

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060594.D
 Acq On : 6 Nov 2018 4:48
 Operator : VA/AP
 Sample : J5767-01
 Misc : 8.53/5mL/MSVOA-F/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-110118-A

Manual Integrations
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 11/6/2018 12:53:55 PM

Quant Time: Nov 06 08:01:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	200649	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	445352	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	324358	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	191011	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	108132	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
35) Dibromofluoromethane	4.12	113	146644	42.62	ug/l	0.01
Spiked Amount 50.000			Recovery	=	85.24%	
50) Toluene-d8	7.56	98	165764	16.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	32.52%	
62) 4-Bromofluorobenzene	11.42	95	169124	37.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.86%	
Target Compounds						
20) Methylene Chloride	2.19	84	16238m	6.736	ug/l	Qvalue
52) Toluene	7.63	92	37140	4.790	ug/l	91

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

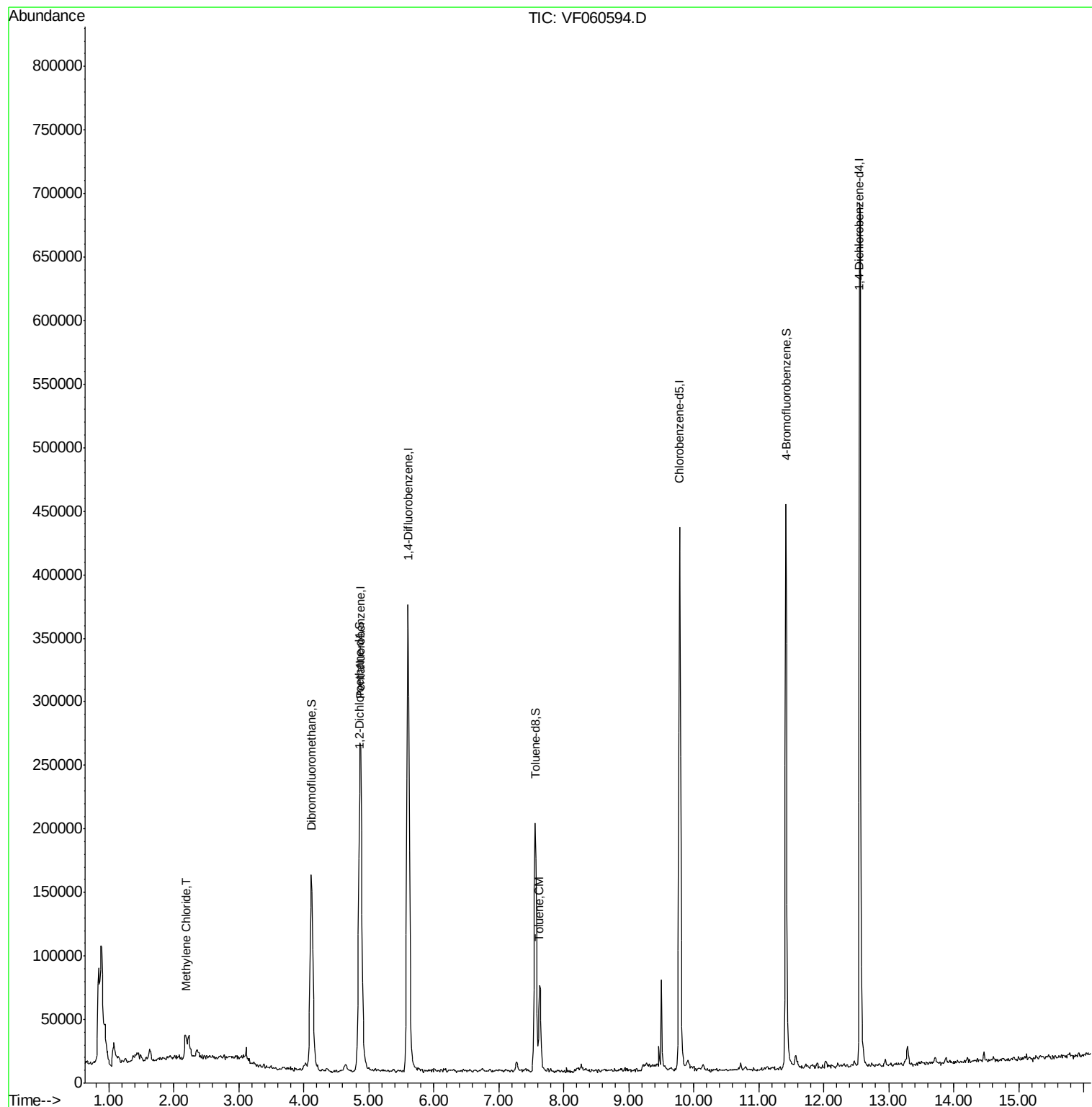
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Data File : VF060594.D
Acq On : 6 Nov 2018 4:48
Operator : VA/AP
Sample : J5767-01
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ALS Vial : 36 Sample Multiplier: 1

