

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060585.D
 Acq On : 5 Nov 2018 21:38
 Operator : VA/AP
 Sample : J5741-39
 Misc : 5.95/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-10

Manual Integrations
 APPROVED

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 11/6/2018 12:53:48 PM

Quant Time: Nov 06 07:25:22 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	4.87	168	248192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	454362	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	359645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	137111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	112186	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
35) Dibromofluoromethane	4.11	113	142131	40.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.98%	
50) Toluene-d8	7.55	98	347473	33.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.82%	
62) 4-Bromofluorobenzene	11.41	95	123918	27.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.48%	
Target Compounds						
16) Acetone	2.24	43	49347	83.511	ug/l	95
20) Methylene Chloride	2.18	84	11536m	1.257	ug/l	
52) Toluene	7.63	92	23276	2.942	ug/l	95

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

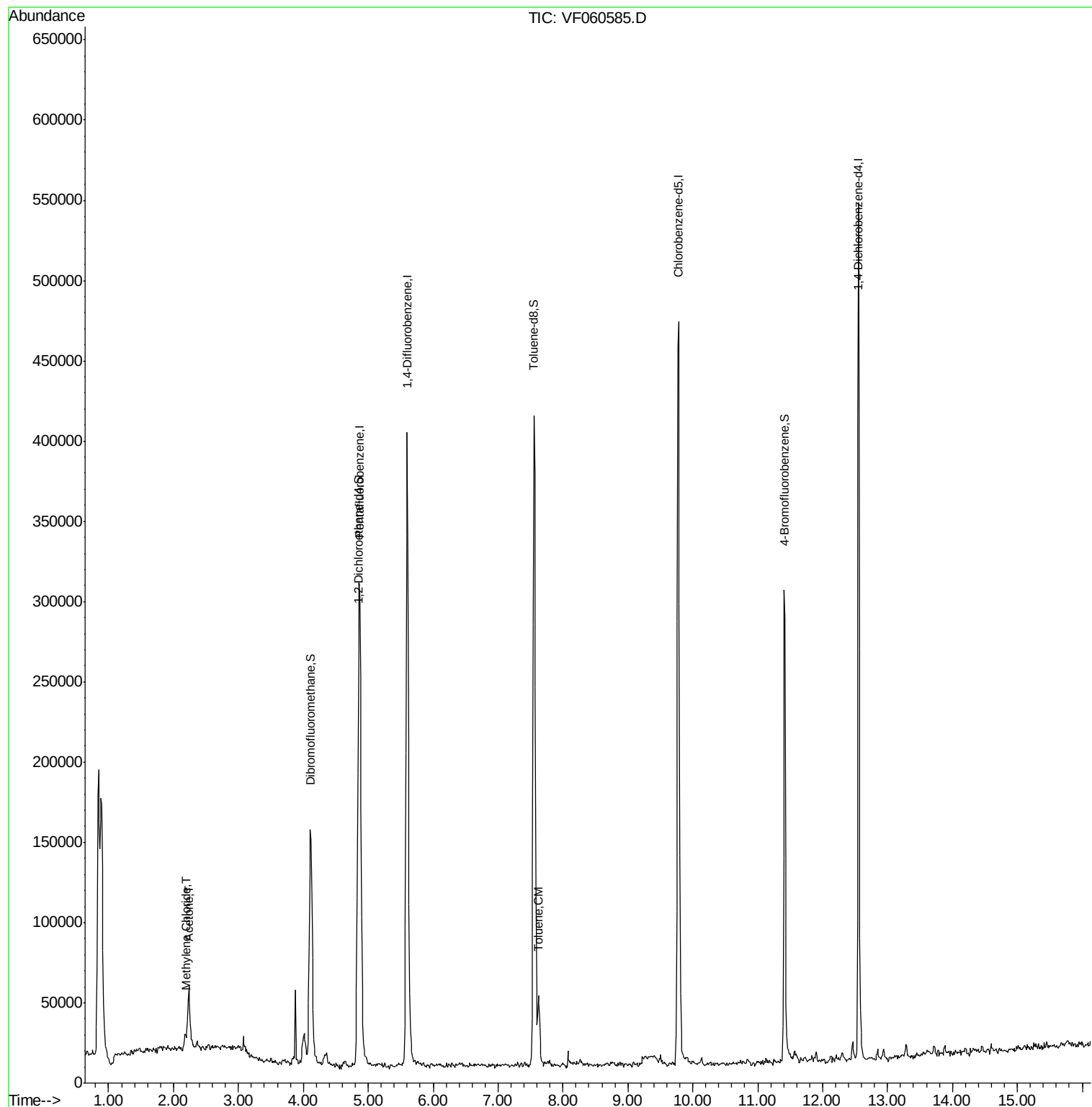
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110518\
Data File : VF060585.D
Acq On : 5 Nov 2018 21:38
Operator : VA/AP
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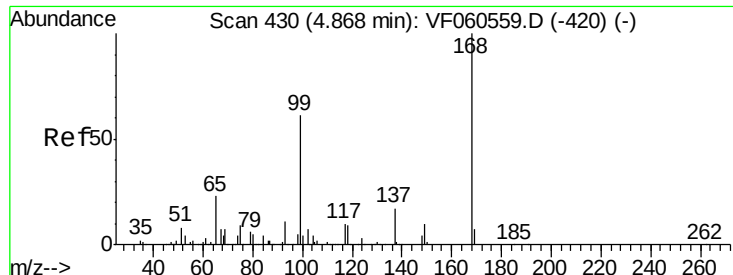
Instrument :
MSVOA_F
ClientSampleId :
TP-10

