

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032119\
 Data File : VF062066.D
 Acq On : 21 Mar 2019 17:52
 Operator : VA/AP
 Sample : K2018-05
 Misc : 5.95g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-C

Manual Integrations
 APPROVED

MMDadoda
 3/23/2019 2:59:25 AM

Quant Time: Mar 22 08:38:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	263209	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.61	114	418703	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	302930	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	145610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	90910	47.98	ug/l	0.02
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	4.13	113	135708	48.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	7.57	98	283165	34.45	ug/l	0.02
Spiked Amount 50.000			Recovery	=	68.90%	
62) 4-Bromofluorobenzene	11.42	95	122242	37.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.88%	
Target Compounds						
16) Acetone	2.25	43	9471	22.261	ug/l	97
20) Methylene Chloride	2.27	84	11432m	5.150	ug/l	

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

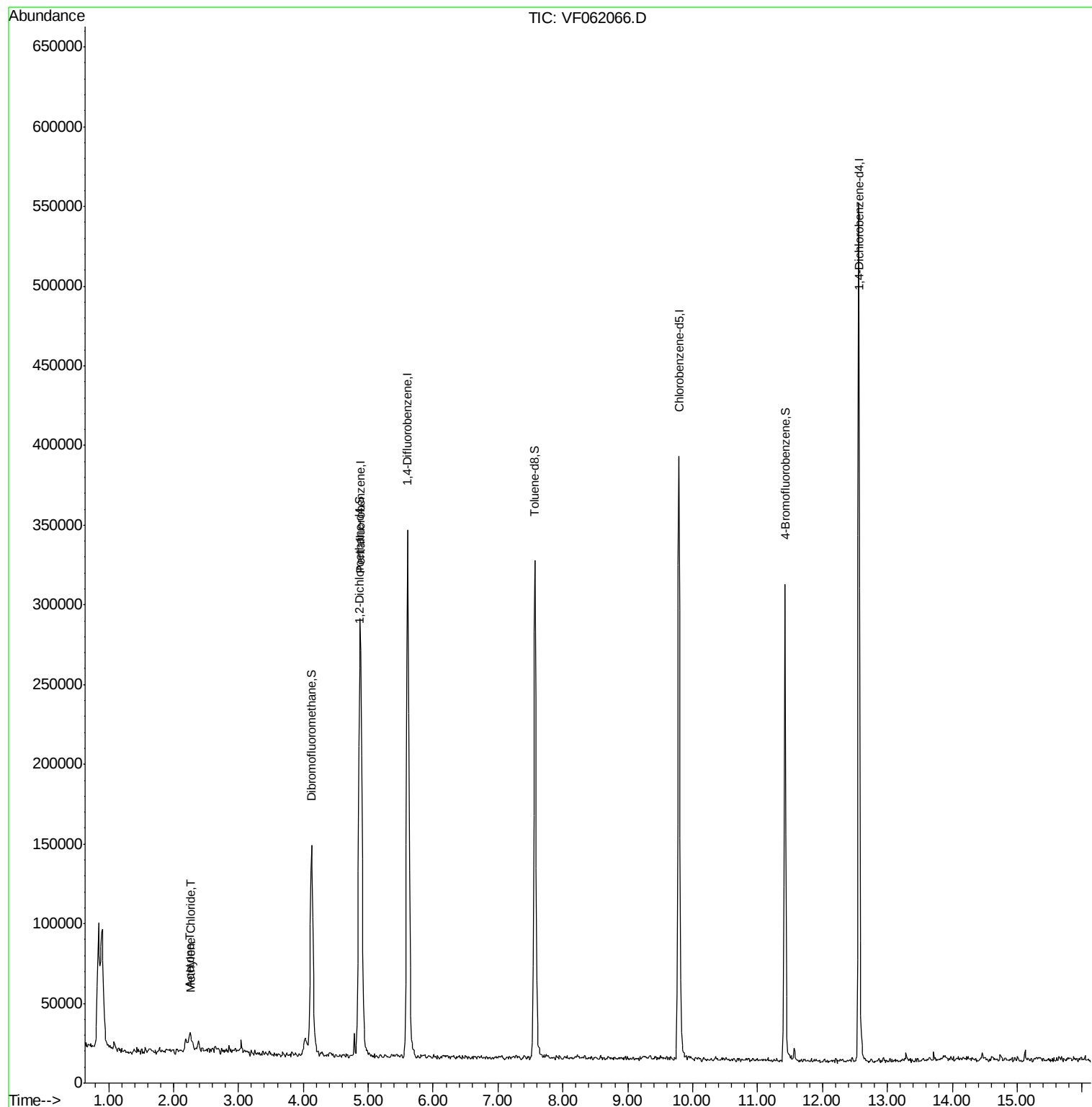
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032119\
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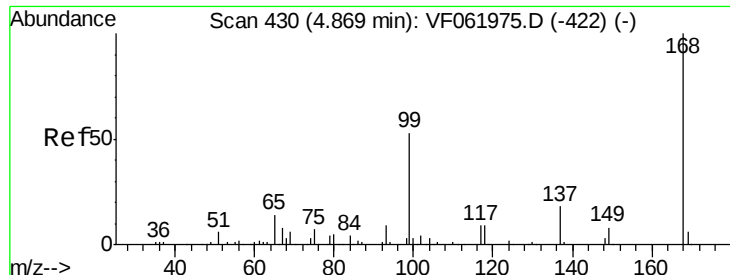
Instrument :
MSVOA_F
ClientSampleId :
SP-1-C

