

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052219\
 Data File : VF062701.D
 Acq On : 22 May 2019 13:07
 Operator : FY/SY
 Sample : K2962-11RE
 Misc : 3.93g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 DB-4-4FTRE

Manual Integrations
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 5/23/2019 12:16:37 PM

Quant Time: May 23 01:53:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	741798	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	1241524	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	891193	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.60	152	417115	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	164798	31.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.88%	
35) Dibromofluoromethane	4.30	113	309341	32.56	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	65.12%	
50) Toluene-d8	7.70	98	635532	28.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	56.04%	
62) 4-Bromofluorobenzene	11.49	95	230237	26.76	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	53.52%	
Target Compounds						
16) Acetone	2.35	43	33187	24.404	ug/l	91
20) Methylene Chloride	2.33	84	44490m	6.527	ug/l	
52) Toluene	7.77	92	43194	2.376	ug/l	99
95) Naphthalene	14.48	128	20287	1.302	ug/l	97

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

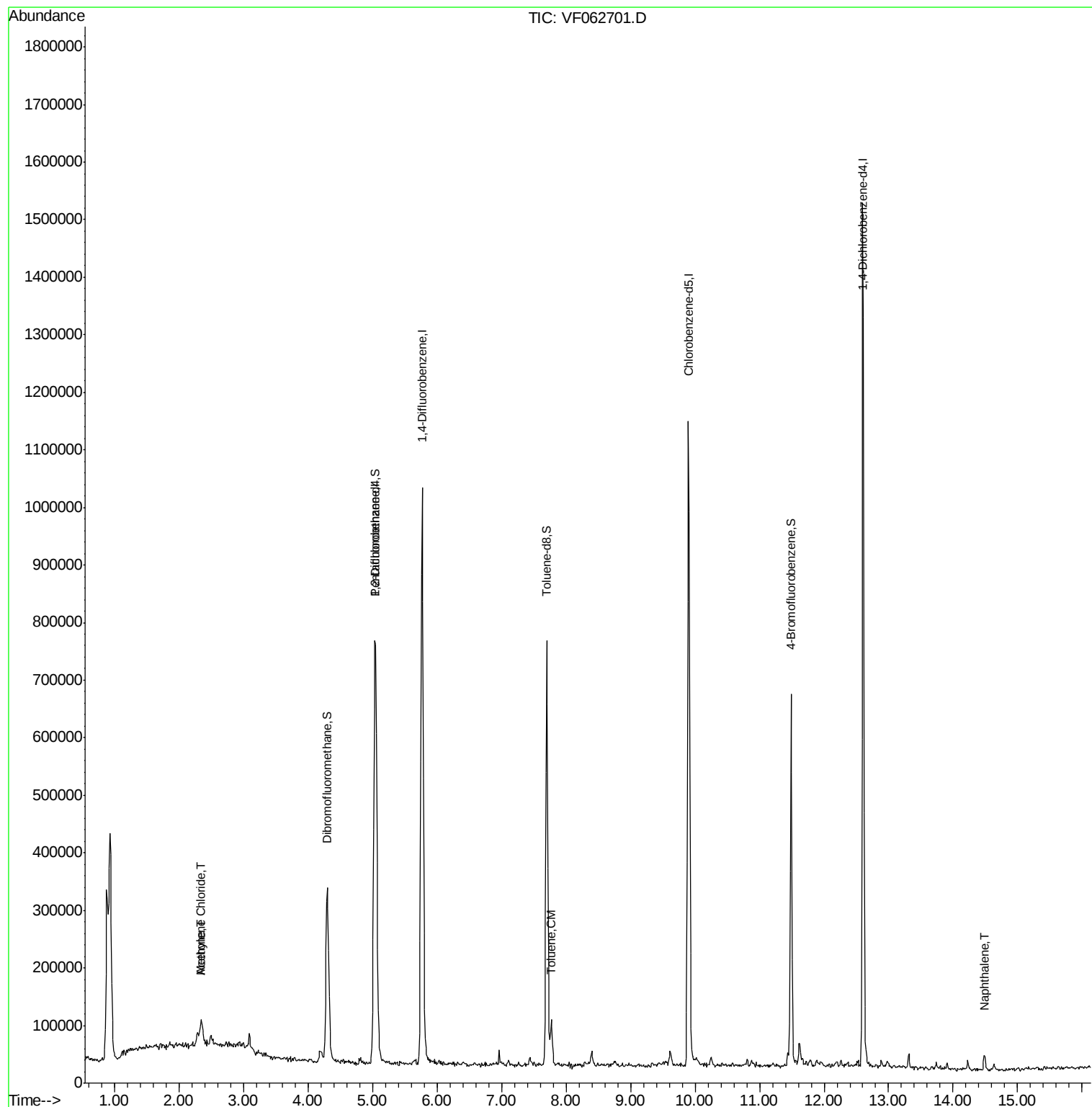
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052219\
Data File : VF062701.D
Acq On : 22 May 2019 13:07
Operator : FY/SY
Sample : K2962-11RE
Misc : 3.93g/5mL/MSVOA F/SOIL
ALS Vial : 7 Sample Multiplier: 1

