

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050919\
 Data File : VF062407.D
 Acq On : 9 May 2019 20:34
 Operator : FY/SY
 Sample : K2643-03
 Misc : 6.55g/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-050719-B

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 11:17:36 AM

Quant Time: May 10 08:16:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	254134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	55121	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	2912	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	107312	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	195480	81.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	162.78%	
35) Dibromofluoromethane	4.31	113	207875	473.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	946.74%	
50) Toluene-d8	7.70	98	785	0.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	1.48%	
62) 4-Bromofluorobenzene	11.49	95	92574	193.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	386.06%	
Target Compounds						
20) Methylene Chloride	2.32	84	31887m	18.141	ug/l	Qvalue

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

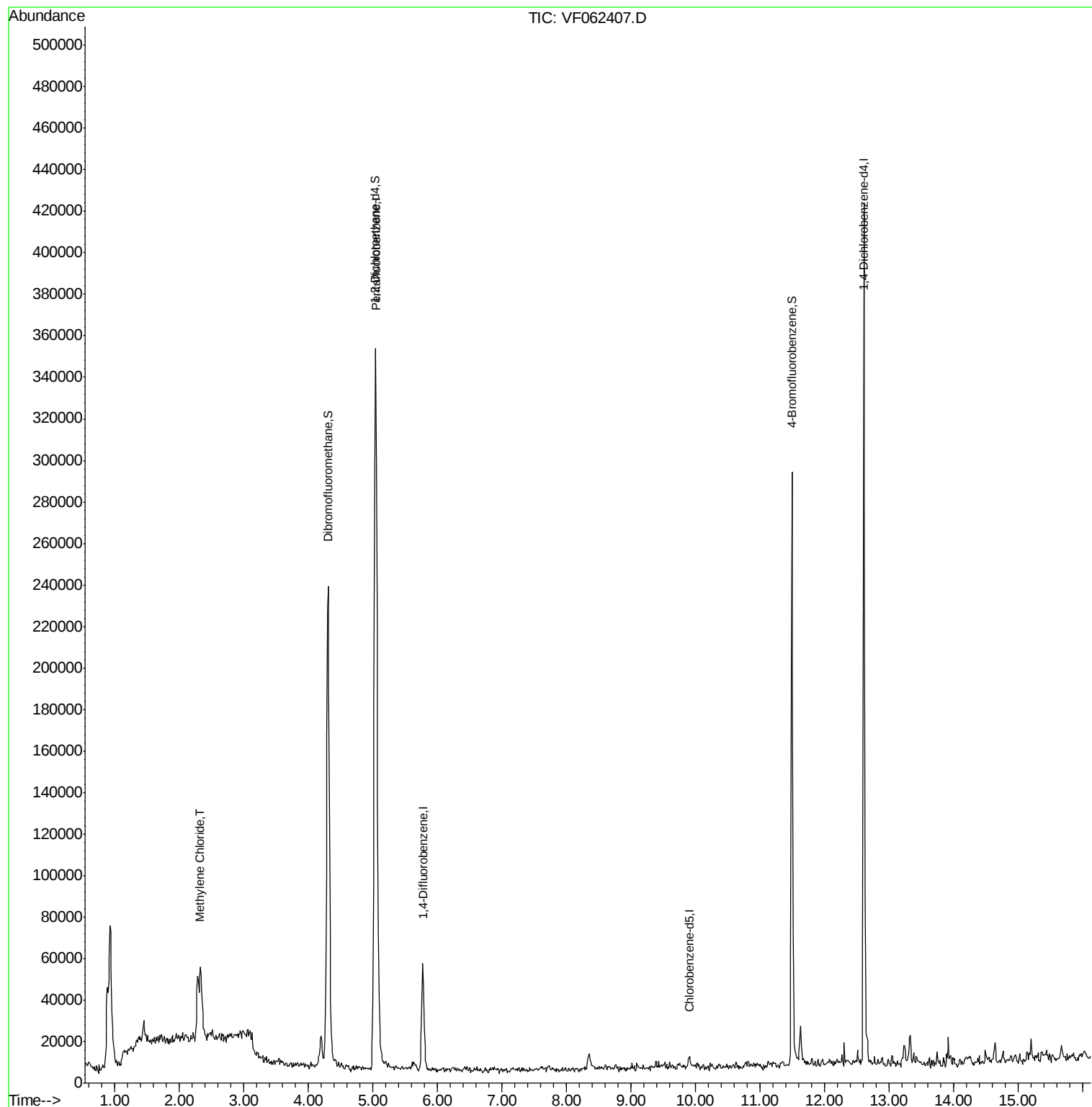
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050919\
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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.00 min

