

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050919\
 Data File : VF062405.D
 Acq On : 9 May 2019 19:38
 Operator : FY/SY
 Sample : K2641-09
 Misc : 6.52g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-050719-E

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 11:17:27 AM

Quant Time: May 10 03:45:54 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	5.04	168	292646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	387095	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	186965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	168808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	217042	78.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	156.96%	
35) Dibromofluoromethane	4.29	113	233532	75.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.46%	
50) Toluene-d8	7.71	98	162269	21.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.48%	
62) 4-Bromofluorobenzene	11.49	95	162662	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
Target Compounds						
16) Acetone	2.34	43	56613	101.191	ug/l	99
20) Methylene Chloride	2.31	84	20018m	9.890	ug/l	

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

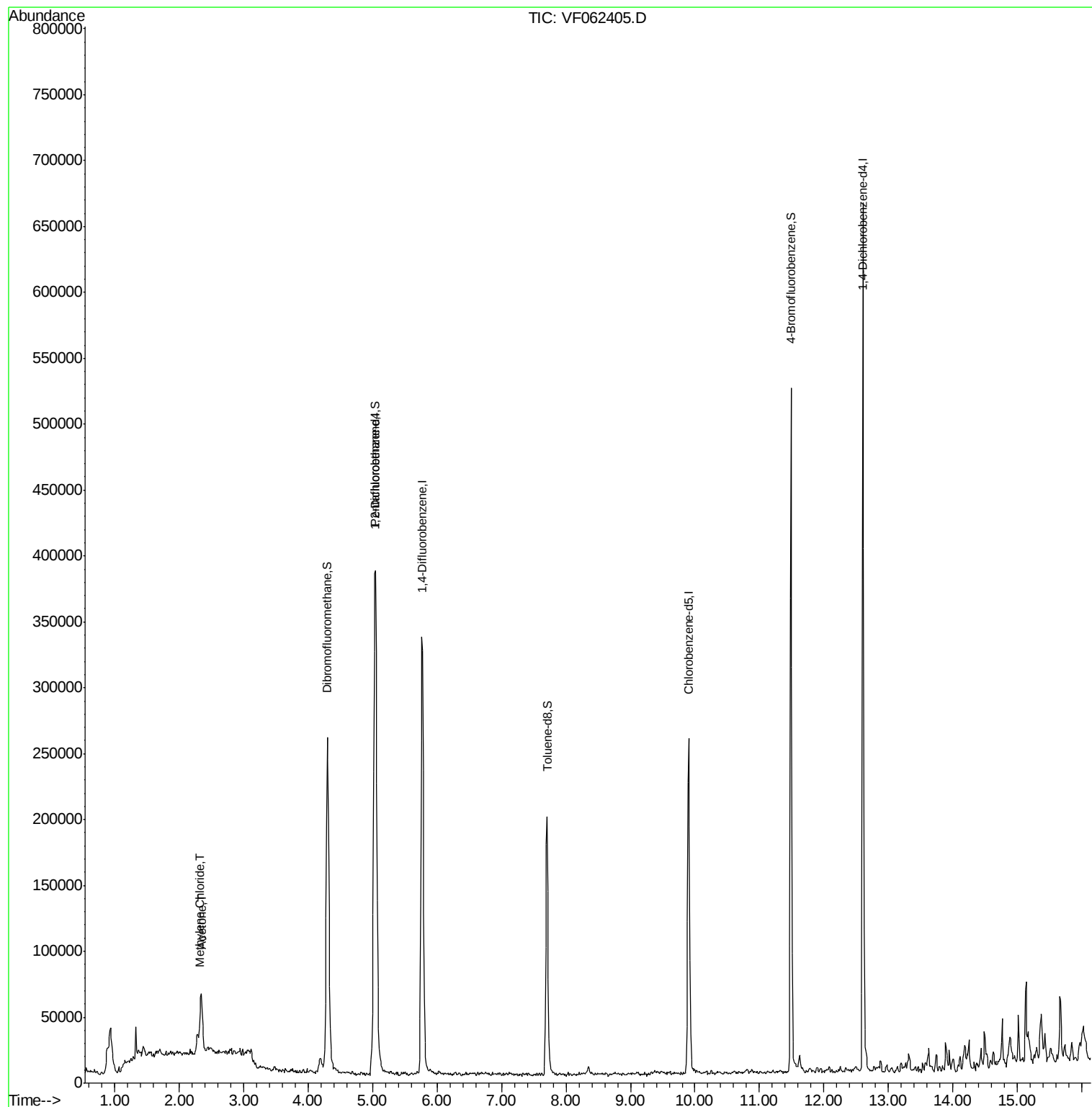
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050919\
Data File : VF062405.D
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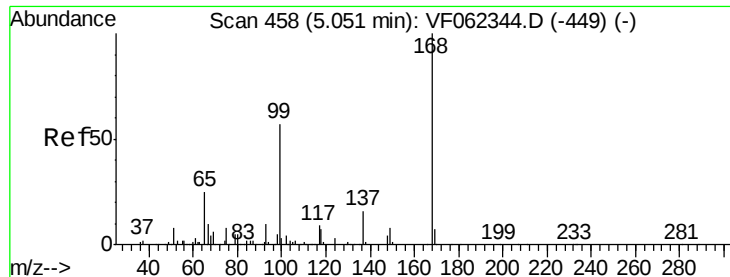
Instrument :
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#1

