

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
 Data File : VF061136.D
 Acq On : 21 Dec 2018 20:05
 Operator : VA/AP
 Sample : J6377-16RE
 Misc : 3.85g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SD006-0612-01RE

Manual Integrations
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 12/26/2018 10:51:37 AM

Quant Time: Dec 22 00:18:58 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	4.91	168	155960	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.64	114	274941	50.00	ug/l	0.04
63) Chlorobenzene-d5	9.82	117	197310	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	12.58	152	57754	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.89	65	62782	31.30	ug/l	0.04
Spiked Amount 50.000			Recovery	=	62.60%	
35) Dibromofluoromethane	4.16	113	71192	32.32	ug/l	0.04
Spiked Amount 50.000			Recovery	=	64.64%	
50) Toluene-d8	7.59	98	158683	25.42	ug/l	0.03
Spiked Amount 50.000			Recovery	=	50.84%	
62) 4-Bromofluorobenzene	11.45	95	50694	17.62	ug/l	0.03
Spiked Amount 50.000			Recovery	=	35.24%	
Target Compounds						
16) Acetone	2.27	43	22086	55.077	ug/l	96
20) Methylene Chloride	2.27	84	7899m	1.837	ug/l	
25) 2-Butanone	4.38	43	15784	24.270	ug/l #	88
52) Toluene	7.67	92	5534	1.171	ug/l	98
68) m/p-Xylenes	10.18	106	2931	1.122	ug/l #	71
88) 1,4-Dichlorobenzene	12.59	146	5745	2.920	ug/l	96

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

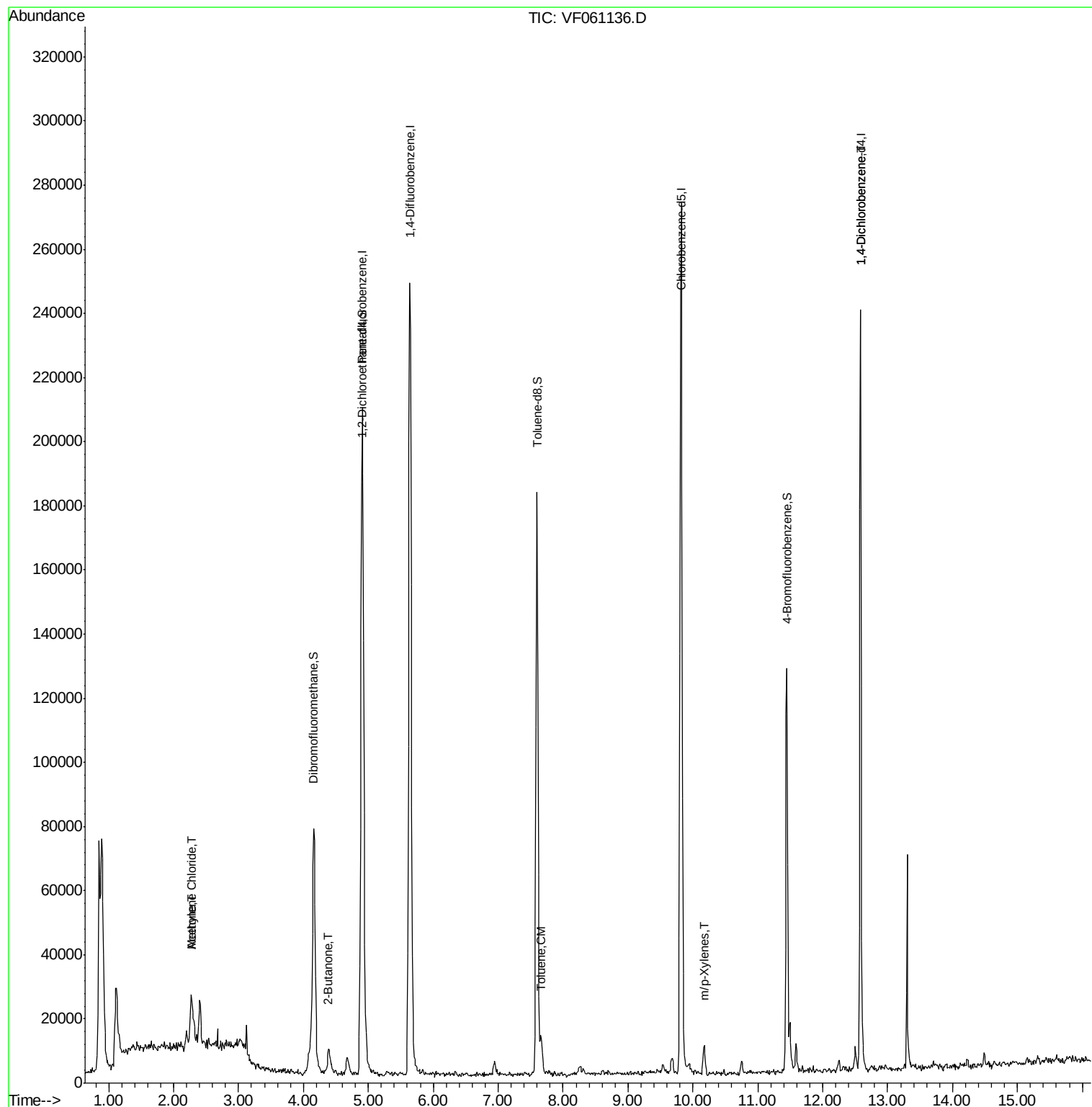
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
Data File : VF061136.D
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Operator : VA/AP
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ALS Vial : 20 Sample Multiplier: 1