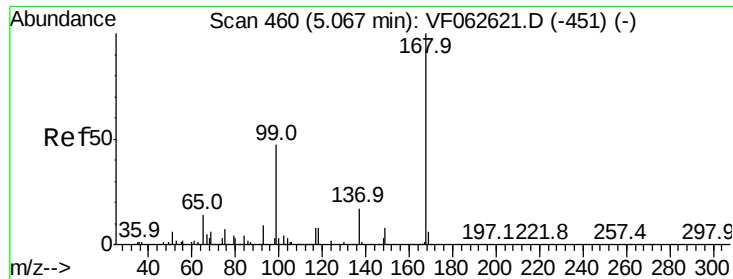
Instrument :
MSVOA_F
ClientSampleId :
DB-4-4FTRE

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Response via : Initial Calibration





#1

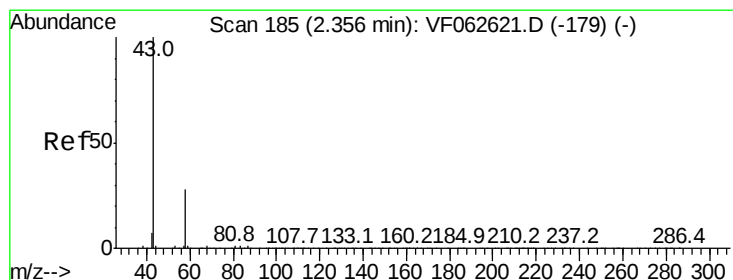
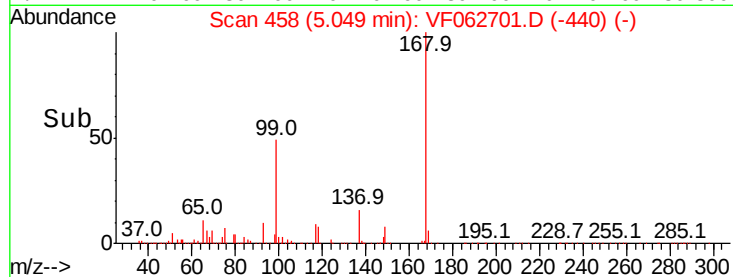
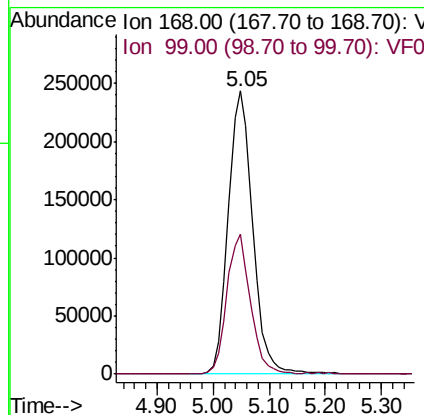
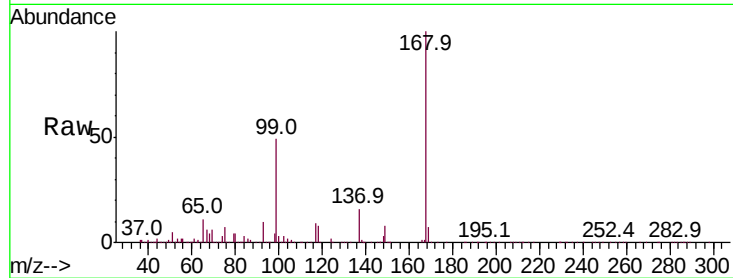
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Instrument :
MSVOA_F
ClientSampled :
DB-4-4FTRE