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#1

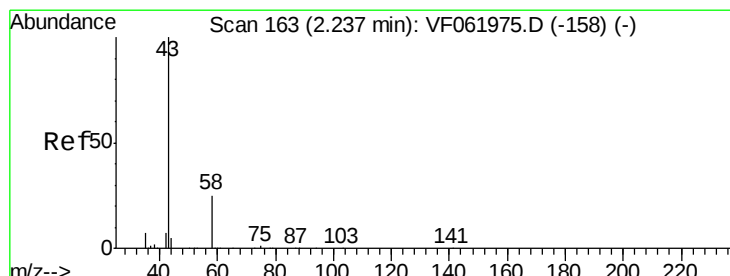
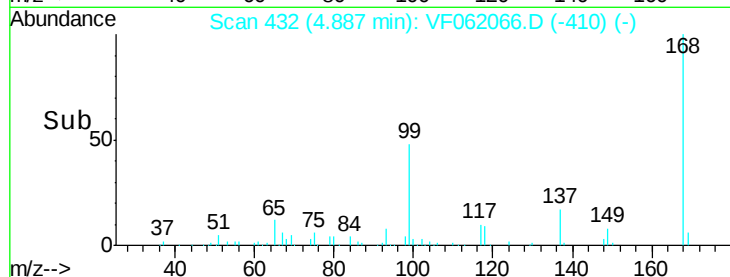
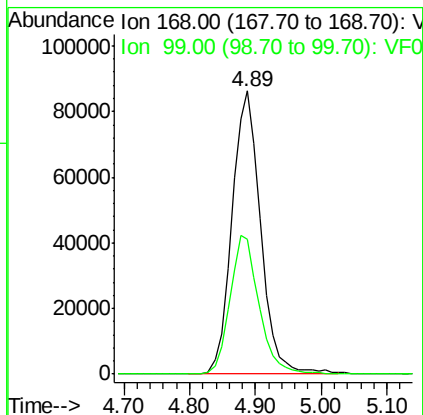
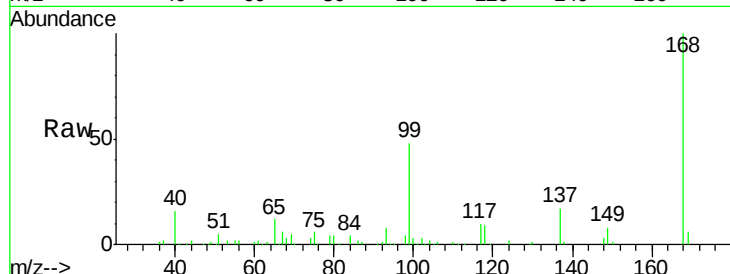
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 4.89 min Scan# 432
 Delta R.T. 0.02 min
 Lab File: VF062066.D
 Acq: 21 Mar 2019 17:52