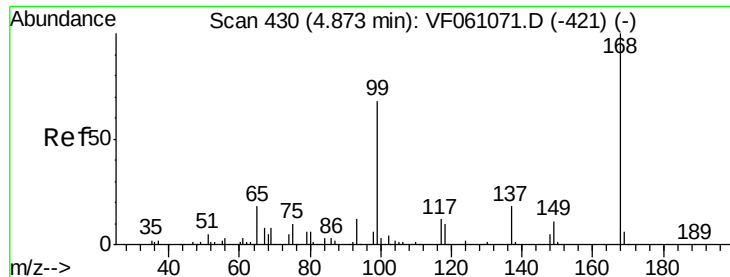
Instrument :
MSVOA_F
ClientSampleId :
P001-SD006-0612-01RE

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Quant Time: Dec 22 00:18:58 2018
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: 4.91 min Scan# 434

Delta R.T. 0.03 min

Lab File: VF061136.D

Acq: 21 Dec 2018 20:05

Instrument :

MSVOA_F

ClientSampleId :

P001-SD006-0612-01RE

Tgt Ion:168 Resp: 155960

Ion Ratio Lower Upper

168 100

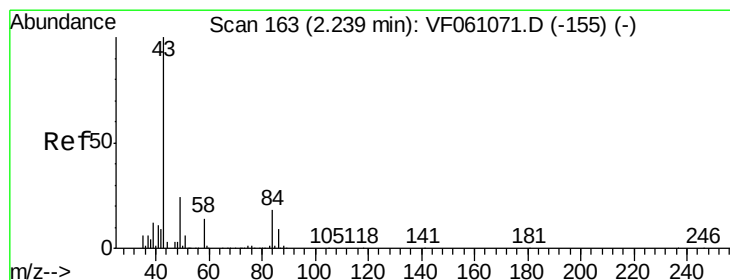
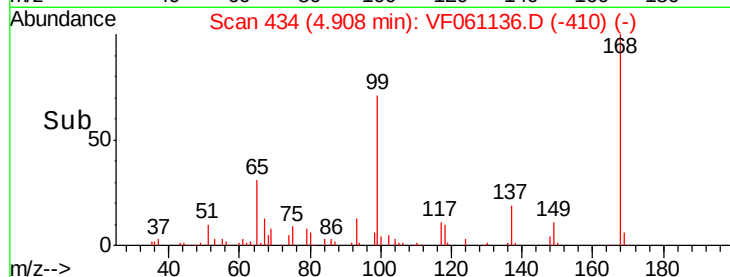
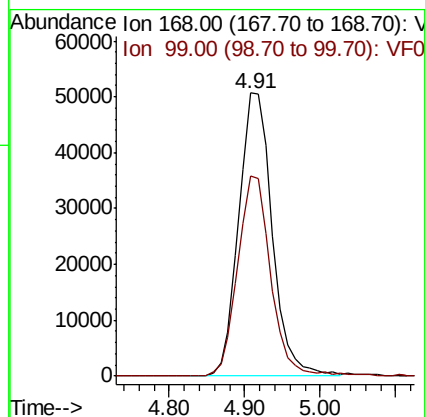
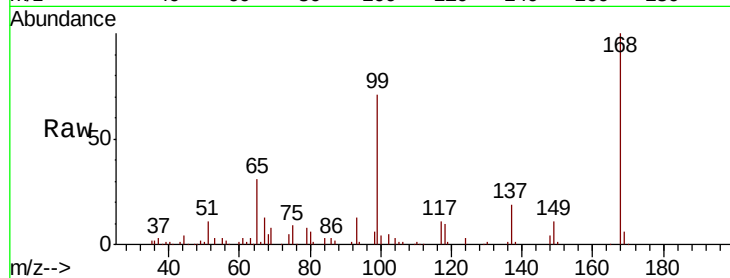
99 70.6 54.4 81.6

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#16

Acetone

Concen: 55.077 ug/l

RT: 2.27 min Scan# 167

Delta R.T. 0.03 min

Lab File: VF061136.D

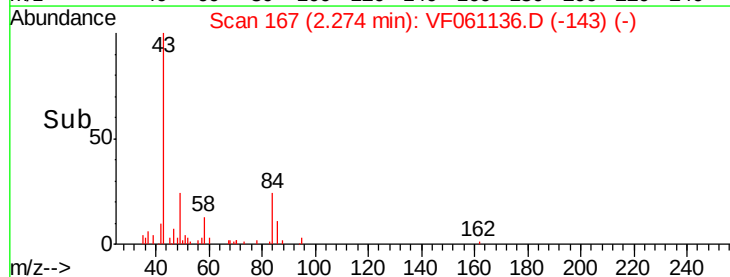
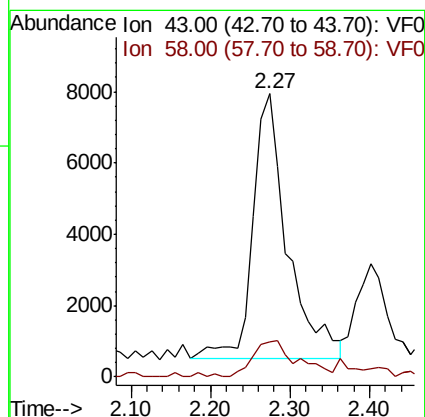
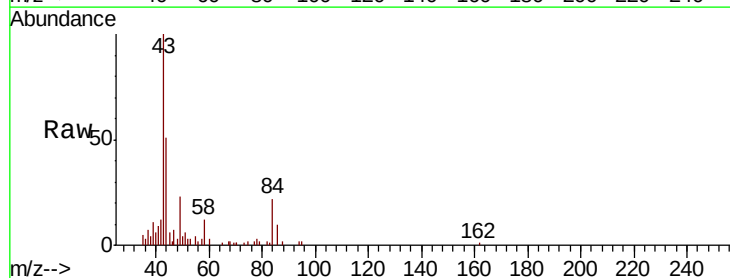
Acq: 21 Dec 2018 20:05