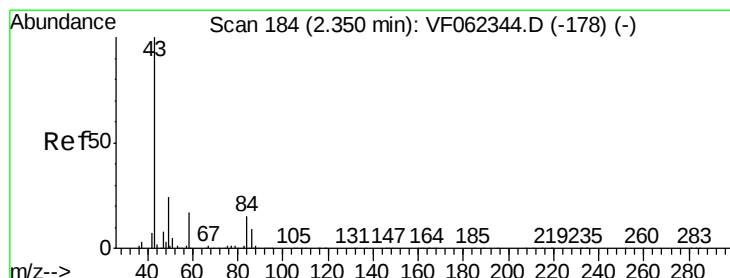
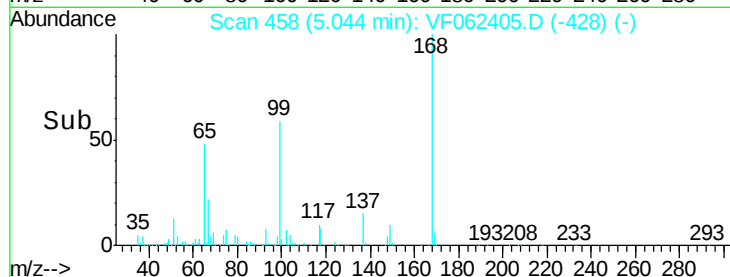
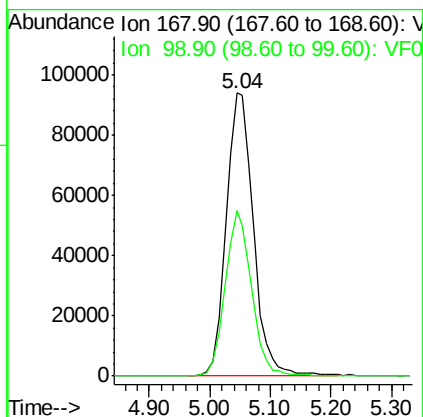
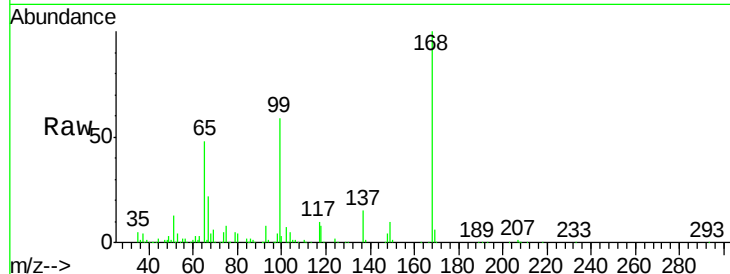
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.04 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VF062405.D
 Acq: 9 May 2019 19:38