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-C

Tot Ion	Ratio	Resp	Lower	Upper
168	100	263209		
99	47.6	42.4	63.6	

Manual Integrations
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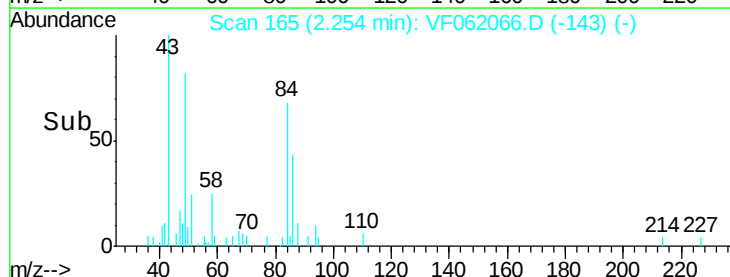
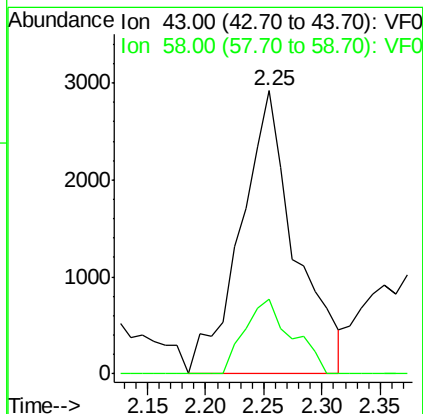
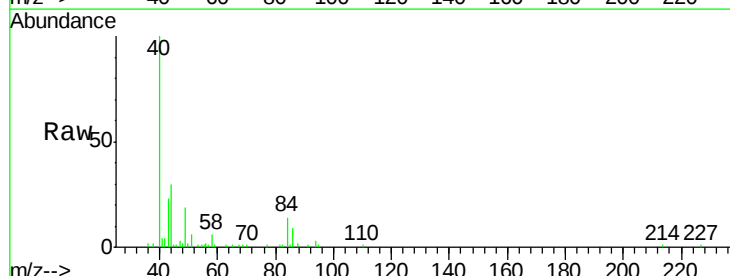
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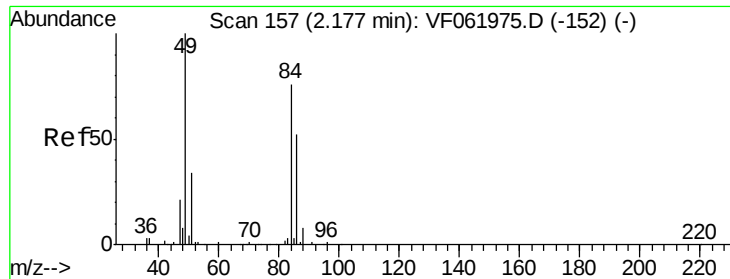


#16

Acetone
 Concen: 22.261 ug/l
 RT: 2.25 min Scan# 165
 Delta R.T. 0.02 min
 Lab File: VF062066.D
 Acq: 21 Mar 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	9471		
58	26.3	19.9	29.9	