Tot Ion	Ratio	Resp	Lower	Upper
168	100	741798		
99	49.4	37.8	56.8	

Manual Integrations
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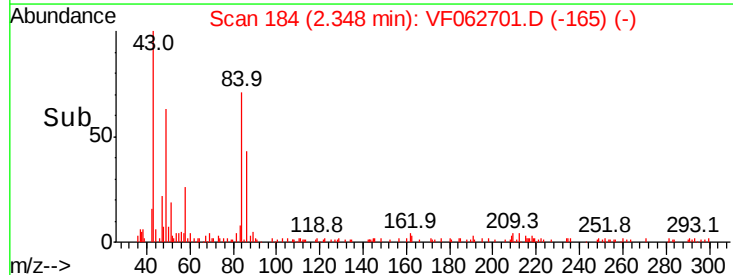
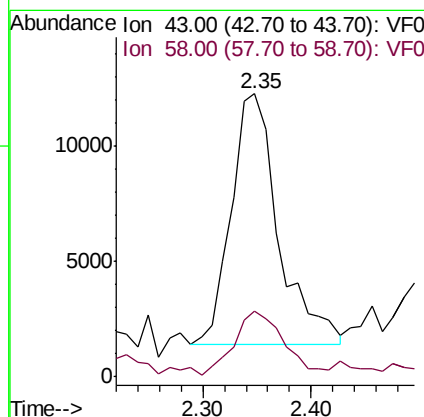
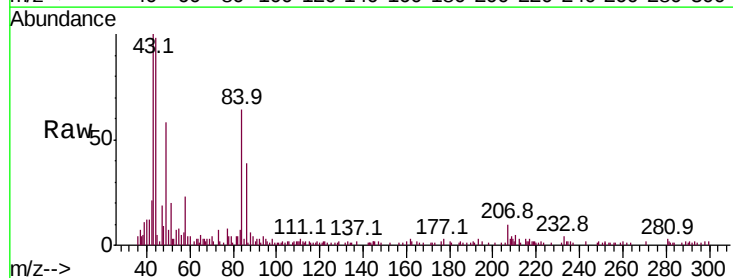
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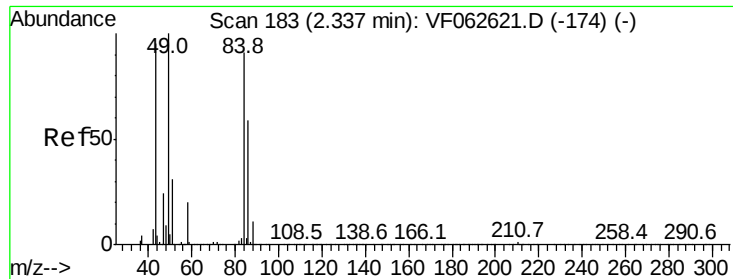


#16

Acetone
Concen: 24.404 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	33187		
58	23.3	22.6	33.8	





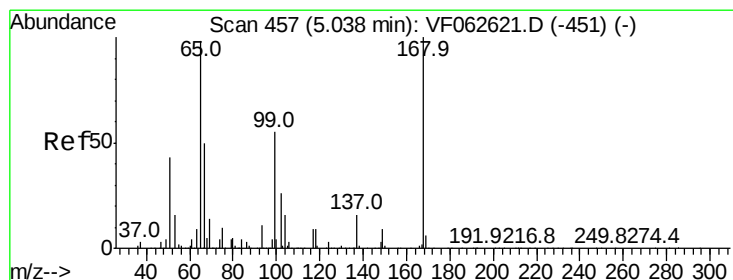
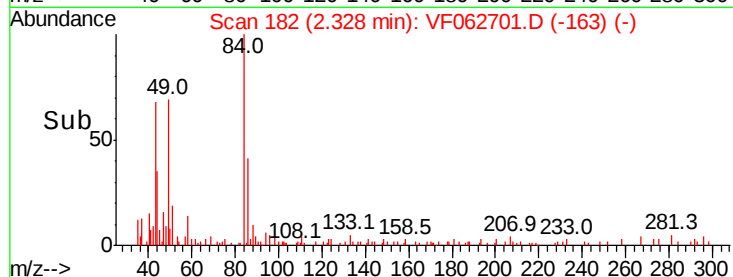
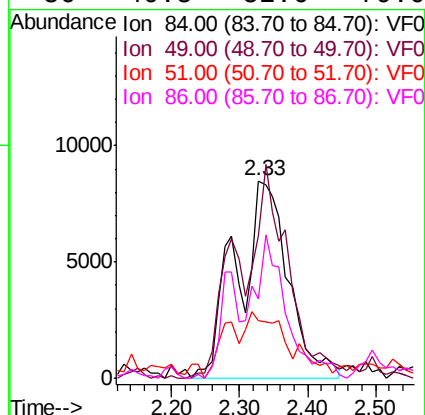
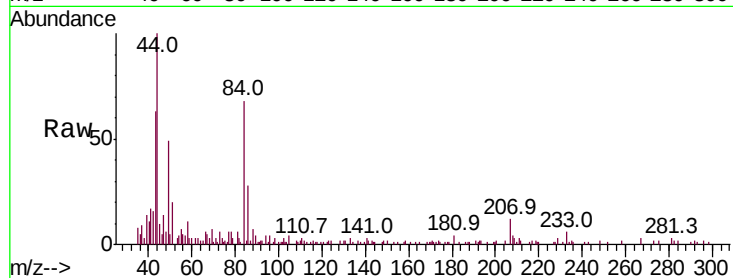
#20
Methvlene Chloride
Concen: 6.527 ug/l m
RT: 2.33 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Instrument :
MSVOA_F
ClientSampled :
DB-4-4FTRE

