

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122718\
 Data File : VF061213.D
 Acq On : 27 Dec 2018 17:38
 Operator : VA/AP
 Sample : J6473-01
 Misc : 6.64g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S32-0636

Manual Integrations
 APPROVED

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 12/28/2018 9:38:39 AM

Quant Time: Dec 28 09:53:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	214255	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	383094	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.75	117	362801	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	202909	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	146301	53.09	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.18%	
35) Dibromofluoromethane	4.09	113	161344	52.58	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.16%	
50) Toluene-d8	7.53	98	395190	45.44	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.88%	
62) 4-Bromofluorobenzene	11.39	95	197044	49.15	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.30%	
Target Compounds						
20) Methylene Chloride	2.24	84	16748m	5.518	ug/l	Qvalue
21) trans-1,2-Dichloroethene	2.30	96	3768	1.865	ug/l	93
27) cis-1,2-Dichloroethene	3.45	96	11029	3.566	ug/l	84

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

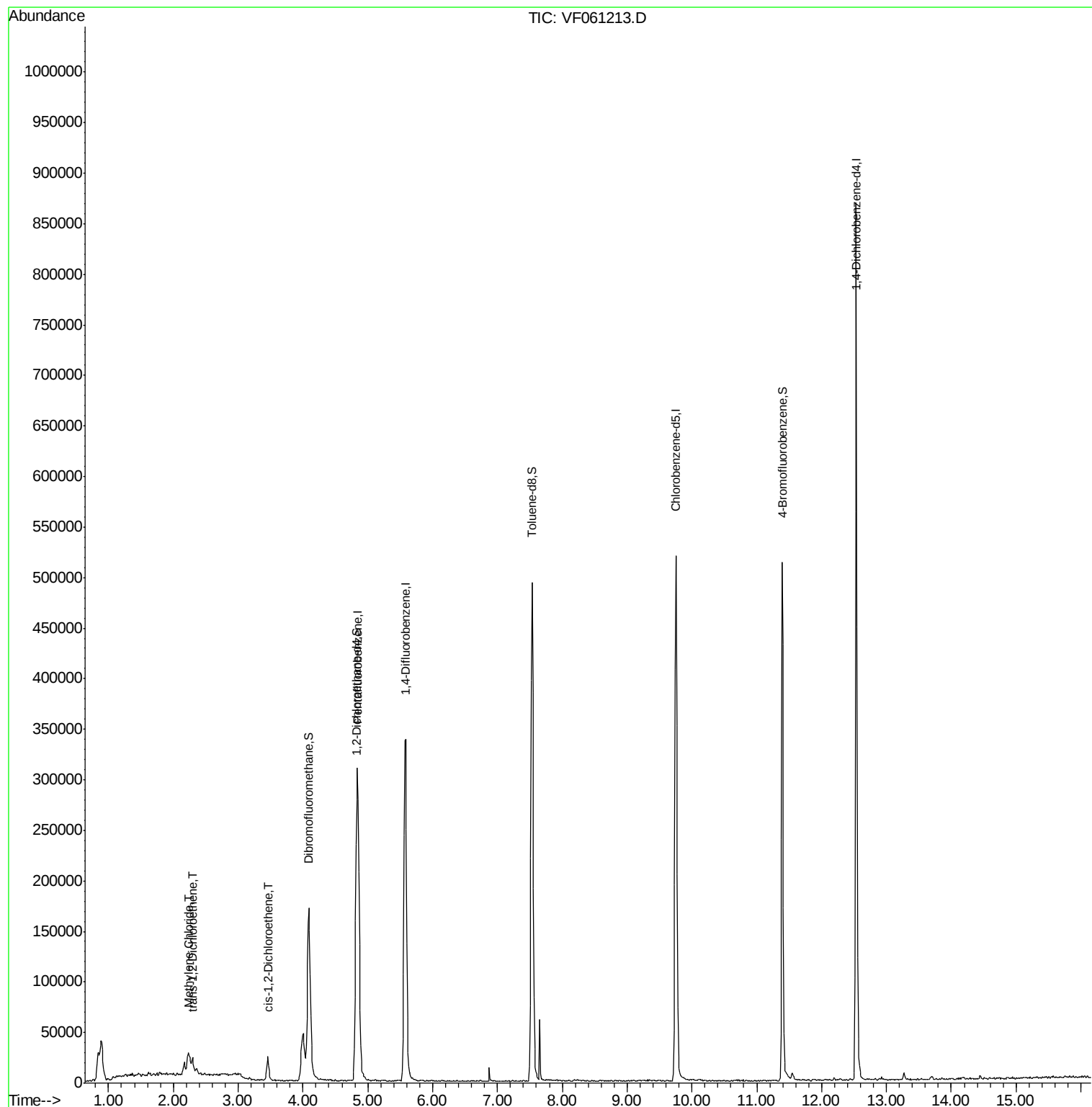
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF122718\
Data File : VF061213.D
Acq On : 27 Dec 2018 17:38
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061213.D

