

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012419\
 Data File : VF061503.D
 Acq On : 24 Jan 2019 16:38
 Operator : VA/AP
 Sample : K1223-10
 Misc : 5.24g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-V

Manual Integrations
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 1/25/2019 10:26:54 AM

Quant Time: Jan 25 05:02:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.91	168	112406	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	5.64	114	199036	50.00	ug/l	0.04
63) Chlorobenzene-d5	9.81	117	107040	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	12.57	152	27200	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.89	65	96910	69.83	ug/l	0.05
Spiked Amount 50.000			Recovery	=	139.66%	
35) Dibromofluoromethane	4.15	113	102675	65.37	ug/l	0.04
Spiked Amount 50.000			Recovery	=	130.74%	
50) Toluene-d8	7.59	98	171765	39.92	ug/l	0.04
Spiked Amount 50.000			Recovery	=	79.84%	
62) 4-Bromofluorobenzene	11.44	95	47560	23.66	ug/l	0.03
Spiked Amount 50.000			Recovery	=	47.32%	
Target Compounds						
16) Acetone	2.26	43	43630	156.712	ug/l	99
18) Methyl Acetate	2.37	43	15551	28.166	ug/l	98
20) Methylene Chloride	2.28	84	7873m	6.813	ug/l	
25) 2-Butanone	4.37	43	114657	247.649	ug/l	97
86) p-Isopropyltoluene	12.48	119	11659	5.660	ug/l	96
95) Naphthalene	14.48	128	3919	3.369	ug/l #	92

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

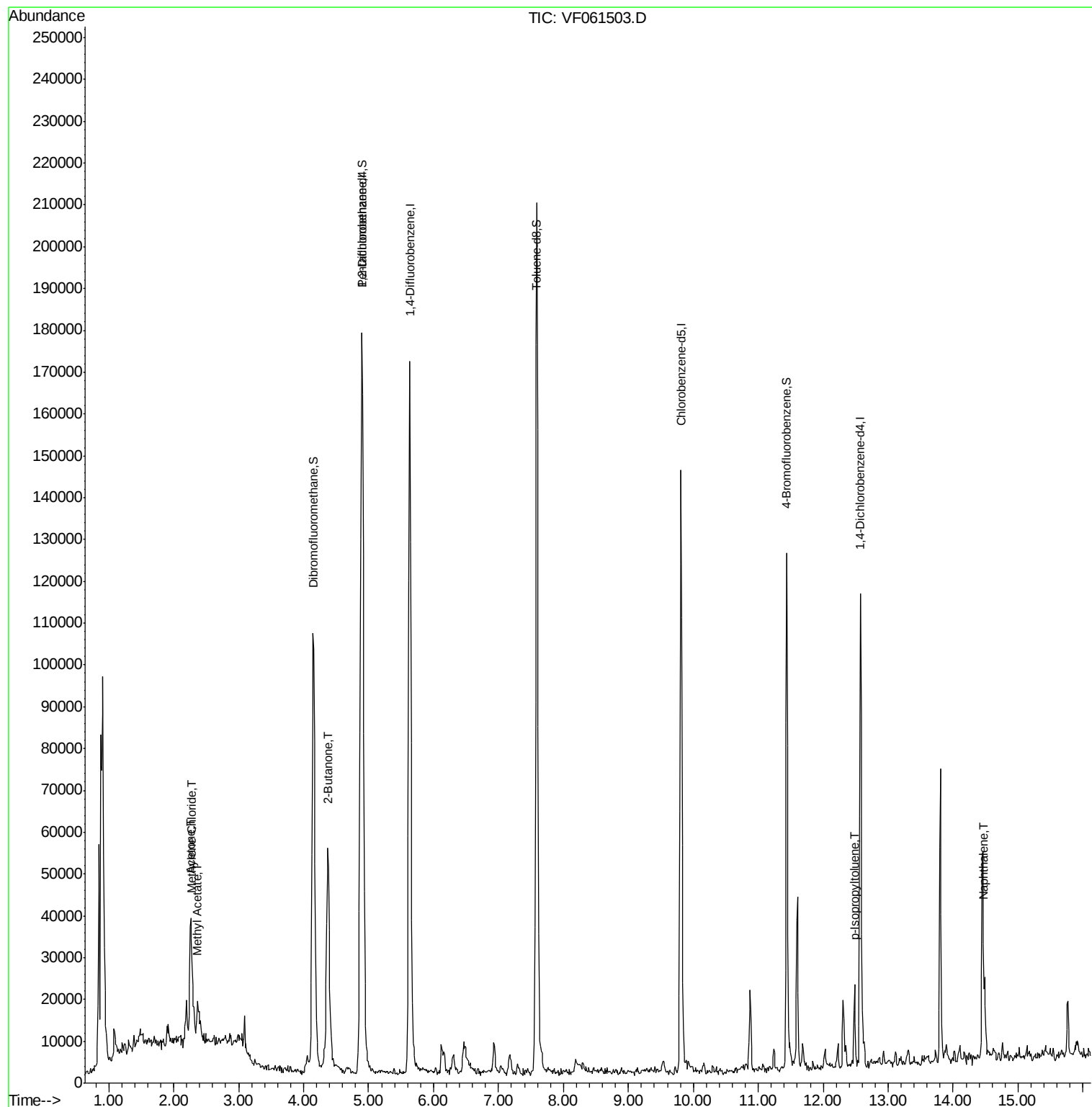
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012419\
Data File : VF061503.D
Acq On : 24 Jan 2019 16:38
Operator : VA/AP
Sample : K1223-10
Misc : 5.24g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