Tot Ion:	84	Resp:	44490
Ion	Ratio	Lower	Upper
84	100		
49	72.3	89.8	134.8#
51	29.3	28.4	42.6
86	40.5	52.6	79.0#

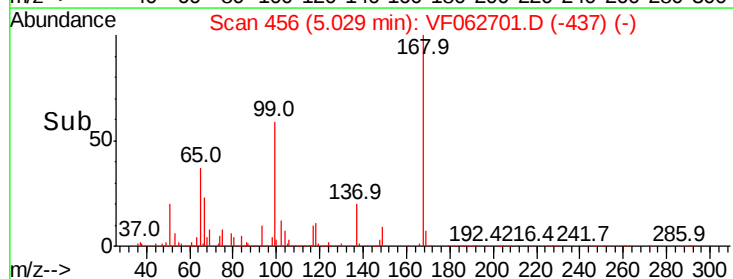
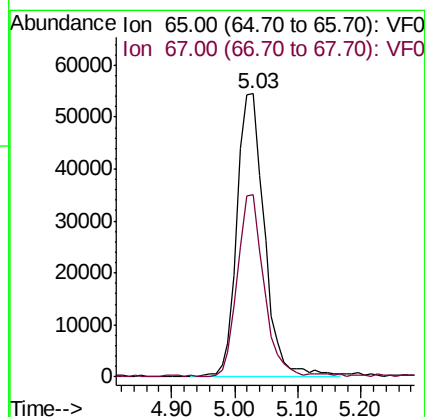
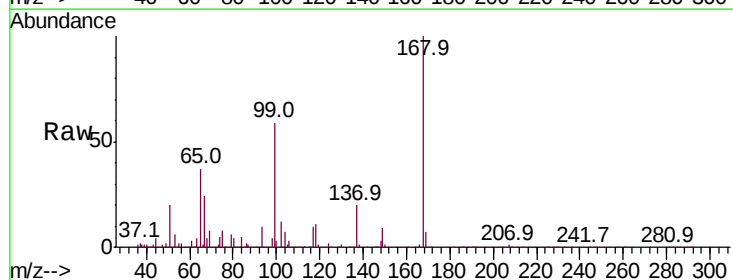
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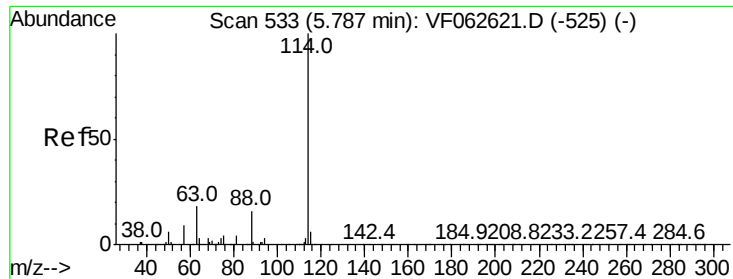
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#33
1,2-Dichloroethane-d4
Concen: 31.439 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.01 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Tgt Ion:	65	Resp:	164798
Ion	Ratio	Lower	Upper
65	100		
67	64.3	0.0	117.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.02 min

Lab File: VF062701.D

Acq: 22 May 2019 13:07

Instrument :

MSVOA_F

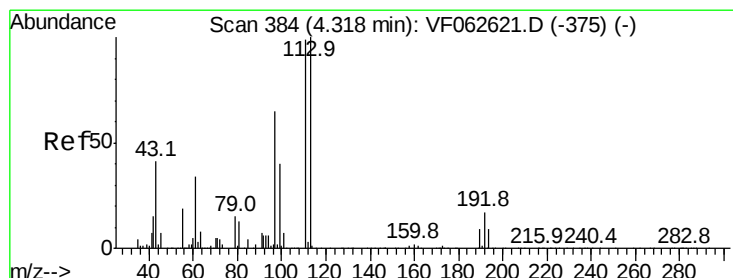
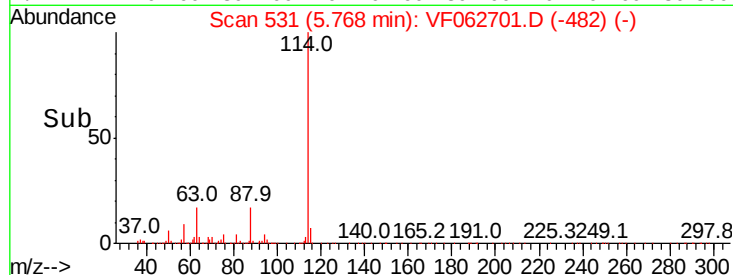
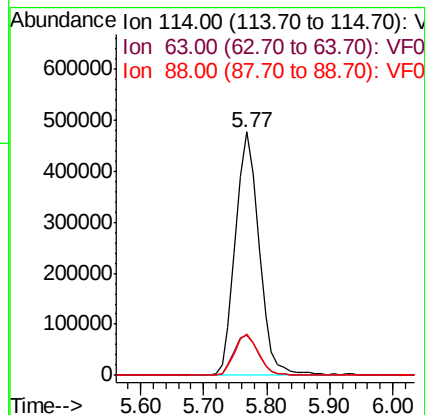
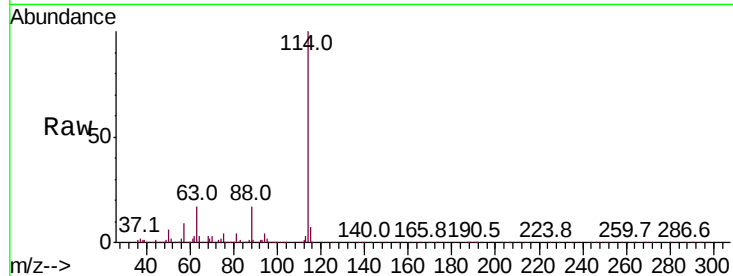
ClientSampleId :

