

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022619\
 Data File : VF061750.D
 Acq On : 26 Feb 2019 19:27
 Operator : VA/AP
 Sample : K1627-04
 Misc : 5.86g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-(5-10)

Manual Integrations
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 2/27/2019 3:19:54 PM

Quant Time: Feb 27 04:40:01 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	4.85	168	282339	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	434455	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	315291	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	106145	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	100684	48.63	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	4.09	113	158563	49.15	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	7.53	98	362050	39.04	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	78.08%	
62) 4-Bromofluorobenzene	11.40	95	117451	31.30	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	62.60%	
Target Compounds						
16) Acetone	2.24	43	14849	33.427	ug/l #	87
20) Methylene Chloride	2.25	84	25401m	8.583	ug/l	
40) Benzene	4.61	78	16864	1.498	ug/l	97
52) Toluene	7.60	92	11893	1.742	ug/l	99

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

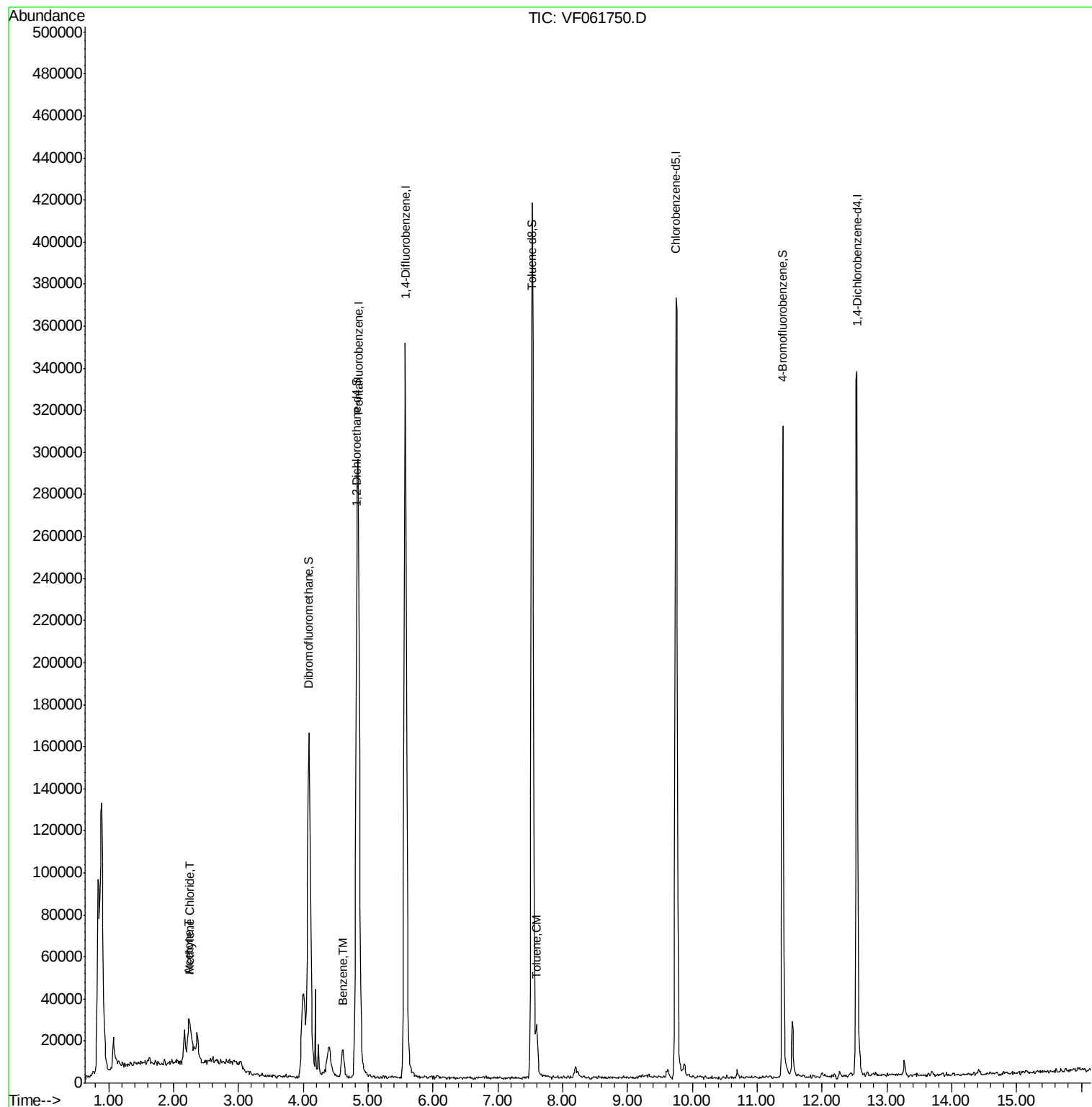
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022619\
Data File : VF061750.D
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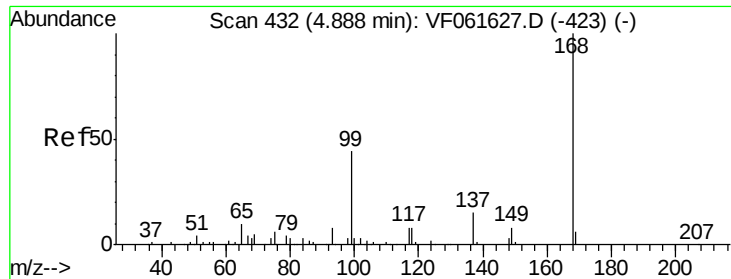
Instrument :
MSVOA_F
ClientSampleId :
SB-02-(5-10)

