

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111218\
 Data File : VF060698.D
 Acq On : 12 Nov 2018 21:55
 Operator : VA/AP
 Sample : J5907-23
 Misc : 4.38g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-4-S

Manual Integrations
 APPROVED

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11/13/2018 4:56:35 PM

Quant Time: Nov 13 04:52:20 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	4.86	168	230773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	385053	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	315540	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	136200	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	126166	54.11	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.22%	
35) Dibromofluoromethane	4.10	113	154608	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
50) Toluene-d8	7.55	98	358694	40.70	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.40%	
62) 4-Bromofluorobenzene	11.40	95	145924	37.86	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.72%	
Target Compounds						
16) Acetone	2.23	43	21258	38.691	ug/l	96
20) Methylene Chloride	2.18	84	16270m	5.078	ug/l	

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

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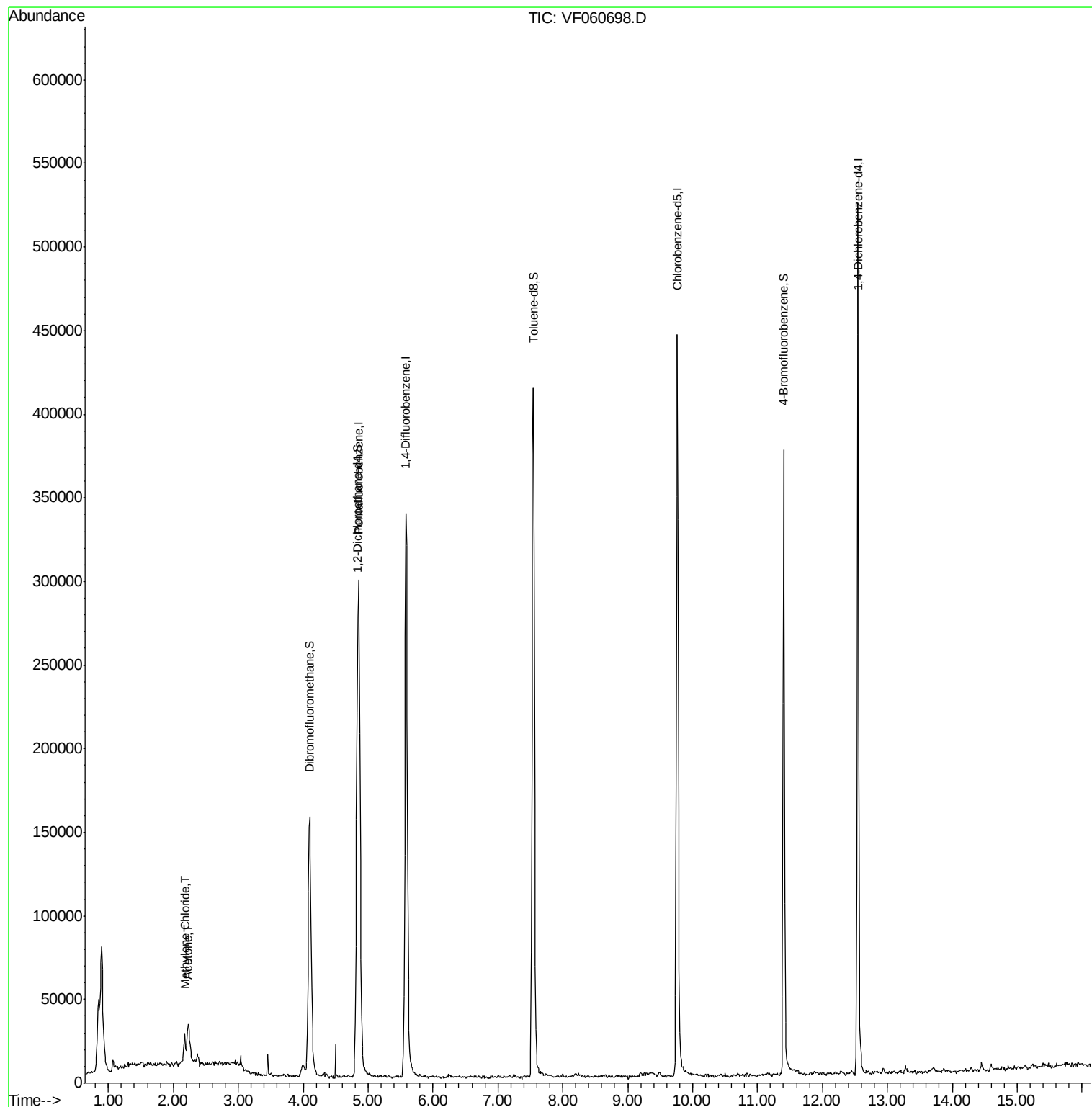
Instrument :
MSVOA_F
ClientSampleId :
TP-4-S