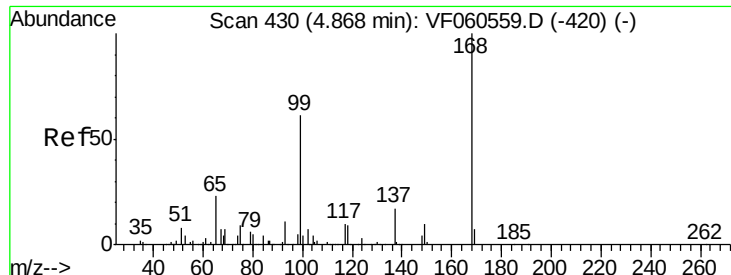
Instrument :
MSVOA_F
ClientSampleId :
CL-02-110118-A

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Quant Time: Nov 06 08:01:00 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF060594.D

Acq: 6 Nov 2018 4:48

Instrument :

MSVOA_F

ClientSampleId :

CL-02-110118-A

Tot Ion:168 Resp: 200649

Ion Ratio Lower Upper

168 100

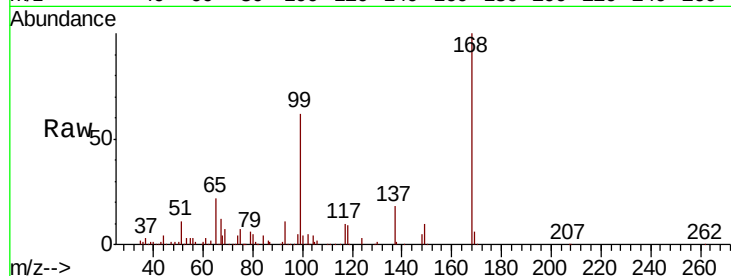
99 62.4 48.6 72.8

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.88

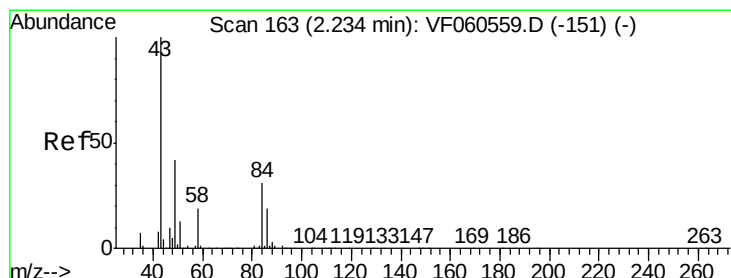
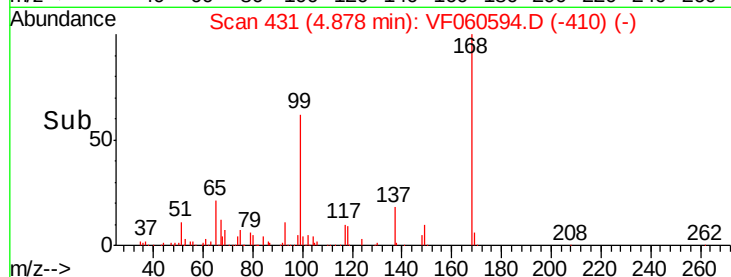
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 6.736 ug/l m