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Quant Time: Feb 27 04:40:01 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: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF061750.D

Acq: 26 Feb 2019 19:27

Instrument :

MSVOA_F

ClientSampled :

SB-02-(5-10)

Tot Ion:168 Resp: 282339

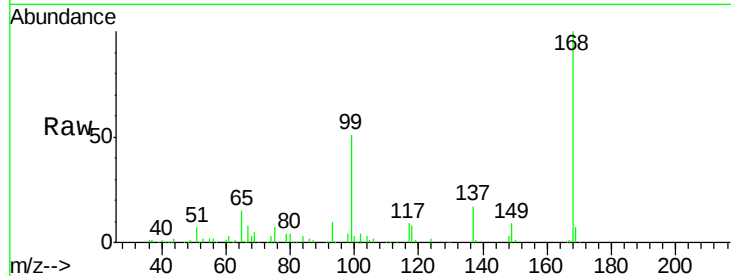
Ion Ratio Lower Upper

168 100

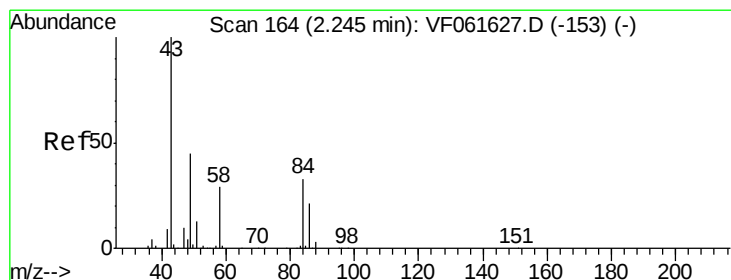
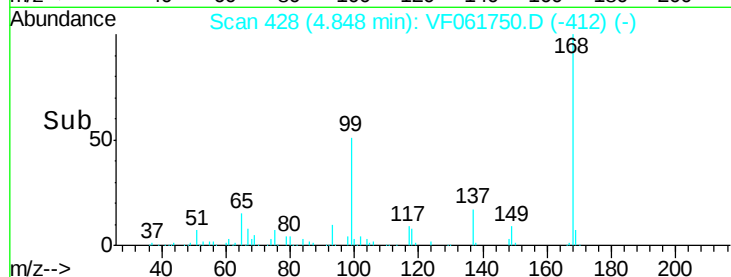
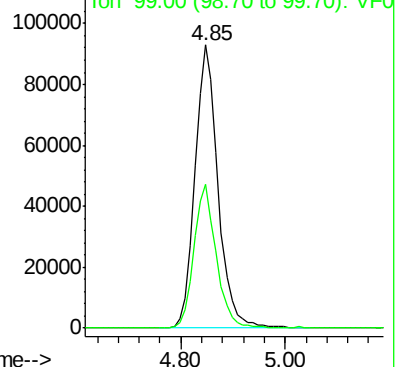
99 50.7 34.9 52.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0