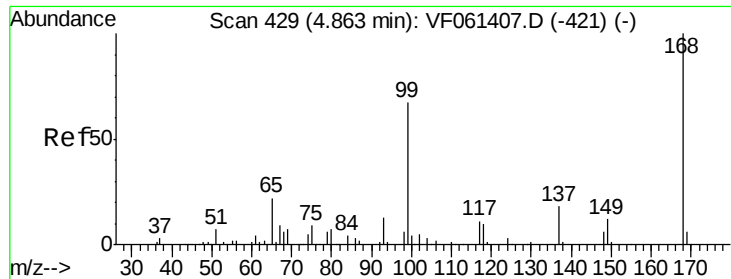
Instrument :
MSVOA_F
ClientSampleId :
TS-V

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1/25/2019 10:26:54 AM

Quant Time: Jan 25 05:02:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.91 min Scan# 434

Delta R.T. 0.04 min

Lab File: VF061503.D

Acq: 24 Jan 2019 16:38

Instrument :

MSVOA_F

ClientSampleId :

TS-V

Tot Ion:168 Resp: 112406

Ion Ratio Lower Upper

168 100

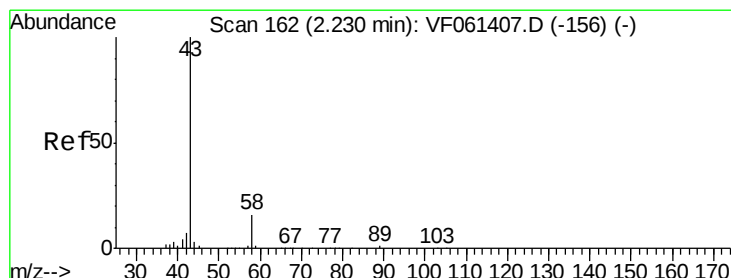