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-050719-E

Tot Ion	Ratio	Resp	Lower	Upper
168	100	292646		
99	58.7	45.9	68.9	

Manual Integrations
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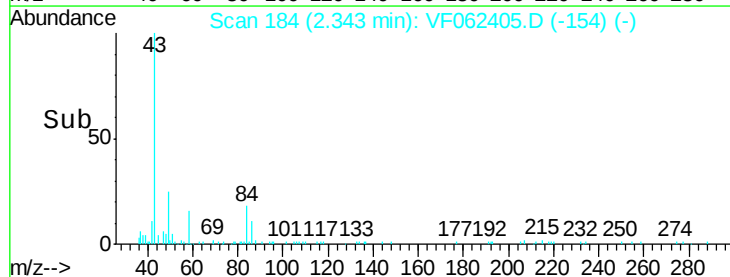
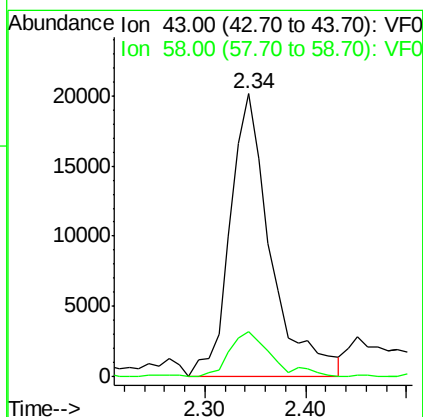
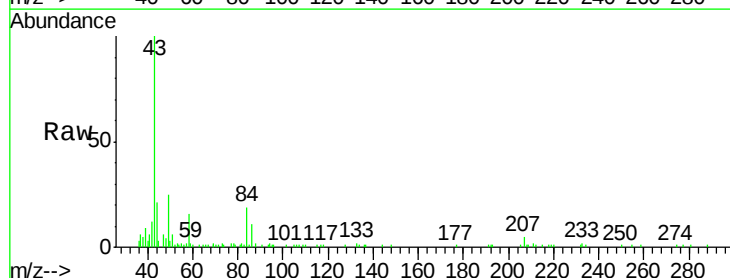
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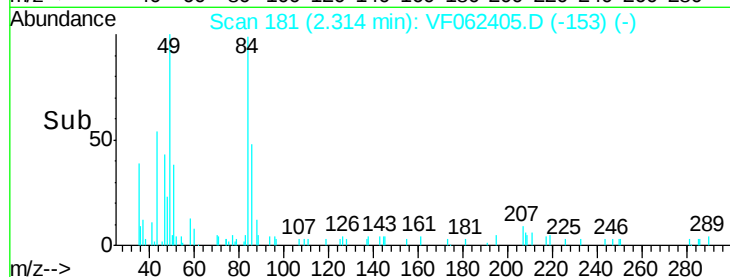
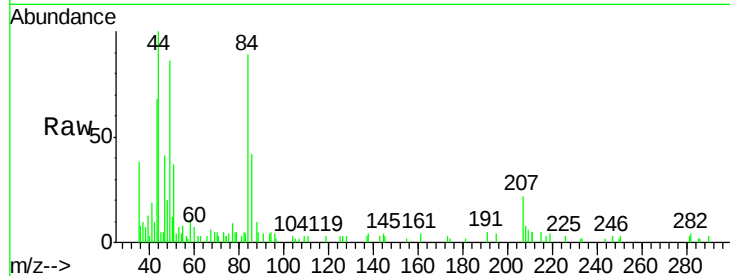
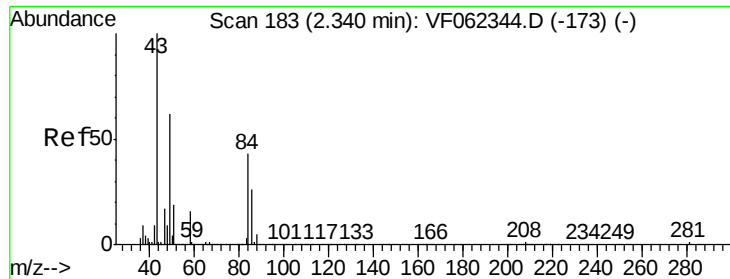