DB-4-FTRE

Tot Ion:	114	Resp:	1241524
Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	35.4
88	17.0	0.0	32.4

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#35

Dibromofluoromethane

Concen: 32.562 ug/l

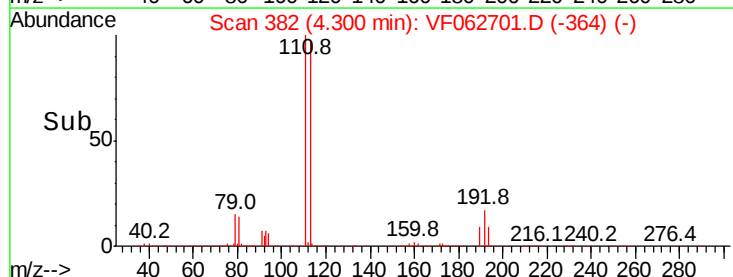
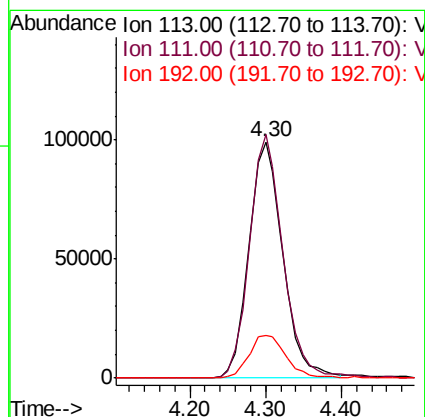
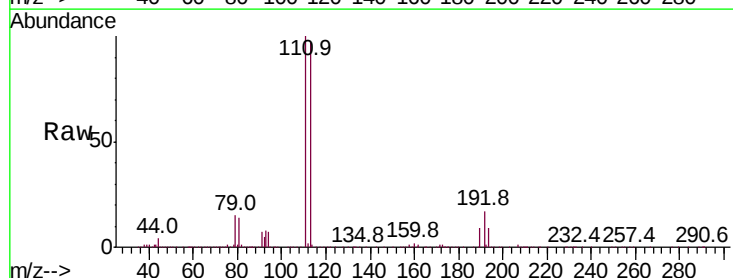
RT: 4.30 min Scan# 382

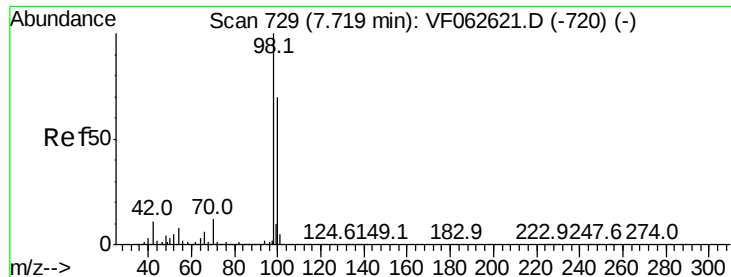
Delta R.T. -0.02 min

Lab File: VF062701.D

Acq: 22 May 2019 13:07

Tgt Ion:	113	Resp:	309341
Ion	Ratio	Lower	Upper
113	100		
111	102.1	79.4	119.2
192	17.9	13.4	20.2