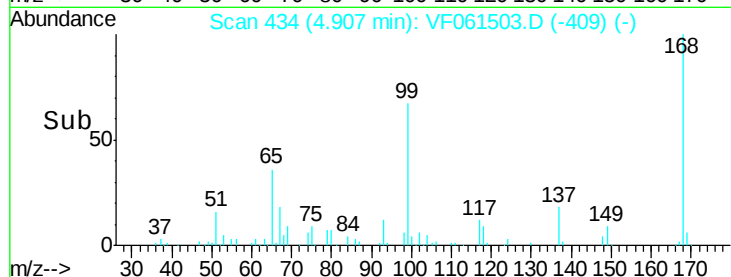
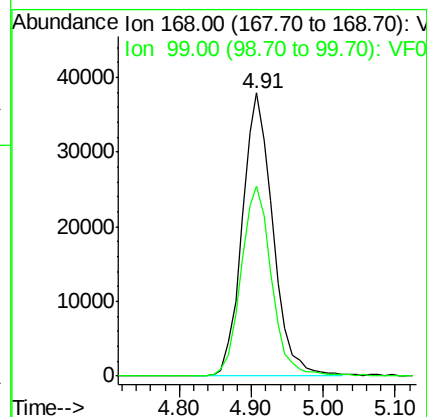
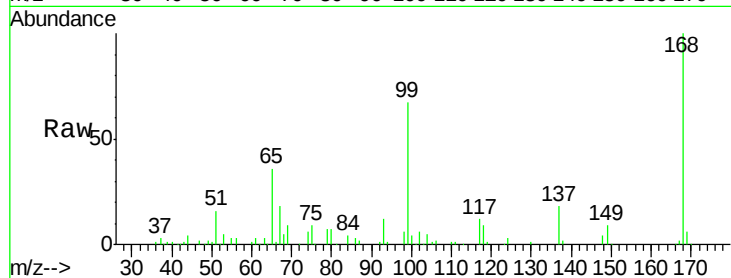
99 67.0 53.5 80.3

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#16

Acetone

Concen: 156.712 ug/l

RT: 2.26 min Scan# 166

Delta R.T. 0.03 min

Lab File: VF061503.D

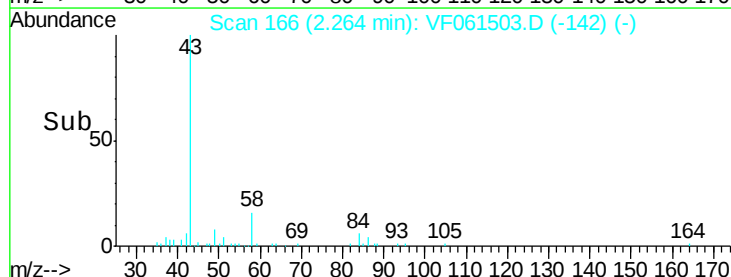
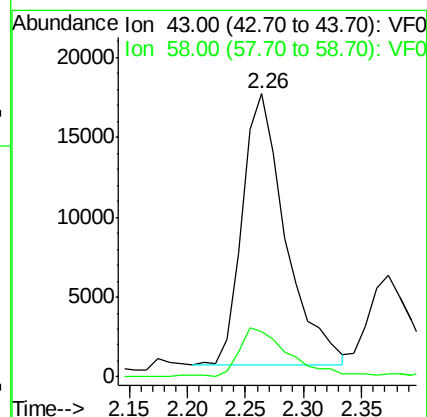
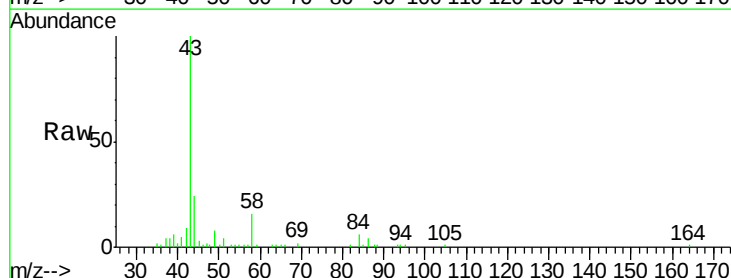
Acq: 24 Jan 2019 16:38