#16

Acetone
 Concen: 101.191 ug/l
 RT: 2.34 min Scan# 184
 Delta R.T. -0.01 min
 Lab File: VF062405.D
 Acq: 9 May 2019 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	56613		
58	15.8	13.1	19.7	





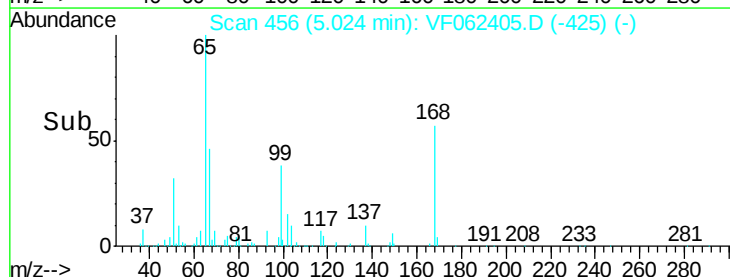
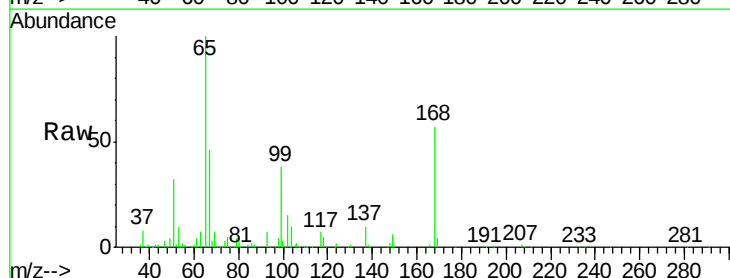
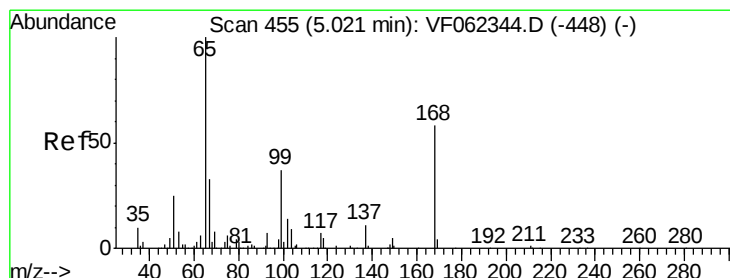
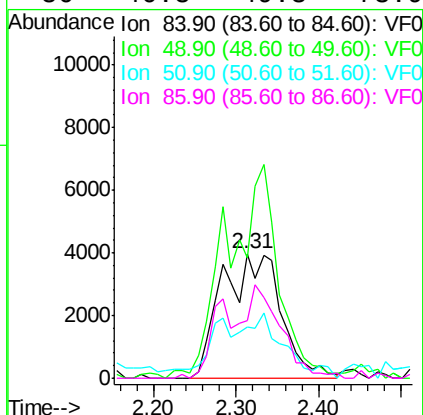
#20
Methvlene Chloride
Concen: 9.890 ug/l m
RT: 2.31 min Scan# 181
Delta R.T. -0.03 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	96.7	117.5	176.3#	
51	41.0	37.0	55.4	
86	46.8	49.3	73.9#	

