

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031519\
 Data File : VF061965.D
 Acq On : 15 Mar 2019 17:10
 Operator : VA/AP
 Sample : K1928-08
 Misc : 6.66g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A1-2-H3(2.5-3)

Manual Integrations
 APPROVED

MMDadoda
 3/17/2019 5:22:37 AM

Quant Time: Mar 16 00:25:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	215882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	338682	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	266966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	123946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	117280	74.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	149.20%	
35) Dibromofluoromethane	4.13	113	146553	62.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.02%	
50) Toluene-d8	7.57	98	377074	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
62) 4-Bromofluorobenzene	11.41	95	150638	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.48%	

Target Compounds Qvalue

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

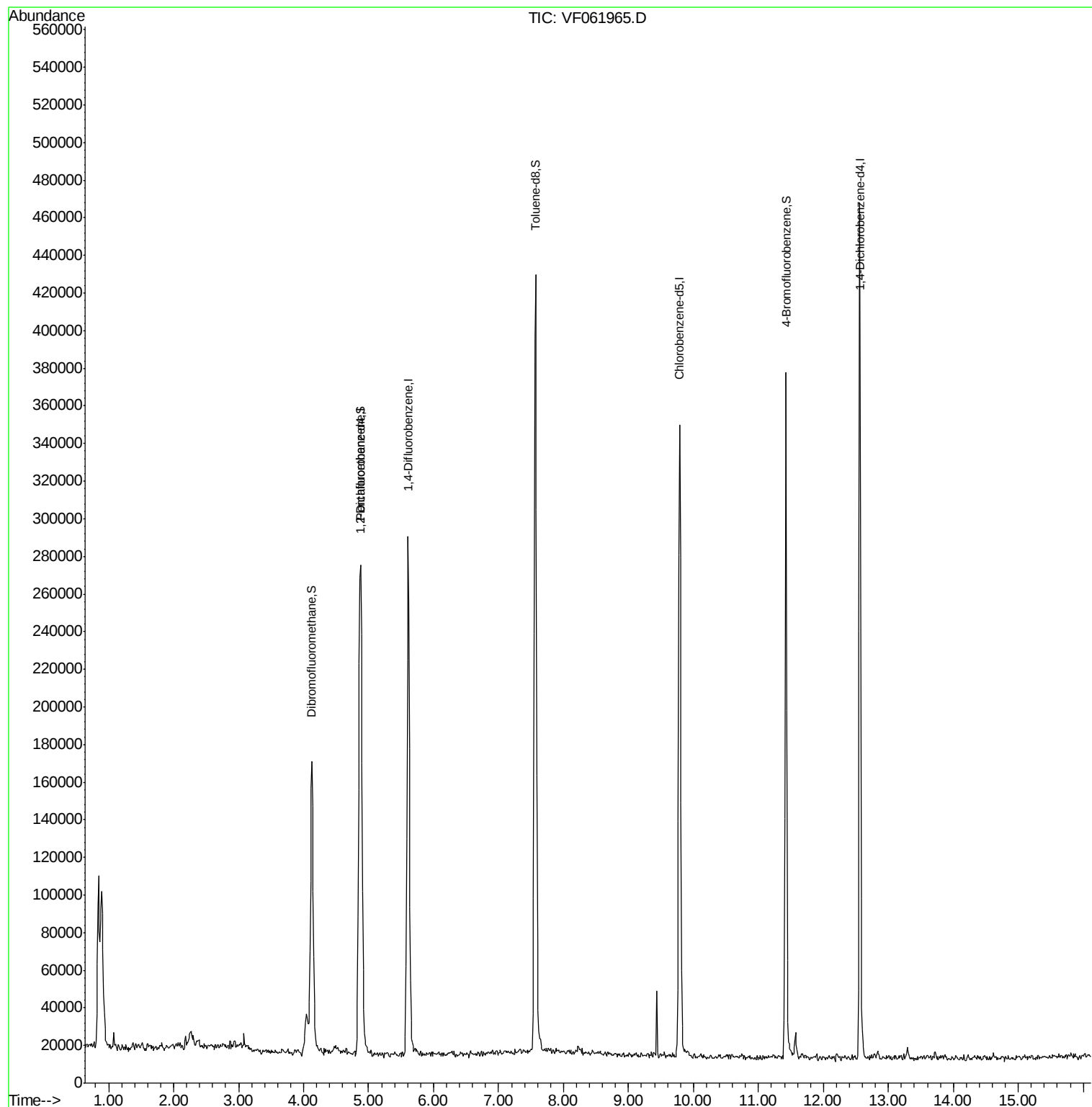
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031519\
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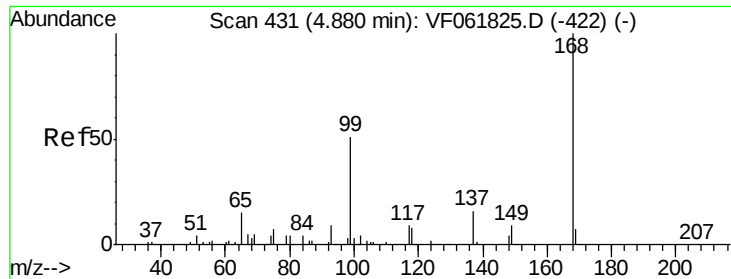
Instrument :
MSVOA_F
ClientSampleId :
A1-2-H3(2.5-3)