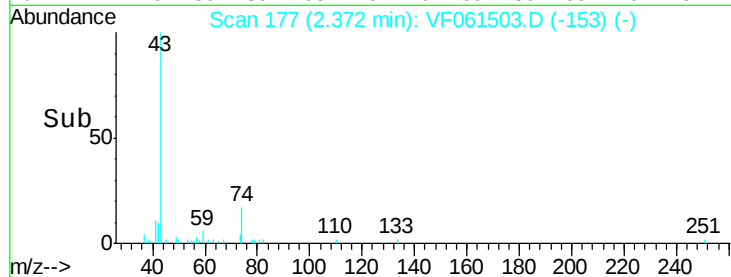
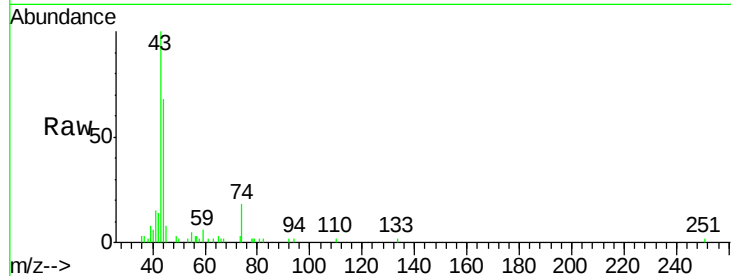
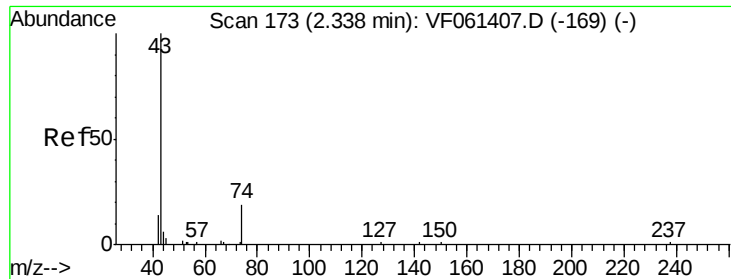
Tgt Ion: 43 Resp: 43630

Ion Ratio Lower Upper

43 100

58 16.2 13.3 19.9





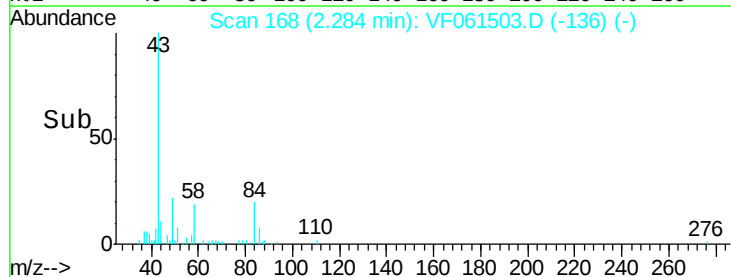
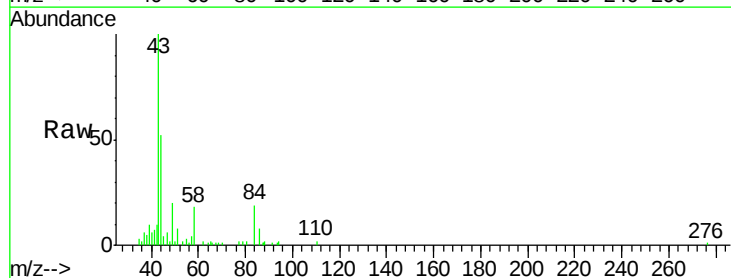
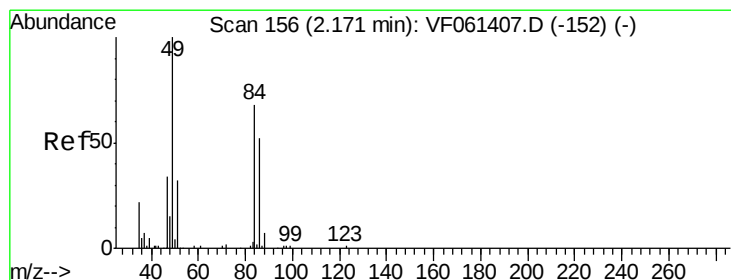
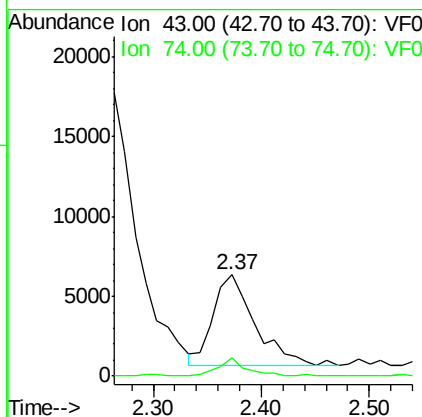
#18
Methyl Acetate
Concen: 28.166 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.03 min
Lab File: VF061503.D
Acq: 24 Jan 2019 16:38