#16

Acetone

Concen: 33.427 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061750.D

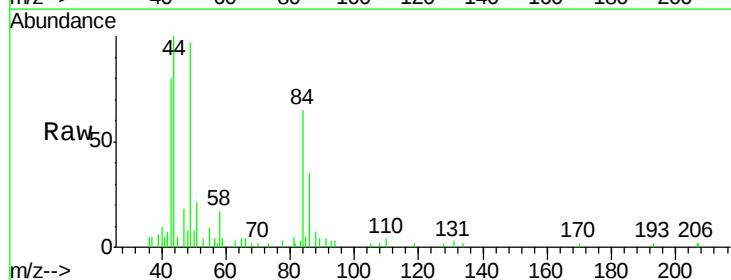
Acq: 26 Feb 2019 19:27

Tgt Ion: 43 Resp: 14849

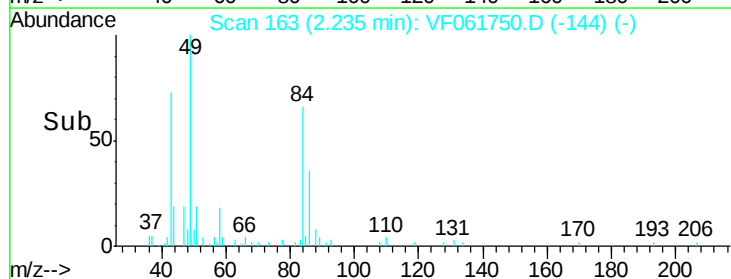
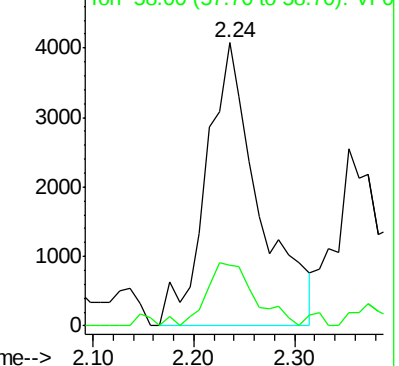
Ion Ratio Lower Upper

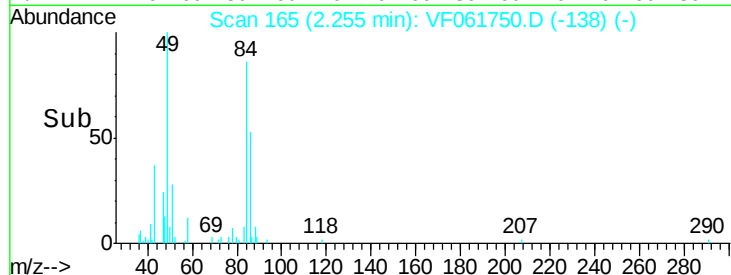
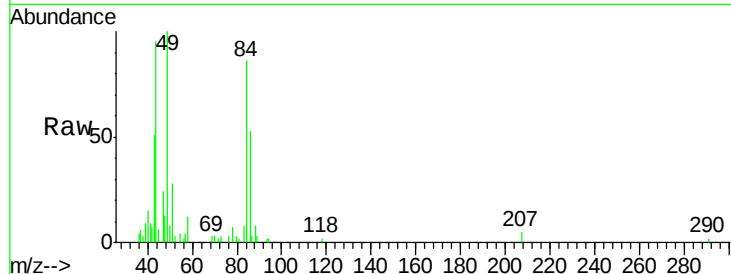
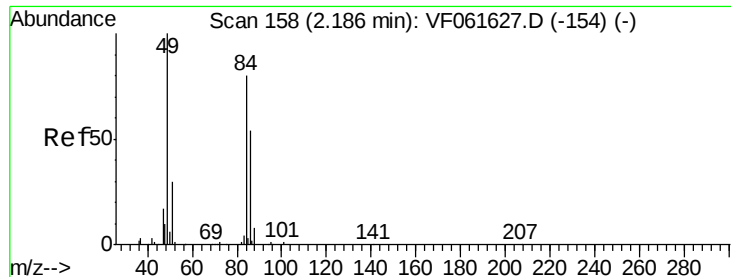
43 100

58 21.5 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0





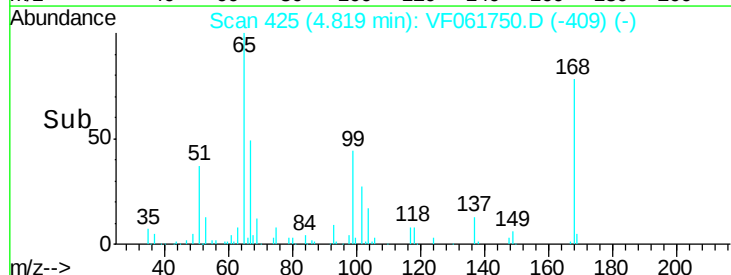
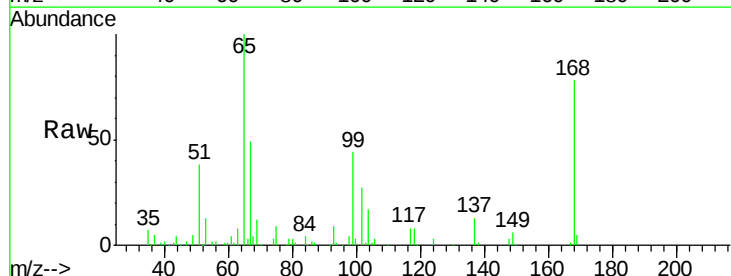
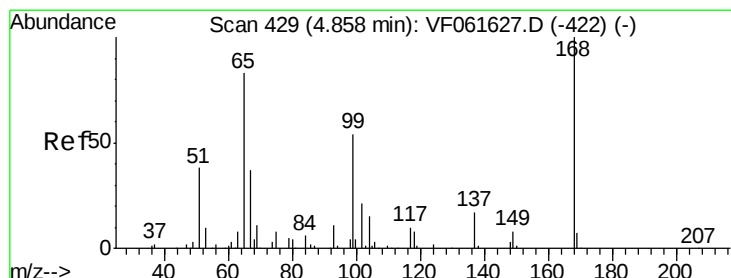
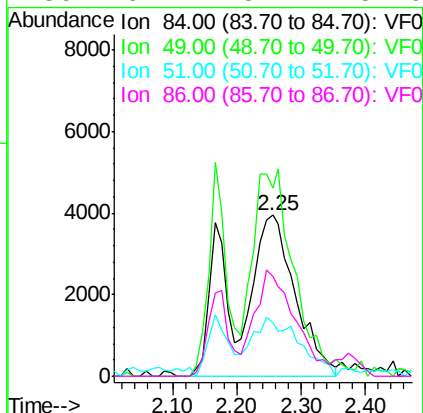
#20
Methylene Chloride
Concen: 8.583 ug/l m
RT: 2.25 min Scan# 165
Delta R.T. 0.07 min
Lab File: VF061750.D
Acq: 26 Feb 2019 19:27