RT: 2.19 min Scan# 158

Delta R.T. -0.05 min

Lab File: VF060594.D

Acq: 6 Nov 2018 4:48

Tgt Ion: 84 Resp: 16238

Ion Ratio Lower Upper

84 100

49 161.2 109.9 164.9

51 61.7 35.8 53.8#

86 65.8 48.3 72.5

Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

8000

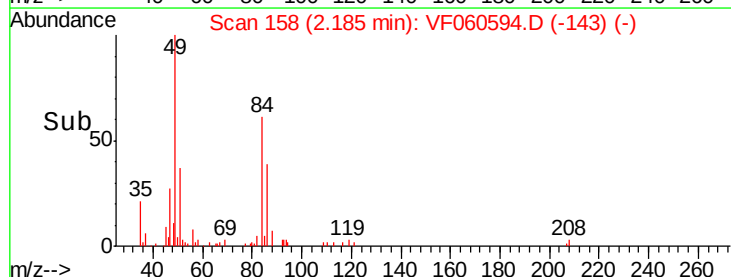
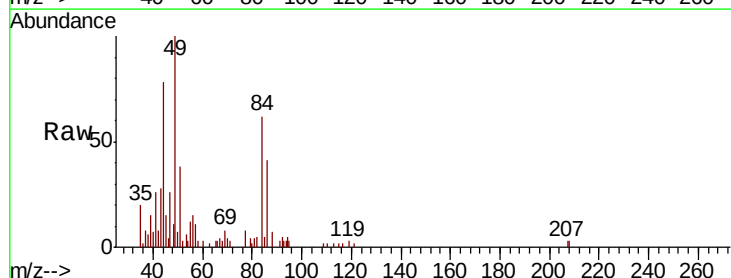
6000