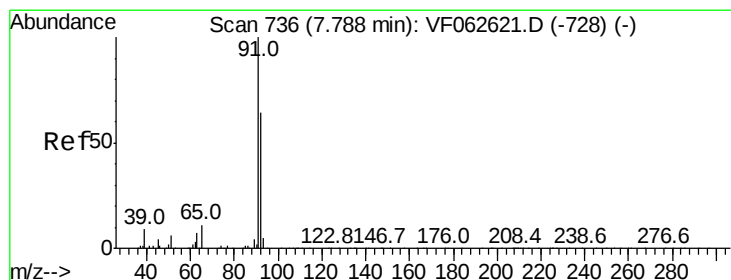
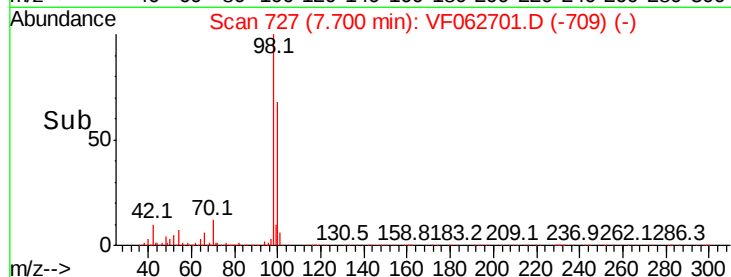
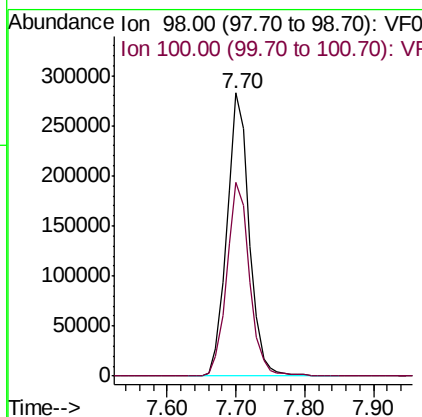
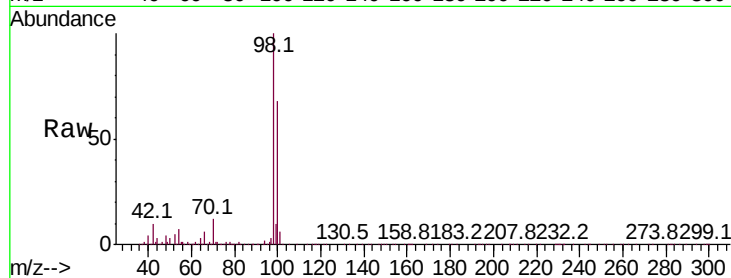
#50
Toluene-d8
Concen: 28.018 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Instrument :
MSVOA_F
ClientSampleId :
DB-4-4FTRE

Tot Ion	Ratio	Lower	Upper
98	100		
100	68.4	56.2	84.2

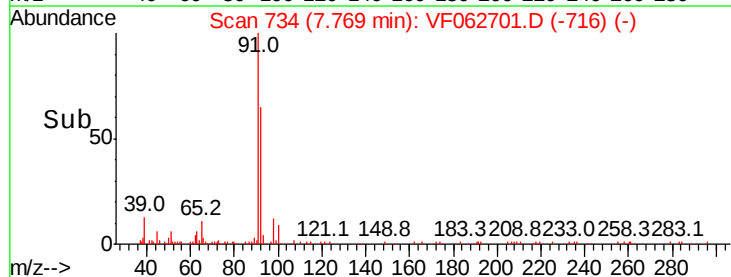
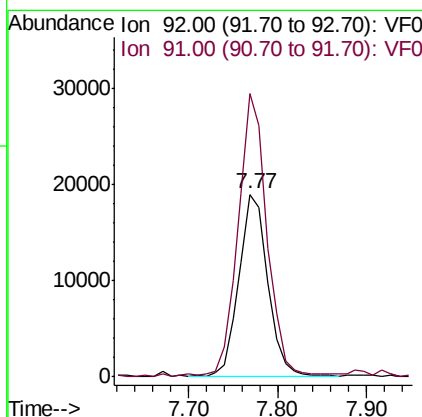
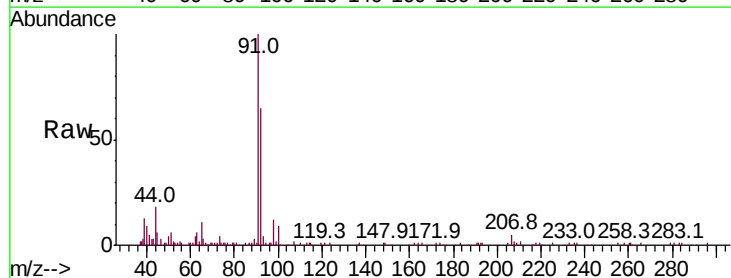
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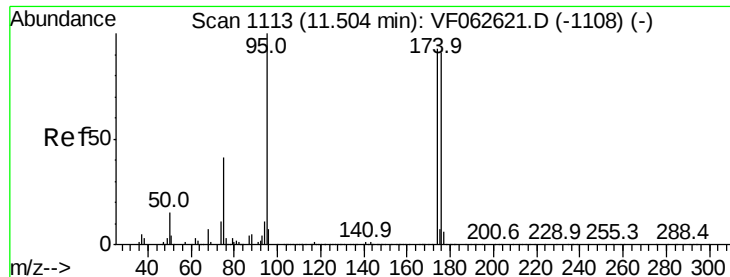
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#52
Toluene
Concen: 2.376 ug/l
RT: 7.77 min Scan# 734
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Tgt Ion	Ratio	Lower	Upper
92	100		
91	154.9	125.4	188.0