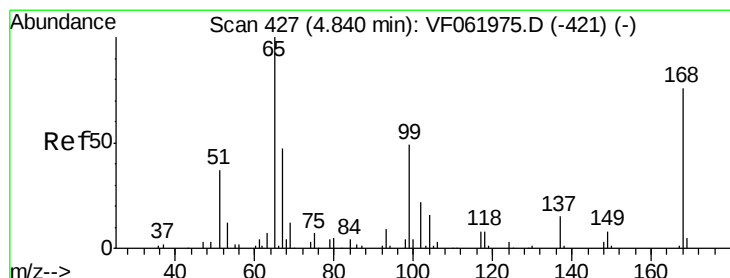
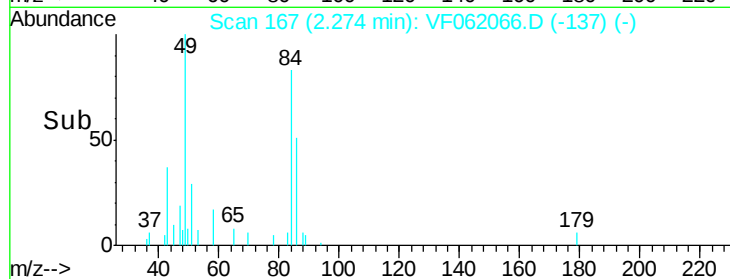
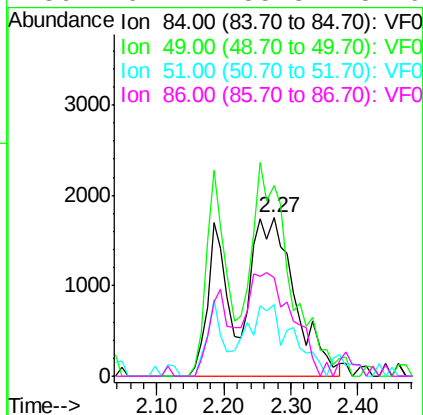
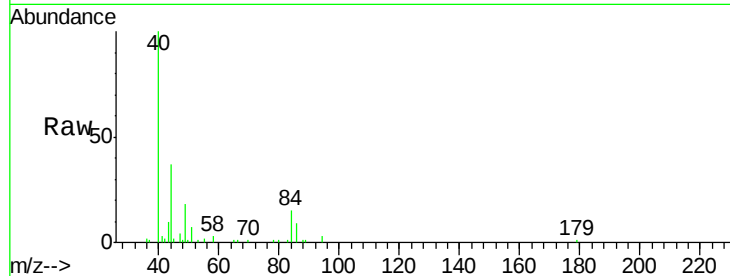
#20
Methvlene Chloride
Concen: 5.150 ug/l m
RT: 2.27 min Scan# 167
Delta R.T. 0.10 min
Lab File: VF062066.D
Acq: 21 Mar 2019 17:52

Instrument :
MSVOA_F
ClientSampleId :
SP-1-C

Tot Ion	Ratio	Lower	Upper
84	100		
49	120.7	107.0	160.6
51	45.5	37.2	55.8
86	62.1	55.3	82.9

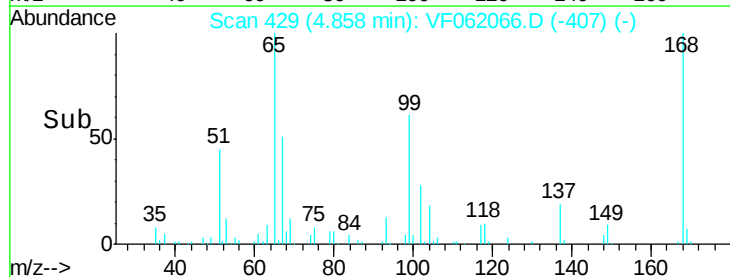
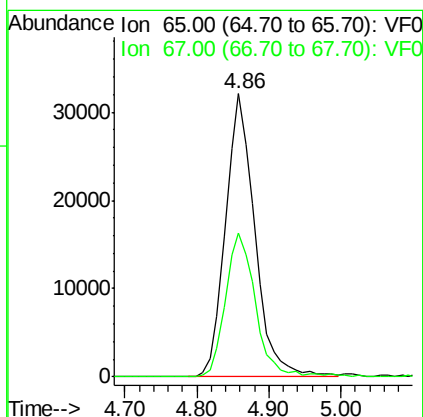
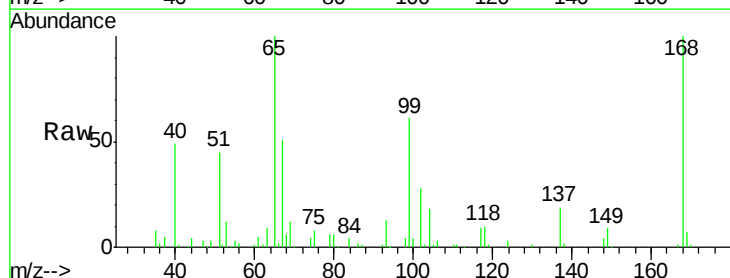
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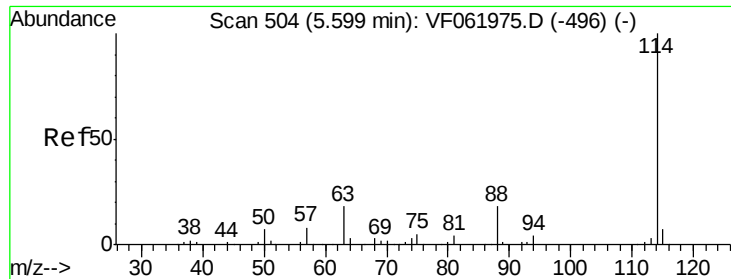
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#33
1,2-Dichloroethane-d4
Concen: 47.982 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.02 min
Lab File: VF062066.D
Acq: 21 Mar 2019 17:52