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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: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF060698.D

Acq: 12 Nov 2018 21:55

Instrument :

MSVOA_F

ClientSampled :

TP-4-S

Tot Ion:168 Resp: 230773

Ion Ratio Lower Upper

168 100

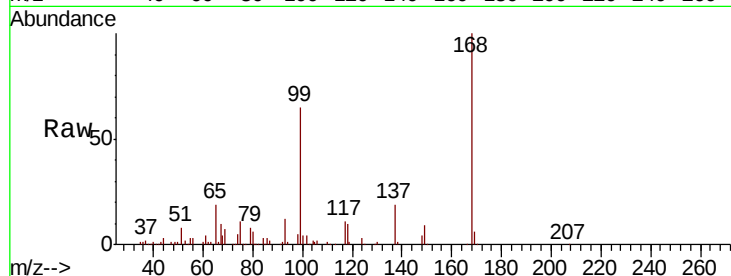
99 64.9 48.6 72.8

Manual Integrations

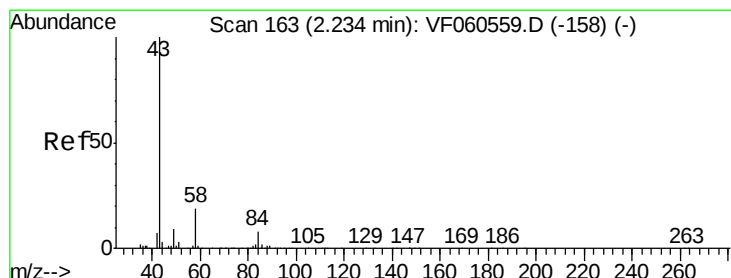
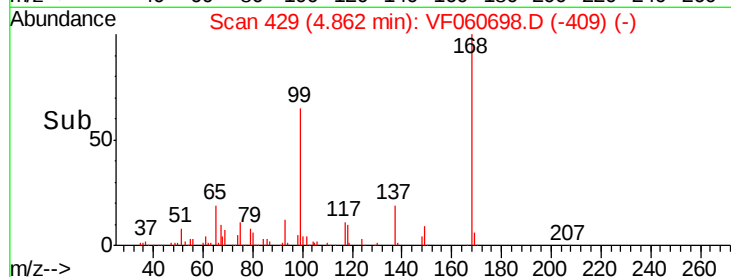
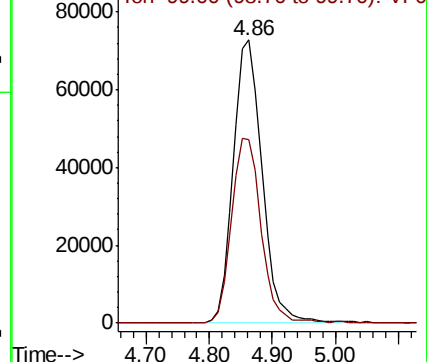
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Abundance Ion 168.00 (167.70 to 168.70): VF060698.D (-409) (-)



