

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022619\
 Data File : VF061755.D
 Acq On : 26 Feb 2019 21:51
 Operator : VA/AP
 Sample : K1628-01
 Misc : 6.64g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A0C5-1-0.5-1.0

Manual Integrations
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 2/27/2019 3:20:17 PM

Quant Time: Feb 27 04:47:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	325546	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.56	114	490650	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.75	117	443235	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	254968	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.81	65	106249	44.51	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	89.02%	
35) Dibromofluoromethane	4.08	113	159844	43.87	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	87.74%	
50) Toluene-d8	7.53	98	402446	38.42	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	76.84%	
62) 4-Bromofluorobenzene	11.39	95	179042	42.25	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	84.50%	
Target Compounds						
16) Acetone	2.22	43	27634	53.951	ug/l #	84
20) Methylene Chloride	2.22	84	27196m	7.780	ug/l	
64) Tetrachloroethene	8.13	164	19988	5.517	ug/l	98
68) m/p-Xylenes	10.11	106	26554	4.639	ug/l	95
69) o-Xylene	10.68	106	12221	2.001	ug/l	92

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

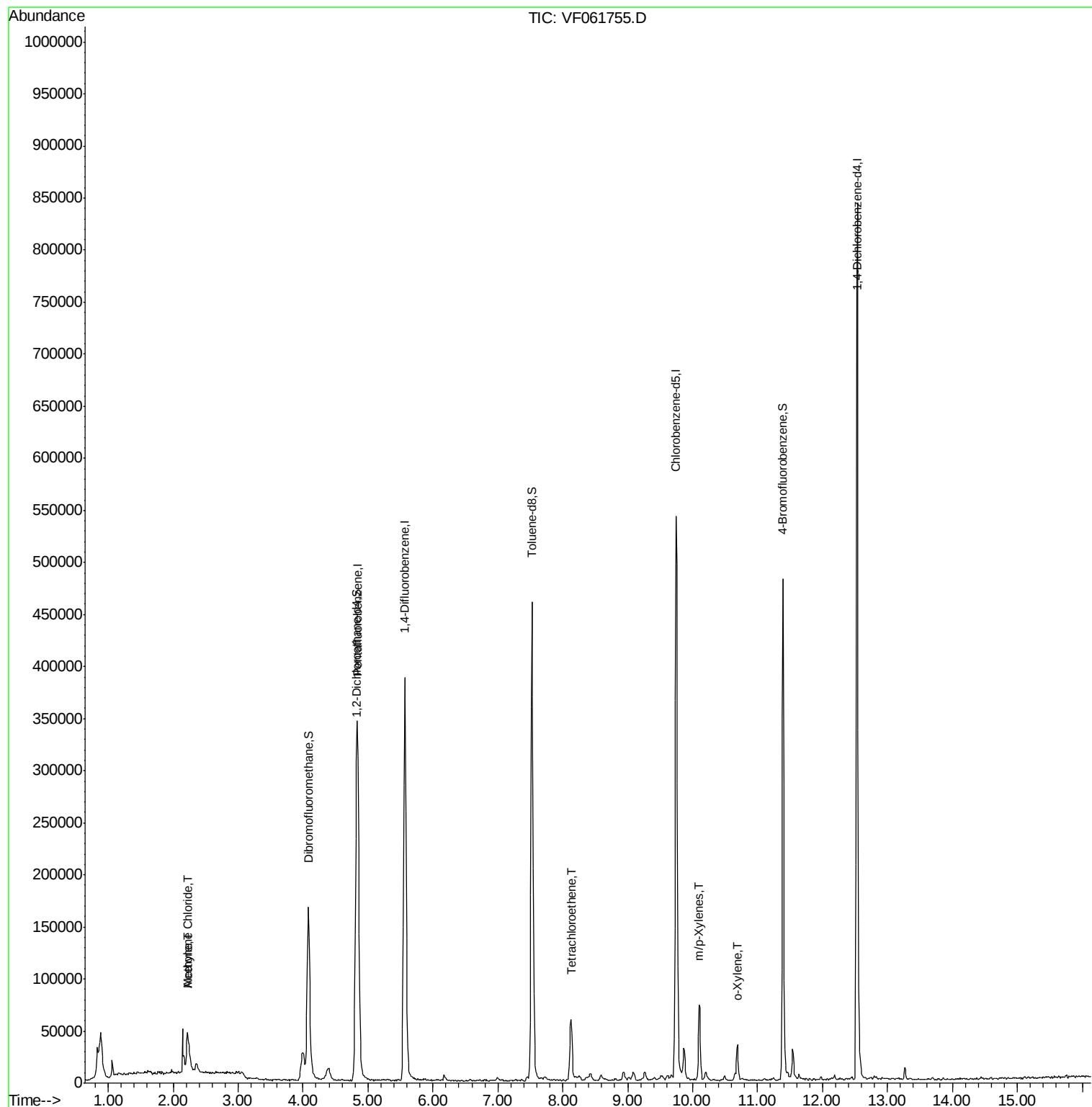
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022619\
Data File : VF061755.D
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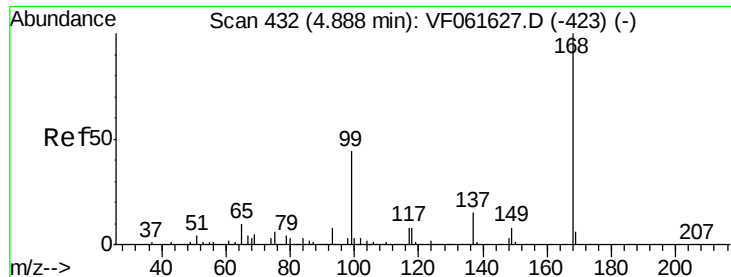
Instrument :
MSVOA_F
ClientSampleId :
A0C5-1-0.5-1.0