Acq: 27 Dec 2018 17:38

Instrument :

MSVOA_F

ClientSampleId :

S32-0636

Tot Ion:168 Resp: 214255

Ion Ratio Lower Upper

168 100

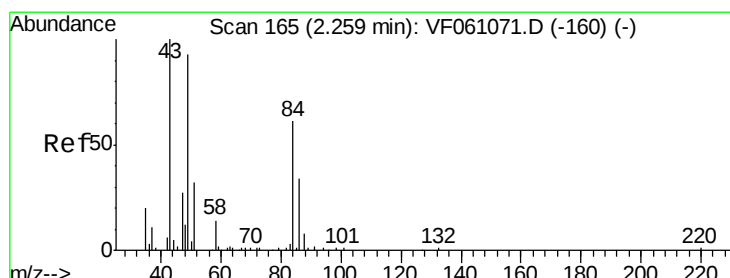
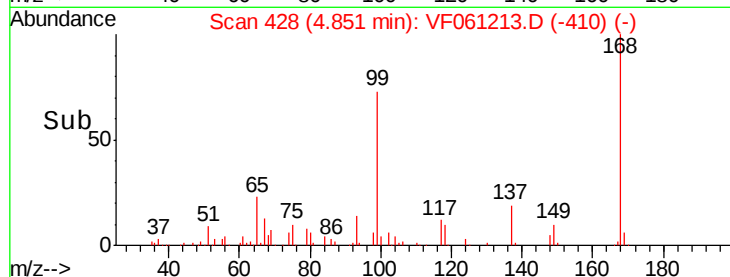
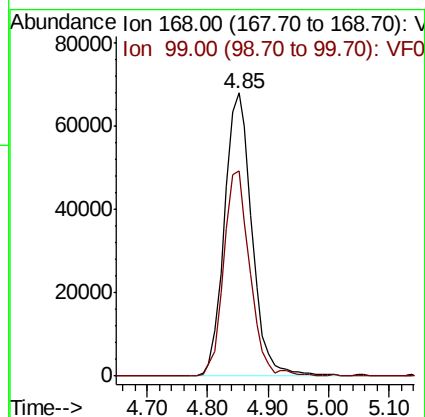
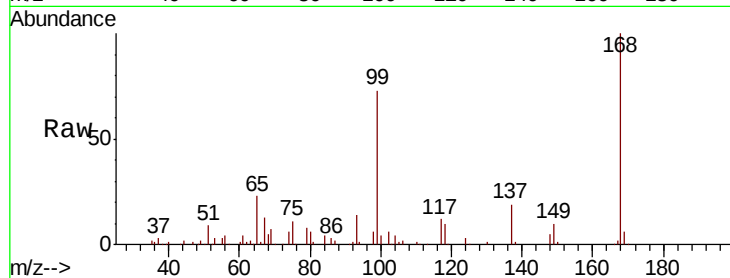
99 72.7 54.4 81.6