#62

4-Bromofluorobenzene

Concen: 26.763 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF062701.D

Acq: 22 May 2019 13:07

Instrument :

MSVOA_F

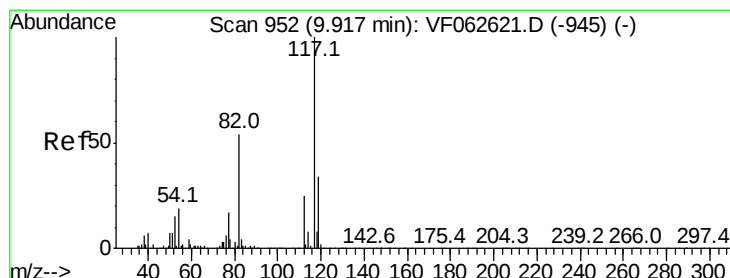
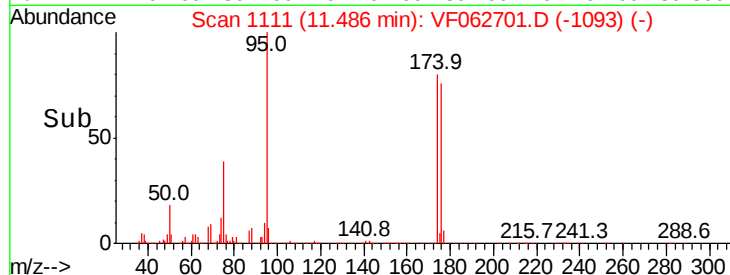
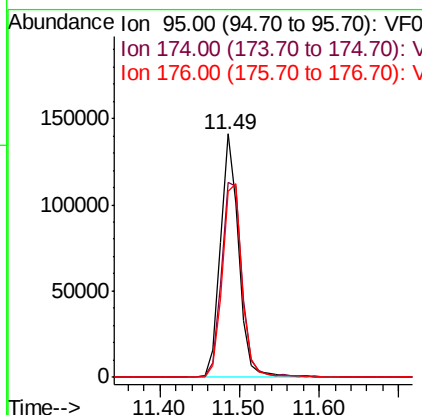
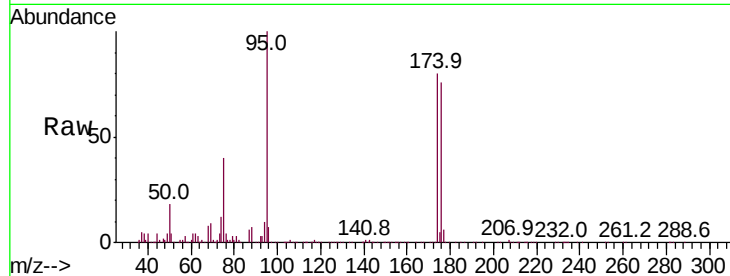
ClientSampleId :

DB-4-4FTRE

Tot Ion:	95	Resp:	230237
Ion Ratio	Lower	Upper	
95	100		
174	80.2	0.0	185.6
176	76.3	0.0	182.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

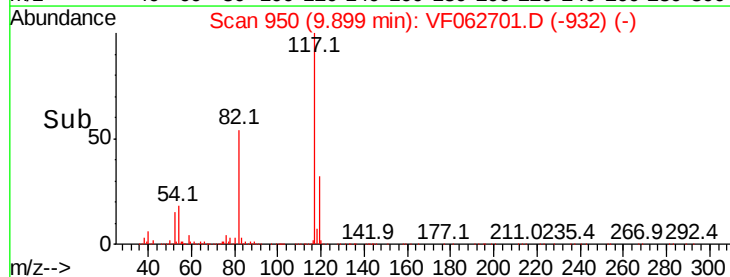
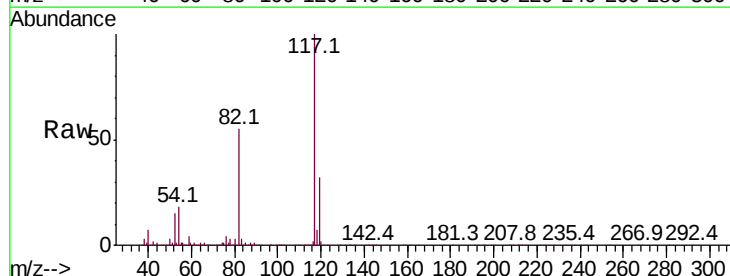
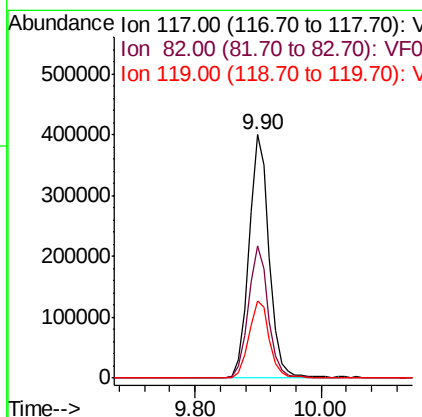
RT: 9.90 min Scan# 950