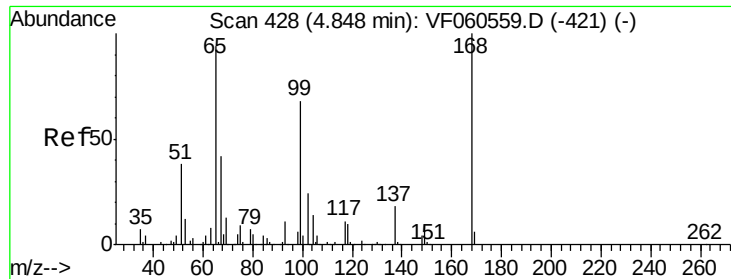
4000

2000

0

Time-->





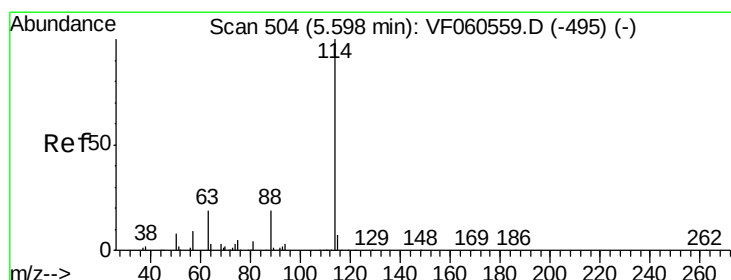
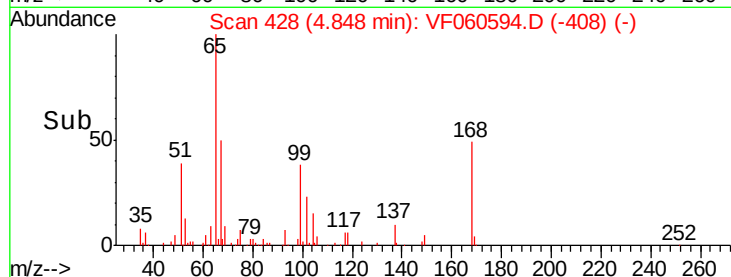
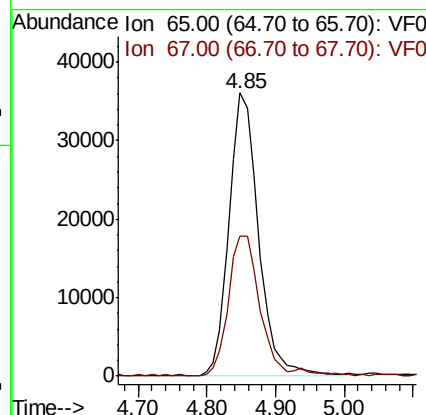
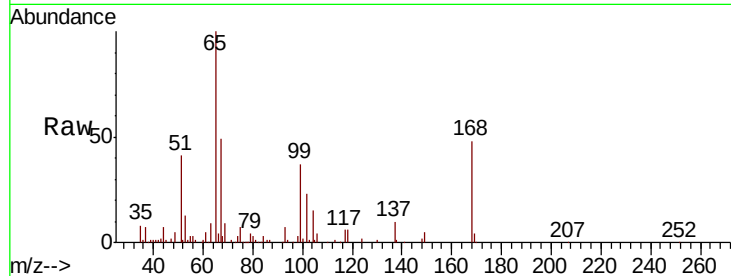
#33
 1,2-Dichloroethane-d4
 Concen: 53.338 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: VF060594.D
 Acq: 6 Nov 2018 4:48

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-110118-A

Tot Ion	Ratio	Resp	Lower	Upper
65	100	108132		
67	49.4	0.0	101.8	

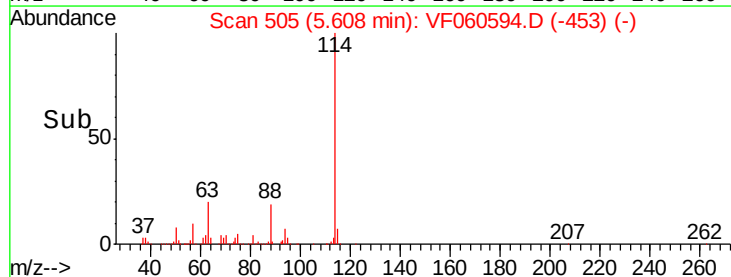
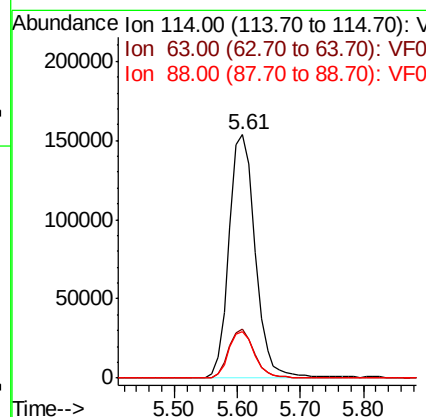
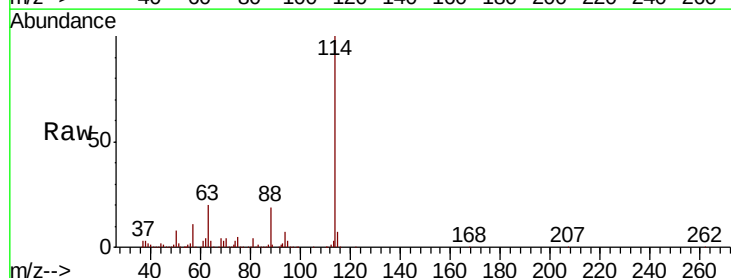
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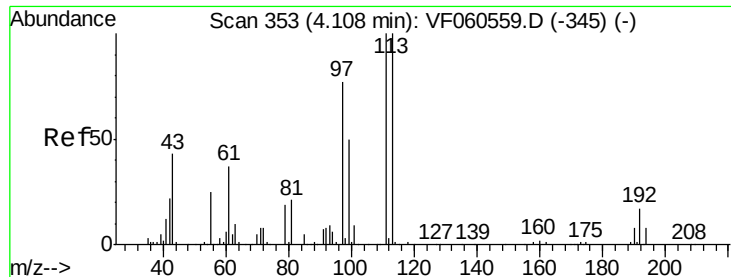
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: VF060594.D
 Acq: 6 Nov 2018 4:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	445352		
63	20.3	0.0	39.0	
88	18.9	0.0	38.2	