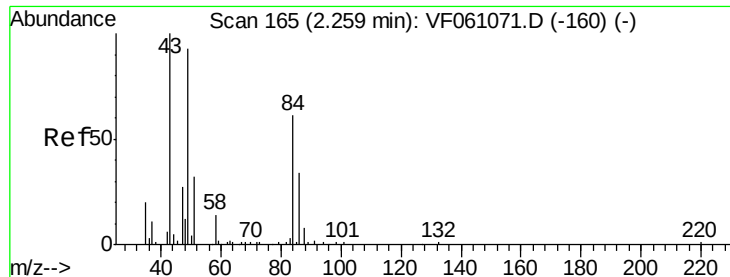
Tgt Ion: 43 Resp: 22086

Ion Ratio Lower Upper

43 100

58 12.4 11.1 16.7





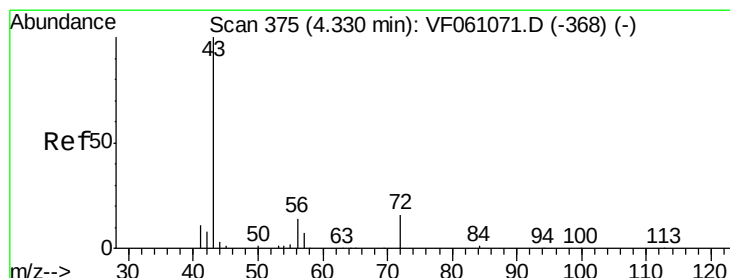
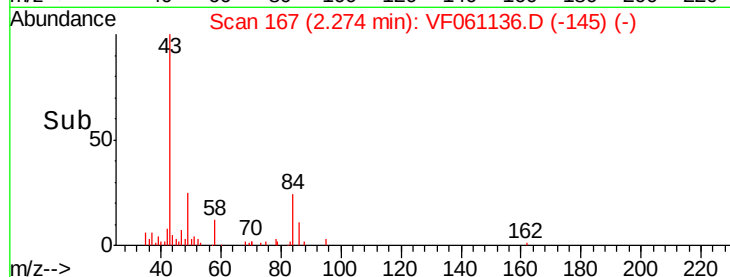
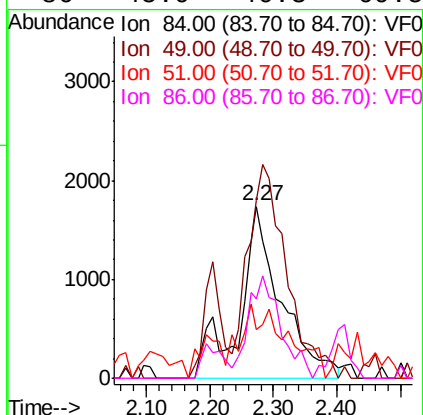
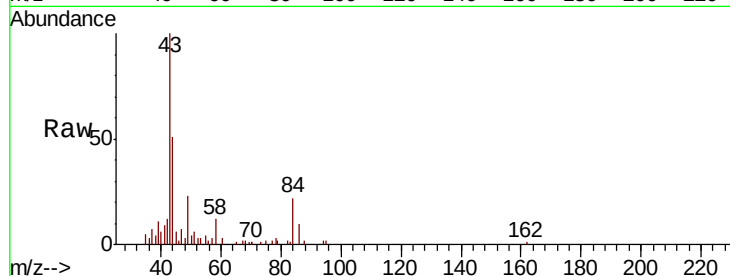
#20
Methylene Chloride
Concen: 1.837 ug/l m
RT: 2.27 min Scan# 167
Delta R.T. 0.02 min
Lab File: VF061136.D
Acq: 21 Dec 2018 20:05

Instrument :
MSVOA_F
ClientSampleId :
P001-SD006-0612-01RE

Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.6	129.4	194.2#
51	28.1	44.0	66.0#
86	45.9	46.3	69.5#

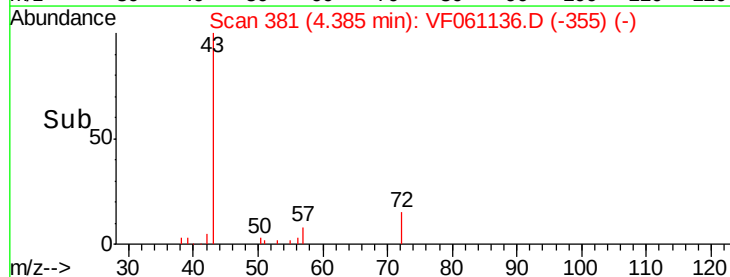
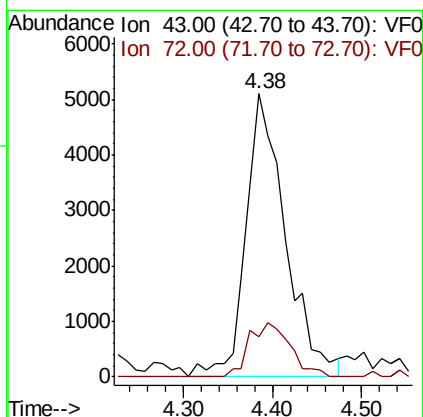
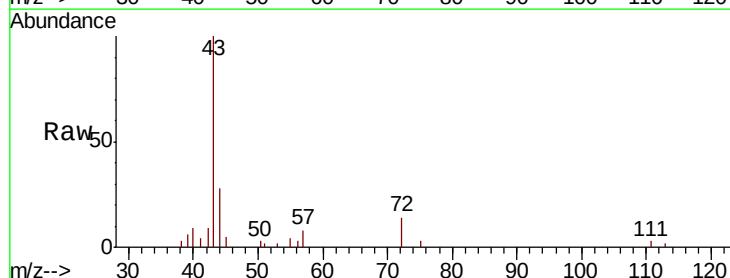
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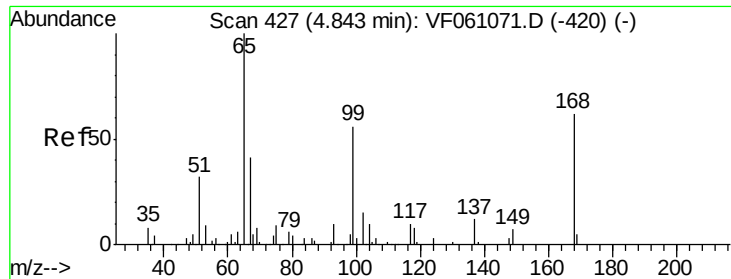
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#25
2-Butanone
Concen: 24.270 ug/l
RT: 4.38 min Scan# 381
Delta R.T. 0.05 min
Lab File: VF061136.D
Acq: 21 Dec 2018 20:05