Tot Ion	43	74	Resp	15551
Ion Ratio	100	17.7	Lower	Upper
			13.4	20.0

Instrument :
MSVOA_F
ClientSampled :
TS-V

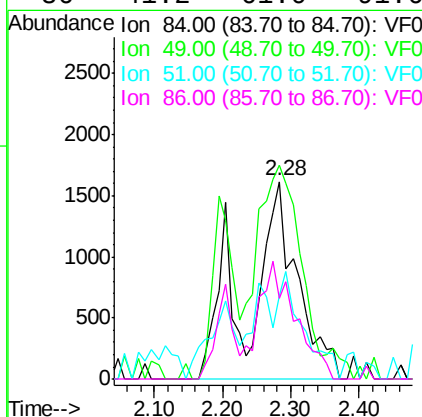
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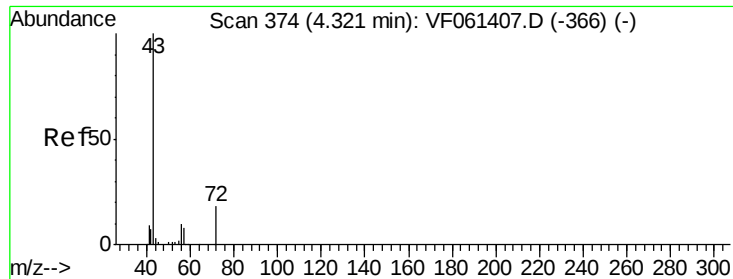
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#20
Methylene Chloride
Concen: 6.813 ug/l m
RT: 2.28 min Scan# 168
Delta R.T. 0.11 min
Lab File: VF061503.D
Acq: 24 Jan 2019 16:38

Tgt Ion	84	49	51	86	Resp	7873
Ion Ratio	100	108.2	42.0	41.2	Lower	Upper
					120.0	180.0#
					38.6	58.0
					61.0	91.6#





#25

2-Butanone

Concen: 247.649 ug/l

RT: 4.37 min Scan# 380

Delta R.T. 0.05 min

Lab File: VF061503.D

Acq: 24 Jan 2019 16:38

Instrument :

MSVOA_F

ClientSampleId :