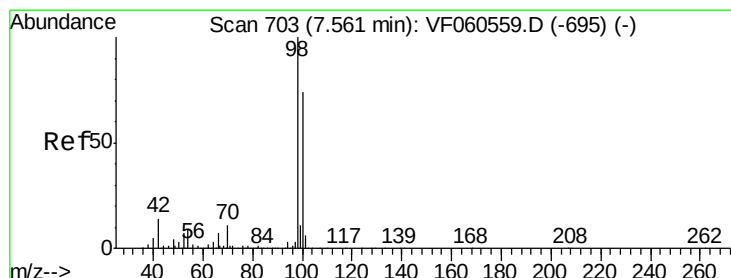
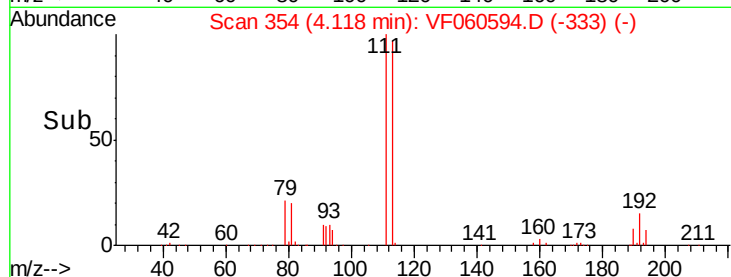
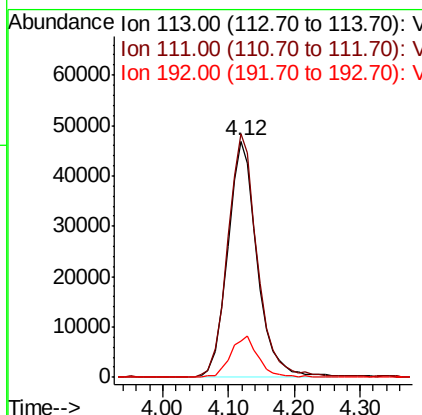
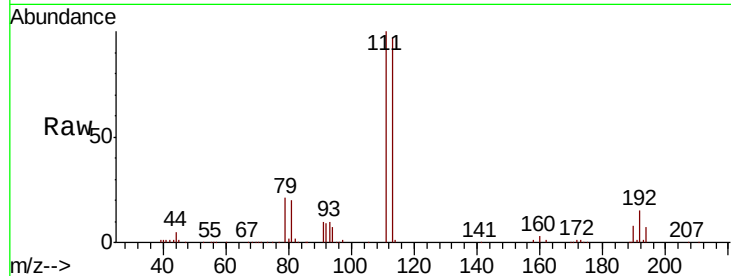
#35
Dibromofluoromethane
Concen: 42.619 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF060594.D
Acq: 6 Nov 2018 4:48

Instrument :
MSVOA_F
ClientSampleId :
CL-02-110118-A

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	79.9	119.9
192	15.5	13.3	19.9

