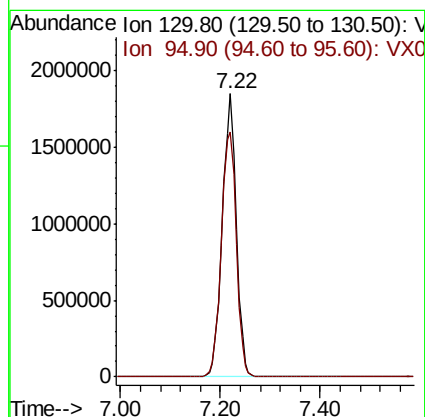
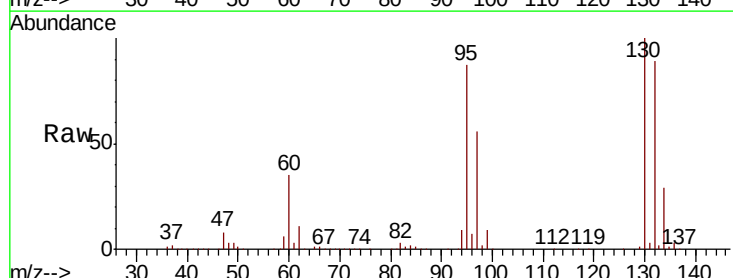
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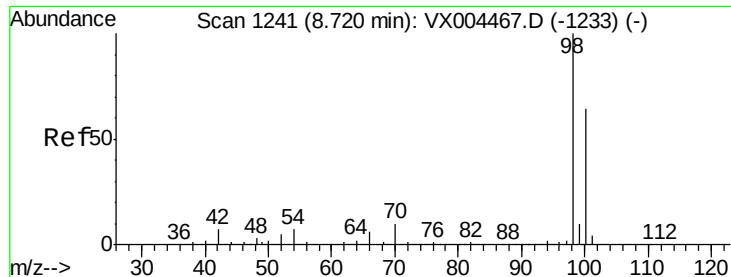
Tot Ion:113 Resp: 146110
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.4 123.6
 192 23.1 19.4 29.2



#44
 Trichloroethene
 Concen: 1147.15 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX004610.D
 Acq: 16 Sep 2018 03:32

Tgt Ion:130 Resp: 3577259
 Ion Ratio Lower Upper
 130 100
 95 86.7 0.0 181.6

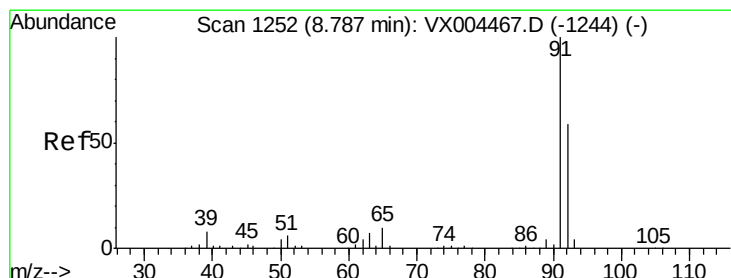
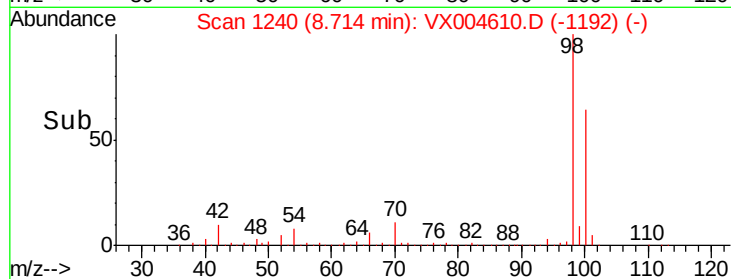
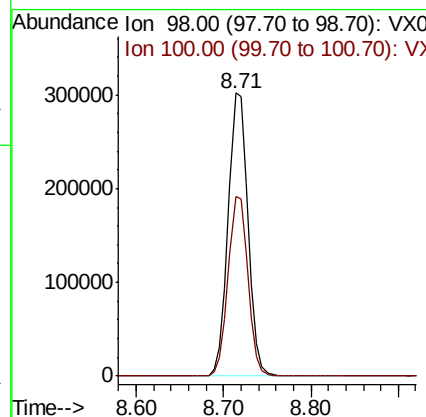
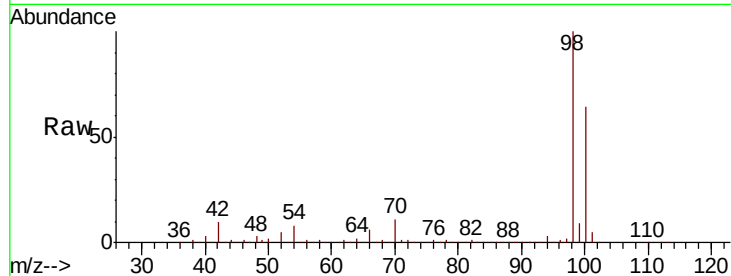