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-E

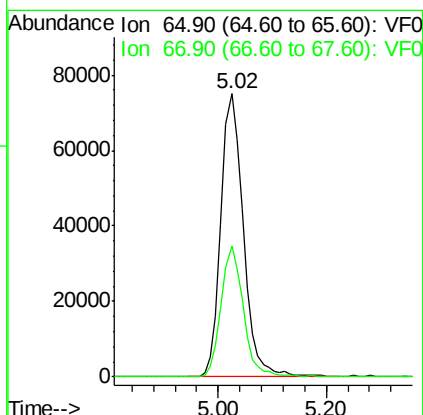
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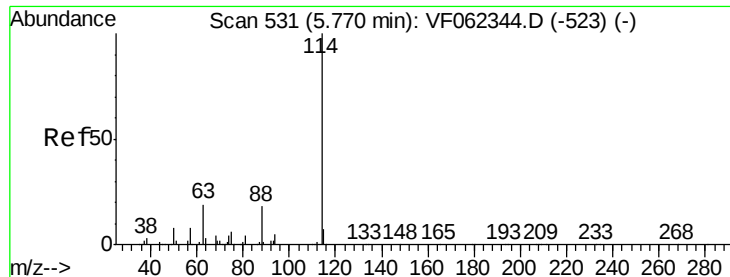
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#33
1,2-Dichloroethane-d4
Concen: 78.478 ug/l
RT: 5.02 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	45.4	0.0	85.8	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF062405.D

Acq: 9 May 2019 19:38

Instrument :

MSVOA_F

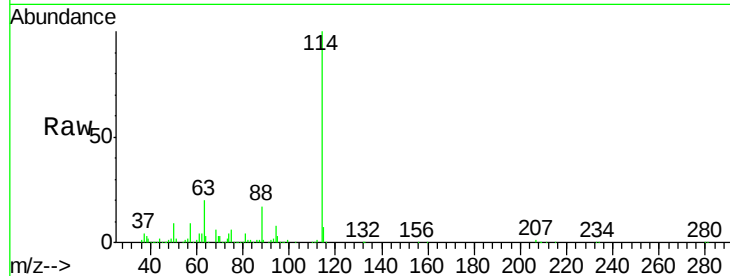
ClientSampleId :

CL-02-050719-E

Tot Ion:	114	Resp:	387095
Ion Ratio		Lower	Upper
114	100		
63	19.8	0.0	37.4
88	17.0	0.0	36.4

Manual Integrations
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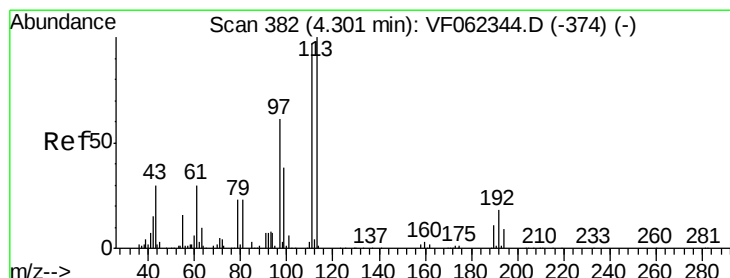
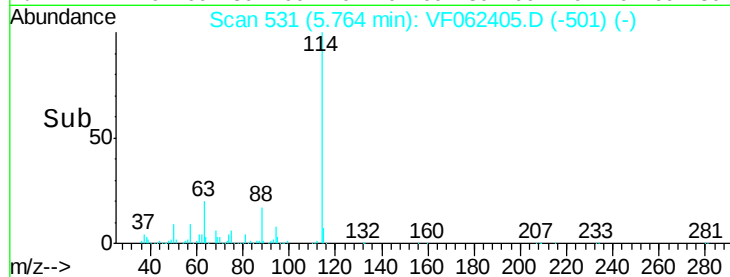
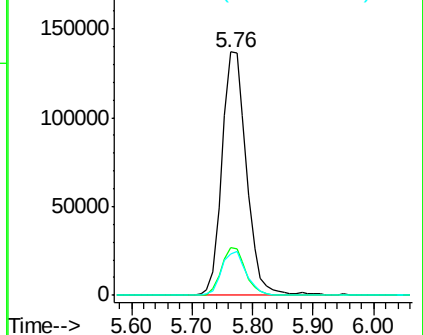
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 75.726 ug/l