Manual Integrations
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11/6/2018 12:53:48 PM

Quant Time: Nov 06 07:25:22 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: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF060585.D

Acq: 5 Nov 2018 21:38

Instrument :

MSVOA_F

ClientSampleId :

TP-10

Tot Ion:168 Resp: 248192

Ion Ratio Lower Upper

168 100

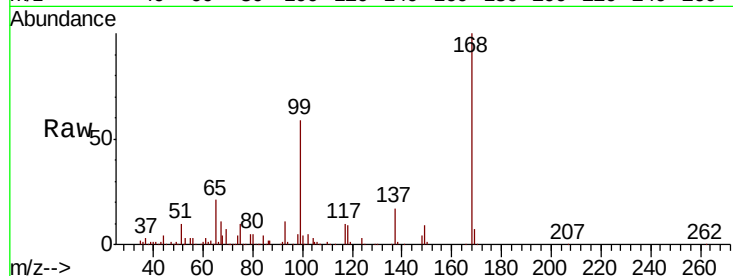
99 59.0 48.6 72.8

Manual Integrations

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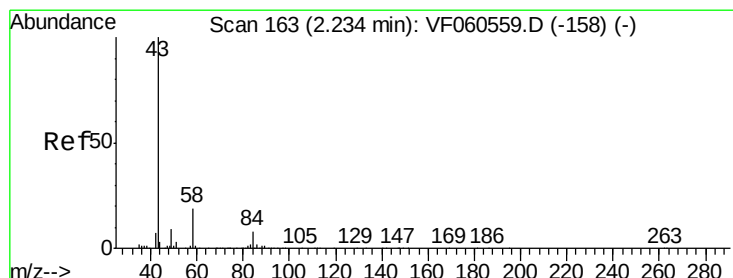
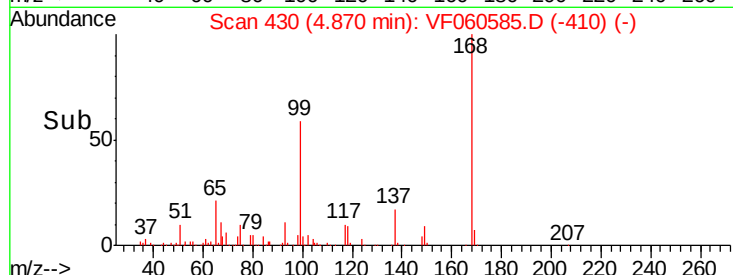
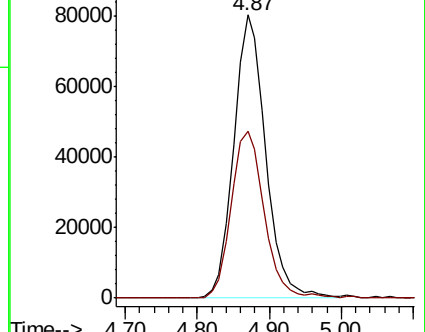
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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 83.511 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF060585.D