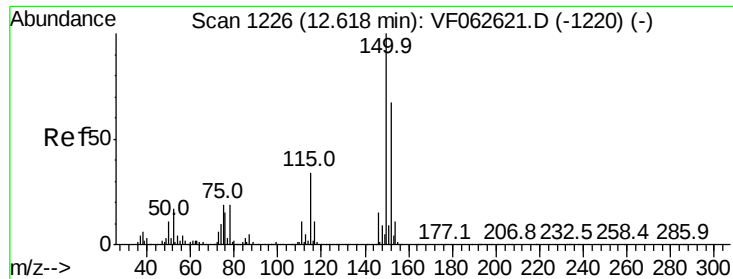
Delta R.T. -0.02 min

Lab File: VF062701.D

Acq: 22 May 2019 13:07

Tgt Ion:	117	Resp:	891193
Ion Ratio	Lower	Upper	
117	100		
82	54.5	43.3	64.9
119	31.7	27.4	41.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.60 min Scan# 1224

Delta R.T. -0.02 min

Lab File: VF062701.D

Acq: 22 May 2019 13:07

Instrument :

MSVOA_F

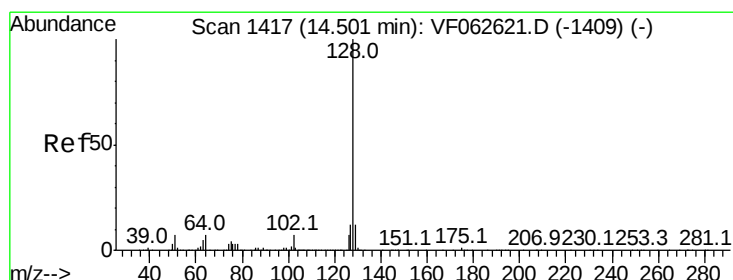
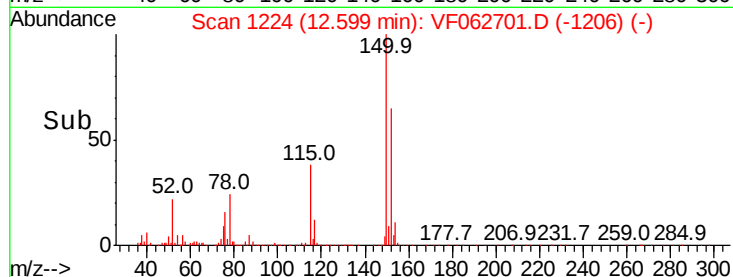
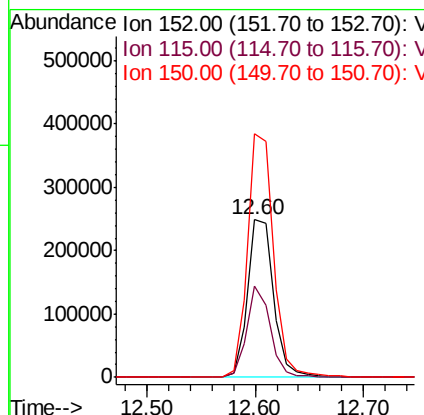
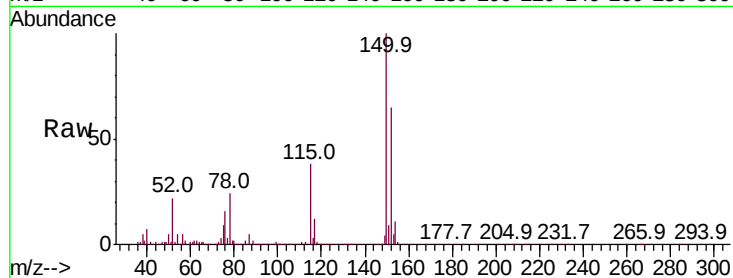
ClientSampleId :

DB-4-4FTRE

Tot Ion:	152	Resp:	417115
Ion Ratio	Lower	Upper	
152	100		
115	58.1	25.2	75.6
150	154.3	0.0	306.2

Manual Integrations
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#95

Naphthalene

Concen: 1.302 ug/l

RT: 14.48 min Scan# 1415

Delta R.T. -0.02 min

Lab File: VF062701.D

Acq: 22 May 2019 13:07

Tgt Ion:	128	Resp:	20287
Ion Ratio	Lower	Upper	
128	100		
127	12.8	9.7	14.5
129	13.4	9.3	13.9