#16

Acetone

Concen: 38.691 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF060698.D

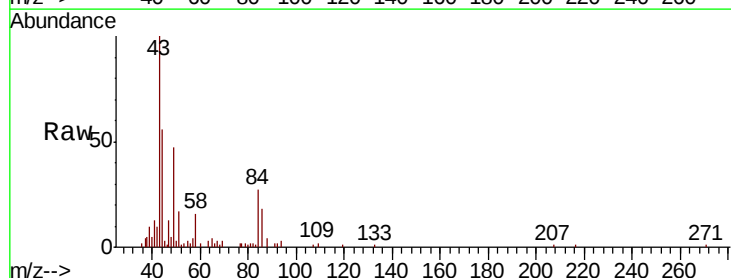
Acq: 12 Nov 2018 21:55

Tgt Ion: 43 Resp: 21258

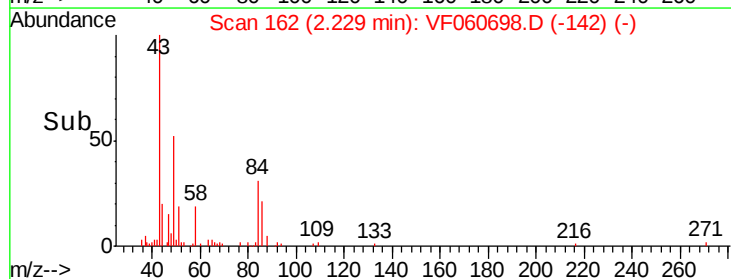
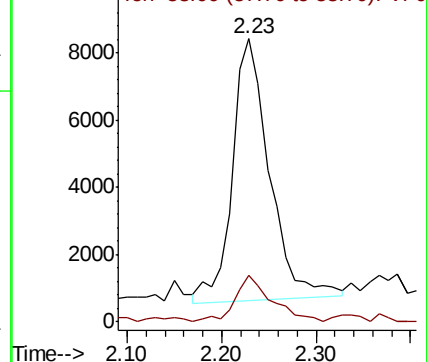
Ion Ratio Lower Upper

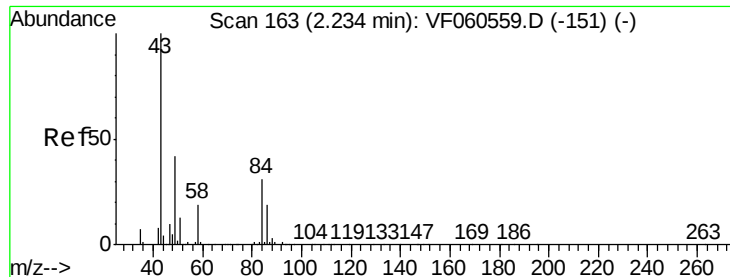
43 100

58 16.4 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VF060698.D (-142) (-)





#20
Methvlene Chloride
Concen: 5.078 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.05 min
Lab File: VF060698.D
Acq: 12 Nov 2018 21:55