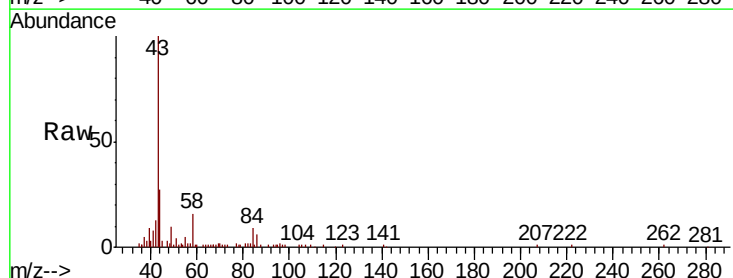
Acq: 5 Nov 2018 21:38

Tgt Ion: 43 Resp: 49347

Ion Ratio Lower Upper

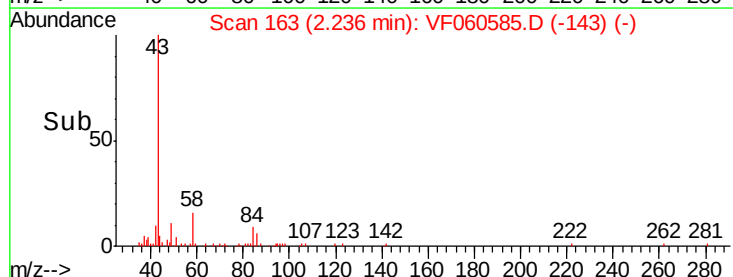
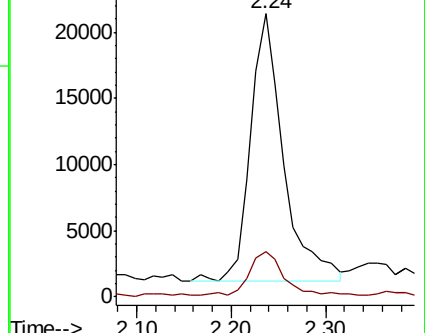
43 100

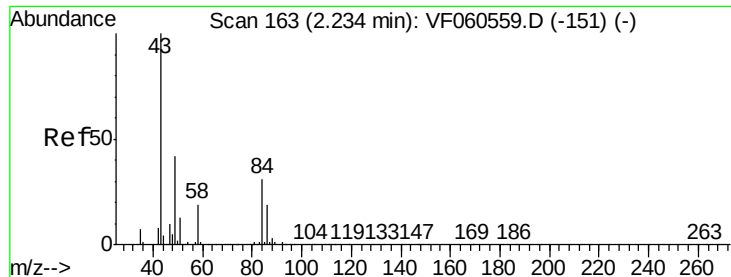
58 15.9 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





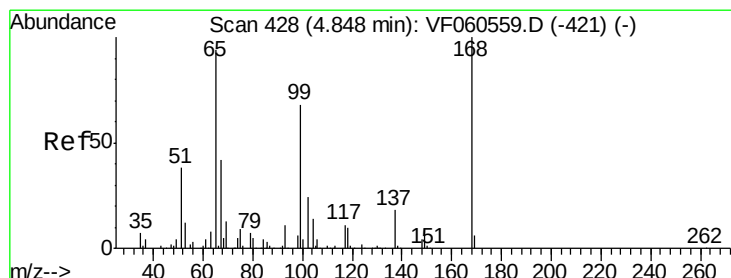
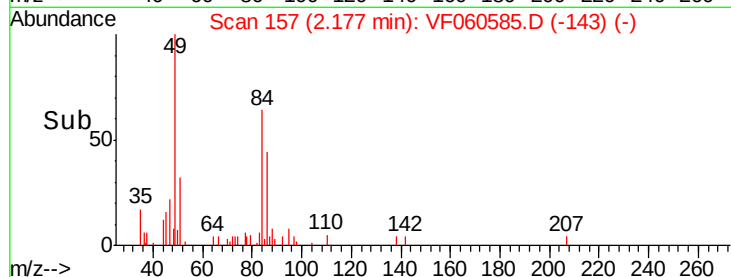
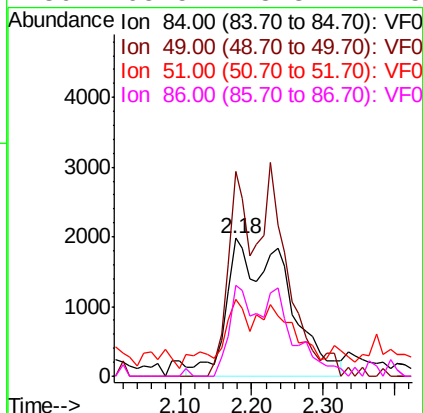
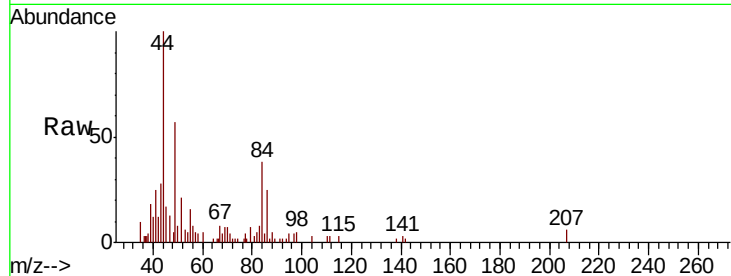
#20
Methvlene Chloride
Concen: 1.257 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.06 min
Lab File: VF060585.D
Acq: 5 Nov 2018 21:38