Lab File: VF062407.D

Acq: 9 May 2019 20:34

Instrument :

MSVOA_F

ClientSampleId :

OR-03-050719-B

Tot Ion:168 Resp: 254134

Ion Ratio Lower Upper

168 100

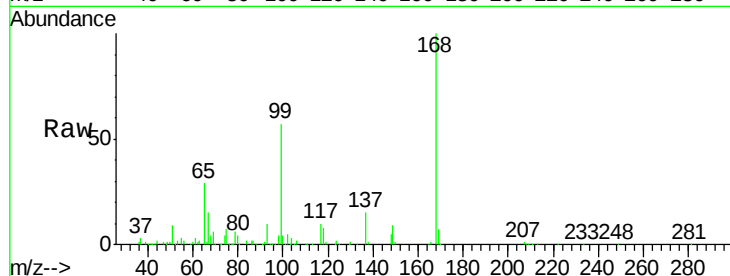
99 56.7 45.9 68.9

Manual Integrations

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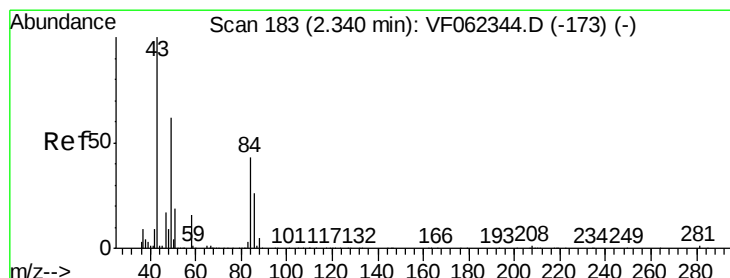
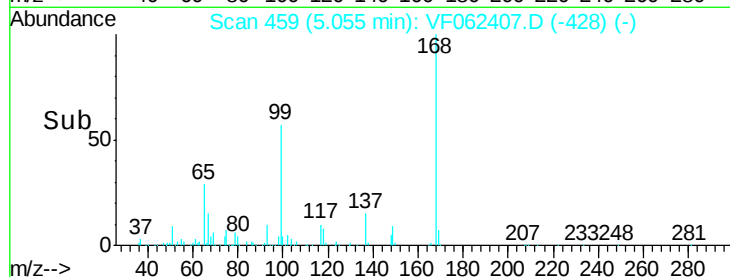
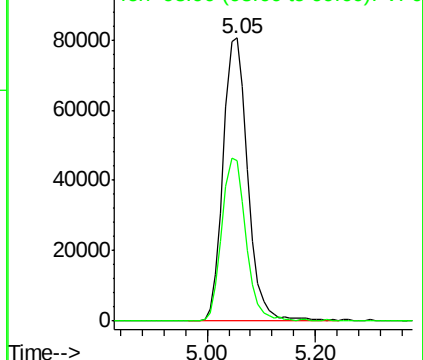
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#20