Tgt Ion	Ratio	Lower	Upper
43	100		
72	14.0	15.6	23.4#





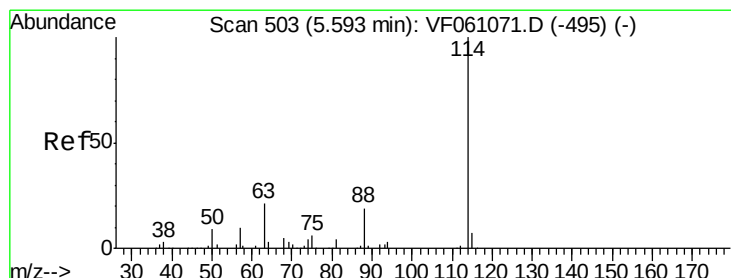
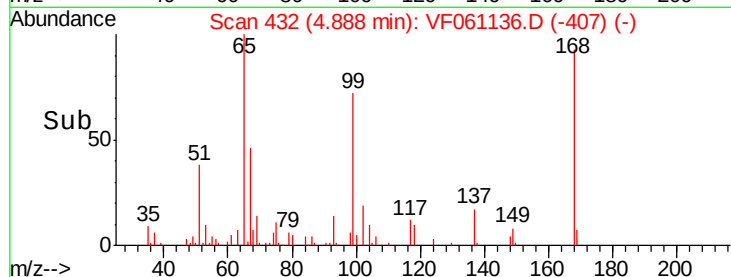
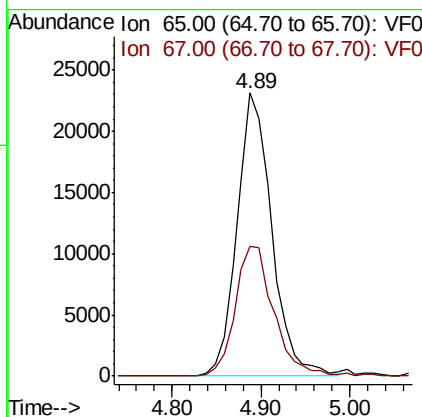
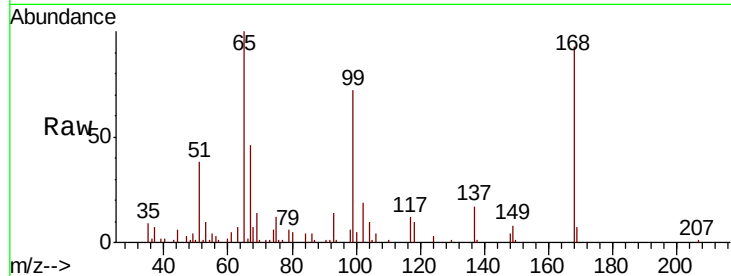
#33
 1,2-Dichloroethane-d4
 Concen: 31.298 ug/l
 RT: 4.89 min Scan# 432
 Delta R.T. 0.04 min
 Lab File: VF061136.D
 Acq: 21 Dec 2018 20:05