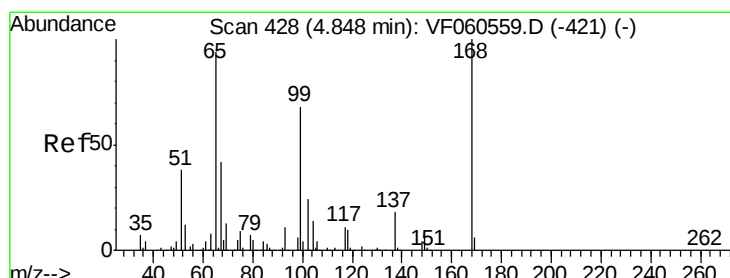
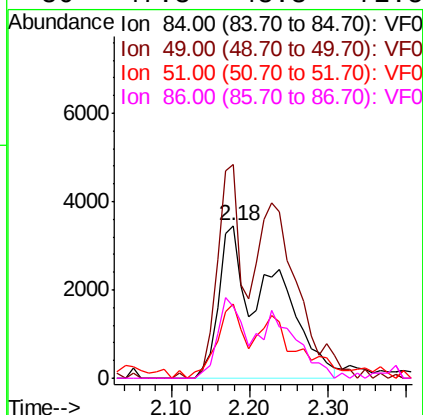
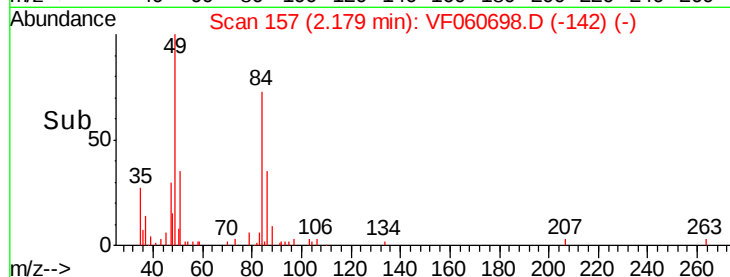
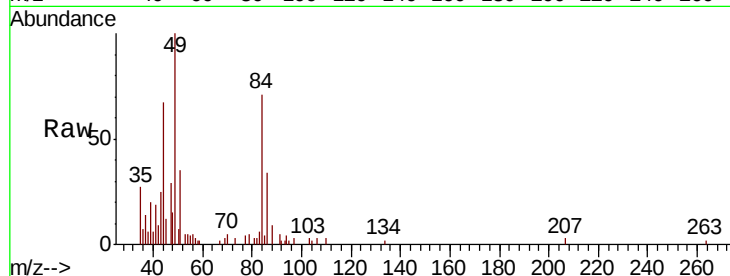
Instrument :
MSVOA_F
ClientSampled :
TP-4-S

Tot Ion	Ratio	Lower	Upper
84	100		
49	139.9	109.9	164.9
51	48.4	35.8	53.8
86	47.3	48.3	72.5#

Manual Integrations
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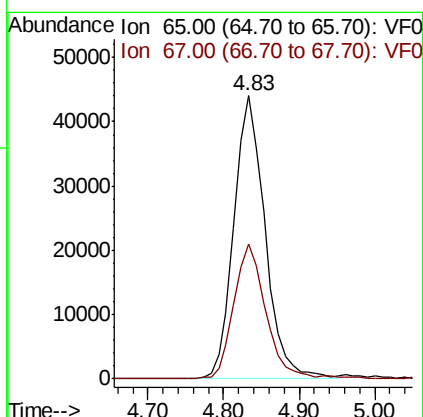
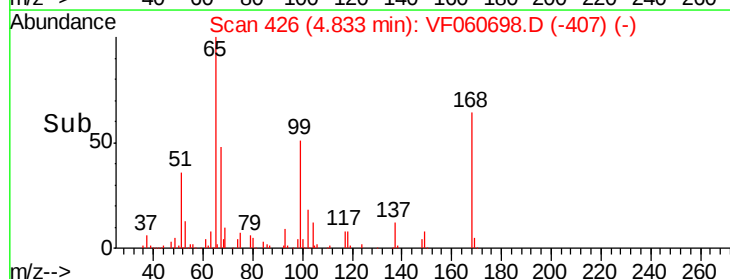
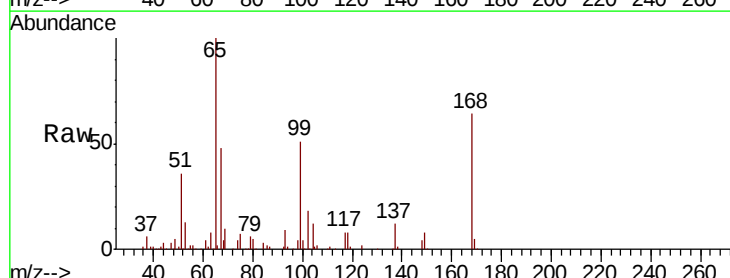
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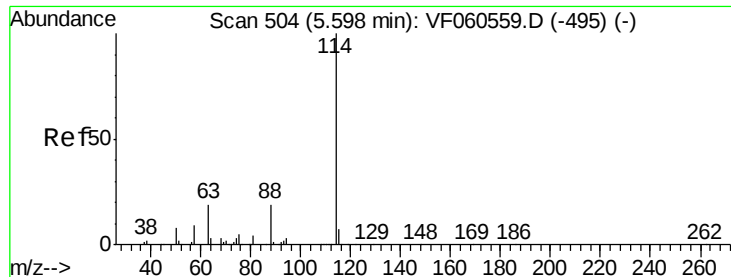
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#33
1,2-Dichloroethane-d4
Concen: 54.110 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF060698.D
Acq: 12 Nov 2018 21:55