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#20

Methylene Chloride

Concen: 5.518 ug/l m

RT: 2.24 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF061213.D

Acq: 27 Dec 2018 17:38

Tgt Ion: 84 Resp: 16748

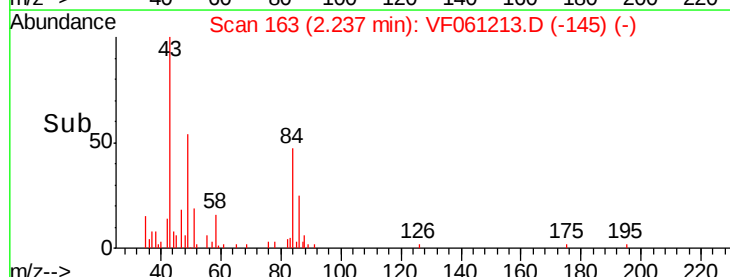
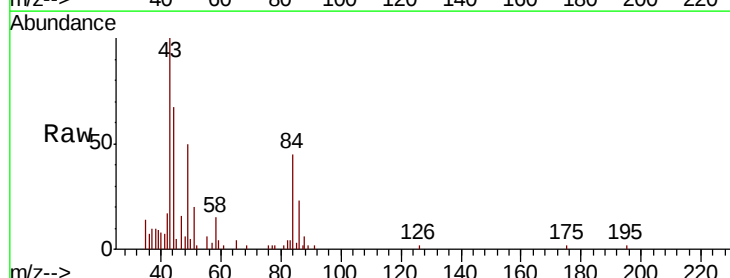
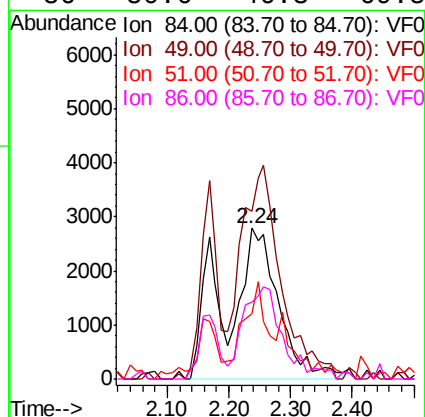
Ion Ratio Lower Upper

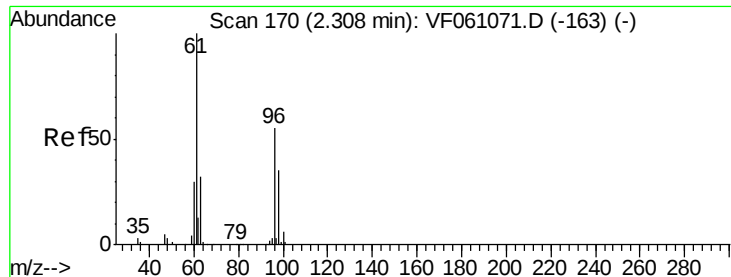
84 100

49 111.4 129.4 194.2#

51 43.7 44.0 66.0#

86 50.6 46.3 69.5





#21

trans-1,2-Dichloroethene

Concen: 1.865 ug/l

RT: 2.30 min Scan# 169

Delta R.T. -0.01 min

Lab File: VF061213.D

Acq: 27 Dec 2018 17:38

Instrument :

MSVOA_F

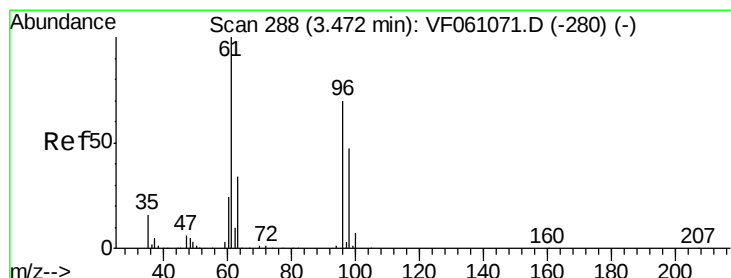
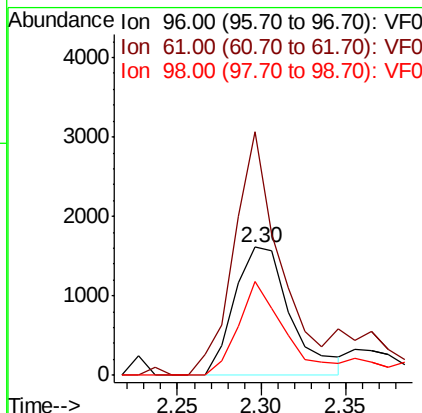
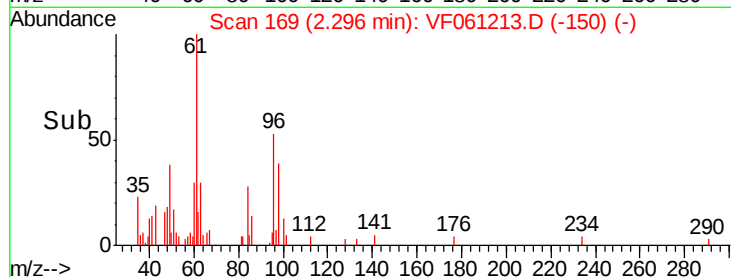
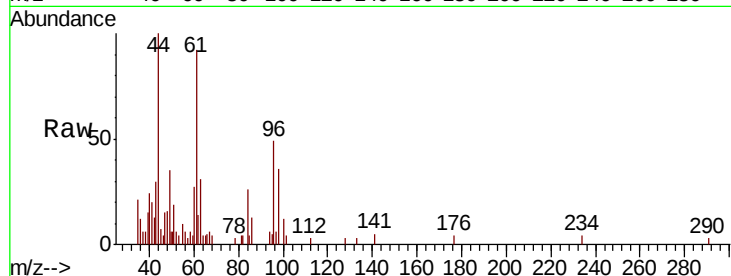
ClientSampleId :