Methylene Chloride

Concen: 18.141 ug/l m

RT: 2.32 min Scan# 182

Delta R.T. -0.02 min

Lab File: VF062407.D

Acq: 9 May 2019 20:34

Tgt Ion: 84 Resp: 31887

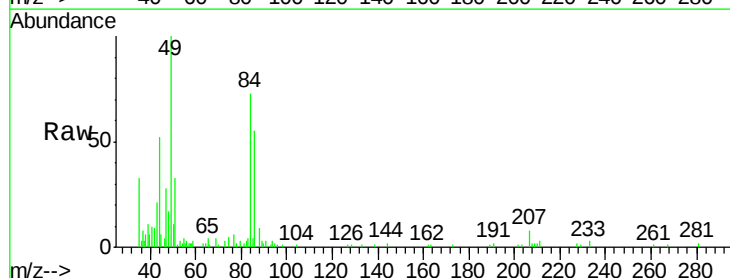
Ion Ratio Lower Upper

84 100

49 136.7 117.5 176.3

51 45.4 37.0 55.4

86 75.1 49.3 73.9#

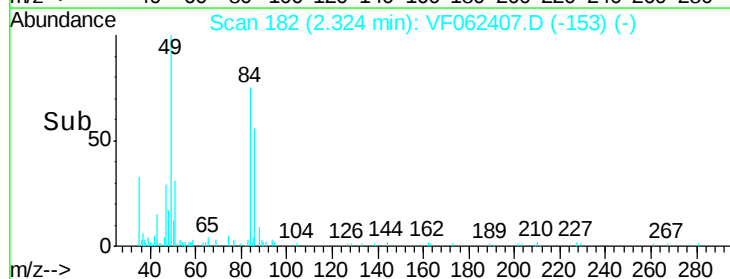
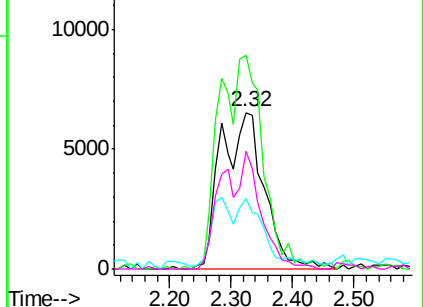


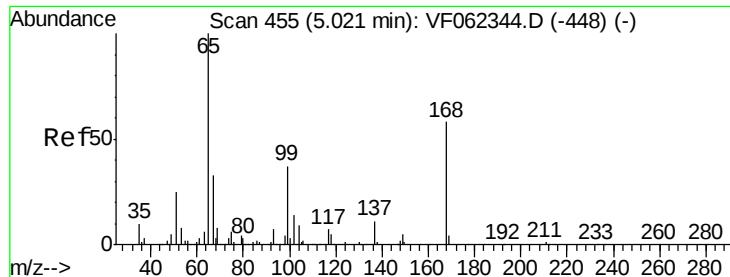
Abundance Ion 83.90 (83.60 to 84.60): VF0

Ion 48.90 (48.60 to 49.60): VF0

Ion 50.90 (50.60 to 51.60): VF0

Ion 85.90 (85.60 to 86.60): VF0





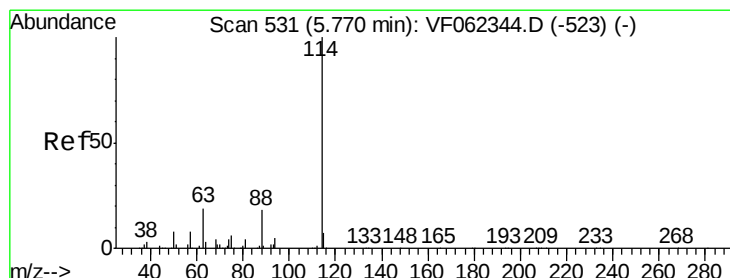
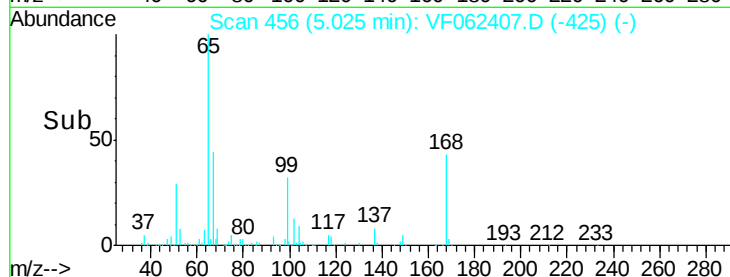
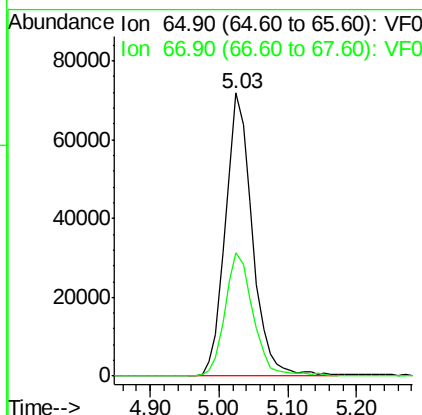
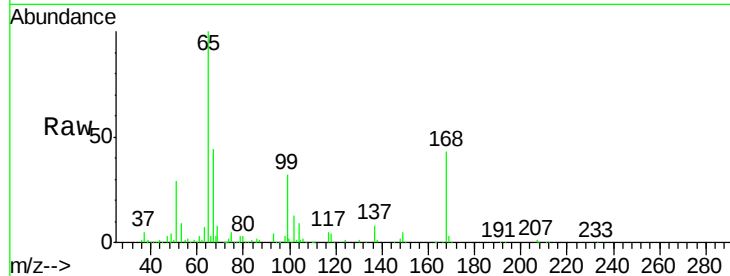
#33
 1,2-Dichloroethane-d4
 Concen: 81.393 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: VF062407.D
 Acq: 9 May 2019 20:34