Tgt Ion	Ratio	Lower	Upper
65	100		
67	47.9	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF060698.D

Acq: 12 Nov 2018 21:55

Instrument :

MSVOA_F

ClientSampled :

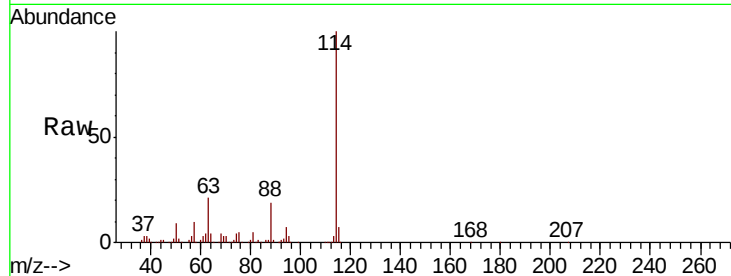
TP-4-S

Tot Ion:	114	Resp:	385053
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	39.0
88	19.4	0.0	38.2

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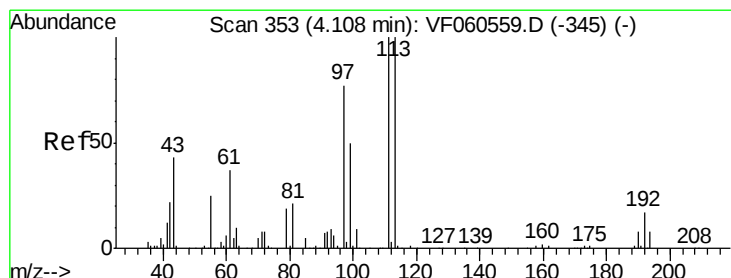
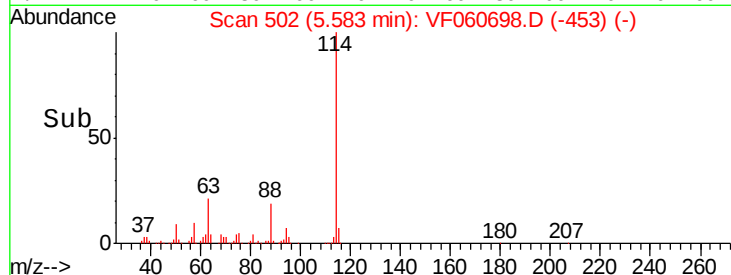
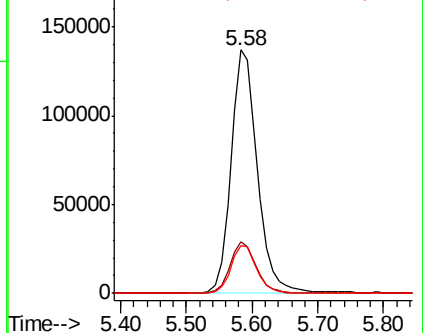
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 51.971 ug/l