S32-0636

Tot Ion:	96	Resp:	3768
Ion	Ratio	Lower	Upper
96	100		
61	189.8	146.0	219.0
98	73.7	51.6	77.4

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#27

cis-1,2-Dichloroethene

Concen: 3.566 ug/l

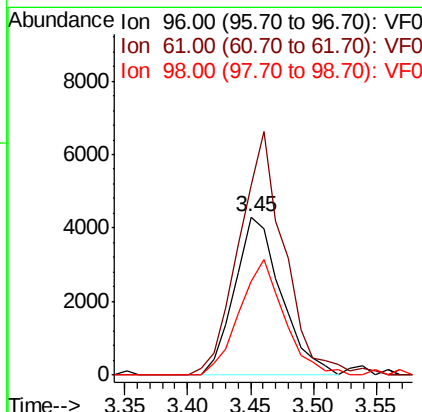
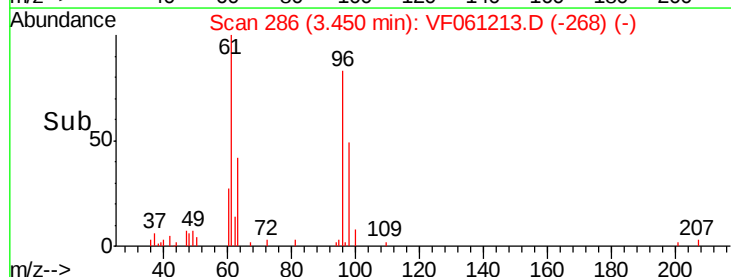
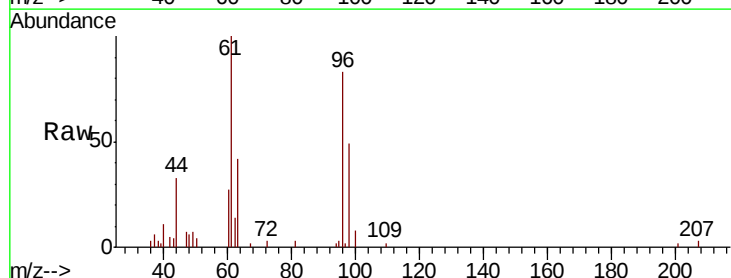
RT: 3.45 min Scan# 286

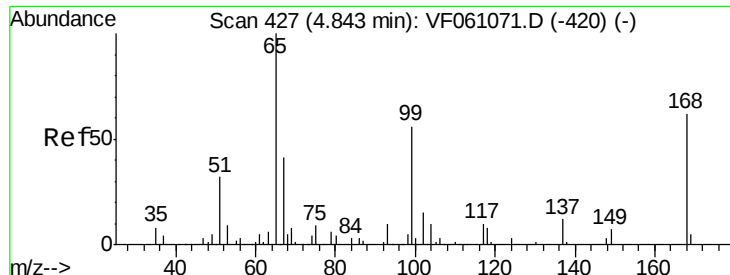
Delta R.T. -0.02 min

Lab File: VF061213.D

Acq: 27 Dec 2018 17:38

Tgt Ion:	96	Resp:	11029
Ion	Ratio	Lower	Upper
96	100		
61	120.1	0.0	287.8
98	58.9	0.0	134.2