Instrument :
MSVOA_F
ClientSampled :
TP-10

Tot Ion	Ratio	Lower	Upper
84	100		
49	148.4	109.9	164.9
51	55.9	35.8	53.8
86	65.5	48.3	72.5

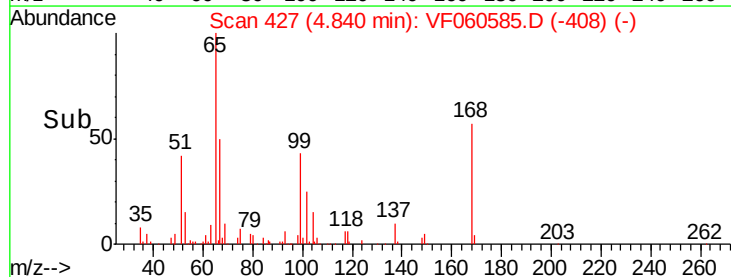
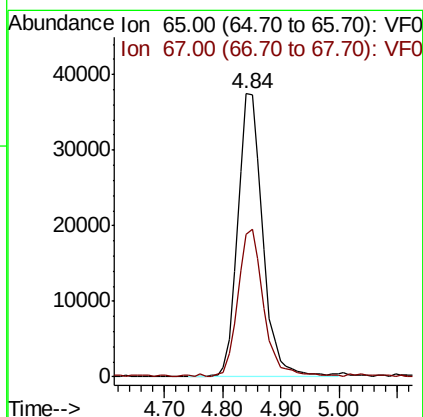
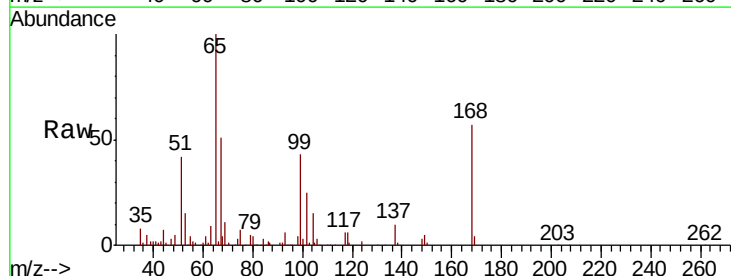
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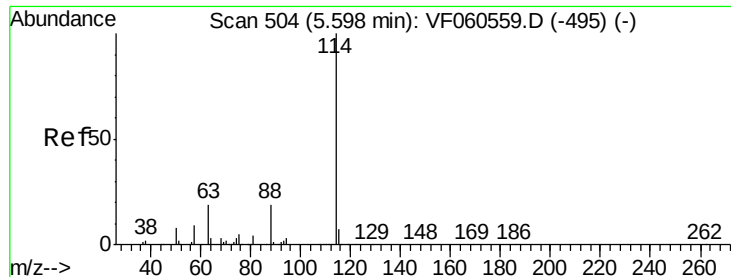
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#33
1,2-Dichloroethane-d4
Concen: 44.737 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF060585.D
Acq: 5 Nov 2018 21:38

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.00 min

Lab File: VF060585.D

Acq: 5 Nov 2018 21:38

Instrument :