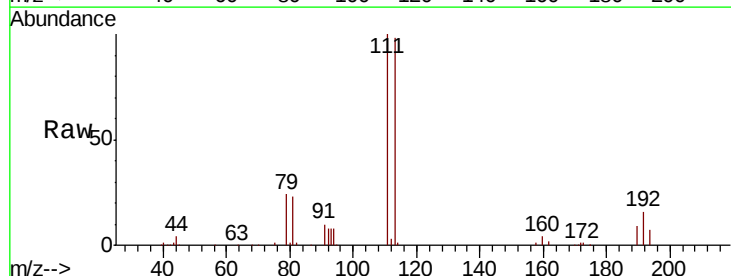
RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF060698.D

Acq: 12 Nov 2018 21:55

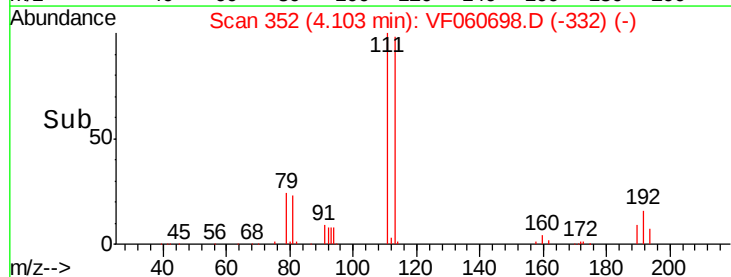
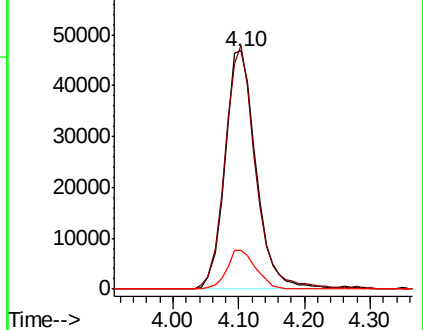
Tgt Ion:	113	Resp:	154608
Ion Ratio	Lower	Upper	
113	100		
111	102.3	79.9	119.9
192	16.2	13.3	19.9

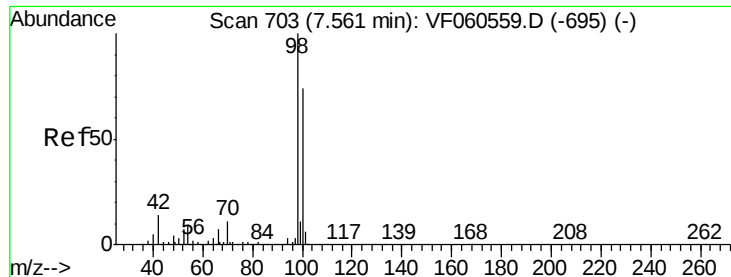


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50
Toluene-d8
Concen: 40.703 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF060698.D
Acq: 12 Nov 2018 21:55

