

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022819\
 Data File : VF061797.D
 Acq On : 28 Feb 2019 19:48
 Operator : VA/AP
 Sample : K1649-01
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TRE-INTERIOR-WALL

Manual Integrations
 APPROVED

MMDadoda
 3/2/2019 4:10:00 AM

Quant Time: Mar 01 00:51:49 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	4.86	168	287731m	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	469304	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	409928	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	228301	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	115680	54.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	109.66%	
35) Dibromofluoromethane	4.10	113	139081	39.91	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	79.82%	
50) Toluene-d8	7.54	98	384975	38.43	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	76.86%	
62) 4-Bromofluorobenzene	11.40	95	180160	44.44	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	88.88%	

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

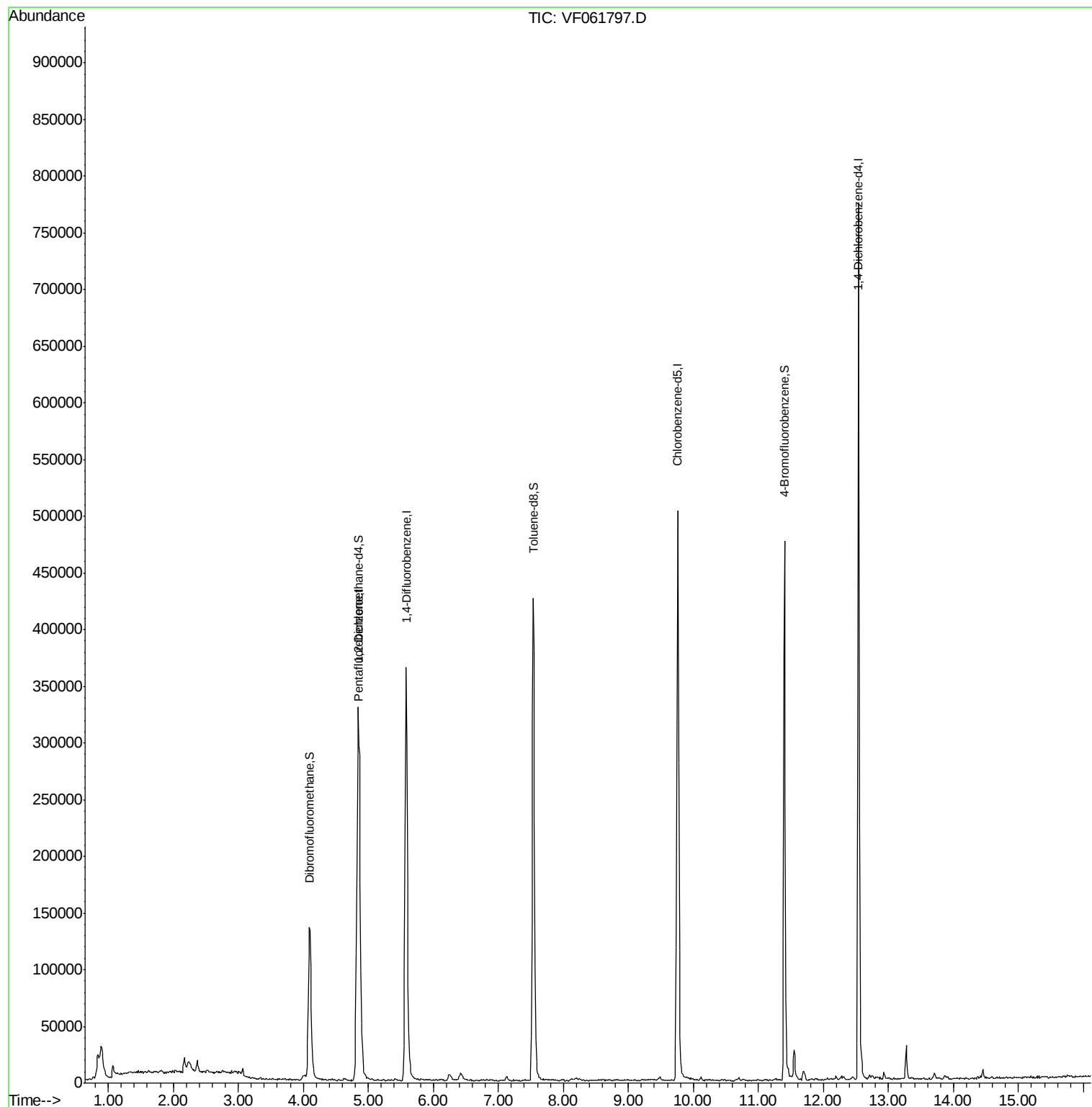
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022819\
Data File : VF061797.D
Acq On : 28 Feb 2019 19:48
Operator : VA/AP
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ALS Vial : 14 Sample Multiplier: 1