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-050719-B

Tot Ion	Ratio	Resp	Lower	Upper
65	100	195480		
67	45.5	0.0	85.8	

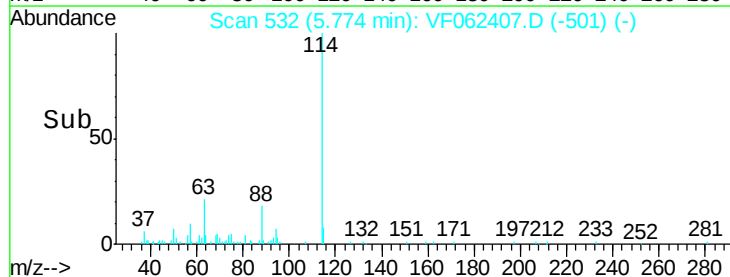
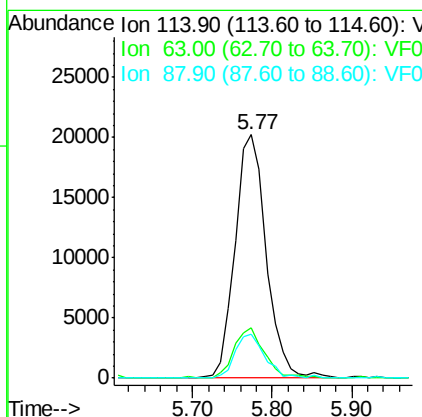
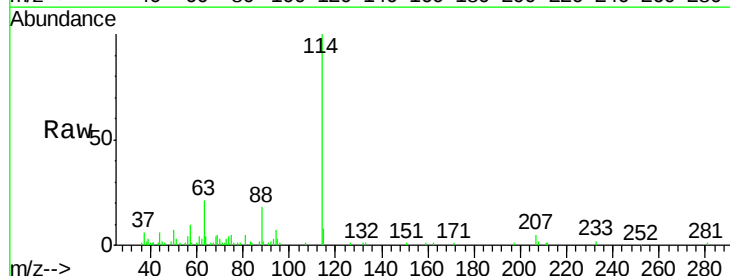
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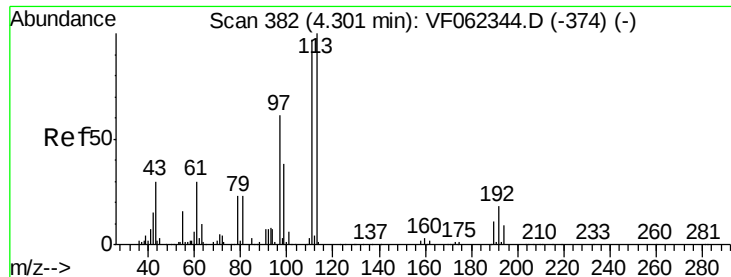
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VF062407.D
 Acq: 9 May 2019 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	55121		
63	20.6	0.0	37.4	
88	18.2	0.0	36.4	





#35

Dibromofluoromethane

Concen: 473.369 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.00 min

Lab File: VF062407.D

Acq: 9 May 2019 20:34

Instrument :