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.01 min

Lab File: VF061965.D

Acq: 15 Mar 2019 17:10

Instrument :

MSVOA_F

ClientSampleId :

A1-2-H3(2.5-3)

Tot Ion:168 Resp: 215882

Ion Ratio Lower Upper

168 100

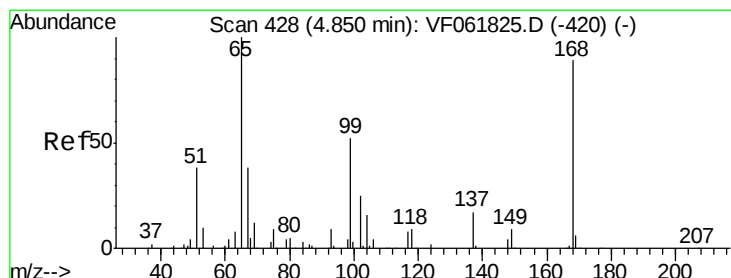
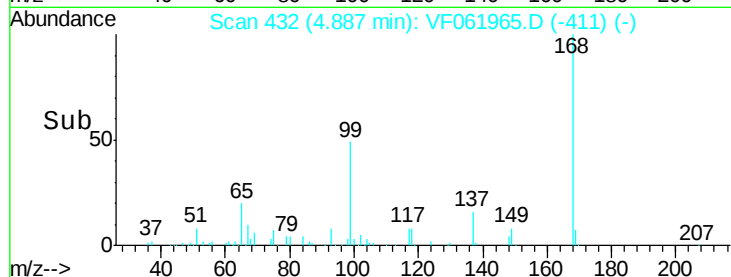
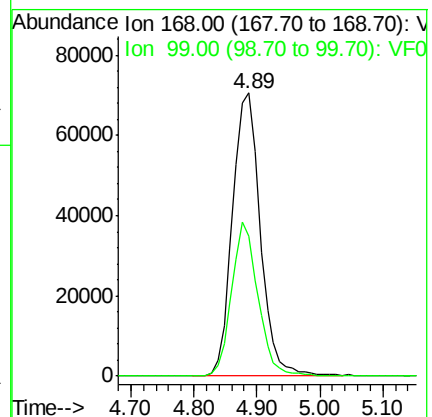
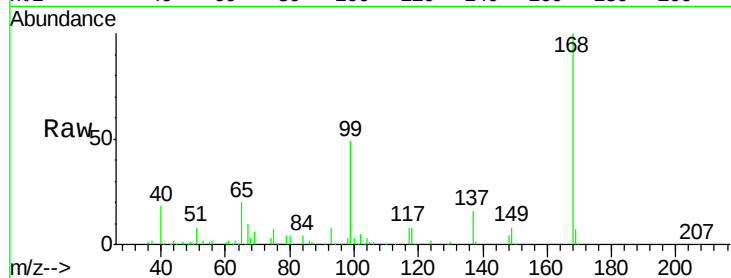
99 49.3 40.8 61.2

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 74.598 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.01 min