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Quant Time: Feb 27 04:47:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF061755.D

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Instrument :

MSVOA_F

ClientSampleId :

A0C5-1-0.5-1.0

Tot Ion:168 Resp: 325546

Ion Ratio Lower Upper

168 100

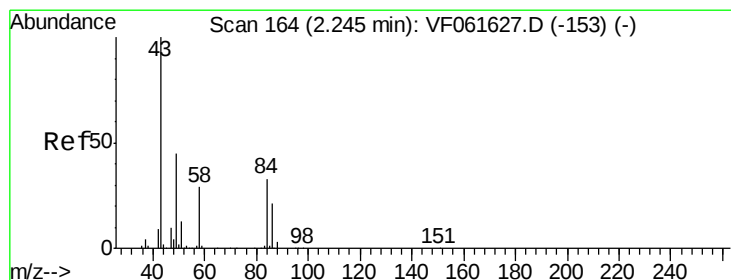
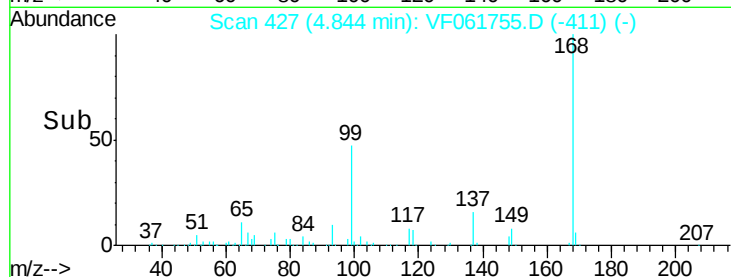
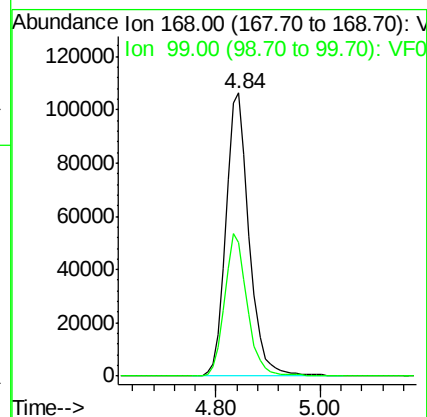
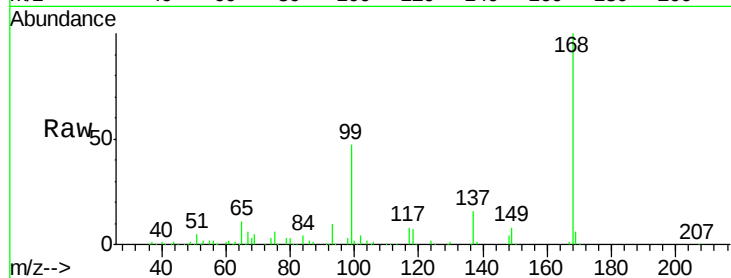
99 47.0 34.9 52.3

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#16

Acetone

Concen: 53.951 ug/l

RT: 2.22 min Scan# 161

Delta R.T. -0.02 min

Lab File: VF061755.D

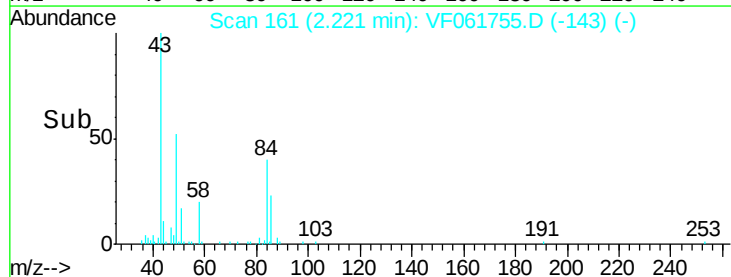
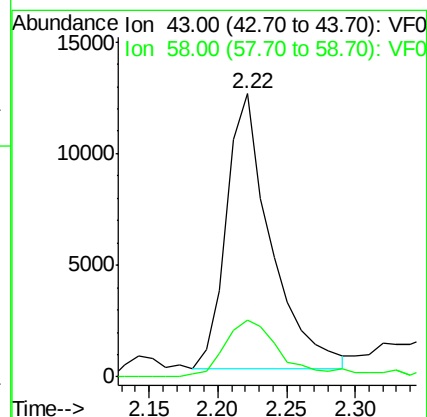
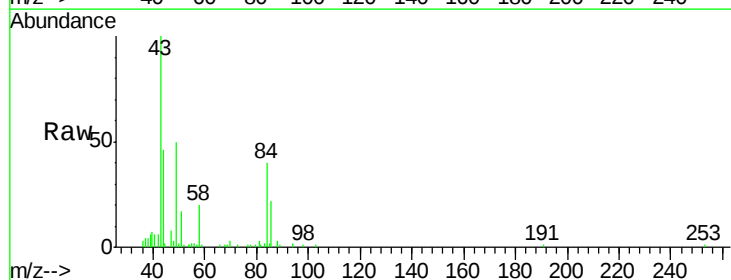
Acq: 26 Feb 2019 21:51