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SD006-0612-01RE

Tgt Ion: 65 Resp: 62782
 Ion Ratio Lower Upper
 65 100
 67 45.7 0.0 94.6

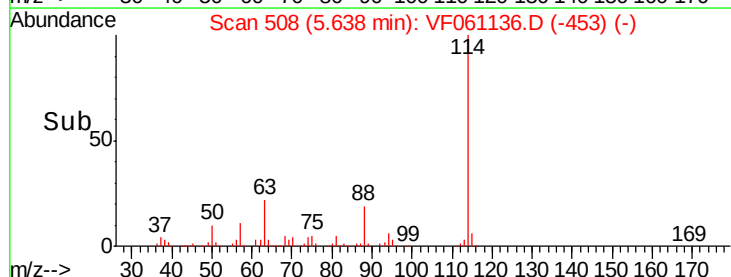
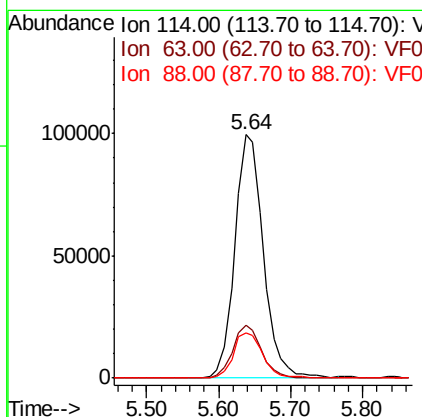
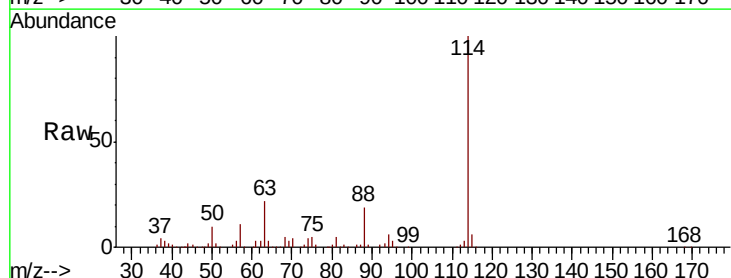
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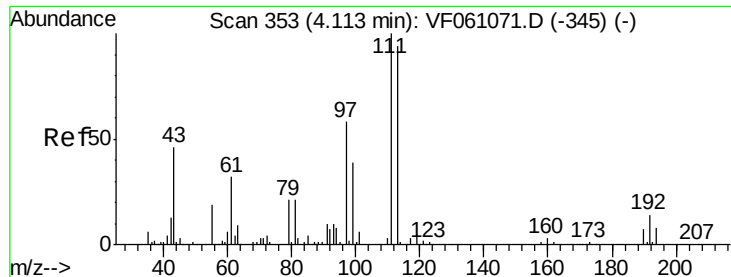
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 508
 Delta R.T. 0.04 min
 Lab File: VF061136.D
 Acq: 21 Dec 2018 20:05

Tgt Ion: 114 Resp: 274941
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 41.6
 88 18.8 0.0 38.0





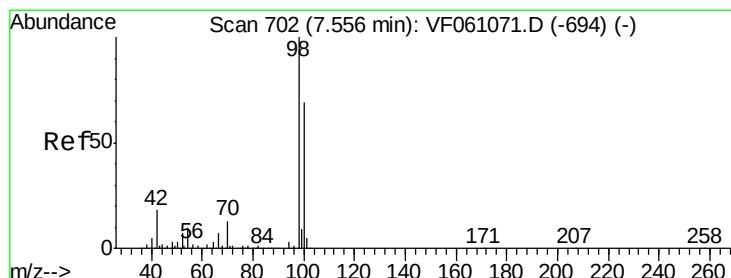
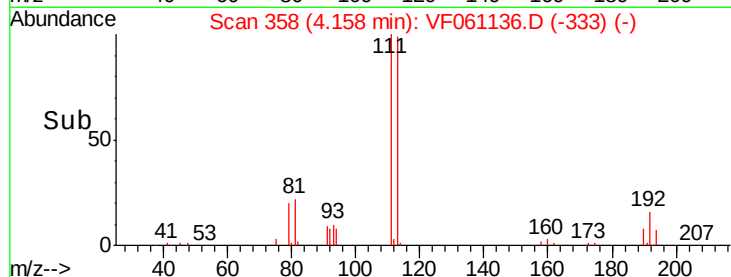
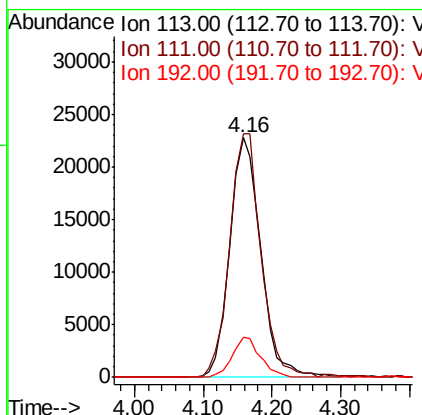
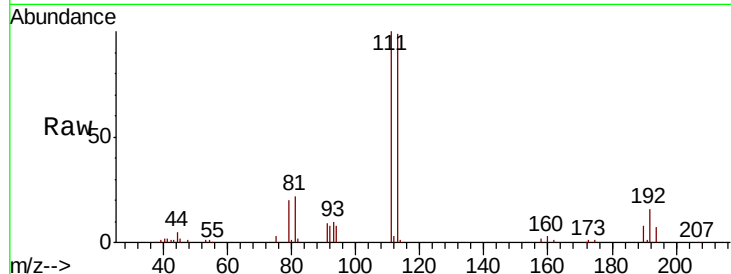
#35
Dibromofluoromethane
Concen: 32.324 ug/l
RT: 4.16 min Scan# 358
Delta R.T. 0.04 min
Lab File: VF061136.D
Acq: 21 Dec 2018 20:05

Instrument :
MSVOA_F
ClientSampleId :
P001-SD006-0612-01RE

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	85.2	127.8
192	17.0	12.8	19.2