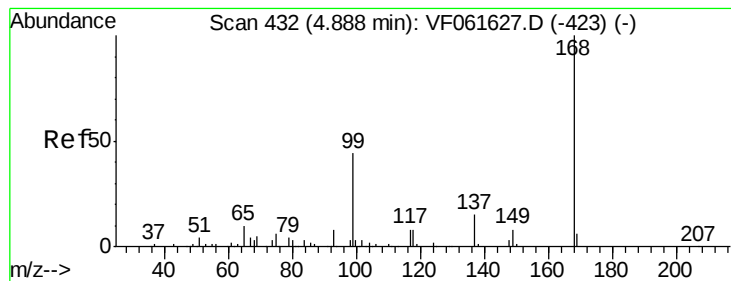
Instrument :
MSVOA_F
ClientSampleId :
TRE-INTERIOR-WALL

Manual Integrations
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MMDadoda
3/2/2019 4:10:00 AM

Quant Time: Mar 01 00:51:49 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 m

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061797.D

Acq: 28 Feb 2019 19:48

Instrument :

MSVOA_F

ClientSampleId :

TRE-INTERIOR-WALL

Tot Ion:168 Resp: 287731

Ion Ratio Lower Upper

168 100

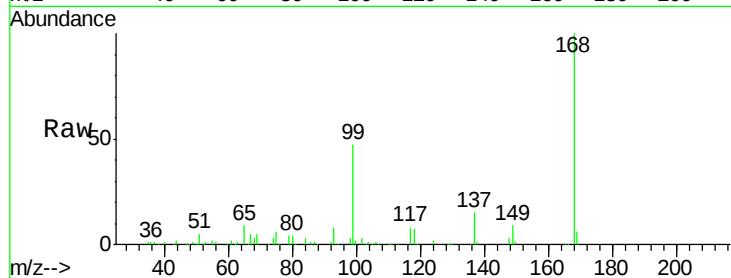
99 46.9 34.9 52.3

Manual Integrations

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3/2/2019 4:10:00 AM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

100000

80000

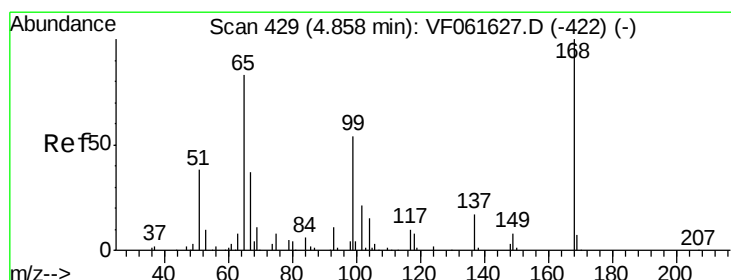
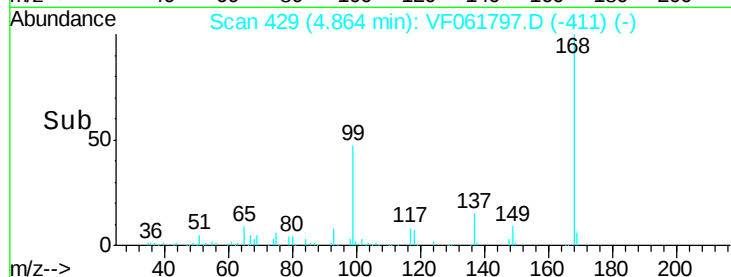
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.825 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061797.D