MSVOA_F

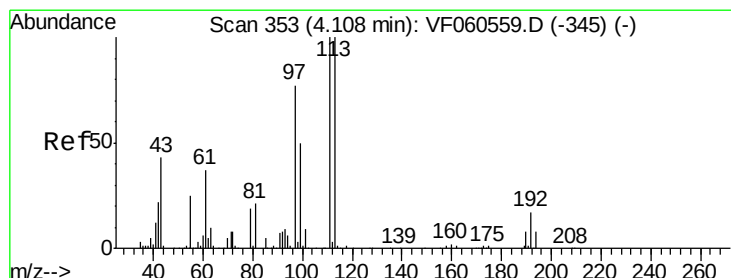
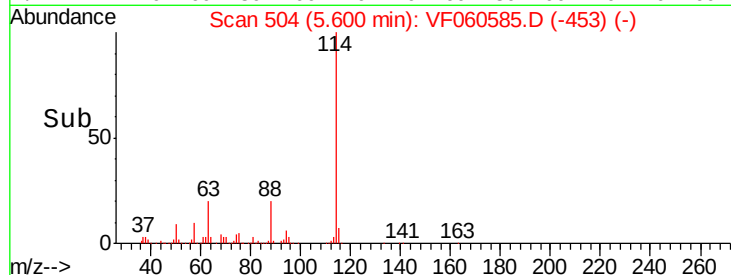
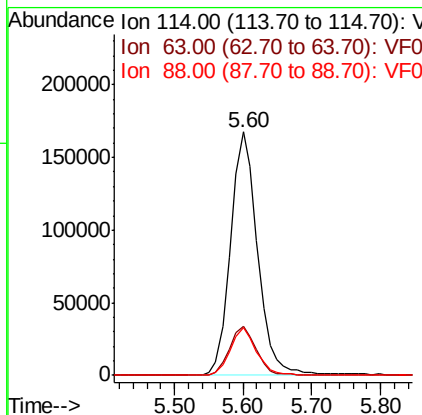
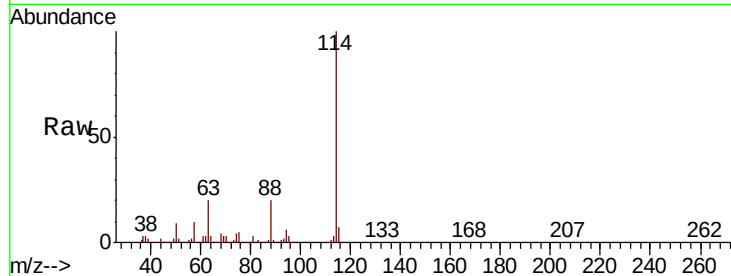
ClientSampleId :

TP-10

Tot Ion:	114	Resp:	454362
Ion Ratio		Lower	Upper
114	100		
63	20.2	0.0	39.0
88	19.6	0.0	38.2

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#35

Dibromofluoromethane

Concen: 40.489 ug/l

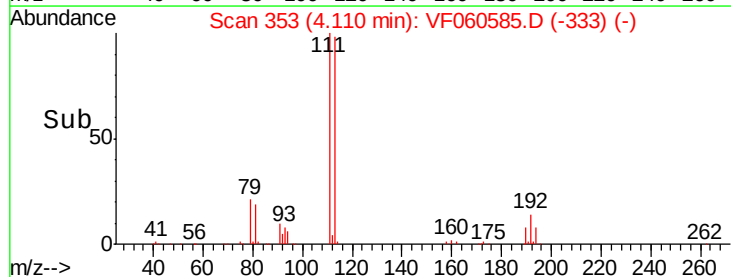
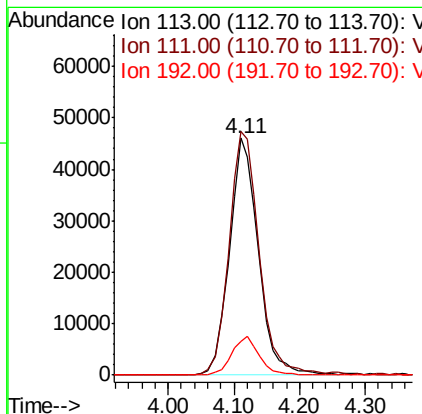
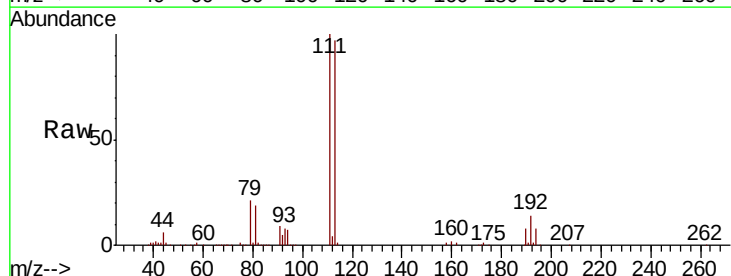
RT: 4.11 min Scan# 353