Lab File: VF061965.D

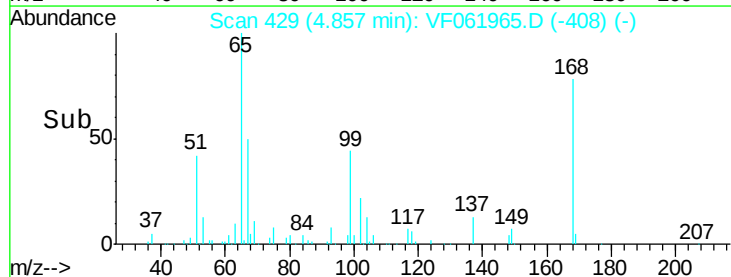
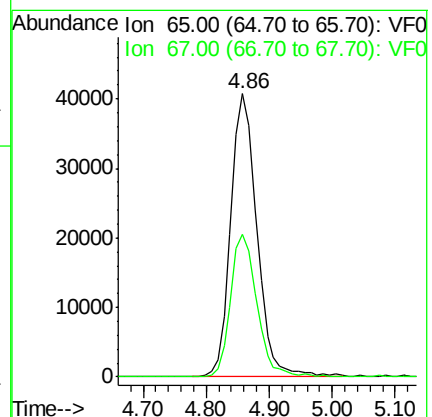
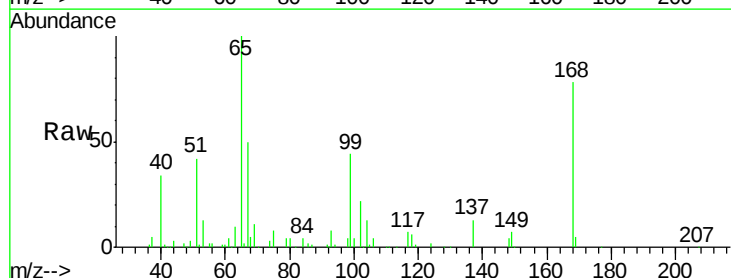
Acq: 15 Mar 2019 17:10

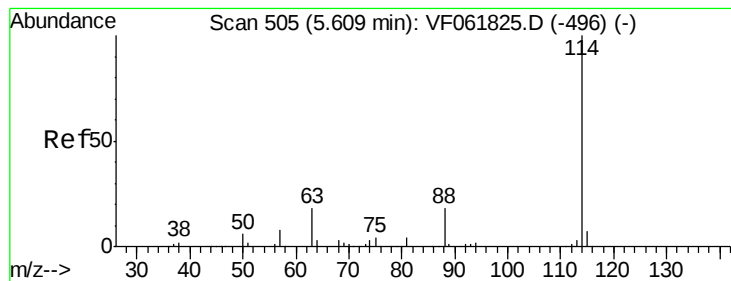
Tgt Ion: 65 Resp: 117280

Ion Ratio Lower Upper

65 100

67 50.2 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.00 min

Lab File: VF061965.D

Acq: 15 Mar 2019 17:10

Instrument :

MSVOA_F

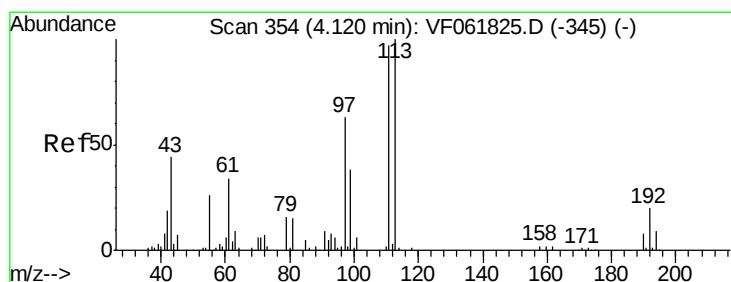
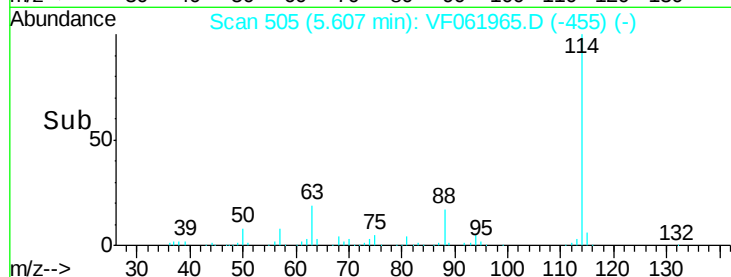
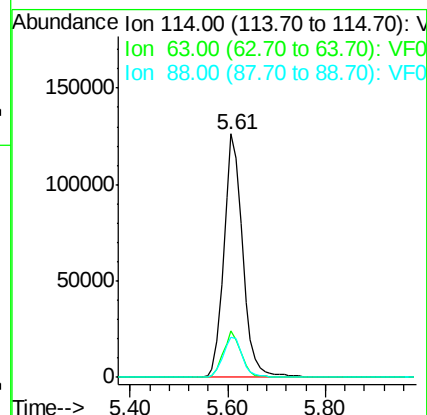
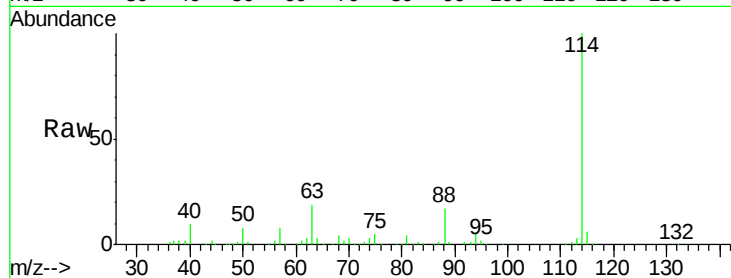
ClientSampleId :