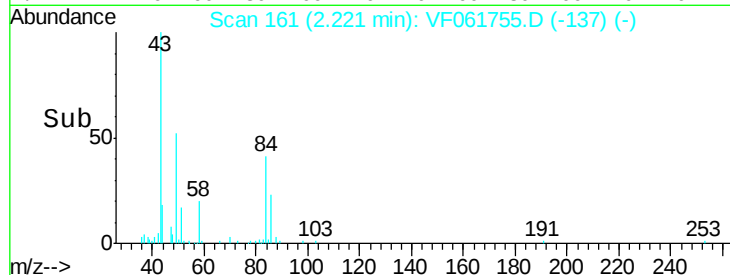
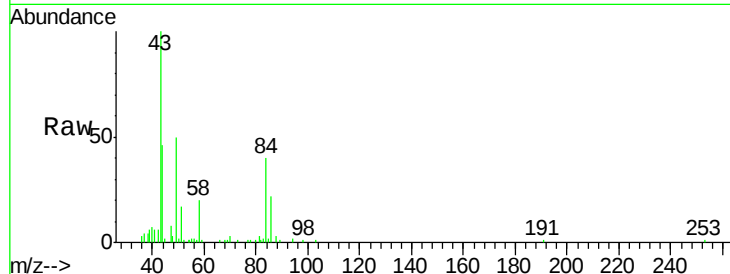
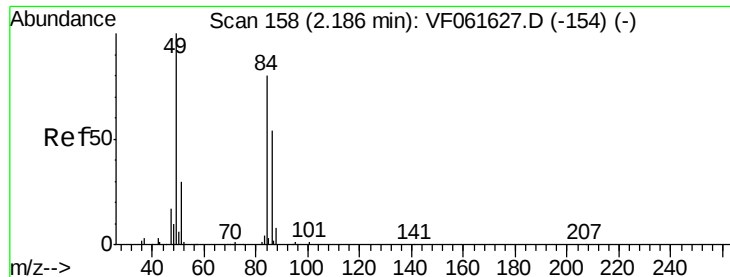
Tgt Ion: 43 Resp: 27634

Ion Ratio Lower Upper

43 100

58 19.9 22.9 34.3#





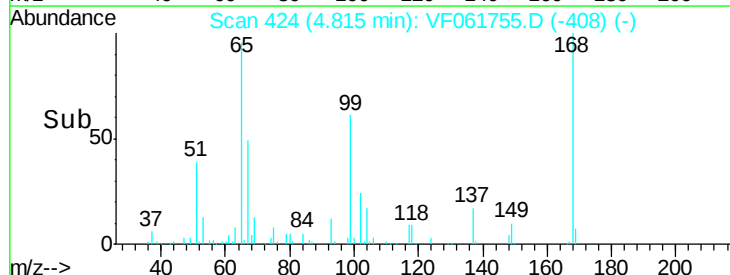
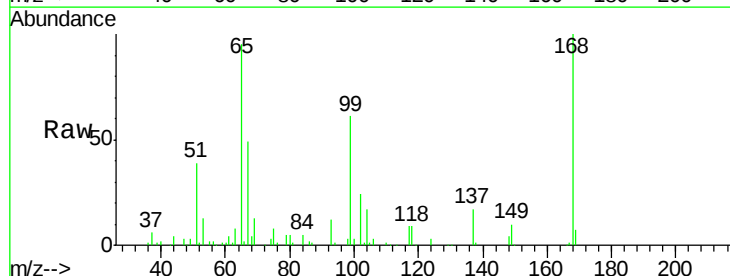
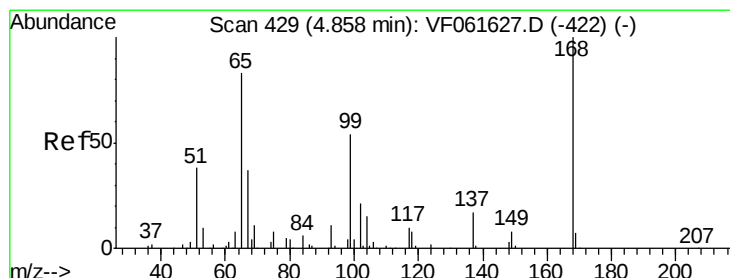
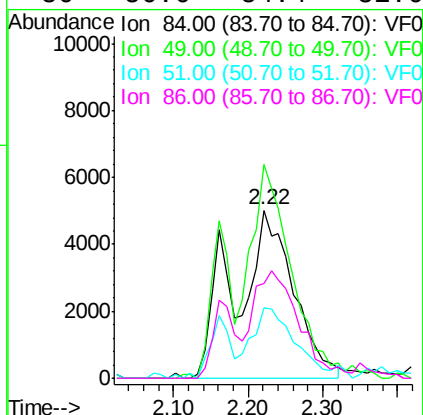
#20
Methvlene Chloride
Concen: 7.780 ug/l
RT: 2.22 min Scan# 161
Delta R.T. 0.04 min
Lab File: VF061755.D
Acq: 26 Feb 2019 21:51

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	127.3	101.8	152.8	
51	41.9	31.1	46.7	
86	56.6	54.4	81.6	