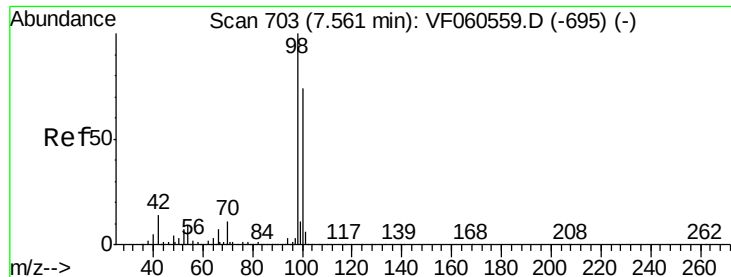
Delta R.T. 0.00 min

Lab File: VF060585.D

Acq: 5 Nov 2018 21:38

Tgt Ion:	113	Resp:	142131
Ion Ratio		Lower	Upper
113	100		
111	102.8	79.9	119.9
192	14.3	13.3	19.9





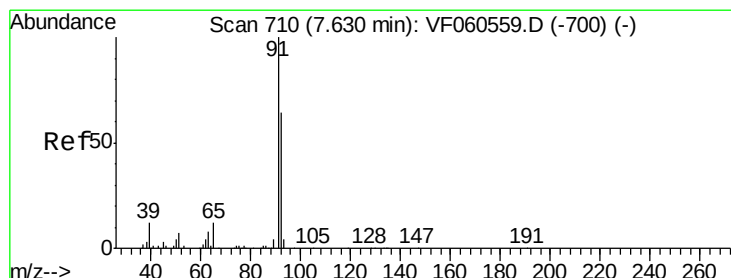
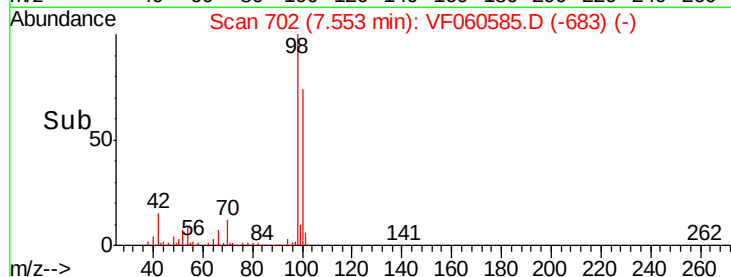
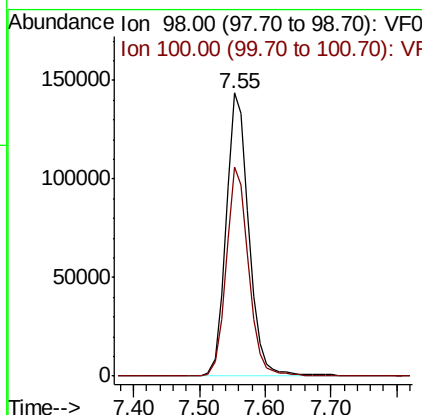
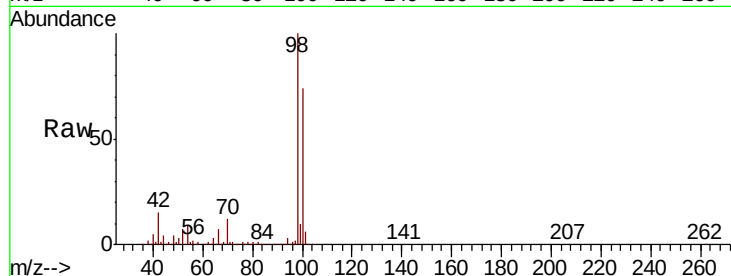
#50
Toluene-d8
Concen: 33.415 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060585.D
Acq: 5 Nov 2018 21:38