TS-V

Tot Ion: 43 Resp: 114657

Ion Ratio Lower Upper

43 100

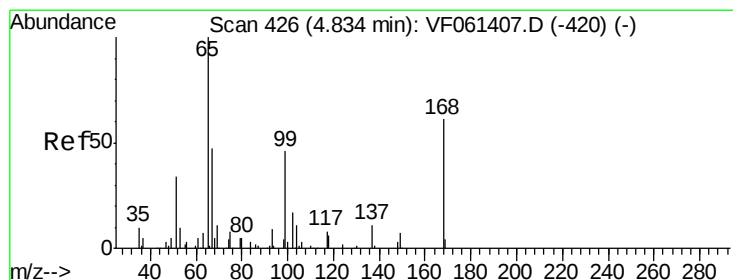
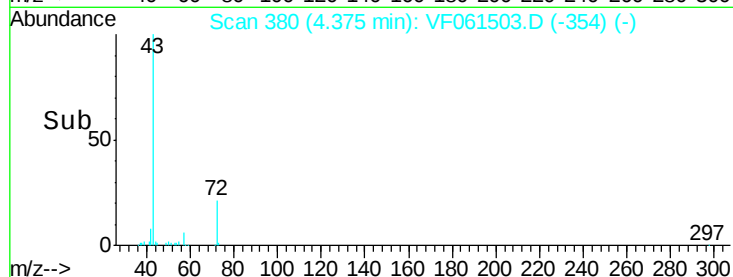
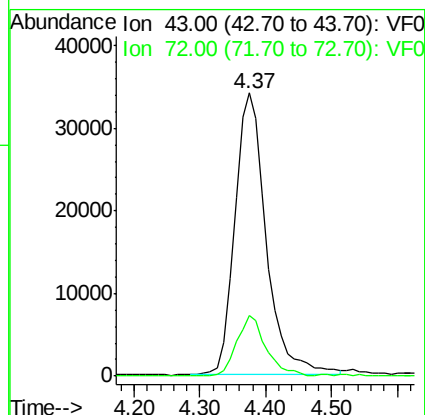
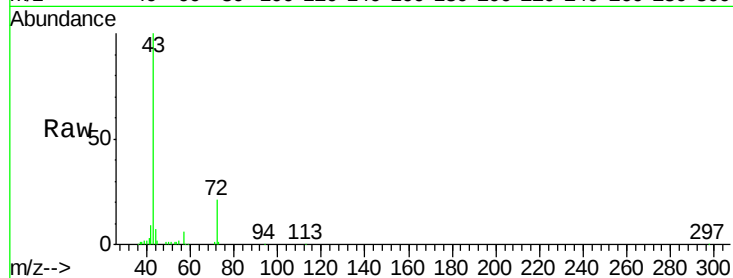
72 21.2 15.8 23.6

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#33

1,2-Dichloroethane-d4

Concen: 69.830 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.05 min

Lab File: VF061503.D

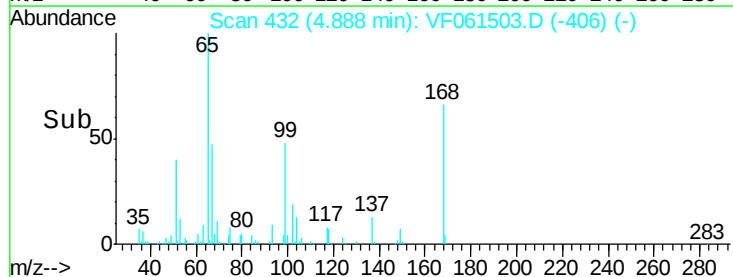
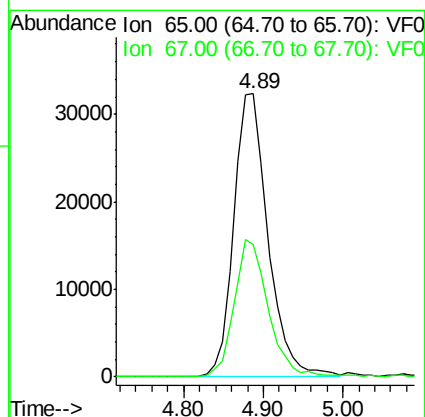
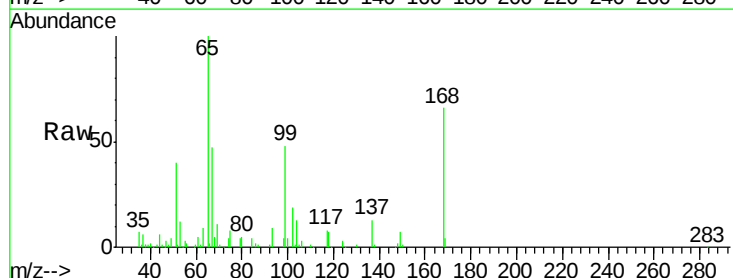
Acq: 24 Jan 2019 16:38