Instrument :
MSVOA_F
ClientSampleId :
A0C5-1-0.5-1.0

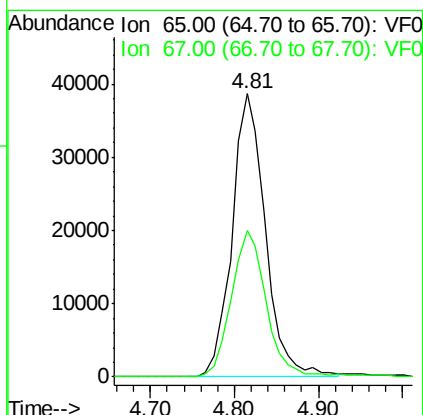
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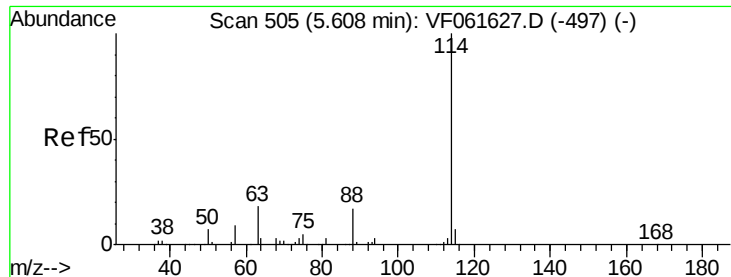
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#33
1,2-Dichloroethane-d4
Concen: 44.506 ug/l
RT: 4.81 min Scan# 424
Delta R.T. -0.04 min
Lab File: VF061755.D
Acq: 26 Feb 2019 21:51

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	51.6	0.0	104.0	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.56 min Scan# 500

Delta R.T. -0.04 min

Lab File: VF061755.D

Acq: 26 Feb 2019 21:51

Instrument :

MSVOA_F

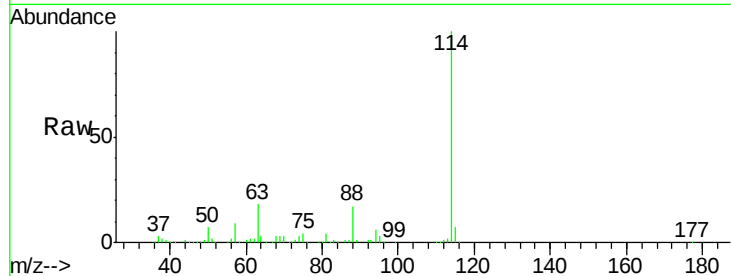
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A0C5-1-0.5-1.0

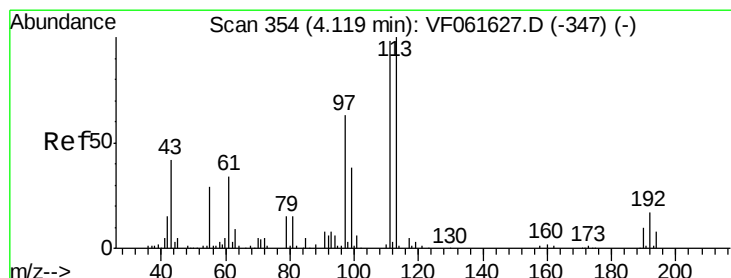
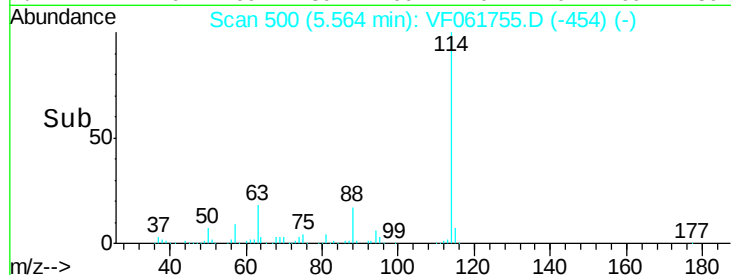
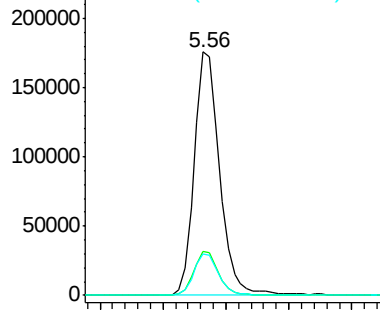
Tot Ion:	114	Resp:	490650
Ion Ratio		Lower	Upper
114	100		
63	17.9	0.0	36.6
88	16.9	0.0	34.4

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Abundance Ion 114.00 (113.70 to 114.70): V