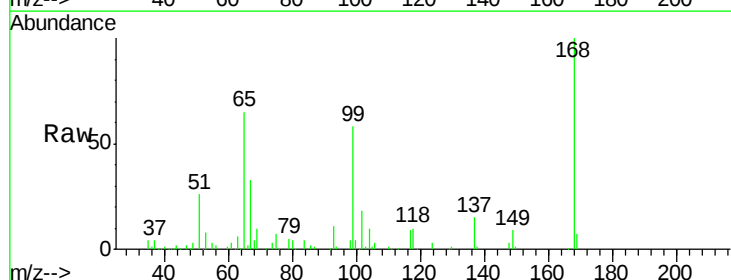
Acq: 28 Feb 2019 19:48

Tgt Ion: 65 Resp: 115680

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

40000

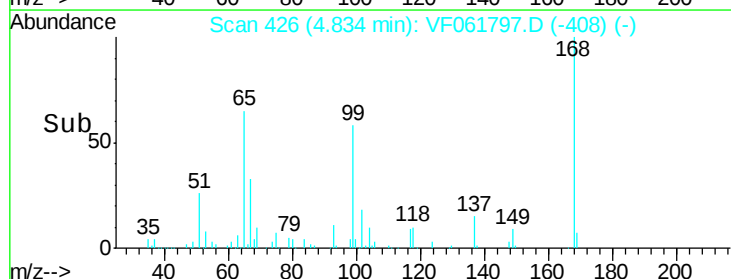
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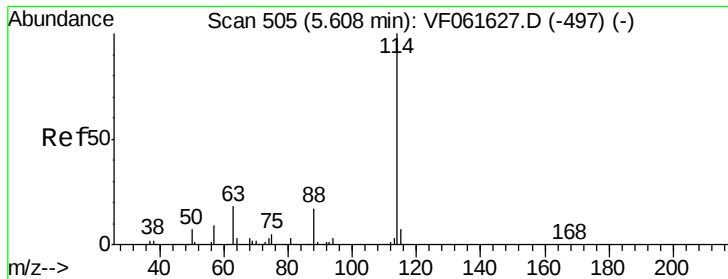
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF061797.D

Acq: 28 Feb 2019 19:48

Instrument :

MSVOA_F

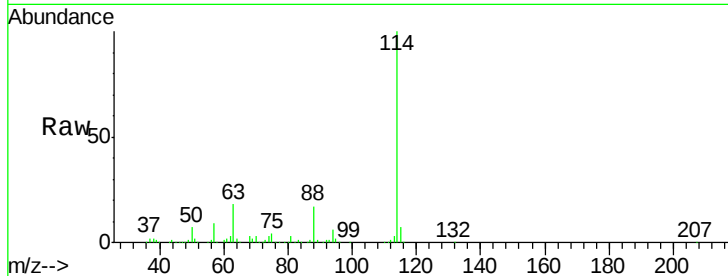
ClientSampleId :

TRE-INTERIOR-WALL

Tot Ion:	114	Resp:	469304
Ion Ratio		Lower	Upper
114	100		
63	18.4	0.0	36.6
88	17.1	0.0	34.4

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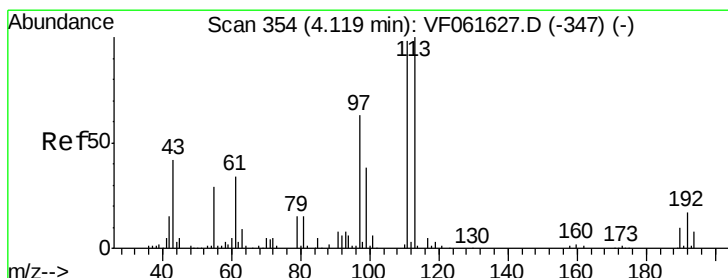
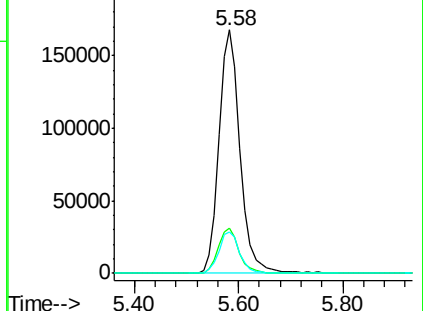
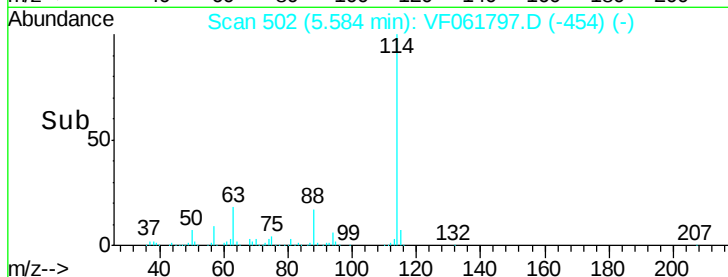
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3/2/2019 4:10:00 AM