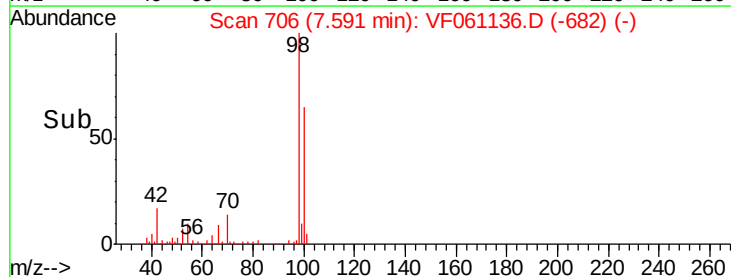
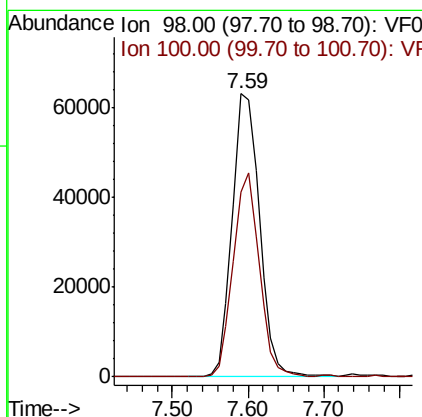
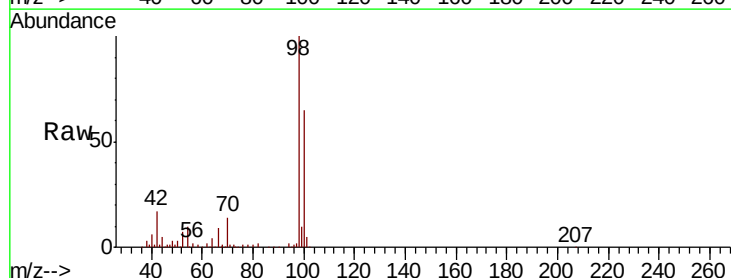
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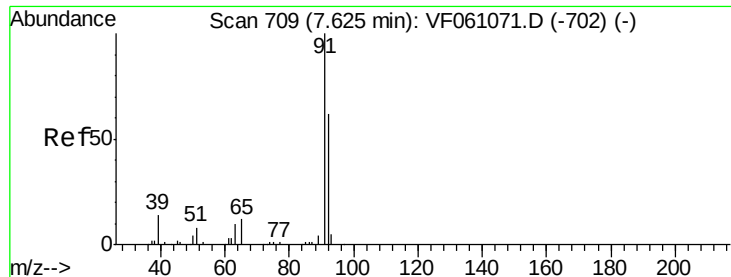
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#50
Toluene-d8
Concen: 25.424 ug/l
RT: 7.59 min Scan# 706
Delta R.T. 0.03 min
Lab File: VF061136.D
Acq: 21 Dec 2018 20:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	55.3	82.9





#52

Toluene

Concen: 1.171 ug/l

RT: 7.67 min Scan# 714

Delta R.T. 0.04 min

Lab File: VF061136.D

Acq: 21 Dec 2018 20:05

Instrument :

MSVOA_F

ClientSampleId :

P001-SD006-0612-01RE

Tgt Ion: 92 Resp: 5534

Ion Ratio Lower Upper

92 100

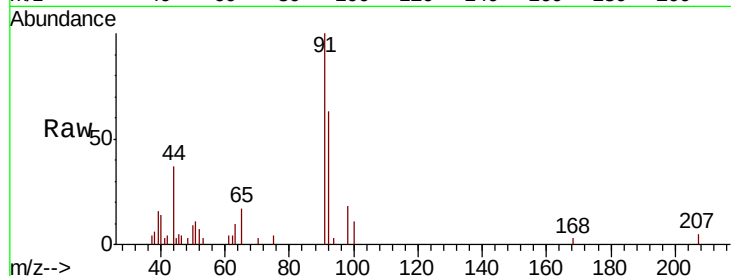
91 158.7 128.8 193.2

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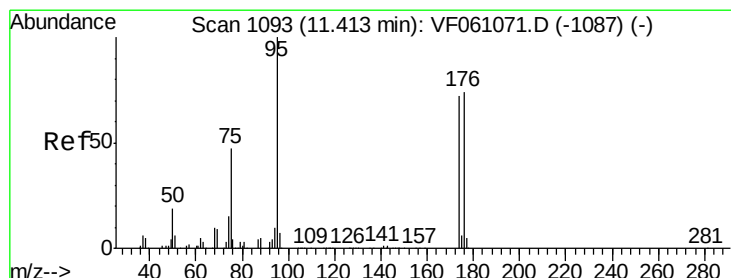
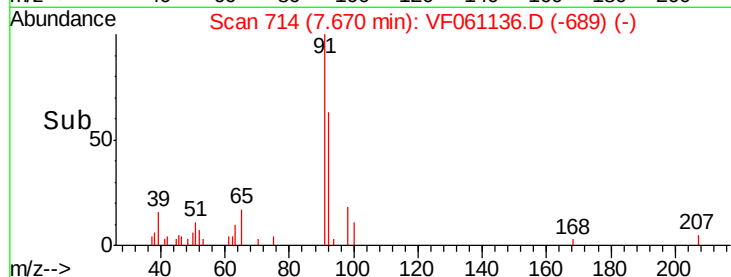
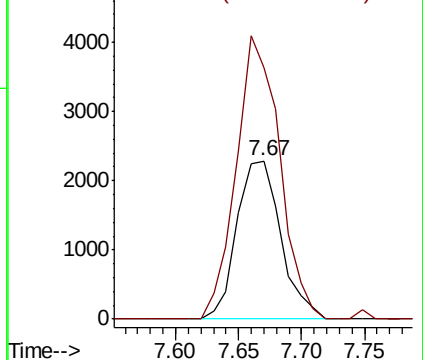
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Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 17.618 ug/l