Instrument :
MSVOA_F
ClientSampleId :
TP-10

Tot Ion: 98 Resp: 347473
Ion Ratio Lower Upper
98 100
100 74.1 59.4 89.2

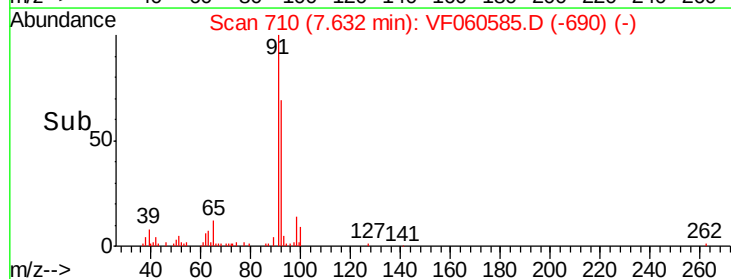
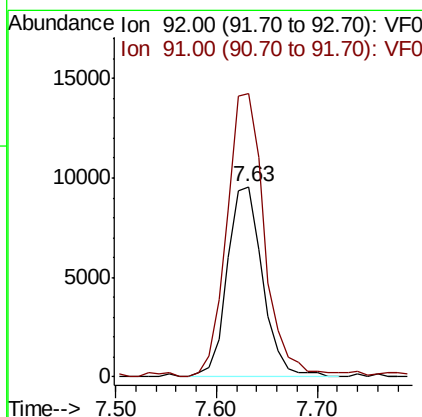
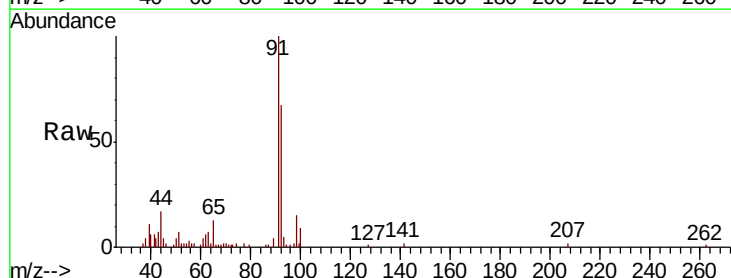
Manual Integrations
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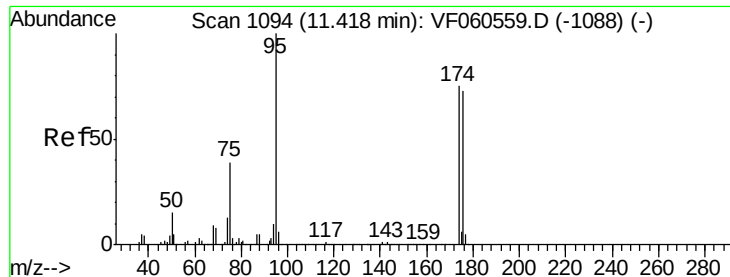
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#52
Toluene
Concen: 2.942 ug/l
RT: 7.63 min Scan# 710
Delta R.T. 0.00 min
Lab File: VF060585.D
Acq: 5 Nov 2018 21:38

Tgt Ion: 92 Resp: 23276
Ion Ratio Lower Upper
92 100
91 148.9 124.5 186.7





#62

4-Bromofluorobenzene

Concen: 27.243 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF060585.D

Acq: 5 Nov 2018 21:38

Instrument :

MSVOA_F

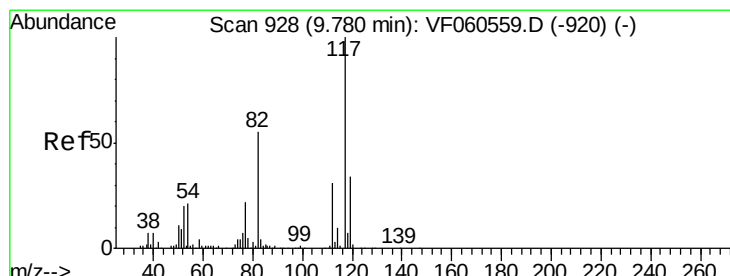
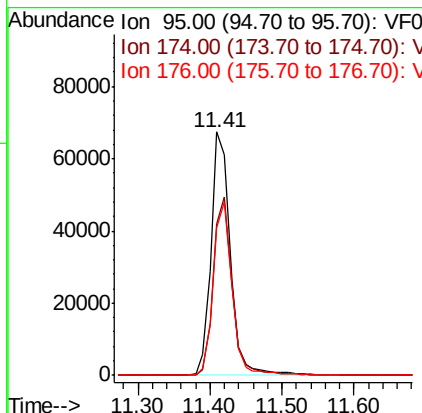
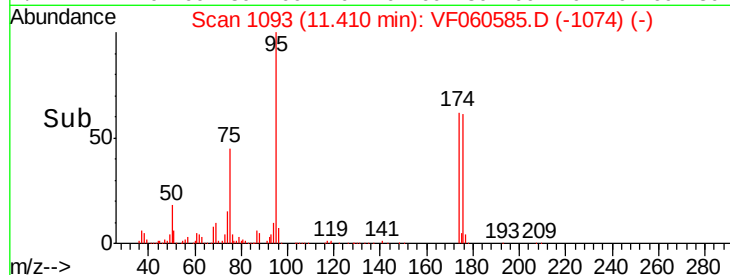
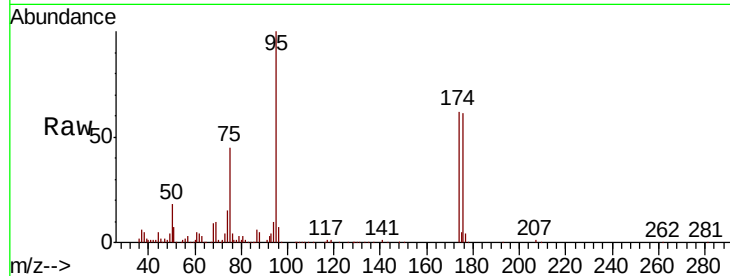
ClientSampled :