#50
Toluene-d8
Concen: 46.23 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004610.D
Acq: 16 Sep 2018 03:32

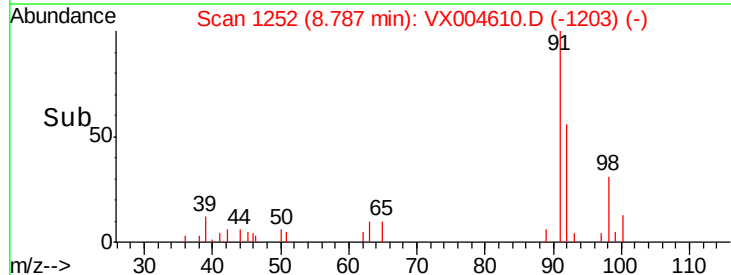
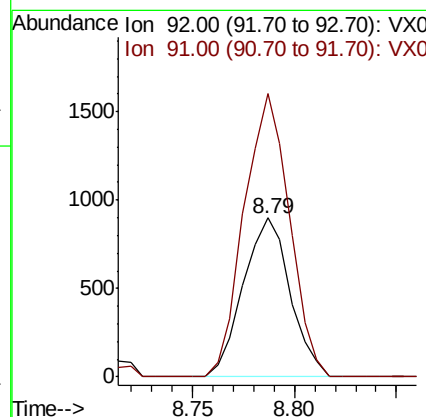
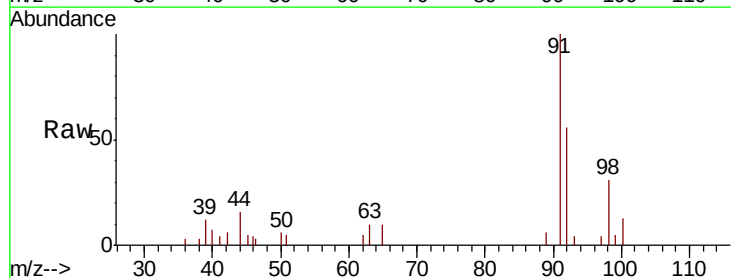
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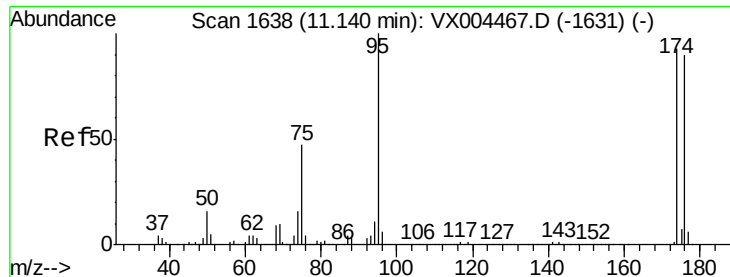
Tot Ion: 98 Resp: 472774
Ion Ratio Lower Upper
98 100
100 63.7 52.9 79.3



#52
Toluene
Concen: 0.20 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004610.D
Acq: 16 Sep 2018 03:32