A1-2-H3(2.5-3)

Tot Ion:	114	Resp:	338682
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	35.6
88	16.6	0.0	35.6

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#35

Dibromofluoromethane

Concen: 62.005 ug/l

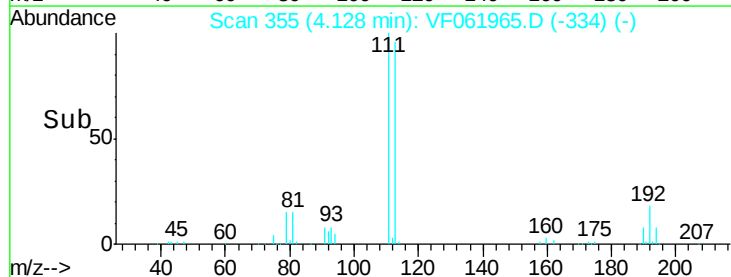
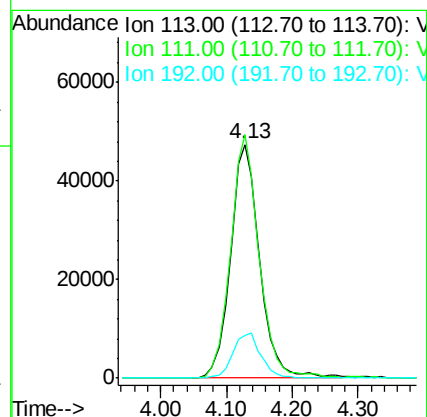
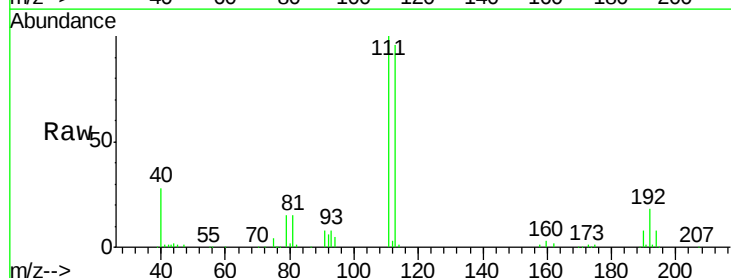
RT: 4.13 min Scan# 355

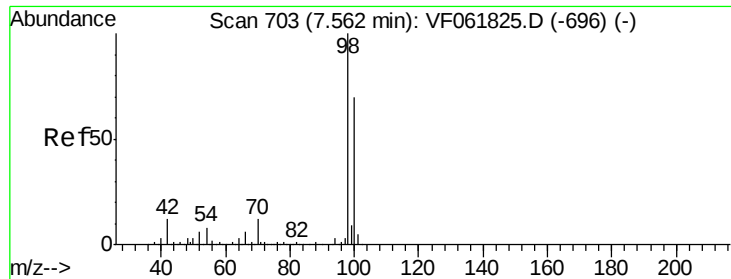
Delta R.T. 0.01 min

Lab File: VF061965.D

Acq: 15 Mar 2019 17:10

Tgt Ion:	113	Resp:	146553
Ion Ratio	Lower	Upper	
113	100		
111	104.3	77.6	116.4
192	18.9	15.9	23.9