TP-10

Tot Ion:	95	Resp:	123918
Ion Ratio	Lower	Upper	
95	100		
174	62.5	0.0	149.0
176	60.6	0.0	145.6

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

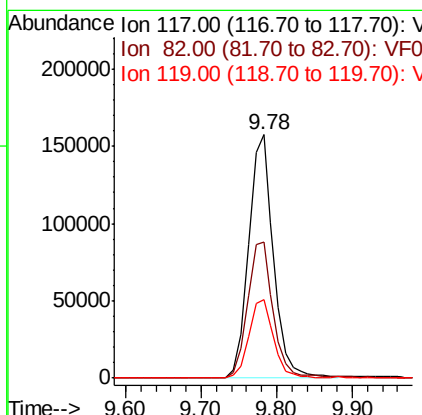
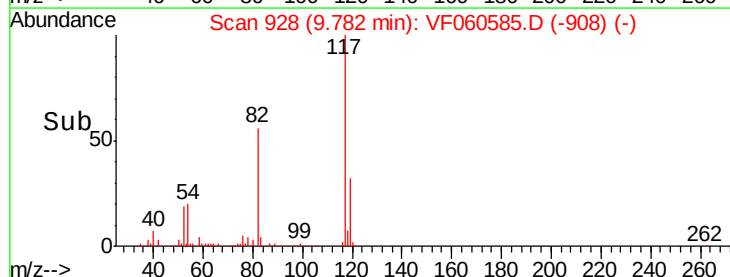
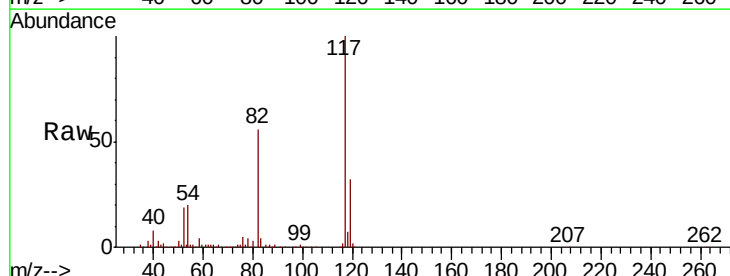
RT: 9.78 min Scan# 928

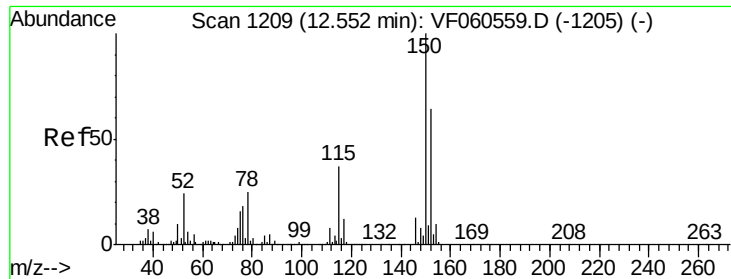
Delta R.T. 0.00 min

Lab File: VF060585.D

Acq: 5 Nov 2018 21:38

Tgt Ion:	117	Resp:	359645
Ion Ratio	Lower	Upper	
117	100		
82	55.9	43.9	65.9
119	32.1	27.4	41.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.00 min

Lab File: VF060585.D

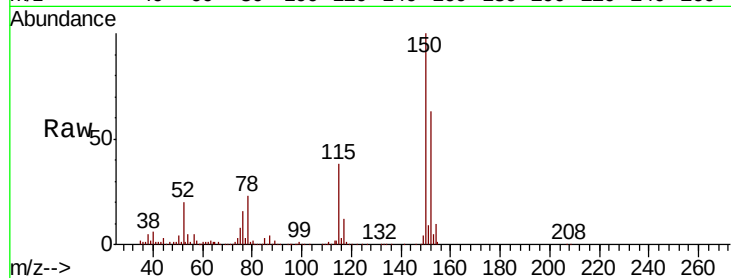
Acq: 5 Nov 2018 21:38

Instrument :

MSVOA_F

ClientSampleId :

TP-10



Tot Ion:	152	Resp:	137111
Ion Ratio	Lower	Upper	
152	100		
115	59.7	29.6	88.8
150	158.2	0.0	315.6

Manual Integrations
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