Tgt Ion: 92 Resp: 1434
Ion Ratio Lower Upper
92 100
91 172.3 136.4 204.6

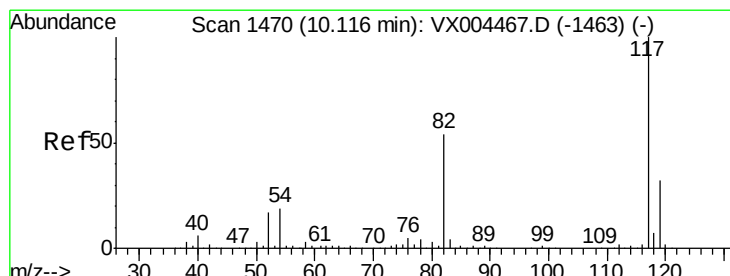
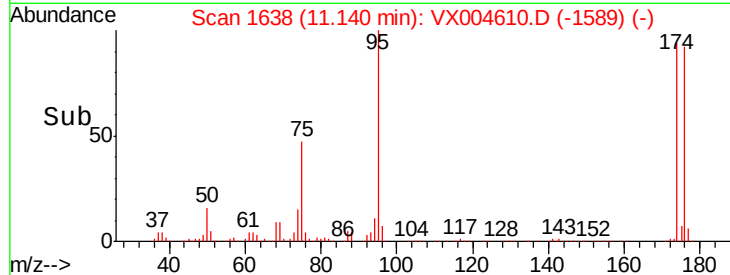
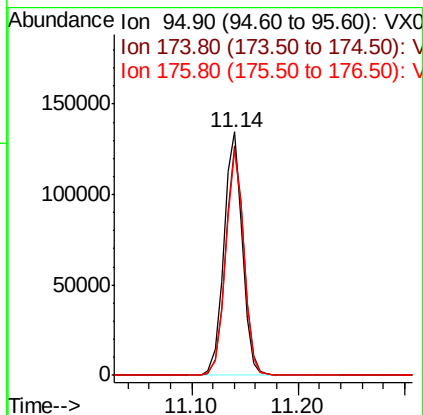
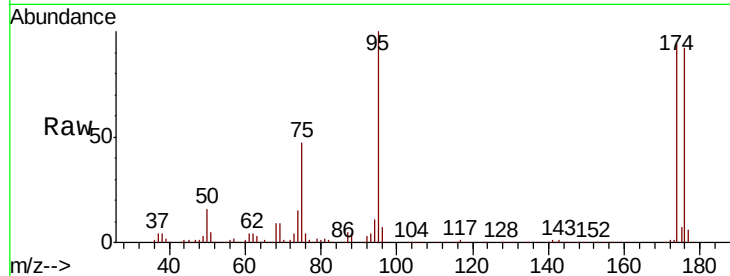




#62
4-Bromofluorobenzene
Concen: 44.61 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004610.D
Acq: 16 Sep 2018 03:32

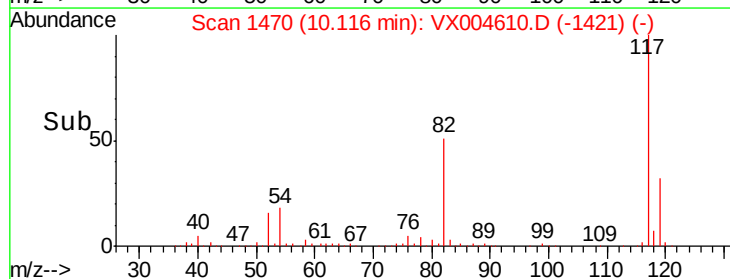
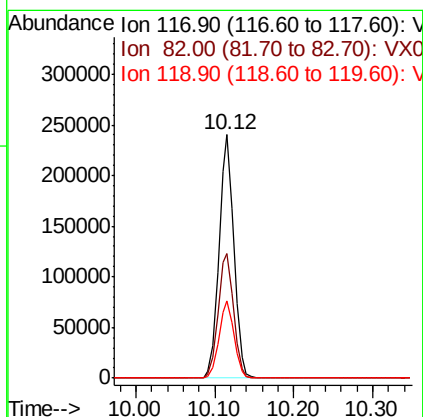
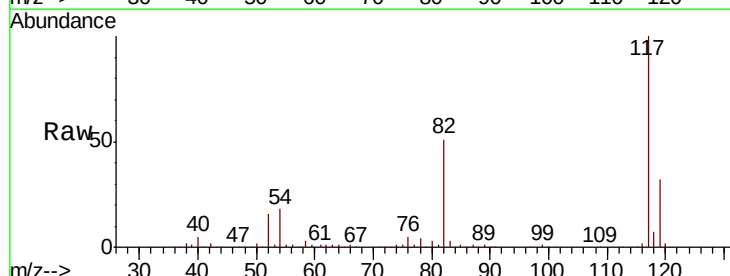
Instrument :
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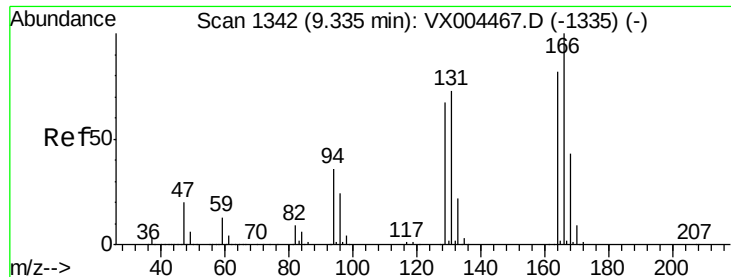
Tot Ion: 95 Resp: 162850
Ion Ratio Lower Upper
95 100
174 93.4 0.0 185.2
176 91.1 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004610.D
Acq: 16 Sep 2018 03:32