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	109.4





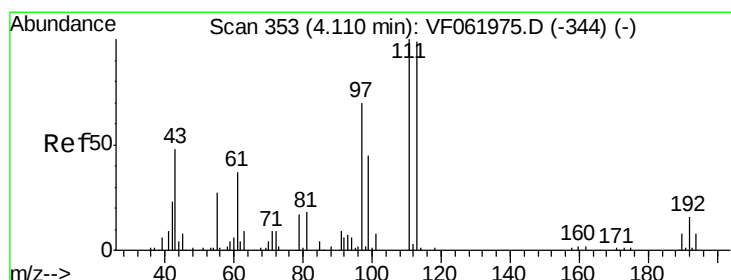
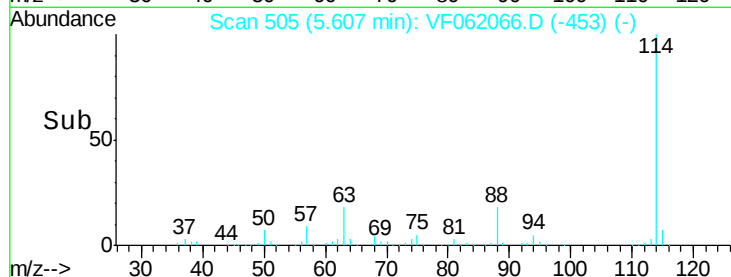
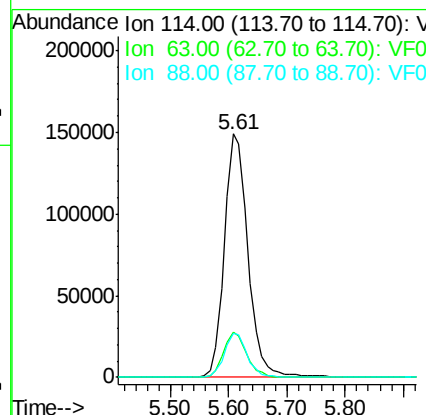
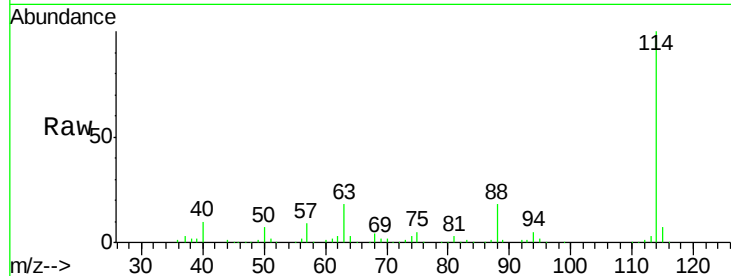
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: VF062066.D
 Acq: 21 Mar 2019 17:52