MSVOA_F

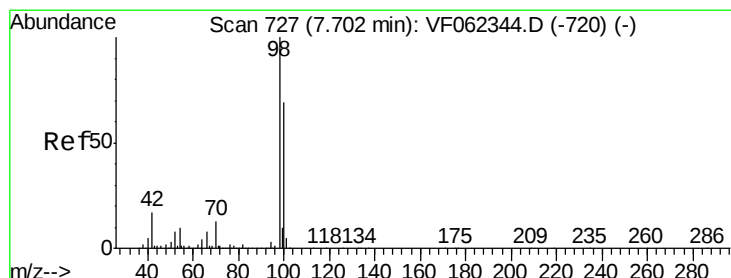
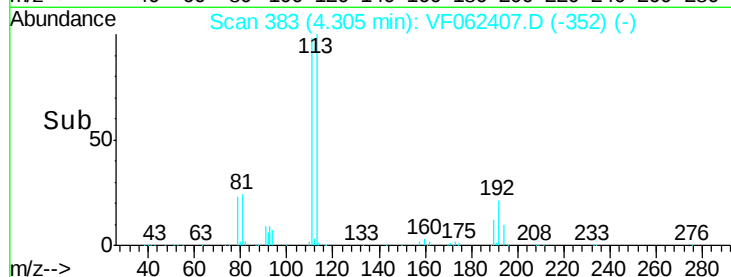
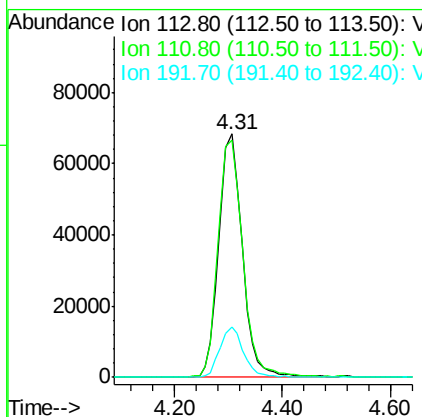
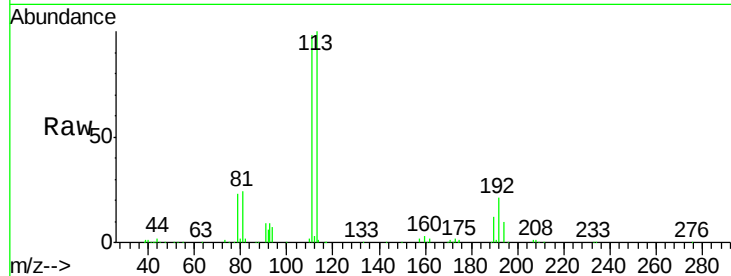
ClientSampleId :

OR-03-050719-B

Tot Ion:	113	Resp:	207875
Ion Ratio	Lower	Upper	
113	100		
111	102.0	79.4	119.0
192	20.8	16.0	24.0

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#50

Toluene-d8

Concen: 0.738 ug/l

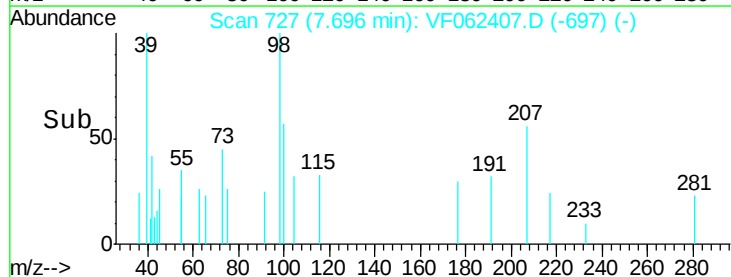
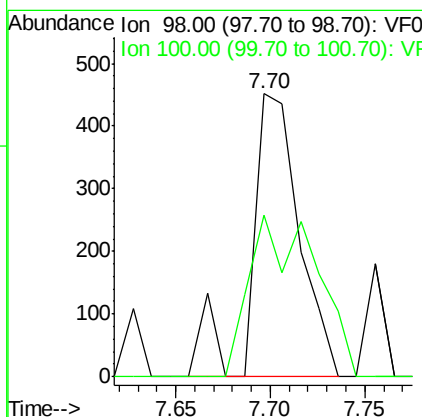
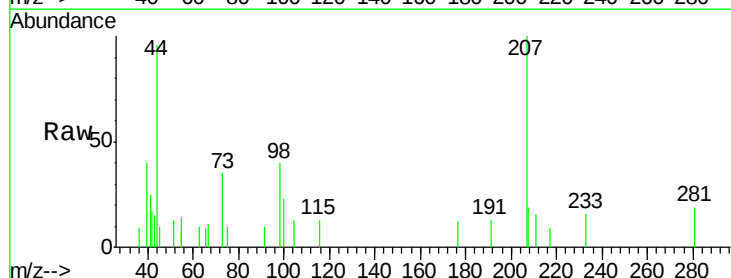
RT: 7.70 min Scan# 727