Tot Ion:	84	Resp:	25401
Ion	Ratio	Lower	Upper
84	100		
49	116.7	101.8	152.8
51	33.2	31.1	46.7
86	62.2	54.4	81.6

Instrument :
MSVOA_F
ClientSampleId :
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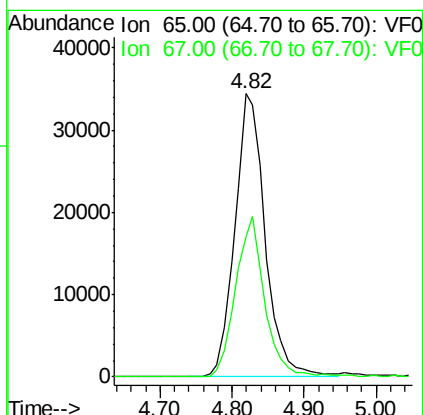
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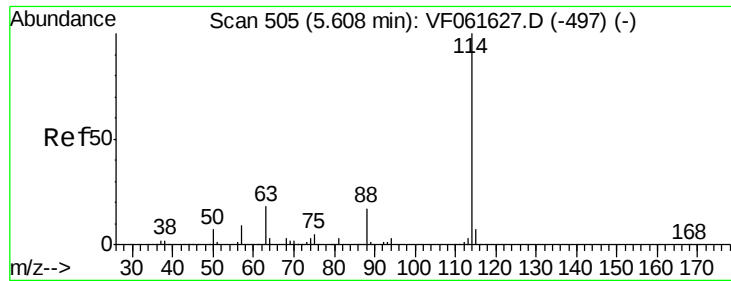
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#33
1,2-Dichloroethane-d4
Concen: 48.629 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF061750.D
Acq: 26 Feb 2019 19:27

Tgt Ion:	65	Resp:	100684
Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061750.D

Acq: 26 Feb 2019 19:27

Instrument :

MSVOA_F

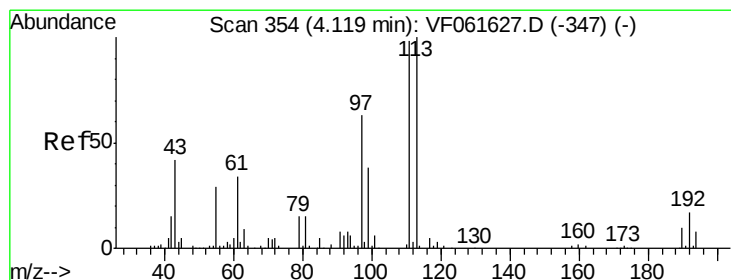
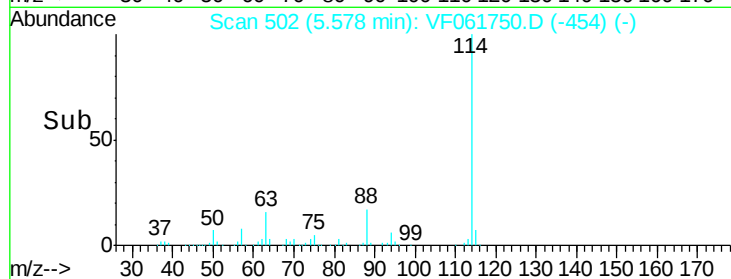
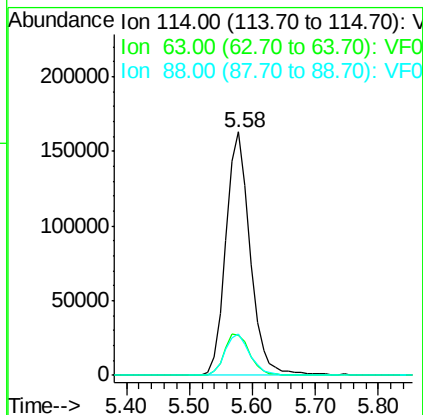
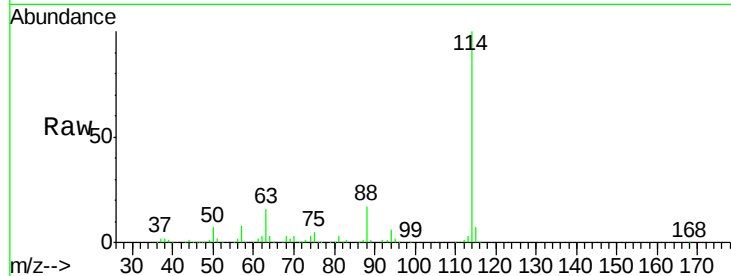
ClientSampleId :