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: 39.907 ug/l

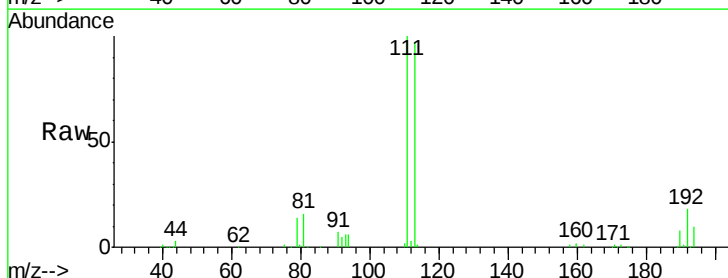
RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF061797.D

Acq: 28 Feb 2019 19:48

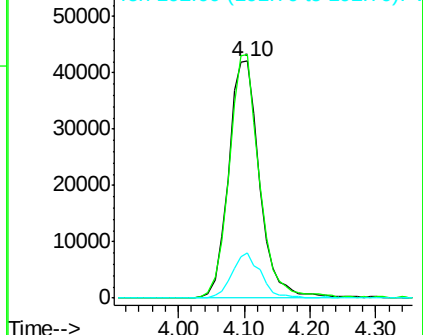
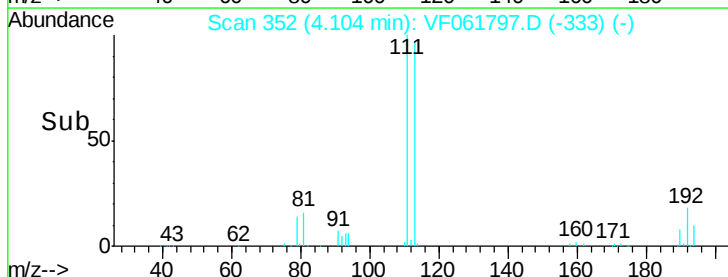
Tgt Ion:	113	Resp:	139081
Ion Ratio		Lower	Upper
113	100		
111	102.8	78.8	118.2
192	18.9	13.4	20.0