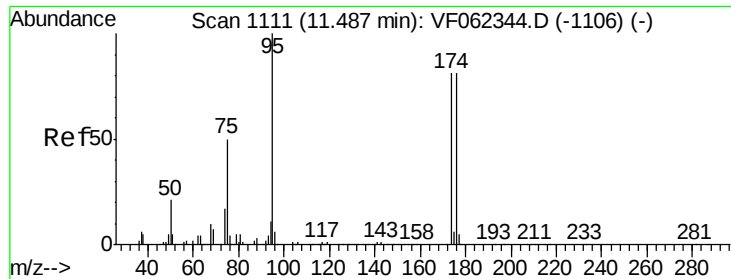
Delta R.T. -0.01 min

Lab File: VF062407.D

Acq: 9 May 2019 20:34

Tgt Ion:	98	Resp:	785
Ion Ratio	Lower	Upper	
98	100		
100	80.5	53.3	79.9#





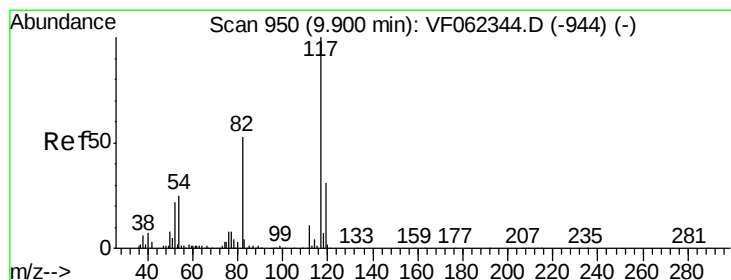
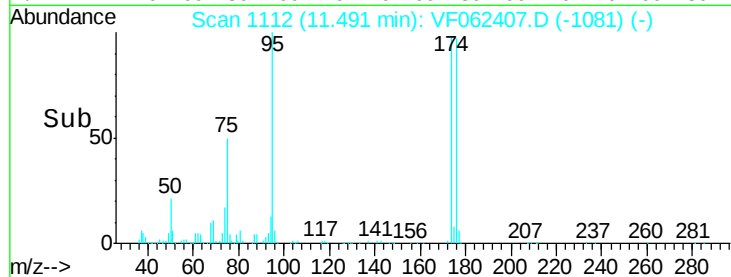
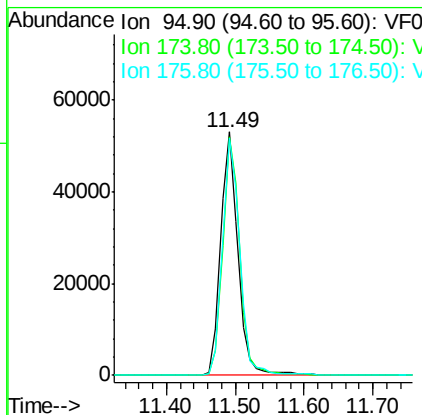
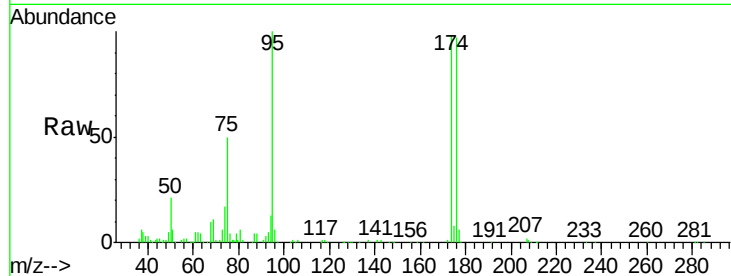
#62
4-Bromofluorobenzene
Concen: 193.028 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VF062407.D
Acq: 9 May 2019 20:34