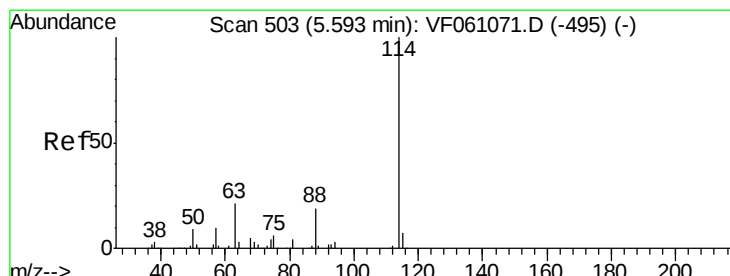
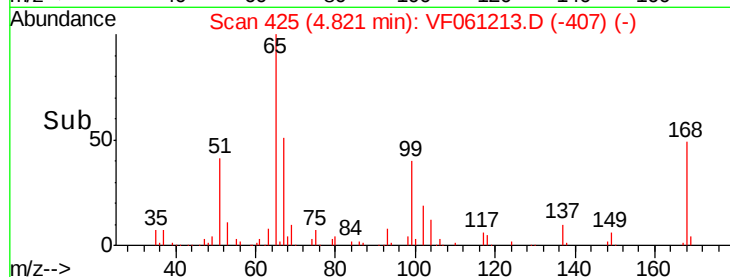
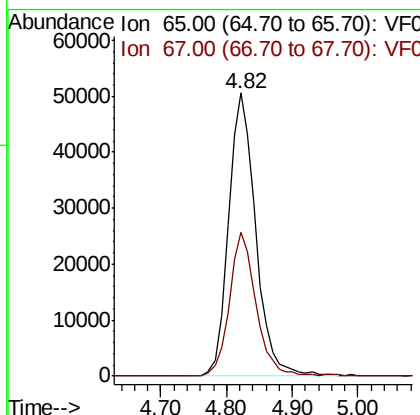
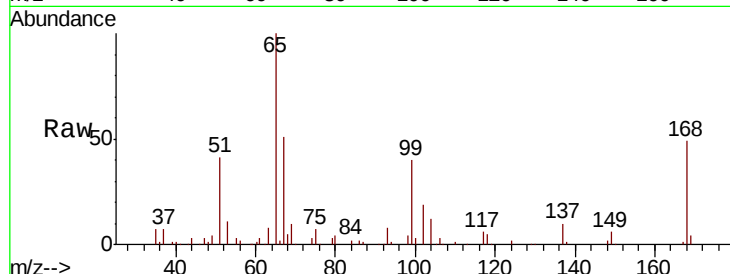
#33
 1,2-Dichloroethane-d4
 Concen: 53.091 ug/l
 RT: 4.82 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: VF061213.D
 Acq: 27 Dec 2018 17:38

Instrument :
 MSVOA_F
 ClientSampled :
 S32-0636

Tot Ion	Ratio	Resp	Lower	Upper
65	100	146301		
67	51.0	0.0	94.6	

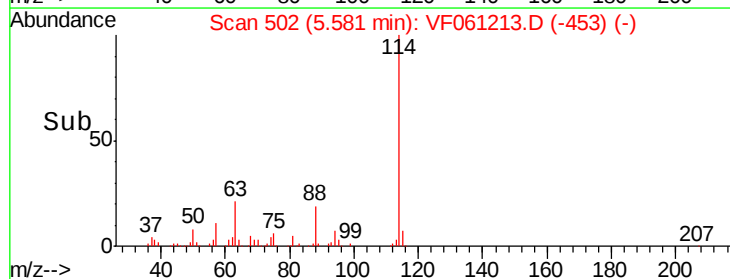
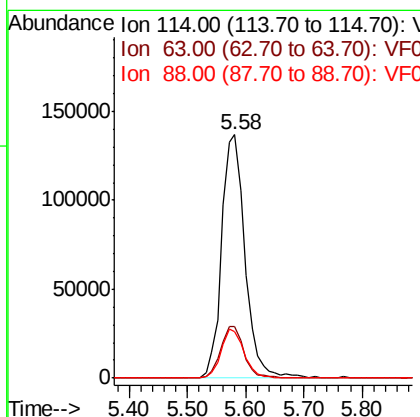
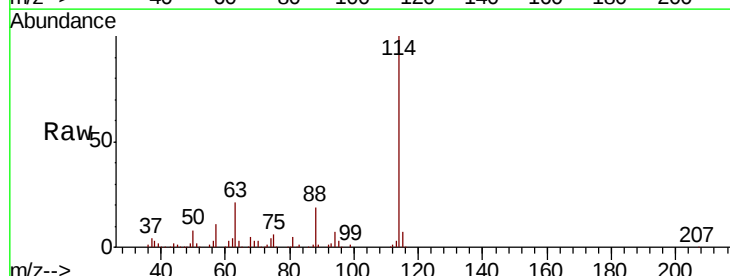
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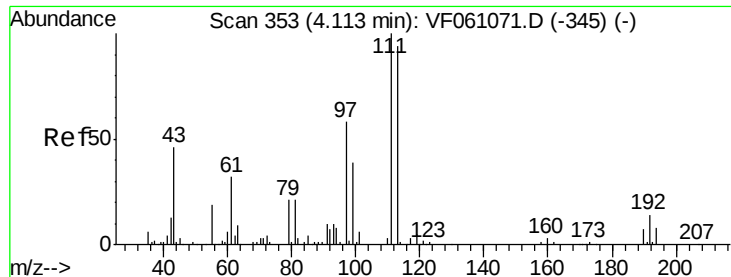
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: VF061213.D
 Acq: 27 Dec 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	383094		
63	21.0	0.0	41.6	
88	19.3	0.0	38.0	