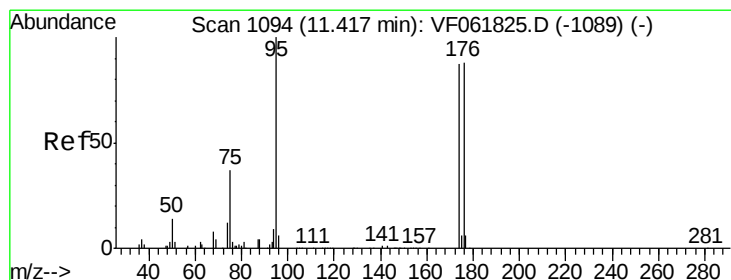
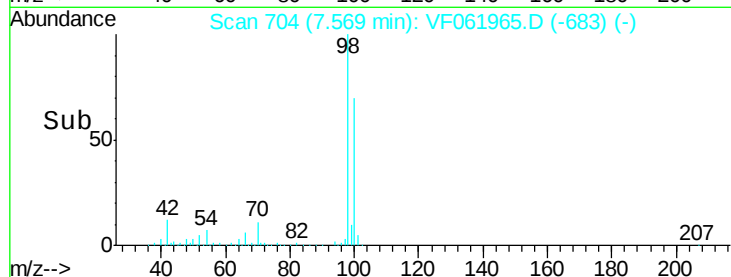
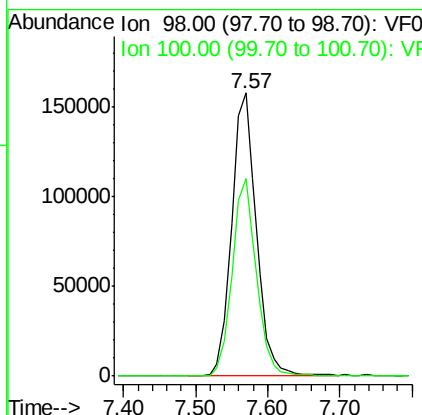
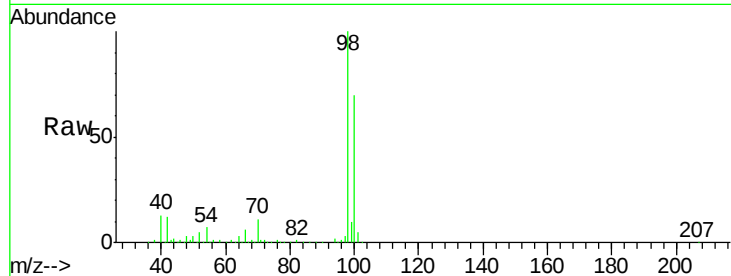
#50
Toluene-d8
Concen: 53.674 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.01 min
Lab File: VF061965.D
Acq: 15 Mar 2019 17:10

Instrument :
MSVOA_F
ClientSampleId :
A1-2-H3(2.5-3)

Tot Ion: 98 Resp: 377074
Ion Ratio Lower Upper
98 100
100 69.6 56.0 84.0

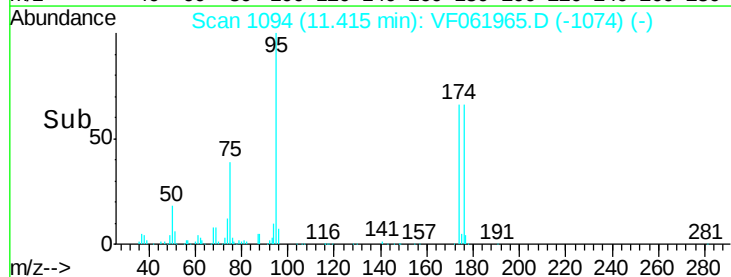
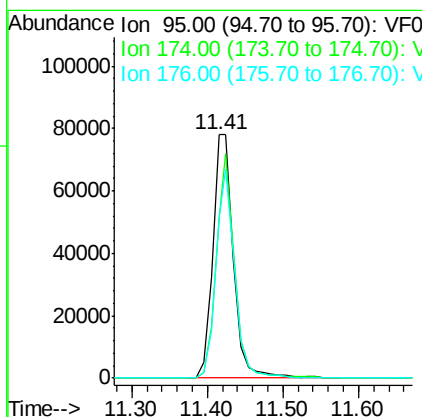
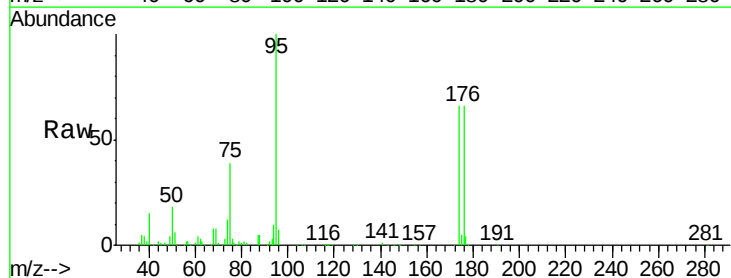
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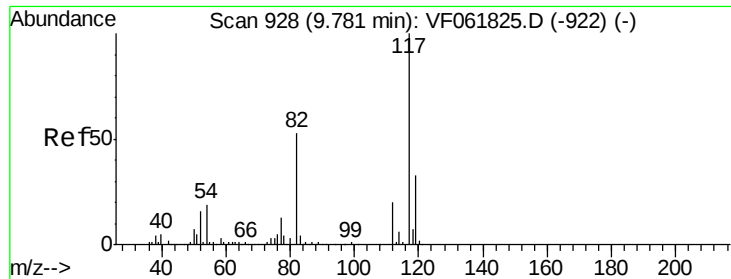
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#62
4-Bromofluorobenzene
Concen: 54.739 ug/l
RT: 11.41 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VF061965.D
Acq: 15 Mar 2019 17:10