#35

Dibromofluoromethane

Concen: 43.870 ug/l

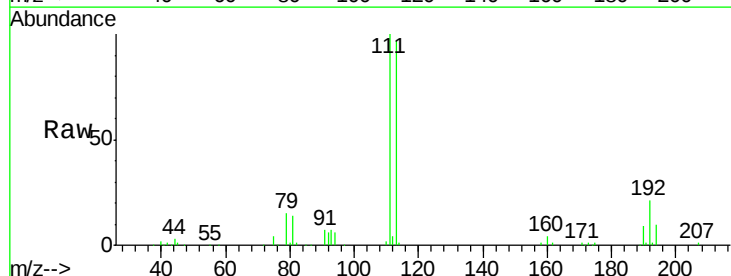
RT: 4.08 min Scan# 350

Delta R.T. -0.03 min

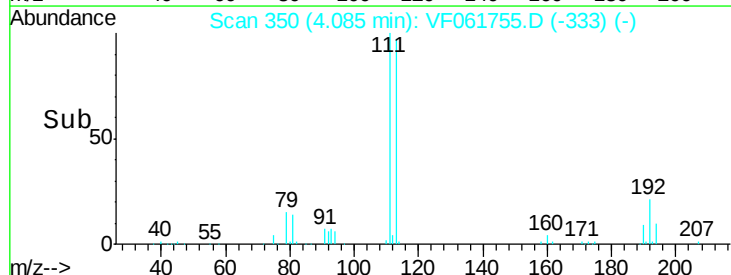
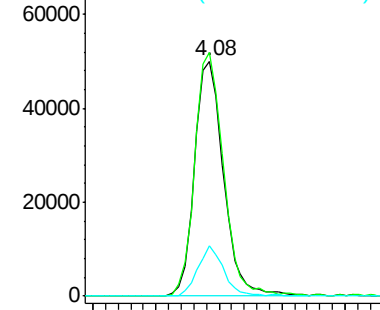
Lab File: VF061755.D

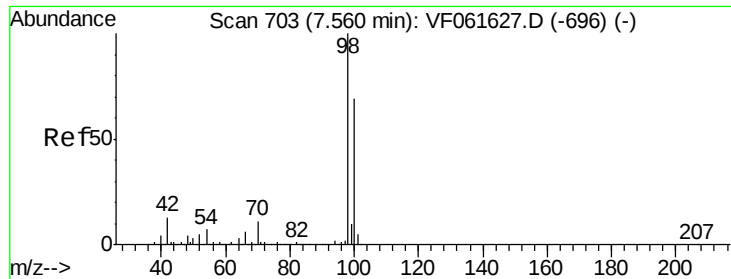
Acq: 26 Feb 2019 21:51

Tgt Ion:	113	Resp:	159844
Ion Ratio		Lower	Upper
113	100		
111	103.6	78.8	118.2
192	21.9	13.4	20.0#



Abundance Ion 113.00 (112.70 to 113.70): V





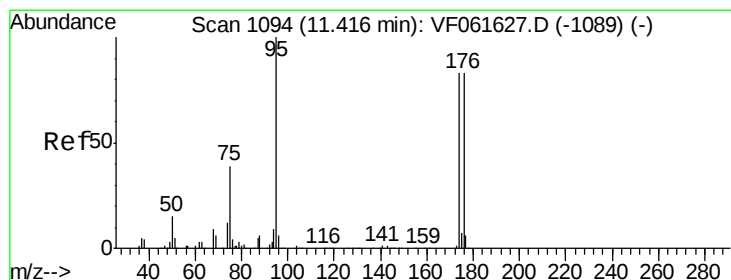
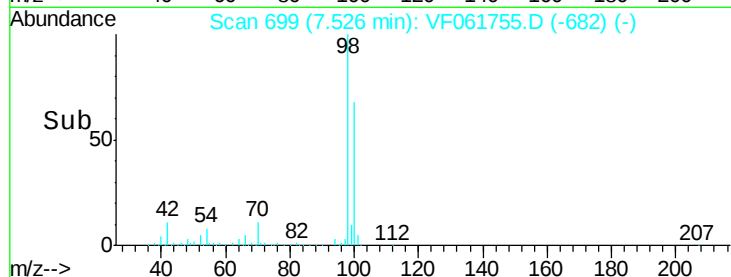
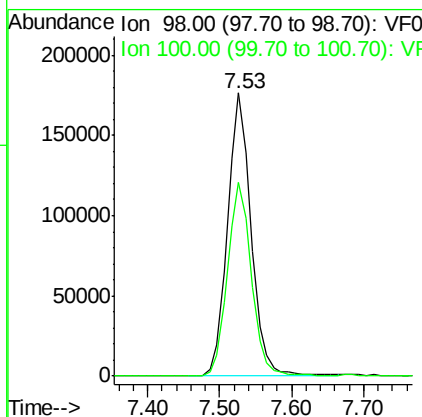
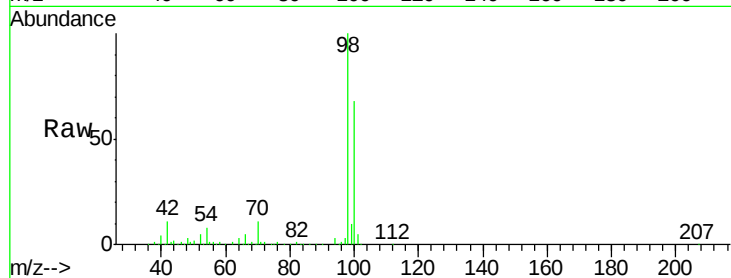
#50
Toluene-d8
Concen: 38.422 ug/l
RT: 7.53 min Scan# 699
Delta R.T. -0.03 min
Lab File: VF061755.D
Acq: 26 Feb 2019 21:51