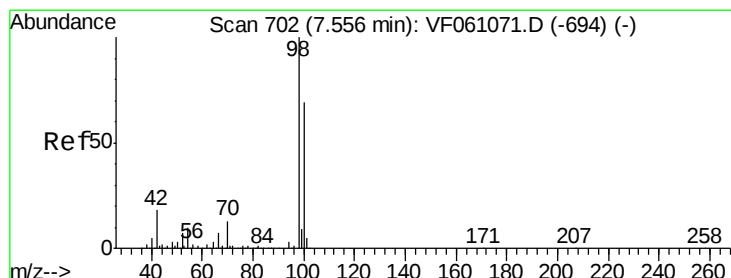
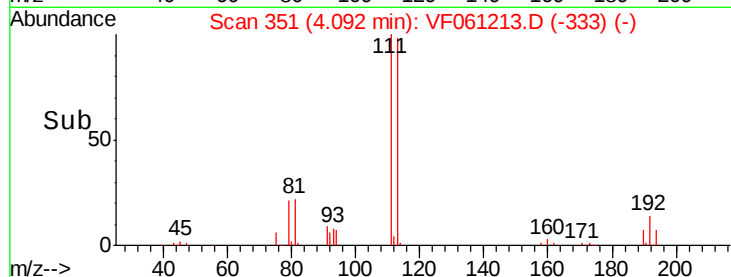
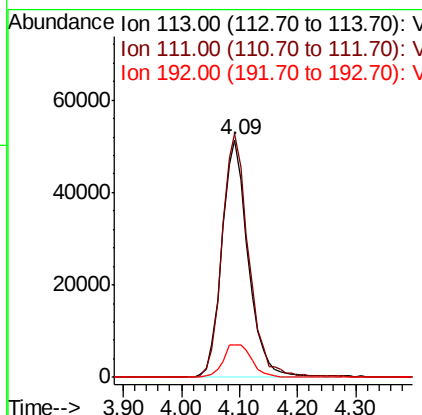
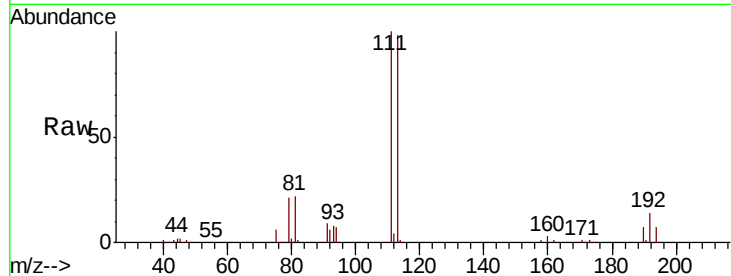
#35
Dibromofluoromethane
Concen: 52.576 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF061213.D
Acq: 27 Dec 2018 17:38

Instrument :
MSVOA_F
ClientSampleId :
S32-0636

Tot Ion	Ratio	Resp	Lower	Upper
113	100	161344		
111	102.5	85.2	127.8	
192	13.9	12.8	19.2	