SB-02-(5-10)

Tot Ion:	114	Resp:	434455
Ion Ratio	Lower	Upper	
114	100		
63	16.3	0.0	36.6
88	16.9	0.0	34.4

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#35

Dibromofluoromethane

Concen: 49.147 ug/l

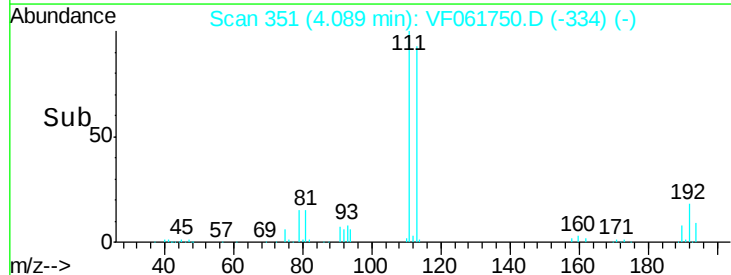
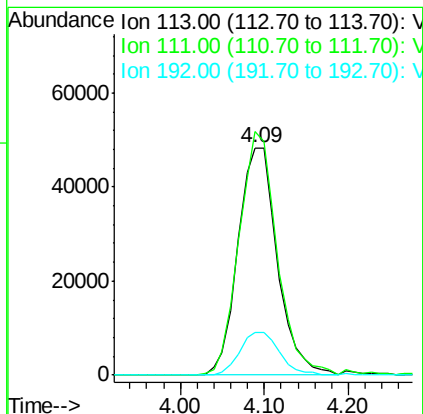
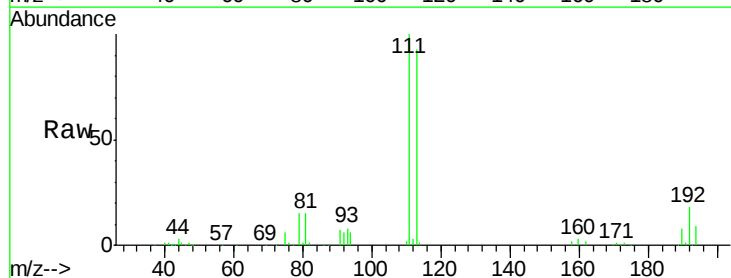
RT: 4.09 min Scan# 351

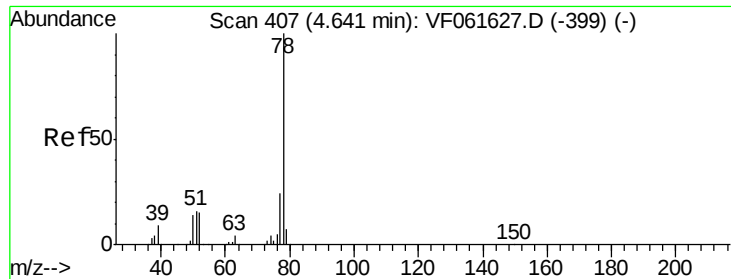
Delta R.T. -0.03 min

Lab File: VF061750.D

Acq: 26 Feb 2019 19:27

Tgt Ion:	113	Resp:	158563
Ion Ratio	Lower	Upper	
113	100		
111	107.0	78.8	118.2
192	19.4	13.4	20.0





#40

Benzene

Concen: 1.498 ug/l

RT: 4.61 min Scan# 404

Delta R.T. -0.03 min

Lab File: VF061750.D

Acq: 26 Feb 2019 19:27

Instrument :

MSVOA_F

ClientSampleId :

SB-02-(5-10)