Instrument :
MSVOA_F
ClientSampleId :
A0C5-1-0.5-1.0

Tot Ion: 98 Resp: 402446
Ion Ratio Lower Upper
98 100
100 68.4 55.4 83.2

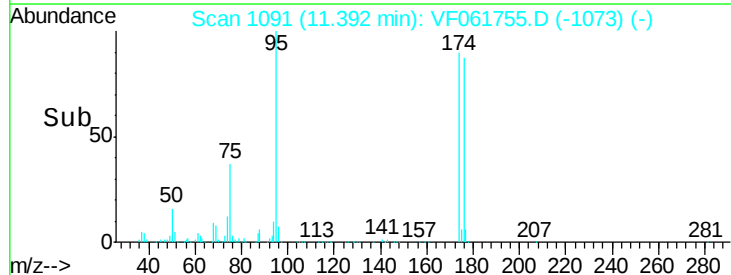
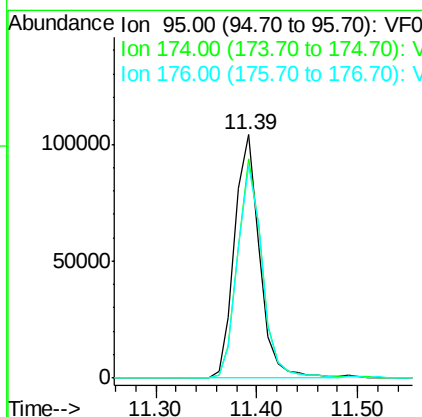
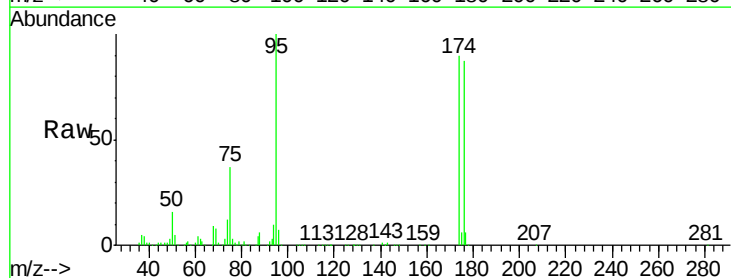
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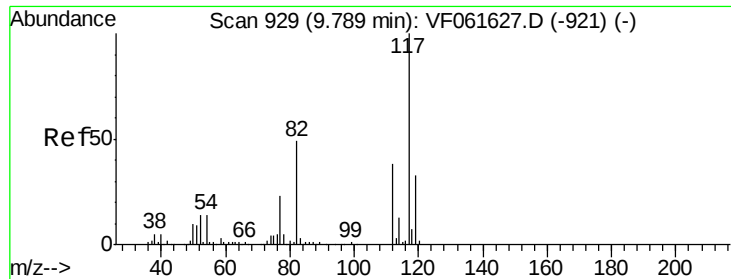
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#62
4-Bromofluorobenzene
Concen: 42.246 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061755.D
Acq: 26 Feb 2019 21:51

Tgt Ion: 95 Resp: 179042
Ion Ratio Lower Upper
95 100
174 90.1 0.0 165.8
176 87.4 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.75 min Scan# 924

Delta R.T. -0.04 min

Lab File: VF061755.D

Acq: 26 Feb 2019 21:51

Instrument :

MSVOA_F

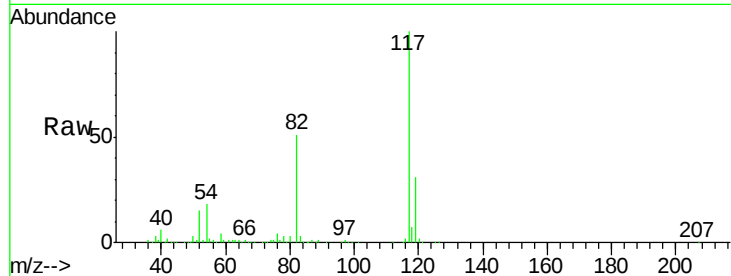
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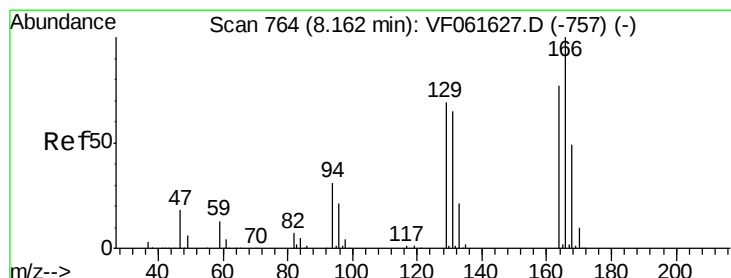
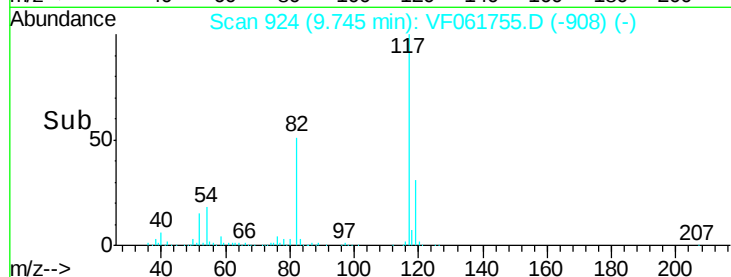
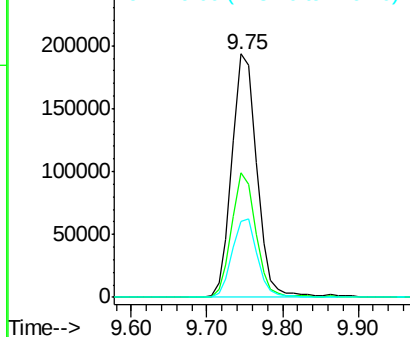
Tot Ion:	117	Resp:	443235
Ion Ratio	Lower	Upper	
117	100		
82	51.1	39.3	58.9
119	31.3	26.6	40.0