RT: 11.45 min Scan# 1097

Delta R.T. 0.03 min

Lab File: VF061136.D

Acq: 21 Dec 2018 20:05

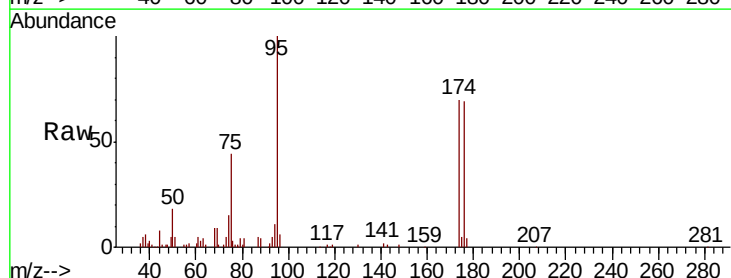
Tgt Ion: 95 Resp: 50694

Ion Ratio Lower Upper

95 100

174 70.1 0.0 143.8

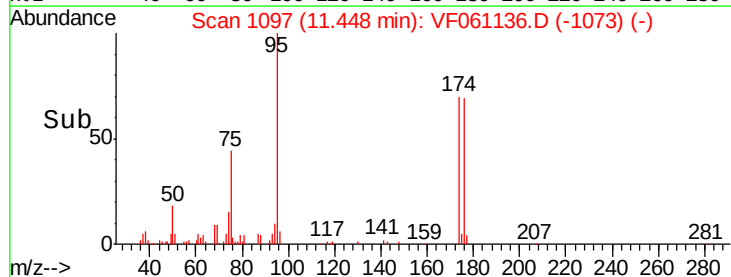
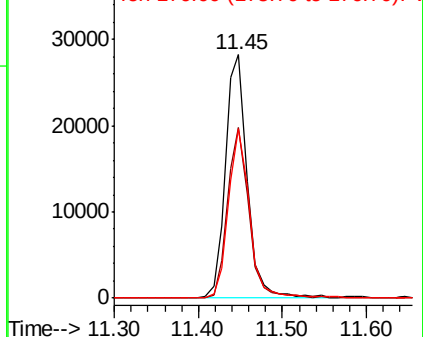
176 69.3 0.0 147.6

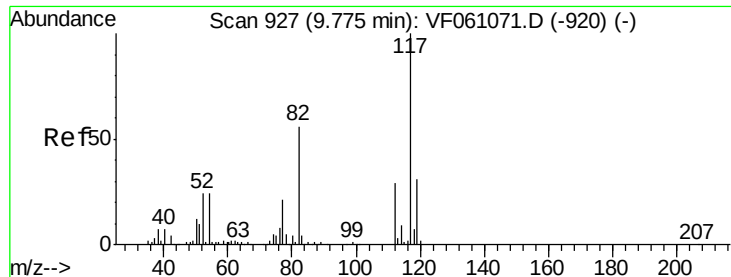


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





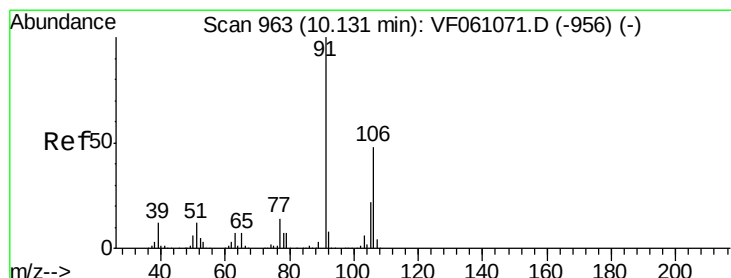
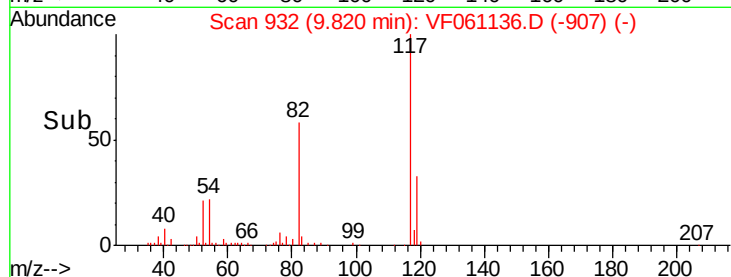
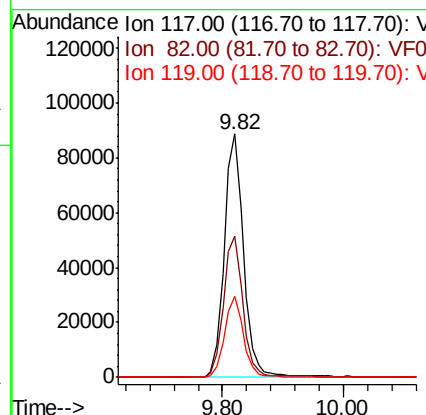
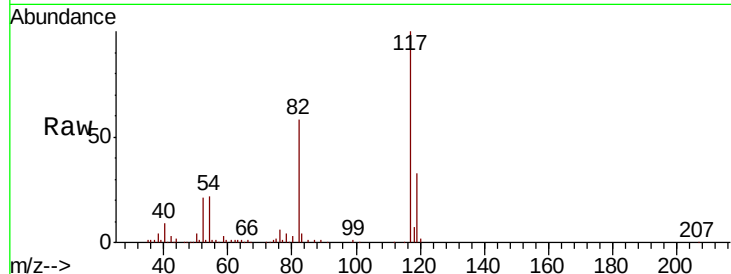
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.82 min Scan# 932
Delta R.T. 0.04 min
Lab File: VF061136.D
Acq: 21 Dec 2018 20:05

Instrument :
MSVOA_F
ClientSampleId :
P001-SD006-0612-01RE

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	197310		
82	57.9	45.0	67.4	
119	33.2	24.8	37.2	