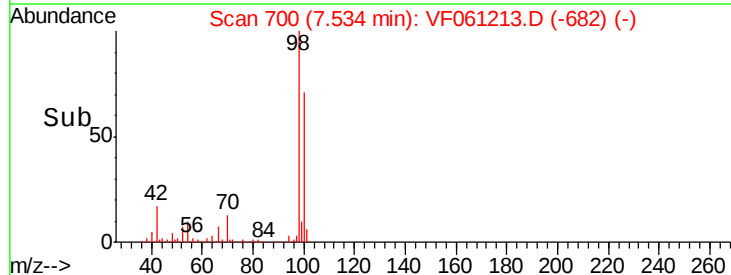
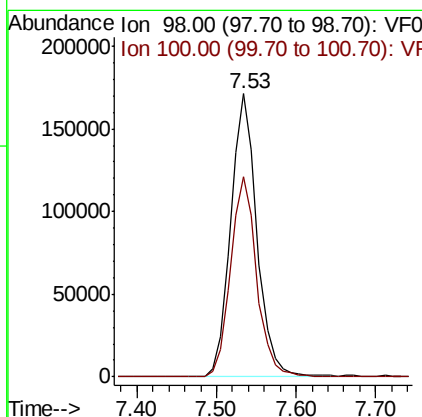
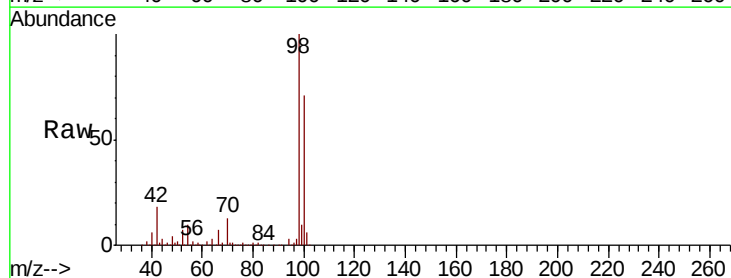
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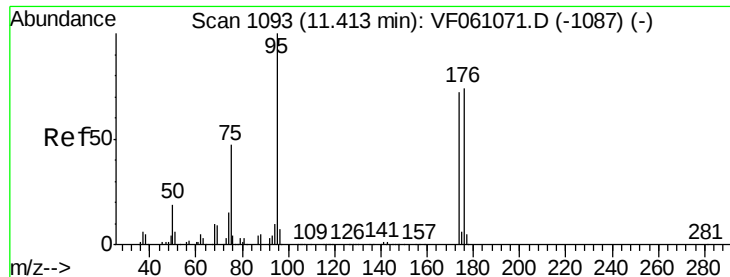
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#50
Toluene-d8
Concen: 45.442 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061213.D
Acq: 27 Dec 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	395190		
100	70.5	55.3	82.9	





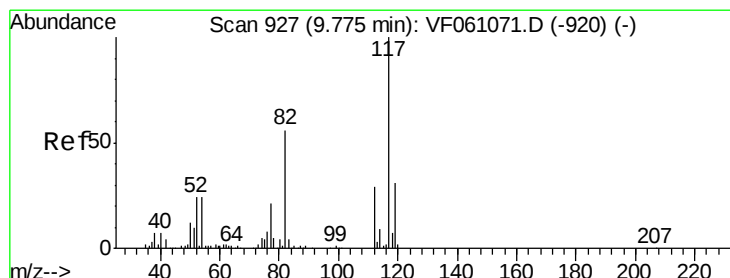
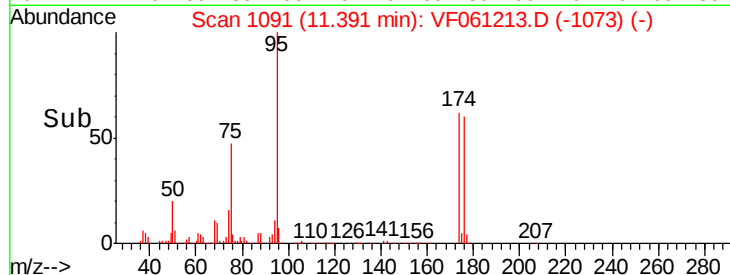
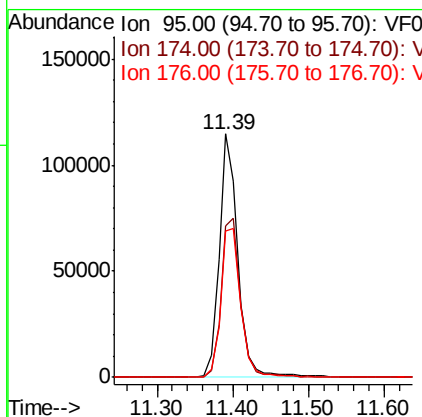
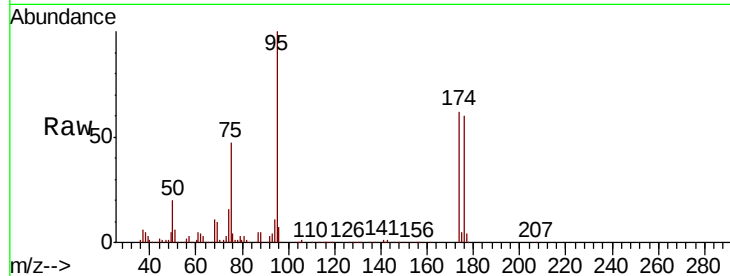
#62
4-Bromofluorobenzene
Concen: 49.147 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061213.D
Acq: 27 Dec 2018 17:38