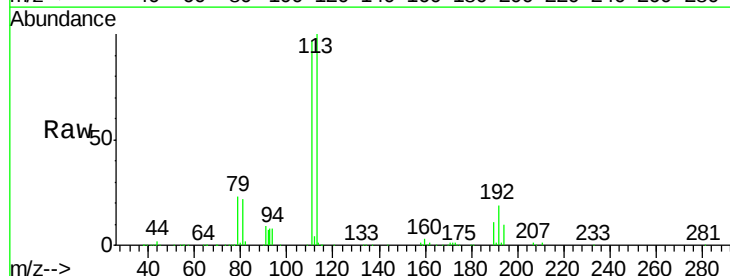
RT: 4.29 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF062405.D

Acq: 9 May 2019 19:38

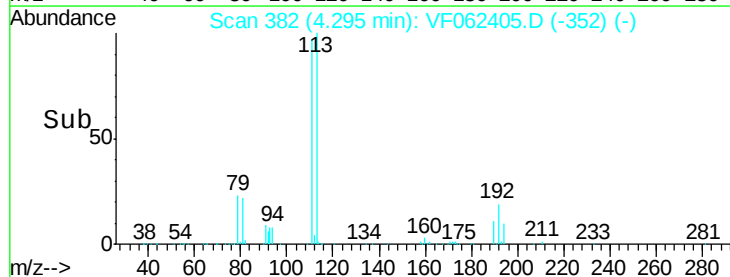
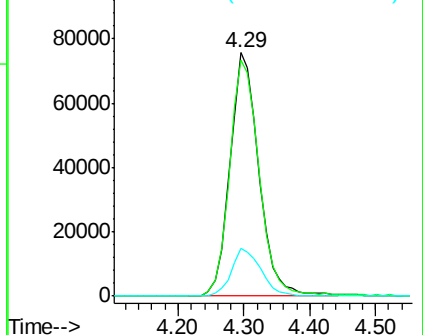
Tgt Ion:	113	Resp:	233532
Ion Ratio		Lower	Upper
113	100		
111	99.5	79.4	119.0
192	20.1	16.0	24.0