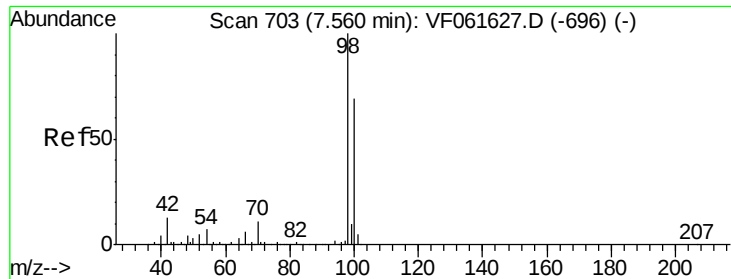


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





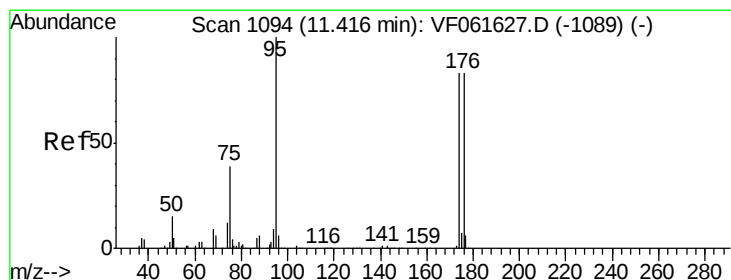
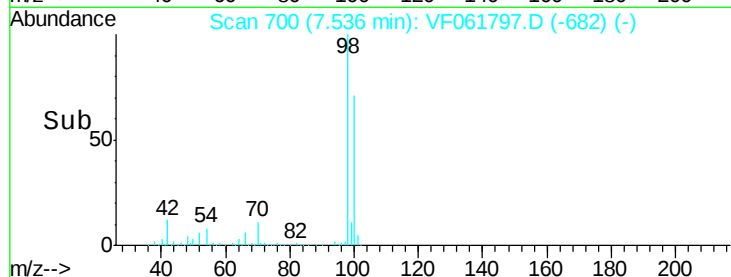
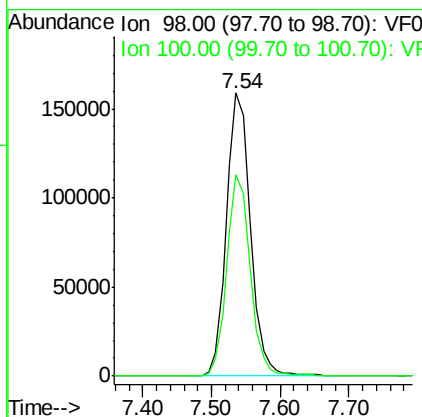
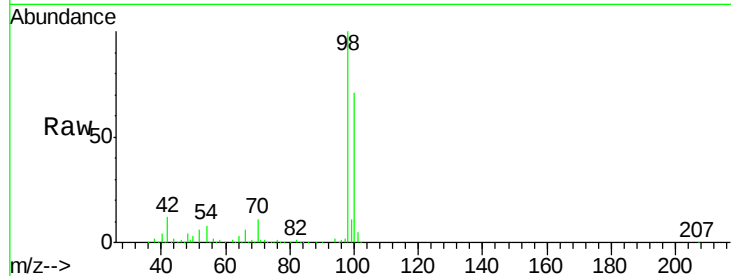
#50
Toluene-d8
Concen: 38.426 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061797.D
Acq: 28 Feb 2019 19:48

Instrument :
MSVOA_F
ClientSampleId :
TRE-INTERIOR-WALL

Tot Ion: 98 Resp: 384975
Ion Ratio Lower Upper
98 100
100 71.1 55.4 83.2

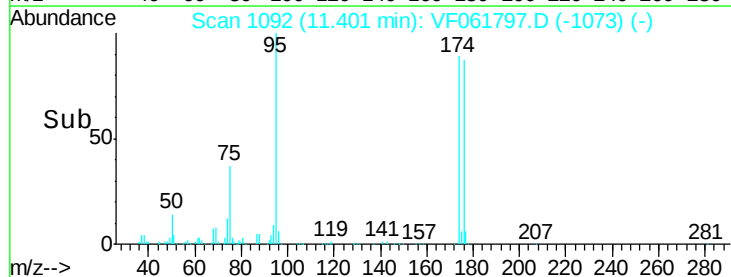
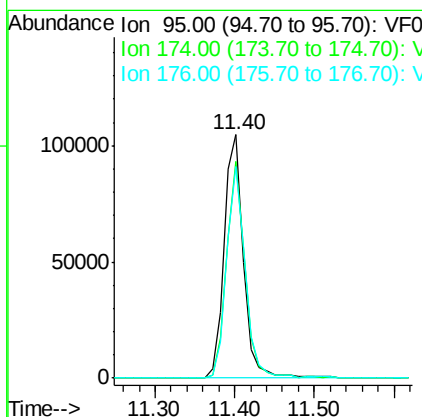
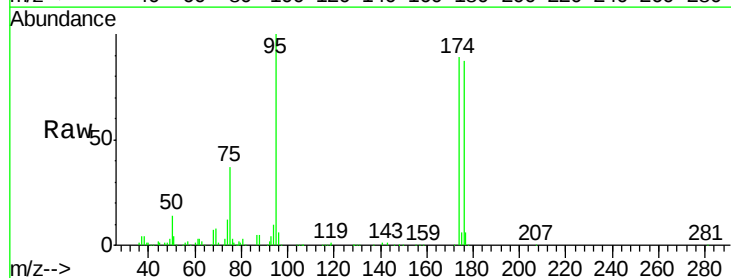
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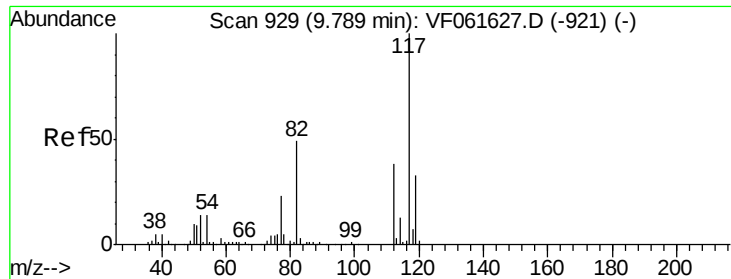
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#62
4-Bromofluorobenzene
Concen: 44.443 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061797.D
Acq: 28 Feb 2019 19:48