Instrument :
MSVOA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
95	100	197044		
174	62.1	0.0	143.8	
176	59.9	0.0	147.6	

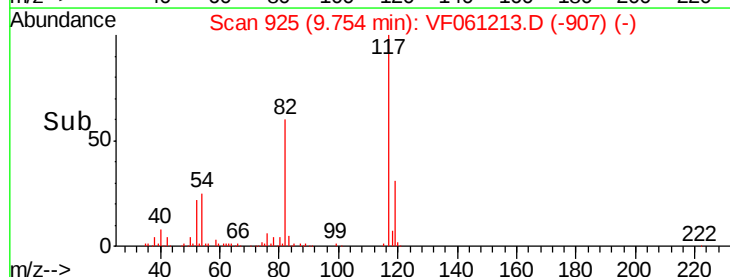
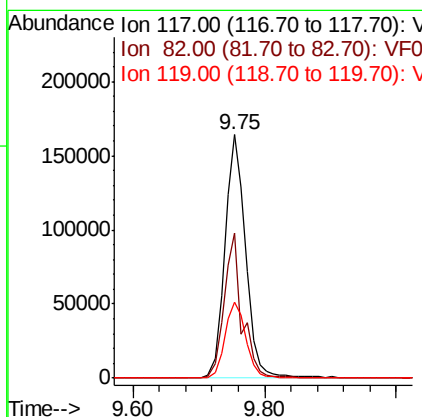
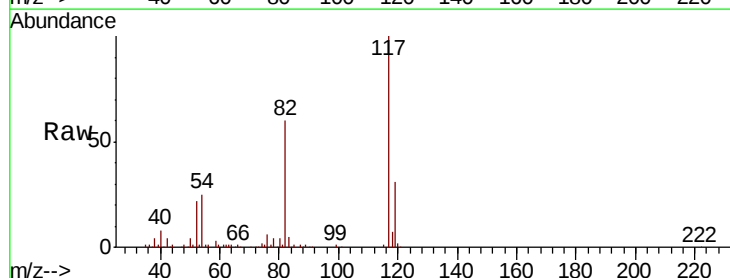
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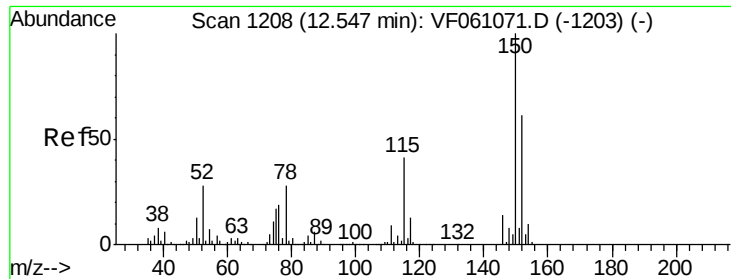
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF061213.D
Acq: 27 Dec 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	362801		
82	59.6	45.0	67.4	
119	31.1	24.8	37.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1207

Delta R.T. -0.01 min

Lab File: VF061213.D

Acq: 27 Dec 2018 17:38

Instrument :

MSVOA_F

ClientSampleId :

S32-0636

Tot Ion:	152	Resp:	202909
Ion Ratio	Lower	Upper	
152	100		
115	58.8	33.3	99.9
150	154.1	0.0	328.2

Manual Integrations
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