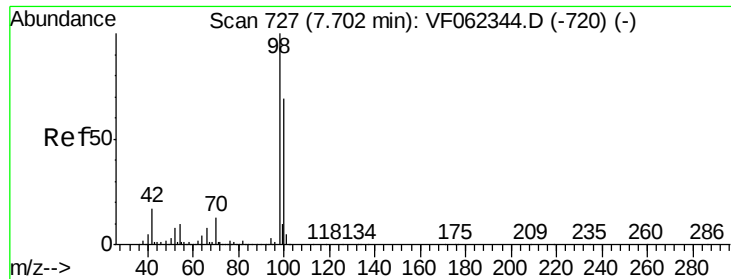


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





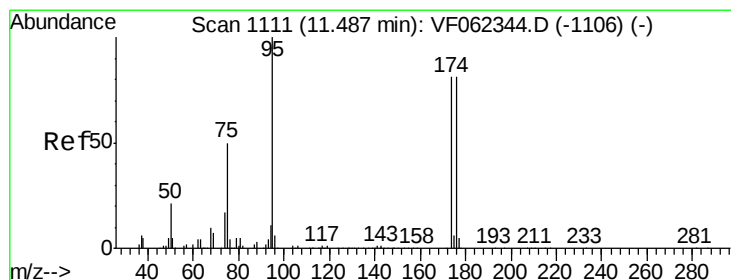
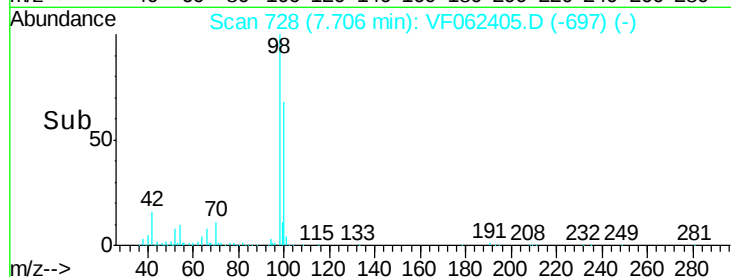
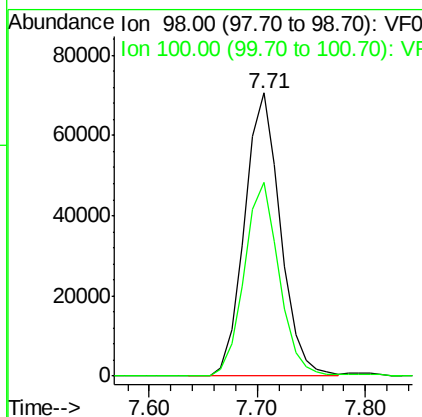
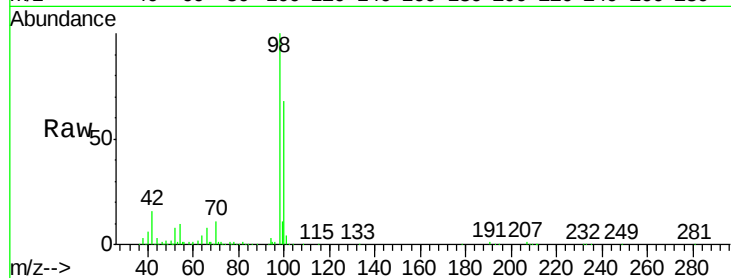
#50
Toluene-d8
Concen: 21.737 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-E

Tot Ion: 98 Resp: 162269
Ion Ratio Lower Upper
98 100
100 67.5 53.3 79.9

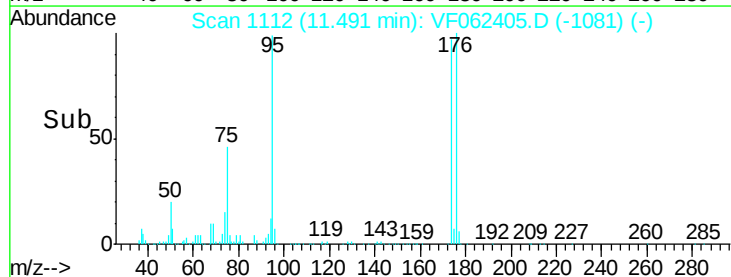
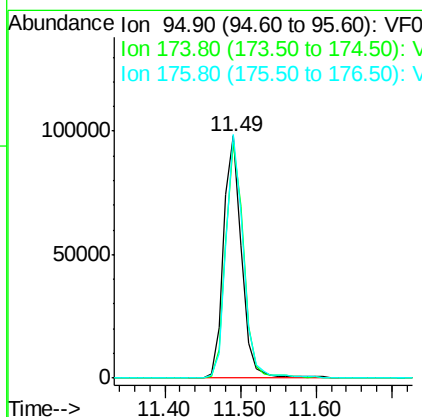
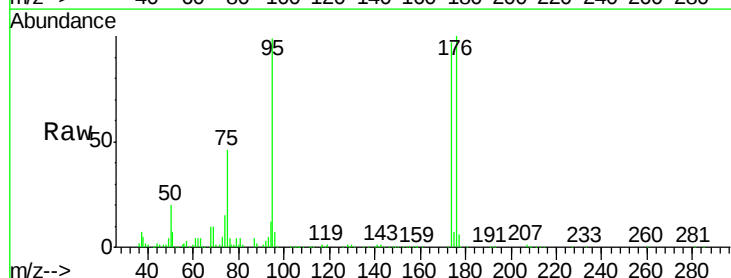
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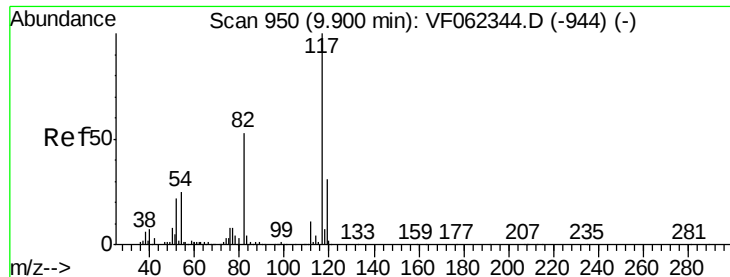
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#62
4-Bromofluorobenzene
Concen: 48.297 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Tgt Ion: 95 Resp: 162662
Ion Ratio Lower Upper
95 100
174 97.3 0.0 191.8
176 96.9 0.0 193.2