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Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#64

Tetrachloroethene

Concen: 5.517 ug/l

RT: 8.13 min Scan# 760

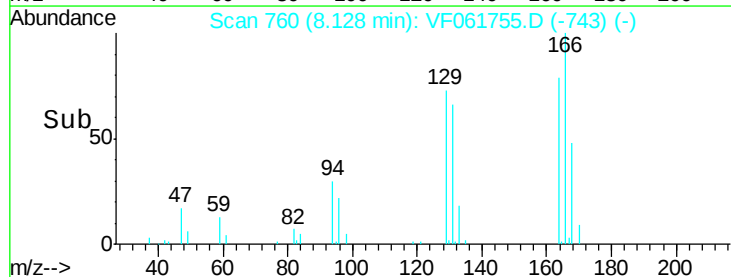
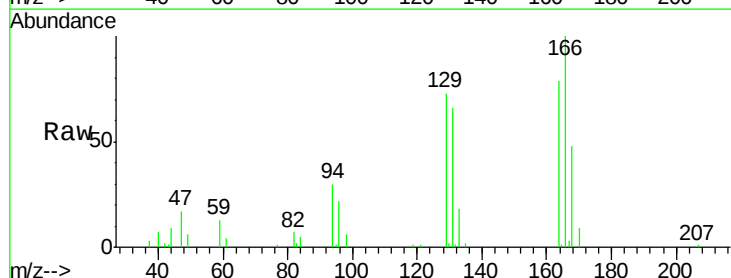
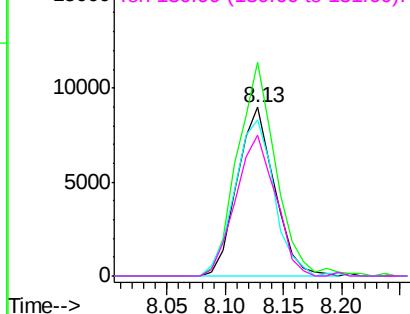
Delta R.T. -0.03 min

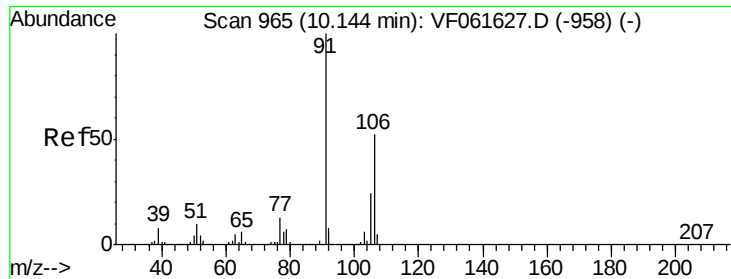
Lab File: VF061755.D

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Tgt Ion:	164	Resp:	19988
Ion Ratio	Lower	Upper	
164	100		
166	126.8	103.9	155.9
129	92.4	71.3	106.9
131	83.7	67.1	100.7

Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V





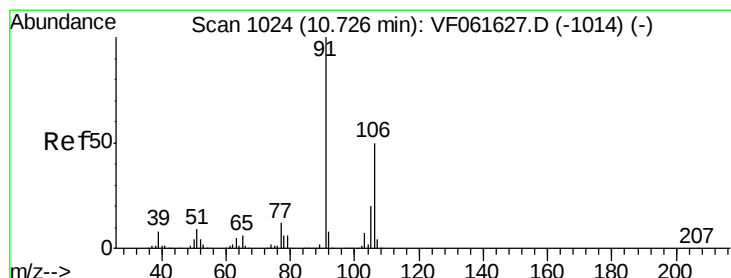
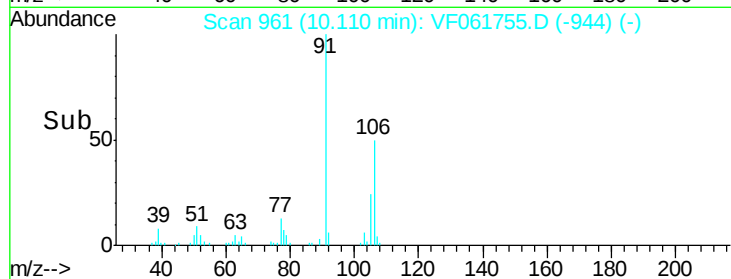
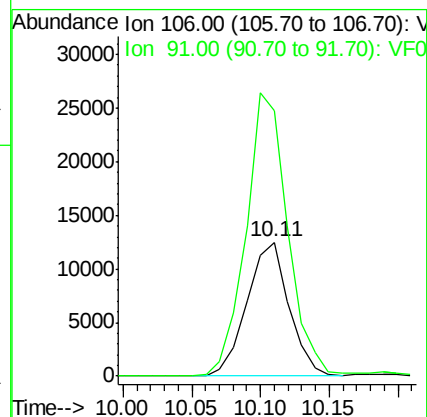
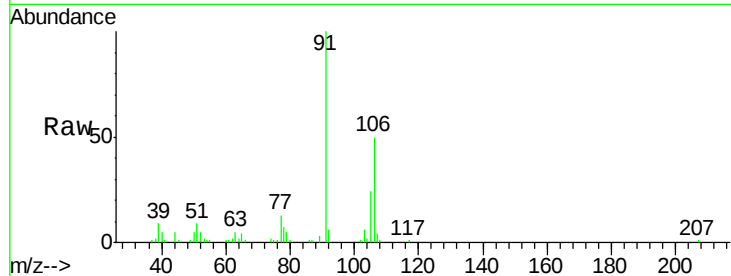
#68
m/p-Xylenes
Concen: 4.639 ug/l
RT: 10.11 min Scan# 961
Delta R.T. -0.03 min
Lab File: VF061755.D
Acq: 26 Feb 2019 21:51