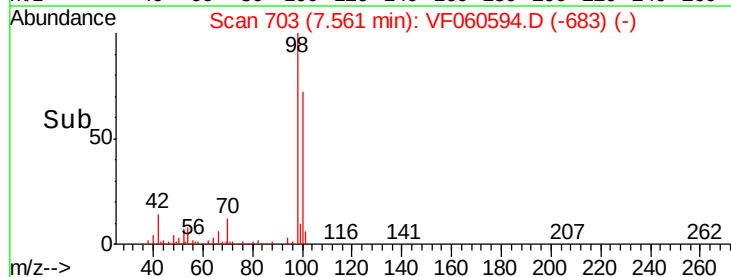
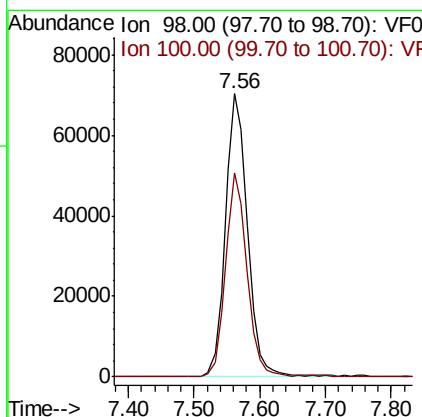
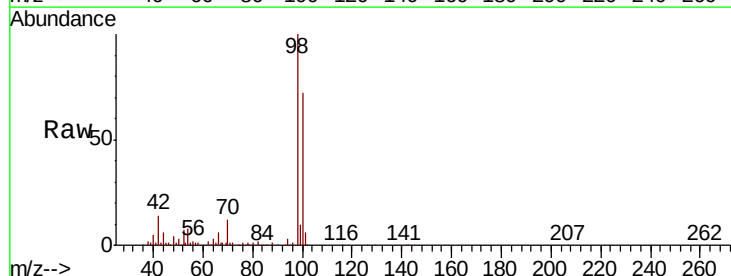
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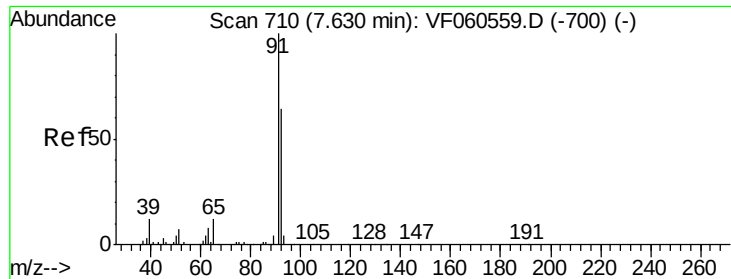
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#50
Toluene-d8
Concen: 16.263 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060594.D
Acq: 6 Nov 2018 4:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	72.0	59.4	89.2





#52

Toluene

Concen: 4.790 ug/l

RT: 7.63 min Scan# 710

Delta R.T. 0.00 min

Lab File: VF060594.D

Acq: 6 Nov 2018 4:48

Instrument :

MSVOA_F

ClientSampleId :