Tot Ion: 78 Resp: 16864

Ion Ratio Lower Upper

78 100

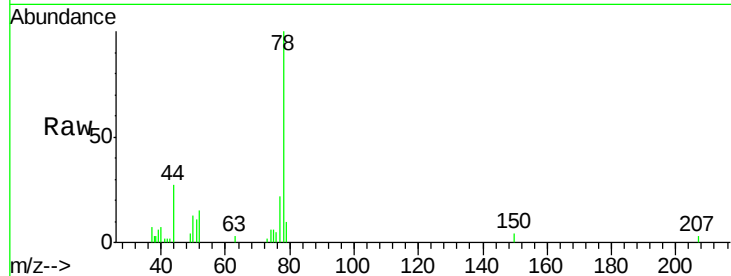
77 22.3 19.0 28.6

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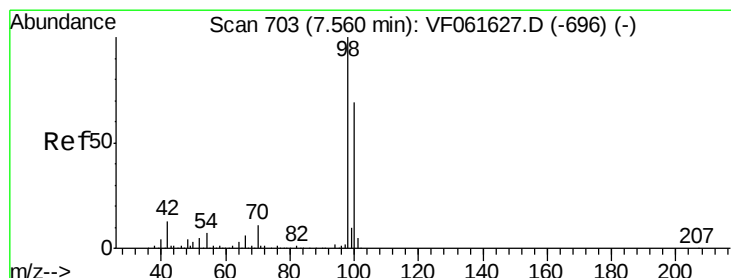
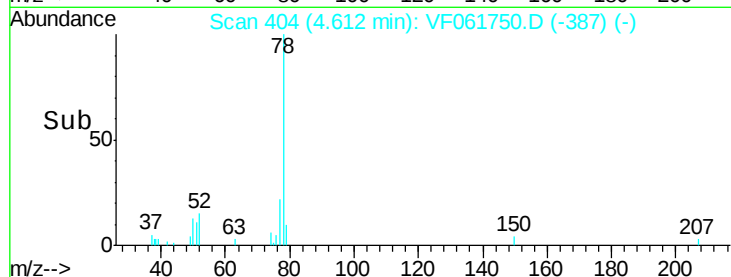
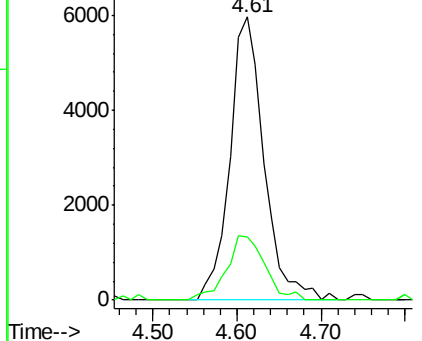
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Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0



#50

Toluene-d8

Concen: 39.036 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF061750.D

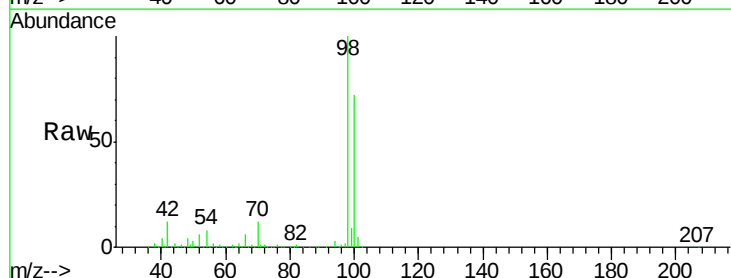
Acq: 26 Feb 2019 19:27

Tgt Ion: 98 Resp: 362050

Ion Ratio Lower Upper

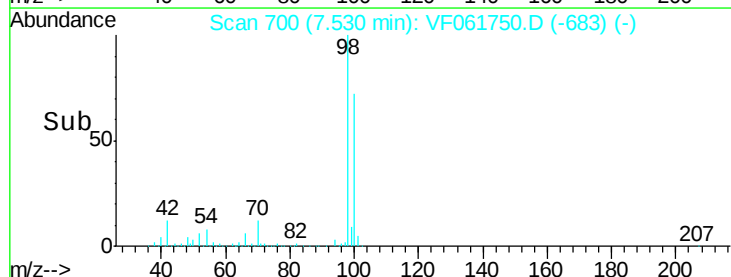
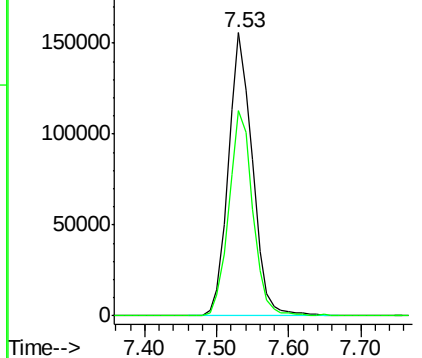
98 100