Instrument :
MSVOA_F
ClientSampleId :
A0C5-1-0.5-1.0

Tot Ion:106 Resp: 26554
Ion Ratio Lower Upper
106 100
91 198.5 153.0 229.6

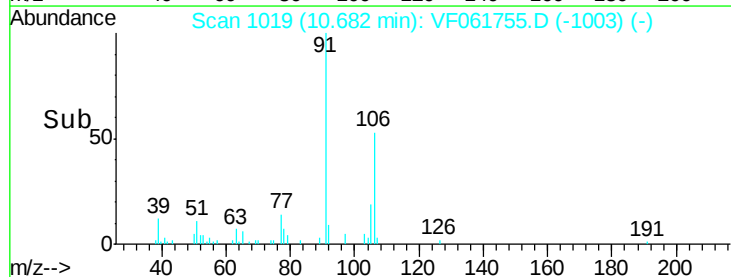
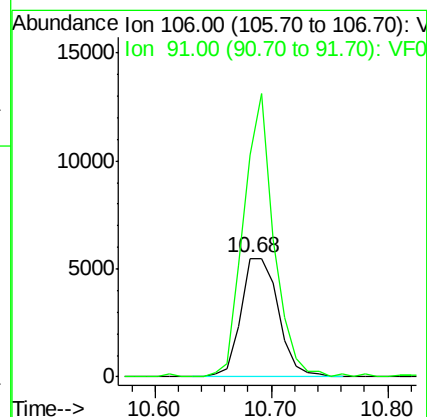
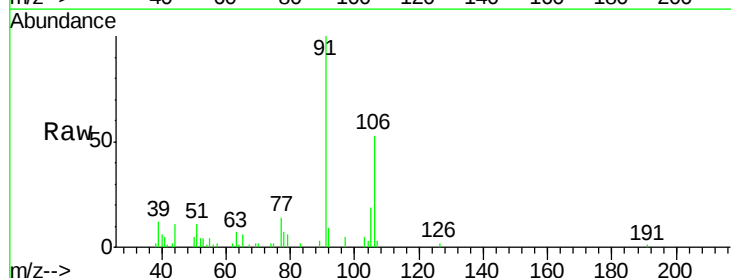
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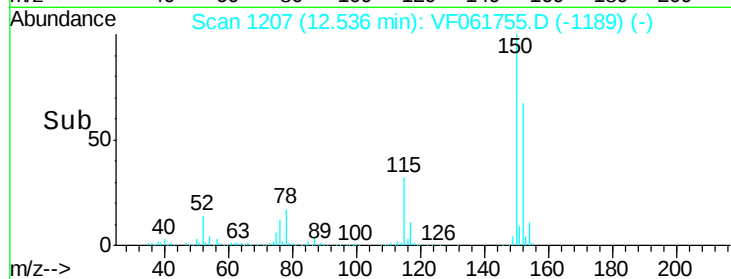
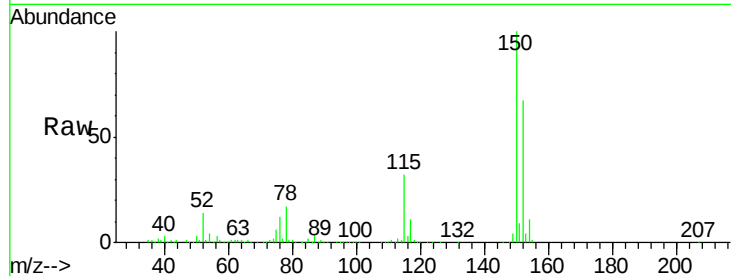
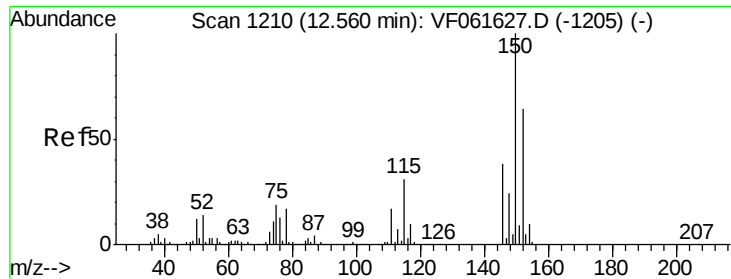
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#69
o-Xylene
Concen: 2.001 ug/l
RT: 10.68 min Scan# 1019
Delta R.T. -0.04 min
Lab File: VF061755.D
Acq: 26 Feb 2019 21:51

Tgt Ion:106 Resp: 12221
Ion Ratio Lower Upper
106 100
91 188.0 100.1 300.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1207

Delta R.T. -0.02 min

Lab File: VF061755.D

Acq: 26 Feb 2019 21:51

Tot Ion	Ratio	Resp	Lower	Upper
152	100	254968		
115	48.4		24.3	72.8
150	149.7		0.0	312.0

Instrument :

MSVOA_F

ClientSampleId :

A0C5-1-0.5-1.0

Manual Integrations
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