CL-02-110118-A

Tot Ion: 92 Resp: 37140

Ion Ratio Lower Upper

92 100

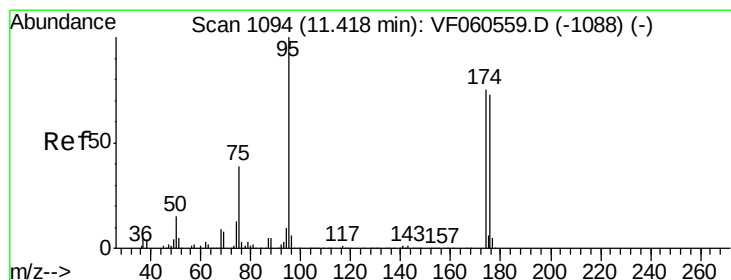
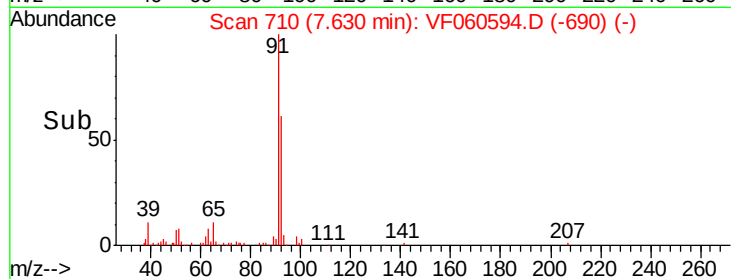
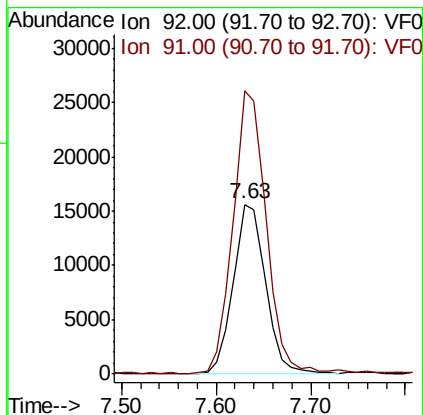
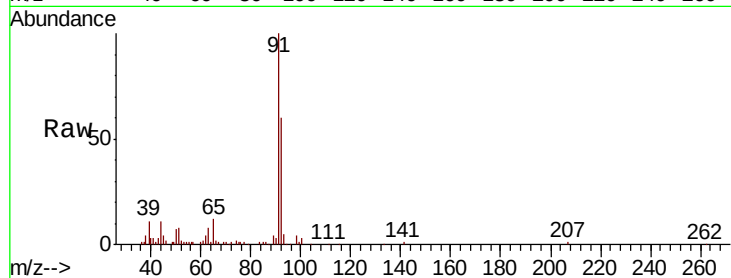
91 166.7 124.5 186.7

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#62

4-Bromofluorobenzene

Concen: 37.934 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF060594.D

Acq: 6 Nov 2018 4:48

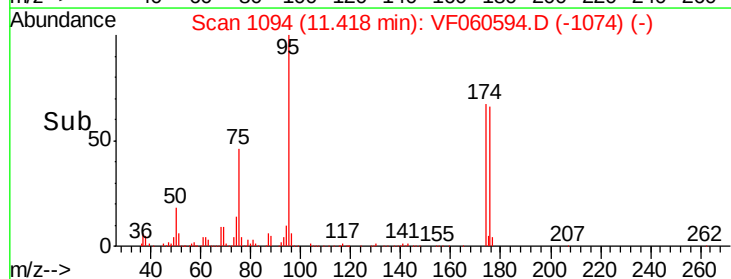
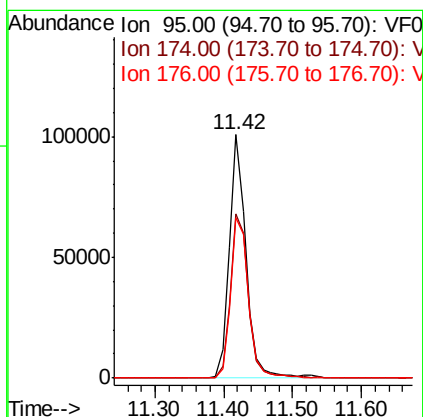
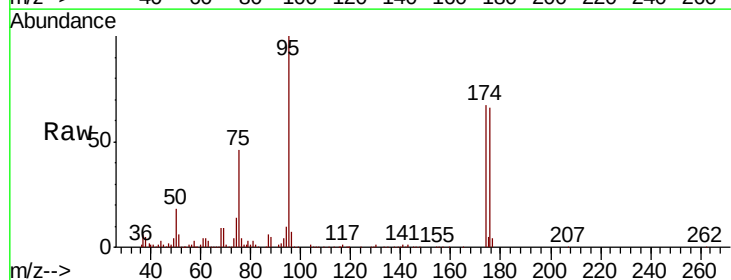
Tgt Ion: 95 Resp: 169124