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-C

Tot Ion	Ratio	Resp	Lower	Upper
114	100	418703		
63	18.3	0.0	36.4	
88	17.8	0.0	36.4	

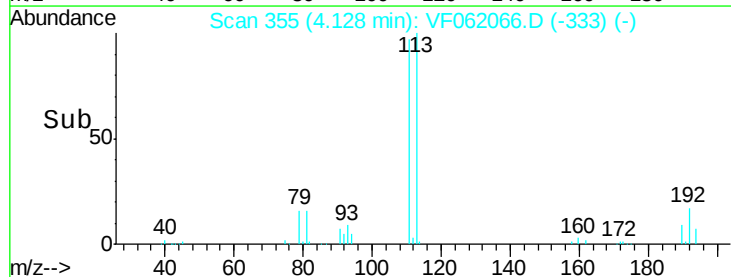
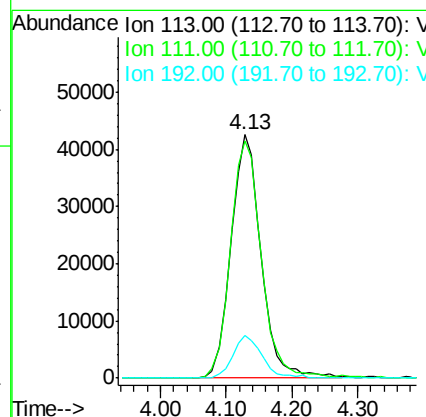
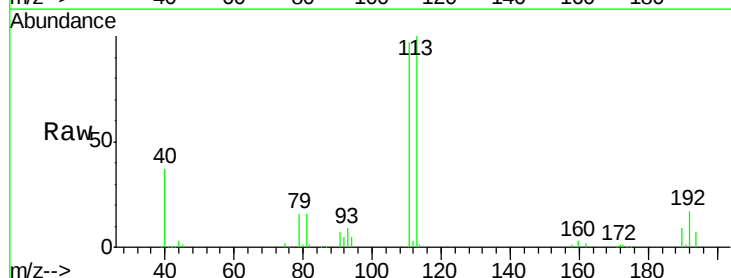
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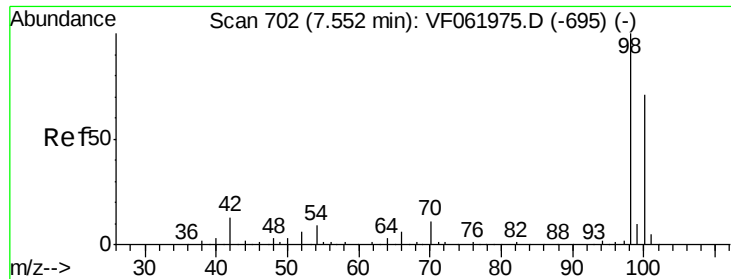
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#35
 Dibromofluoromethane
 Concen: 48.266 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. 0.02 min
 Lab File: VF062066.D
 Acq: 21 Mar 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	135708		
111	97.3	80.8	121.2	
192	17.4	13.0	19.6	