Tgt Ion: 117 Resp: 314340
Ion Ratio Lower Upper
117 100
82 51.3 47.8 71.6
119 31.5 29.3 43.9





#64

Tetrachloroethene

Concen: 1.90 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX004610.D

Acq: 16 Sep 2018 03:32

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305I-20180911

Tot Ion:164 Resp: 7440

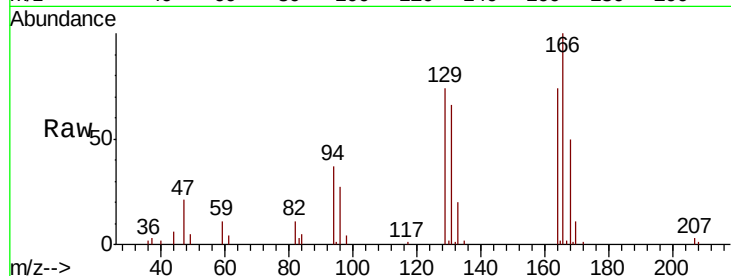
Ion Ratio Lower Upper

164 100

166 134.5 102.8 154.2

129 100.1 69.4 104.0

131 88.3 67.9 101.9



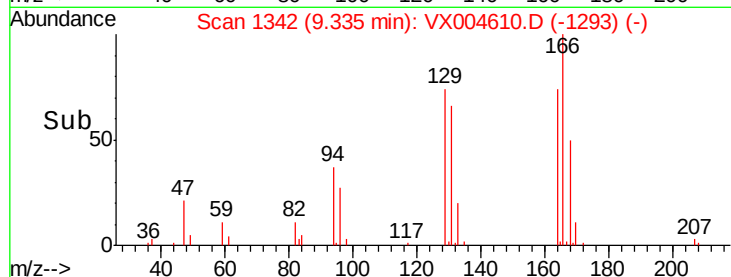
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

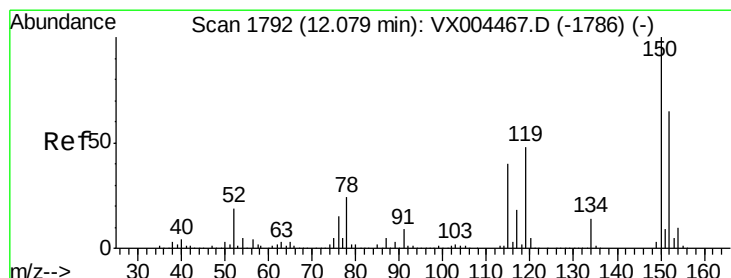
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004610.D

Acq: 16 Sep 2018 03:32

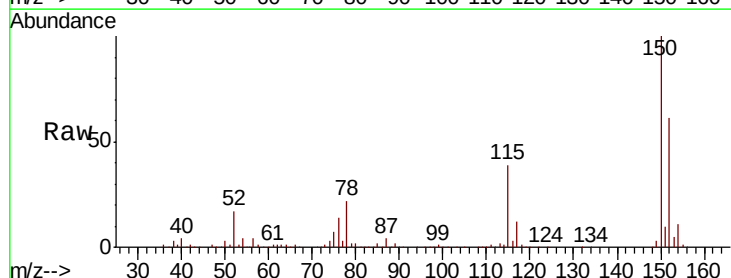
Tgt Ion:152 Resp: 195940

Ion Ratio Lower Upper

152 100

115 56.1 39.0 117.0

150 158.9 0.0 351.0

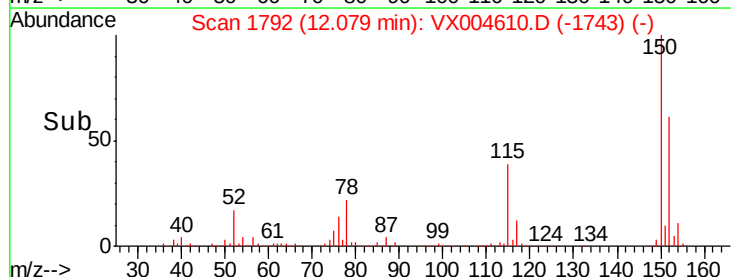


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



Time-->