Tgt Ion: 95 Resp: 150638
Ion Ratio Lower Upper
95 100
174 66.1 0.0 174.0
176 66.1 0.0 175.2





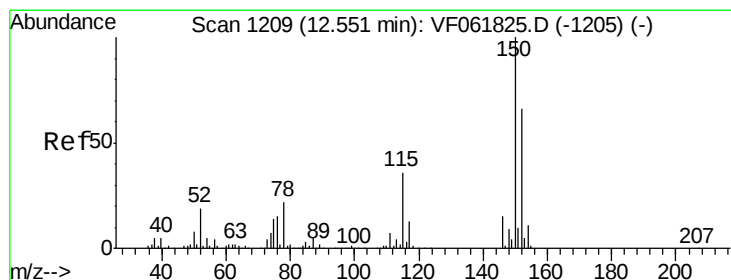
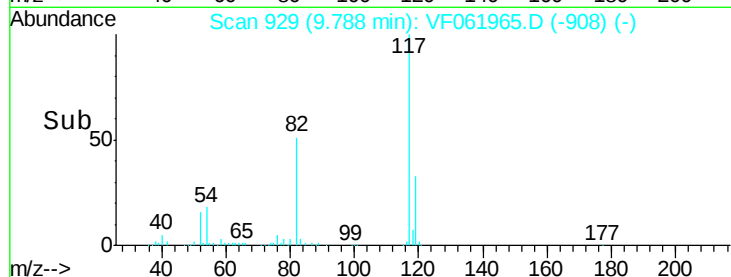
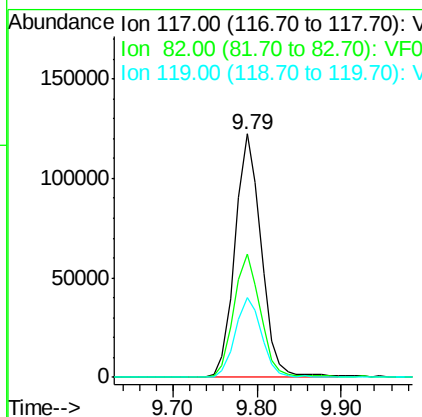
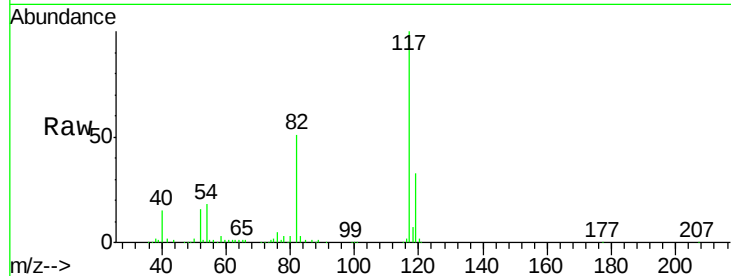
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF061965.D
Acq: 15 Mar 2019 17:10

Instrument :
MSVOA_F
ClientSampleId :
A1-2-H3(2.5-3)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	266966		
82	50.6		42.6	63.8
119	32.6		26.0	39.0

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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: VF061965.D
Acq: 15 Mar 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	123946		
115	54.9		27.7	83.1
150	155.7		0.0	304.2