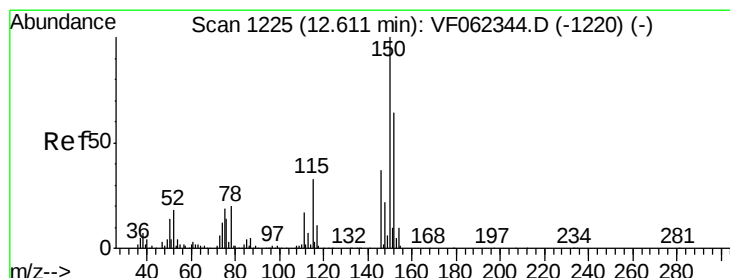
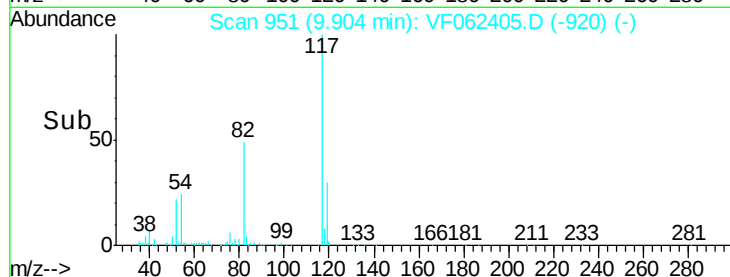
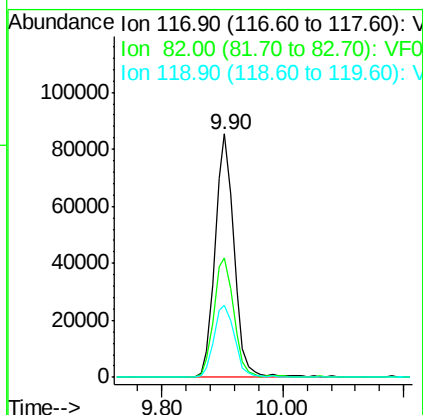
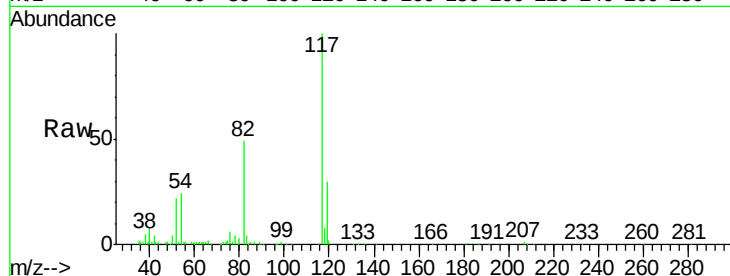
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. 0.00 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-E

Tot Ion	Ratio	Resp	Lower	Upper
117	100	186965		
82	48.8		42.2	63.2
119	29.9		25.0	37.4

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062405.D
Acq: 9 May 2019 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	168808		
115	53.5		26.4	79.2
150	155.0		0.0	335.0