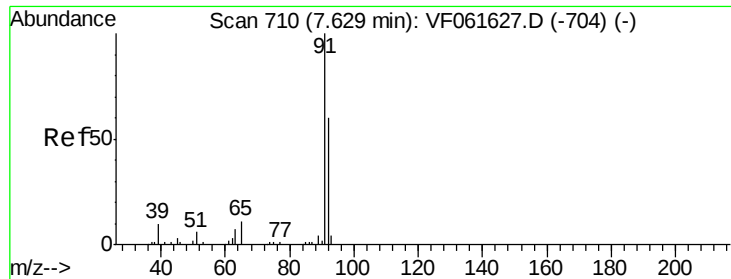
100 72.3 55.4 83.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#52

Toluene

Concen: 1.742 ug/l

RT: 7.60 min Scan# 707

Delta R.T. -0.03 min

Lab File: VF061750.D

Acq: 26 Feb 2019 19:27

Instrument :

MSVOA_F

ClientSampleId :

SB-02-(5-10)

Tot Ion: 92 Resp: 11893

Ion Ratio Lower Upper

92 100

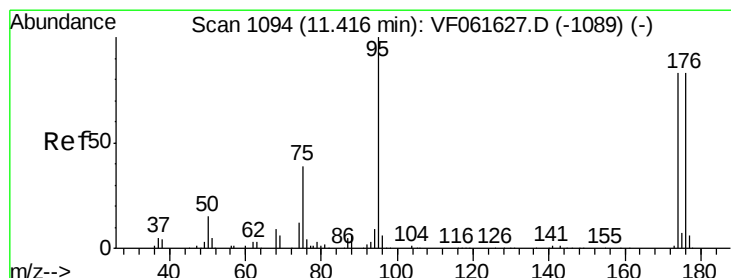
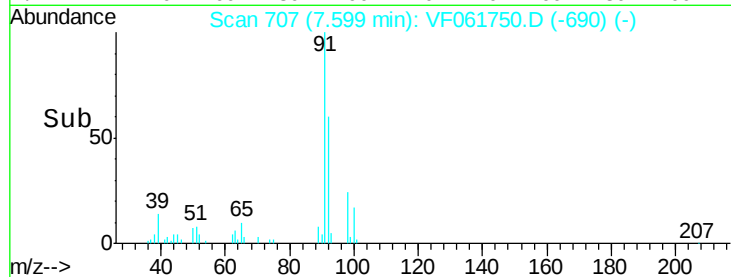
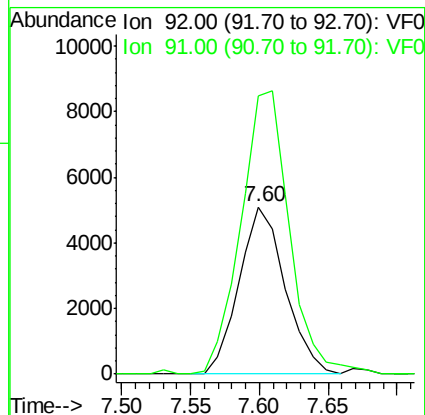
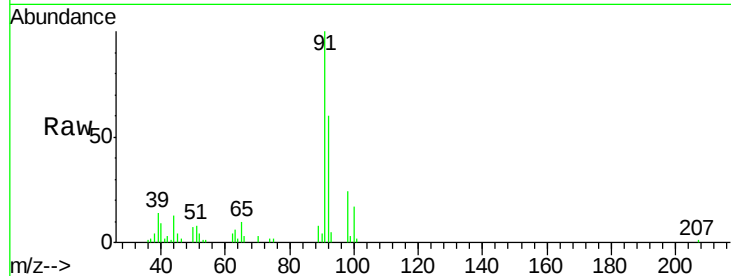
91 166.1 133.9 200.9

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#62

4-Bromofluorobenzene

Concen: 31.298 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061750.D

Acq: 26 Feb 2019 19:27

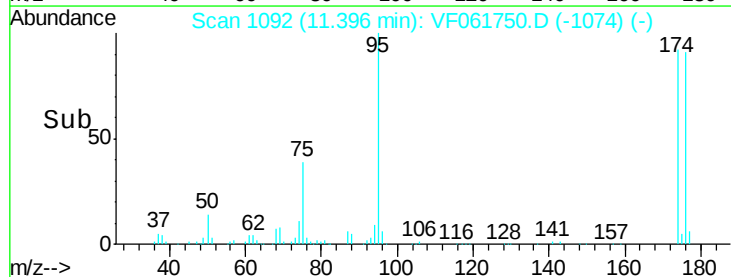
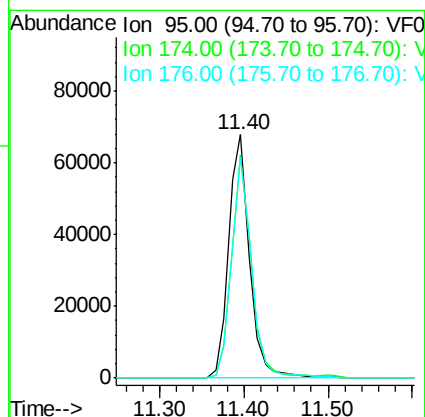
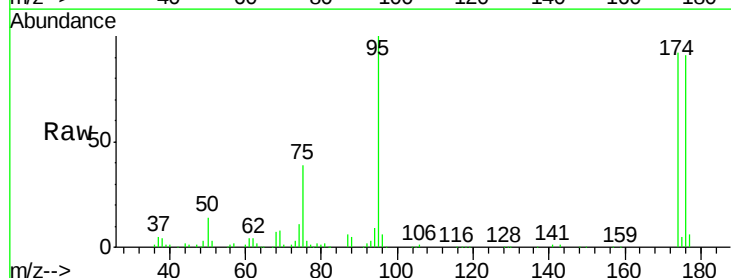
Tgt Ion: 95 Resp: 117451