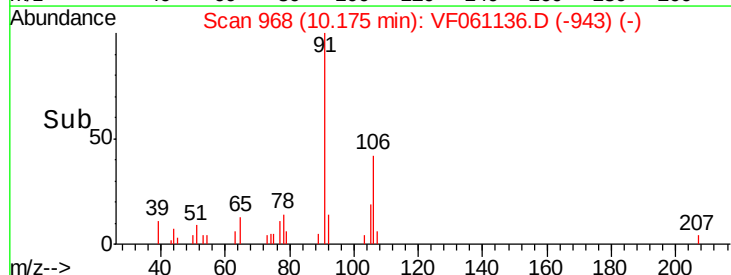
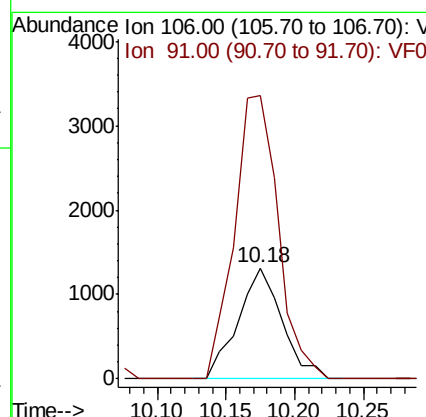
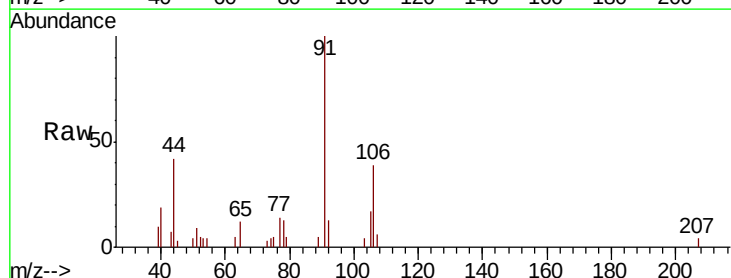
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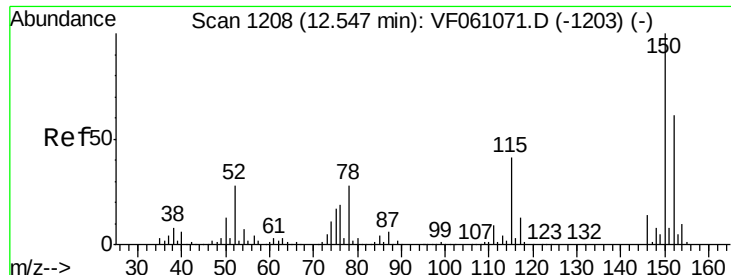
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#68
m/p-Xylenes
Concen: 1.122 ug/l
RT: 10.18 min Scan# 968
Delta R.T. 0.04 min
Lab File: VF061136.D
Acq: 21 Dec 2018 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	2931		
91	255.3	168.2	252.2	





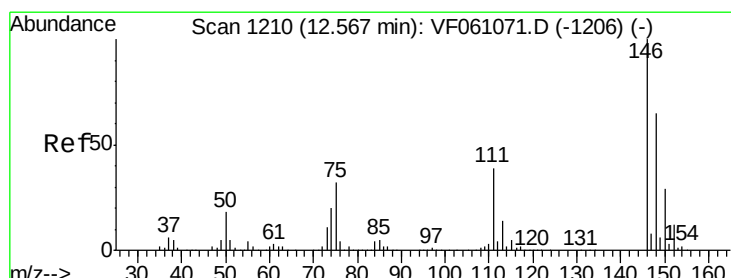
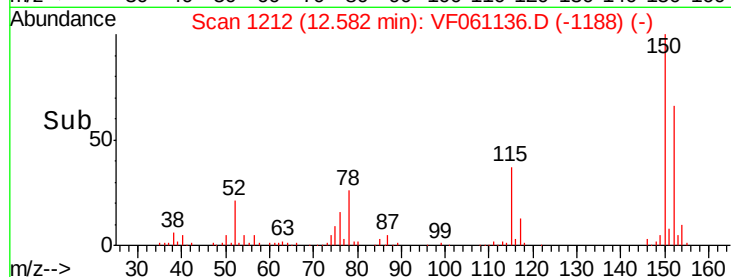
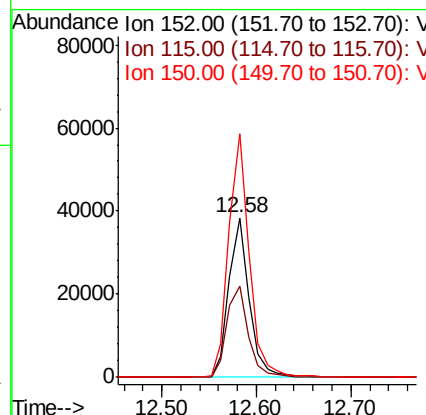
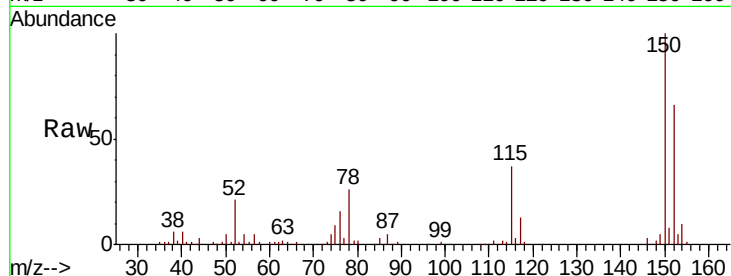
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.58 min Scan# 1212
 Delta R.T. 0.03 min
 Lab File: VF061136.D
 Acq: 21 Dec 2018 20:05

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SD006-0612-01RE

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	33.3	99.9
150	152.5	0.0	328.2

Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 2.920 ug/l
 RT: 12.59 min Scan# 1213
 Delta R.T. 0.02 min
 Lab File: VF061136.D
 Acq: 21 Dec 2018 20:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.7	19.4	58.4
148	65.5	32.4	97.0