Instrument :
MSVOA_F
ClientSampleId :
OR-03-050719-B

Tot Ion	Ratio	Resp	Lower	Upper
95	100	92574		
174	97.0	0.0	191.8	
176	98.2	0.0	193.2	

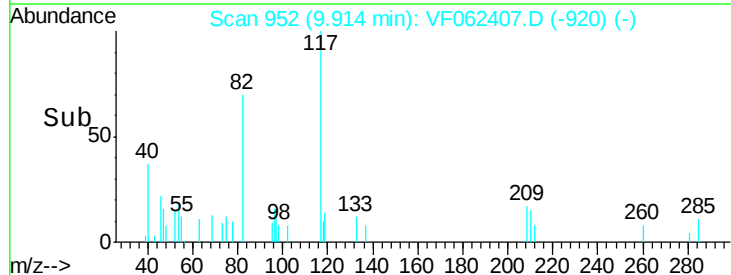
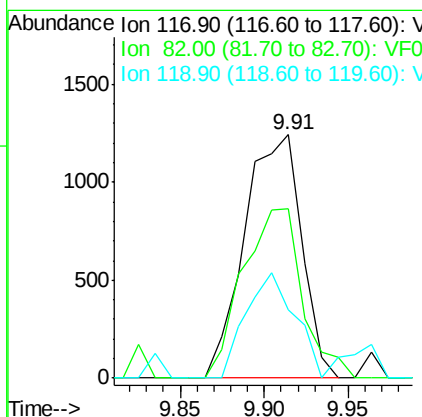
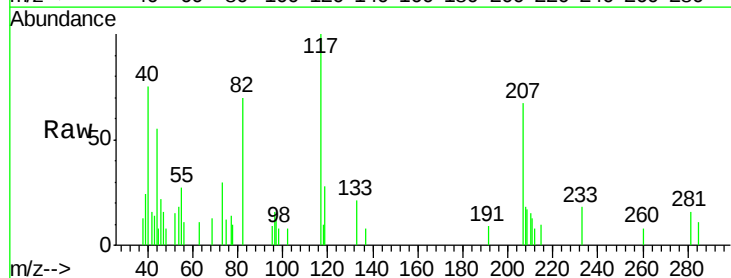
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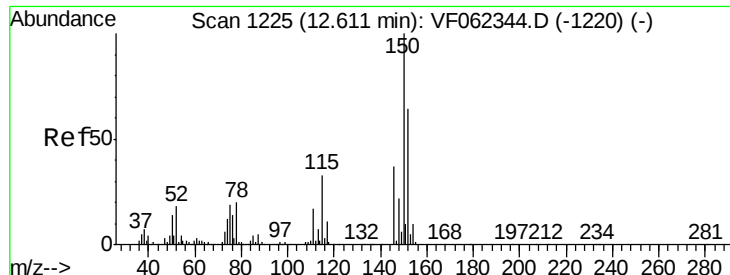
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062407.D
Acq: 9 May 2019 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	2912		
82	69.7	42.2	63.2#	
119	27.9	25.0	37.4	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062407.D

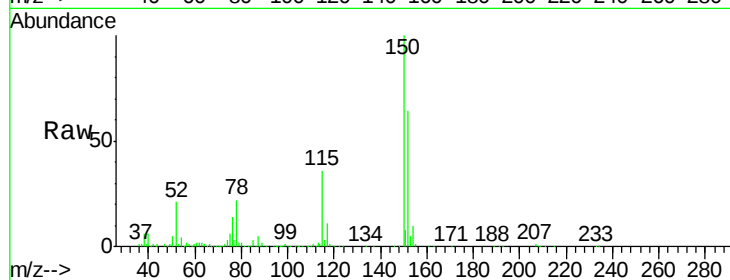
Acq: 9 May 2019 20:34

Instrument :

MSVOA_F

ClientSampleId :

OR-03-050719-B



Tot Ion	Ratio	Resp	Lower	Upper
152	100			
115	56.1	26.4	79.2	
150	158.4	0.0	335.0	

Manual Integrations
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