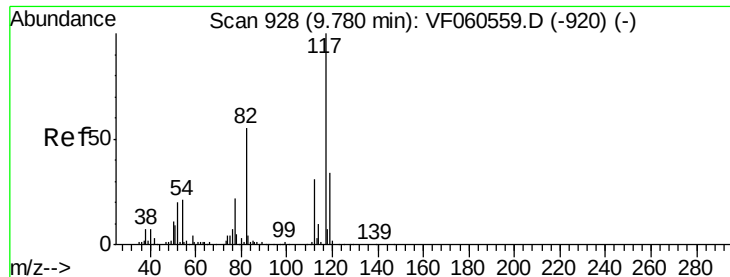
Ion Ratio Lower Upper

95 100

174 67.2 0.0 149.0

176 65.8 0.0 145.6





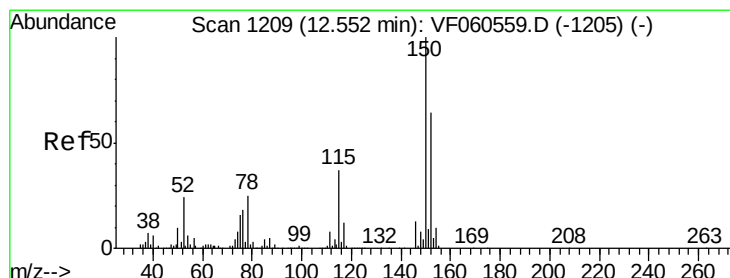
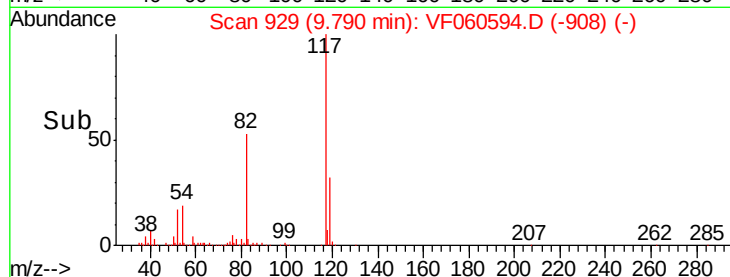
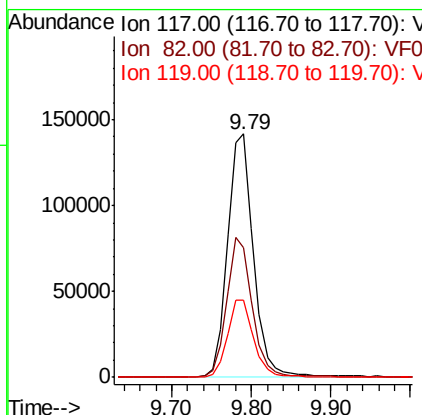
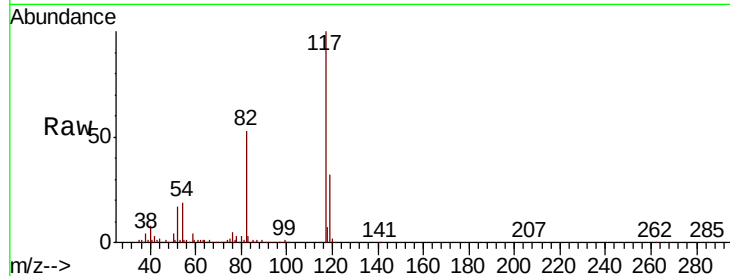
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF060594.D
Acq: 6 Nov 2018 4:48

Instrument :
MSVOA_F
ClientSampleId :
CL-02-110118-A

Tot Ion	Ratio	Resp	Lower	Upper
117	100	324358		
82	53.4		43.9	65.9
119	31.5		27.4	41.0

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF060594.D
Acq: 6 Nov 2018 4:48

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	191011		
115	54.6		29.6	88.8
150	160.3		0.0	315.6