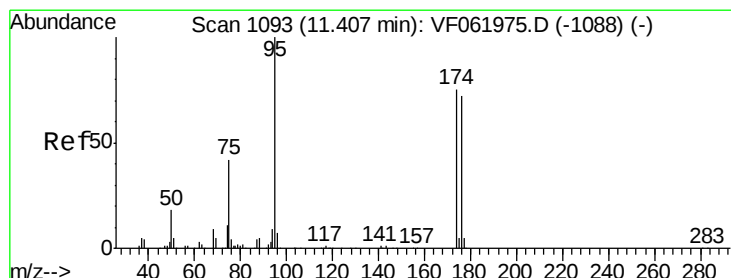
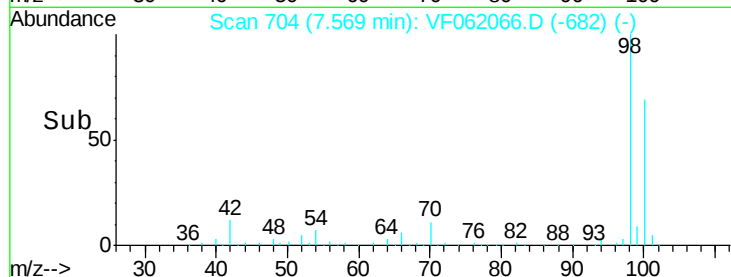
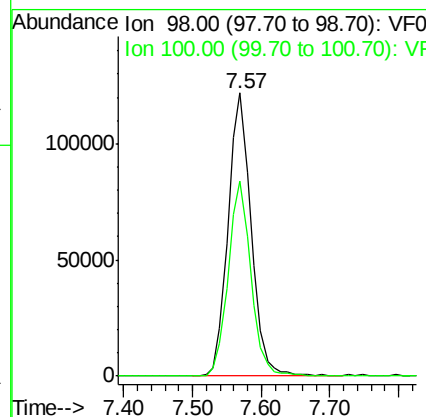
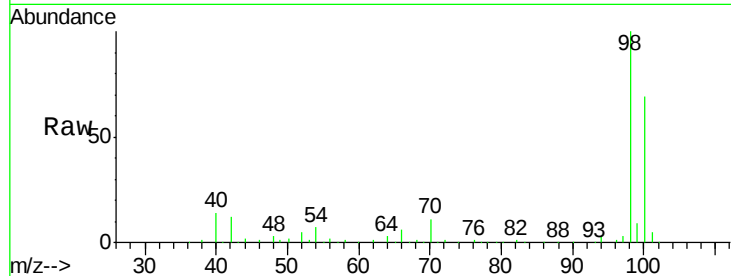
#50
Toluene-d8
Concen: 34.451 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.02 min
Lab File: VF062066.D
Acq: 21 Mar 2019 17:52

Instrument :
MSVOA_F
ClientSampled :
SP-1-C

Tot Ion: 98 Resp: 283165
Ion Ratio Lower Upper
98 100
100 68.8 56.8 85.2

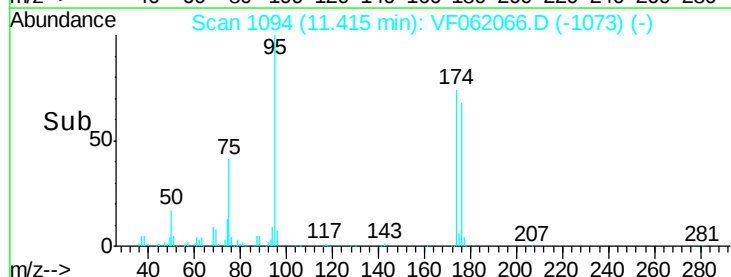
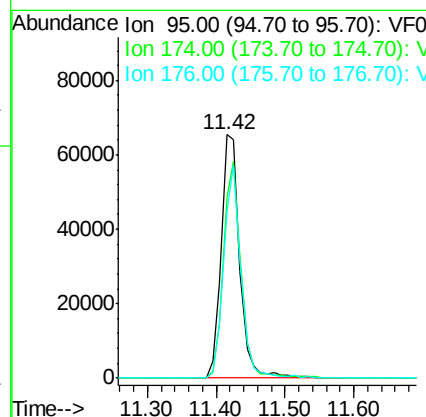
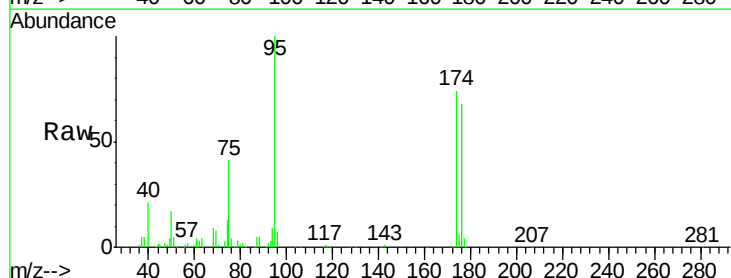
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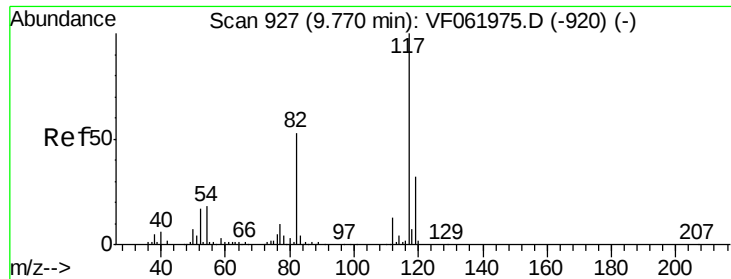
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#62
4-Bromofluorobenzene
Concen: 37.437 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF062066.D
Acq: 21 Mar 2019 17:52