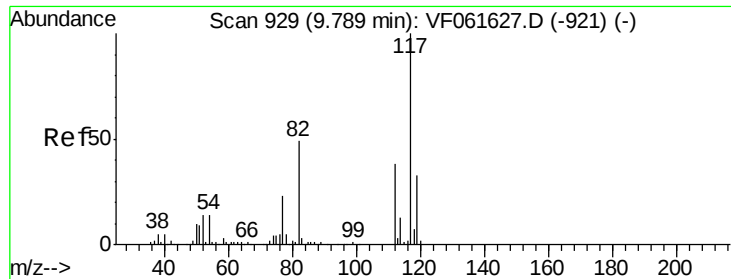
Ion Ratio Lower Upper

95 100

174 91.5 0.0 165.8

176 90.6 0.0 167.0





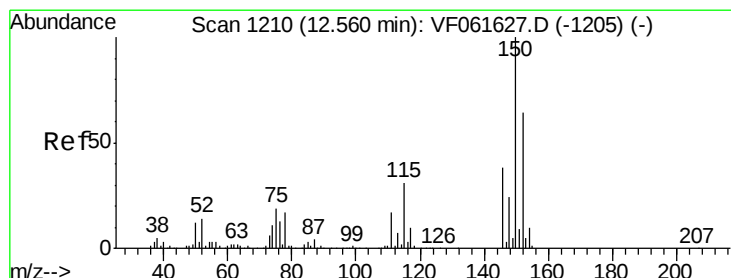
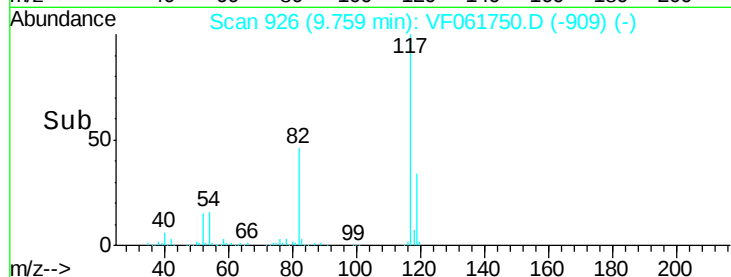
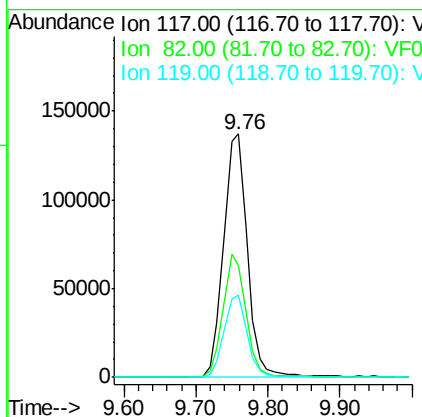
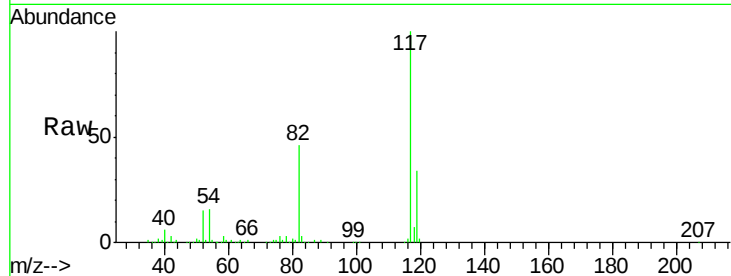
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061750.D
Acq: 26 Feb 2019 19:27

Instrument :
MSVOA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
117	100	315291		
82	46.0		39.3	58.9
119	33.6		26.6	40.0

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061750.D
Acq: 26 Feb 2019 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	106145		
115	46.5		24.3	72.8
150	145.6		0.0	312.0