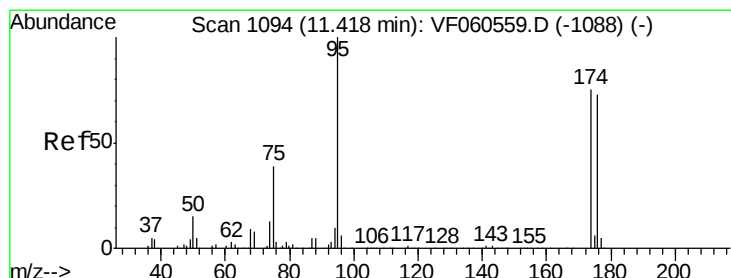
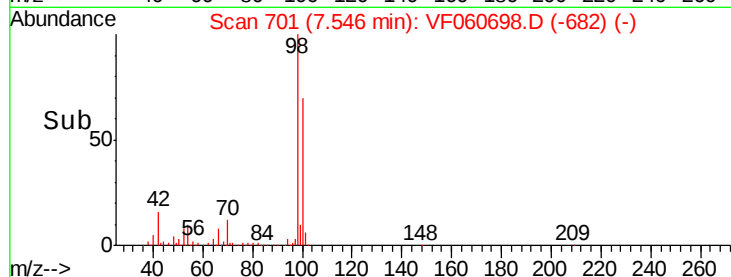
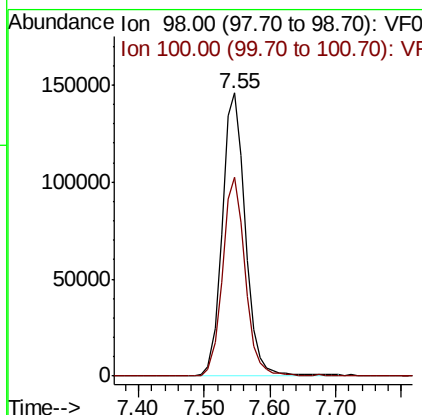
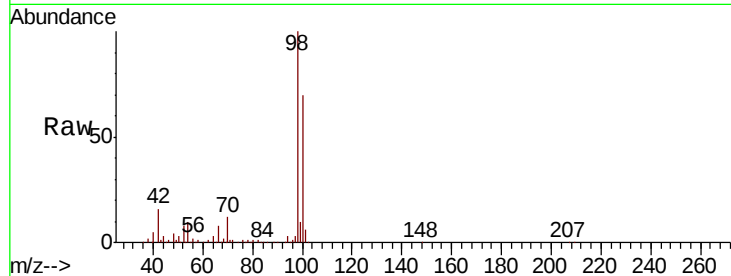
Instrument :
MSVOA_F
ClientSampleId :
TP-4-S

Tot Ion: 98 Resp: 358694
Ion Ratio Lower Upper
98 100
100 70.3 59.4 89.2

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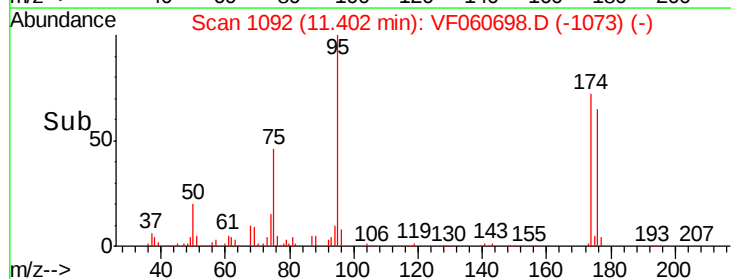
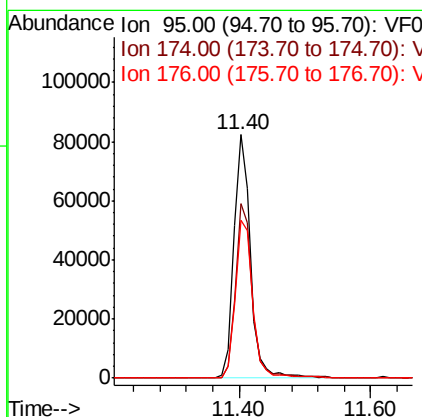
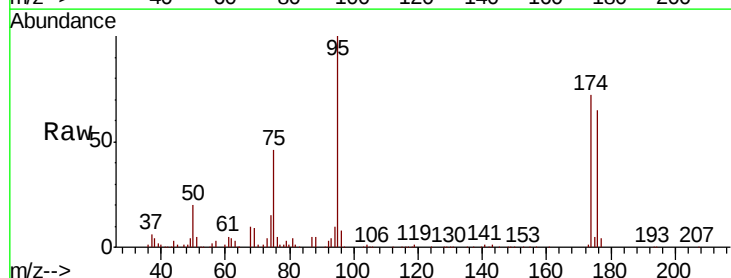
apatel