Tgt Ion: 95 Resp: 122242
Ion Ratio Lower Upper
95 100
174 74.4 0.0 149.4
176 68.3 0.0 143.4





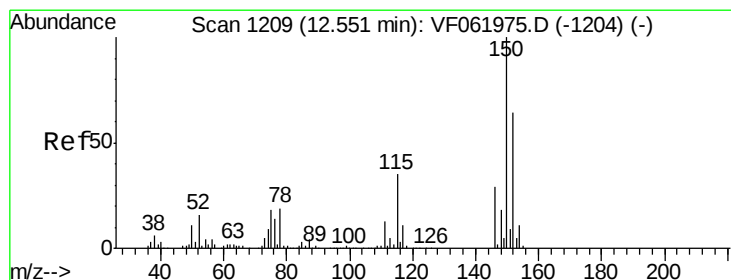
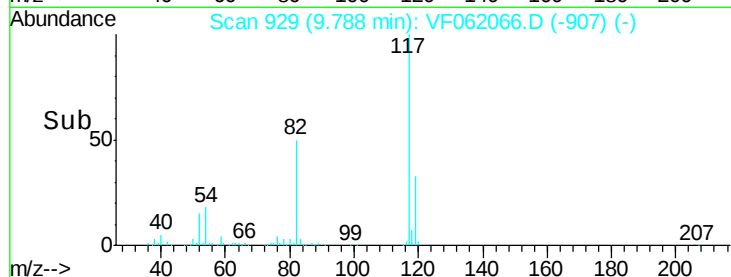
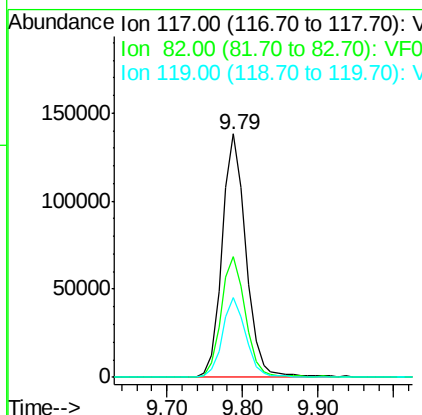
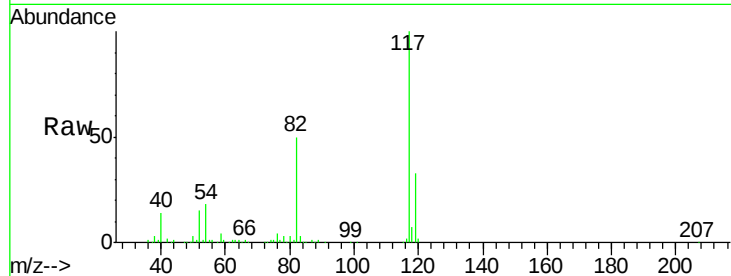
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF062066.D
Acq: 21 Mar 2019 17:52

Instrument :
MSVOA_F
ClientSampleId :
SP-1-C

Tot Ion	Ratio	Resp	Lower	Upper
117	100	302930		
82	49.6		42.5	63.7
119	32.8		25.4	38.0

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF062066.D
Acq: 21 Mar 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	145610		
115	53.0		27.3	81.9
150	155.3		0.0	316.2