Tgt Ion: 95 Resp: 180160
Ion Ratio Lower Upper
95 100
174 89.1 0.0 165.8
176 86.9 0.0 167.0





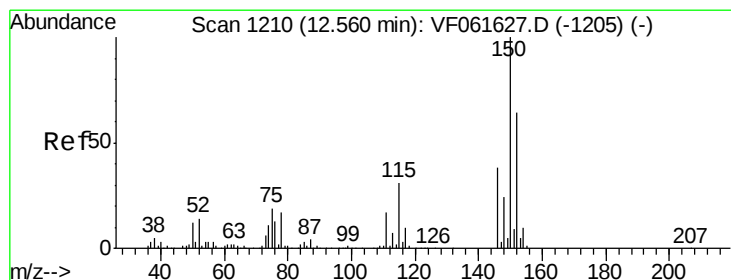
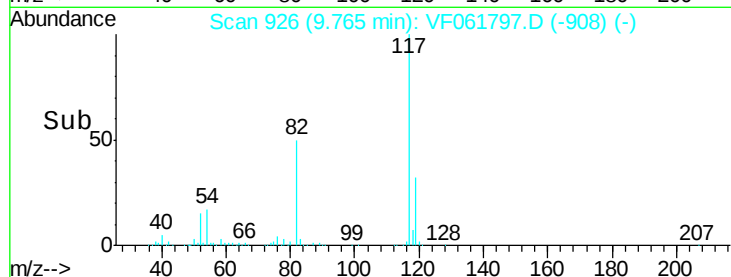
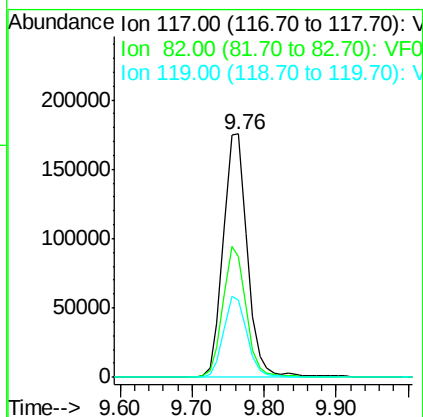
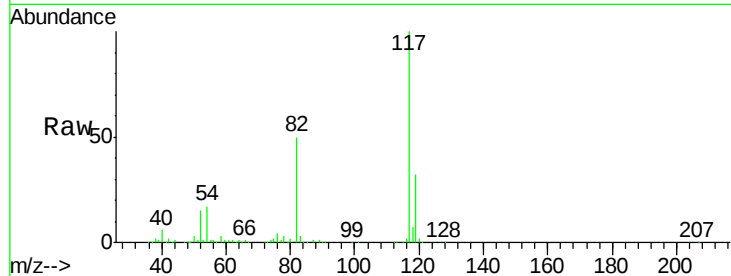
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061797.D
Acq: 28 Feb 2019 19:48

Instrument :
MSVOA_F
ClientSampleId :
TRE-INTERIOR-WALL

Tot Ion	Ratio	Resp	Lower	Upper
117	100	409928		
82	49.8		39.3	58.9
119	32.0		26.6	40.0

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061797.D
Acq: 28 Feb 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	228301		
115	53.9		24.3	72.8
150	150.4		0.0	312.0