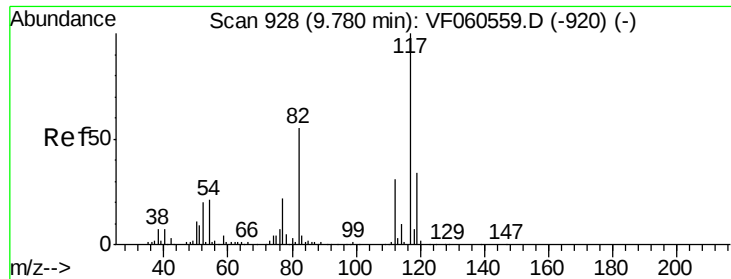
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#62
4-Bromofluorobenzene
Concen: 37.856 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF060698.D
Acq: 12 Nov 2018 21:55

Tgt Ion: 95 Resp: 145924
Ion Ratio Lower Upper
95 100
174 71.8 0.0 149.0
176 64.6 0.0 145.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF060698.D
Acq: 12 Nov 2018 21:55

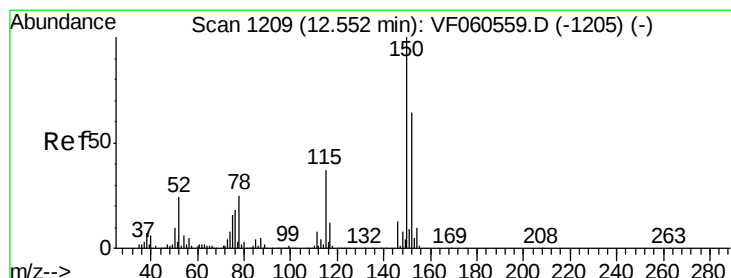
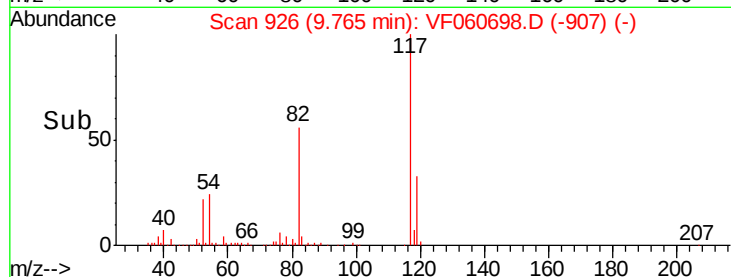
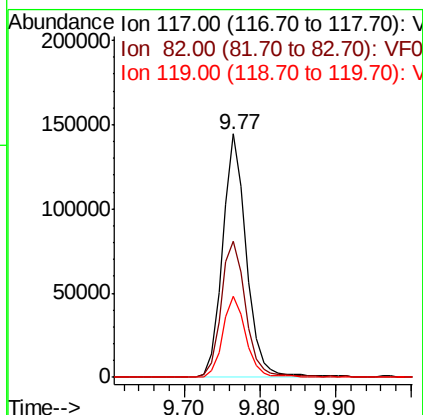
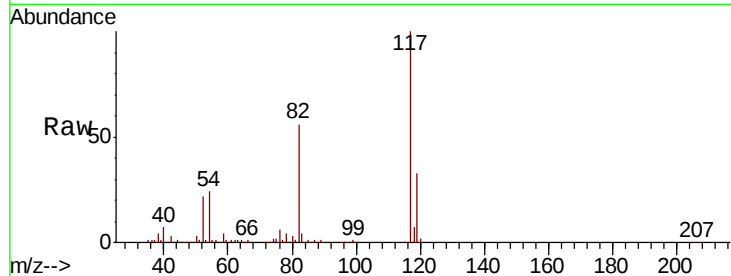
Instrument :
MSVOA_F
ClientSampleId :
TP-4-S

Tot Ion	Ratio	Resp	Lower	Upper
117	100	315540		
82	56.1		43.9	65.9
119	33.1		27.4	41.0

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF060698.D
Acq: 12 Nov 2018 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	136200		
115	55.6		29.6	88.8
150	148.3		0.0	315.6