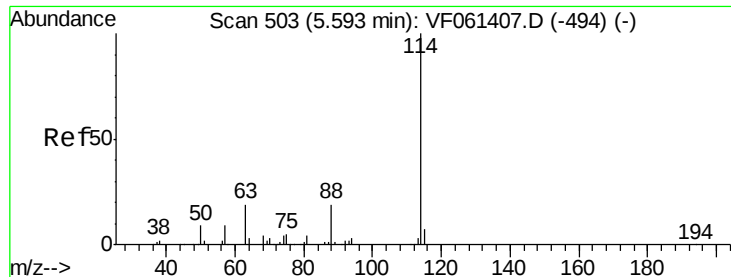
Tgt Ion: 65 Resp: 96910

Ion Ratio Lower Upper

65 100

67 46.7 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 508

Delta R.T. 0.04 min

Lab File: VF061503.D

Acq: 24 Jan 2019 16:38

Instrument :

MSVOA_F

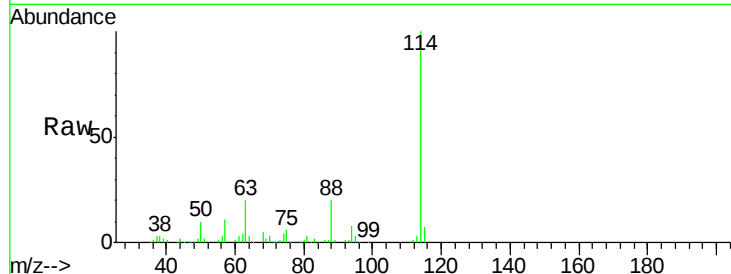
ClientSampleId :

TS-V

Tot Ion:	114	Resp:	199036
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	39.0
88	19.9	0.0	37.4

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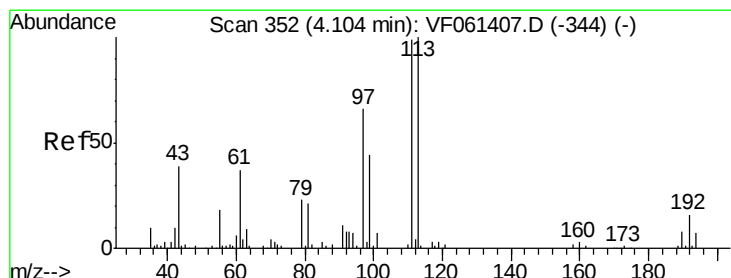
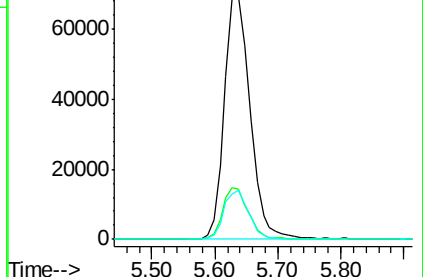
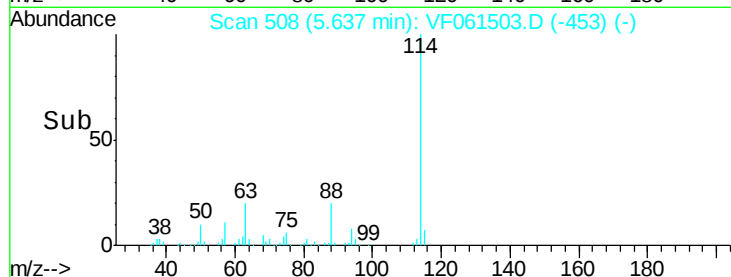
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 65.375 ug/l

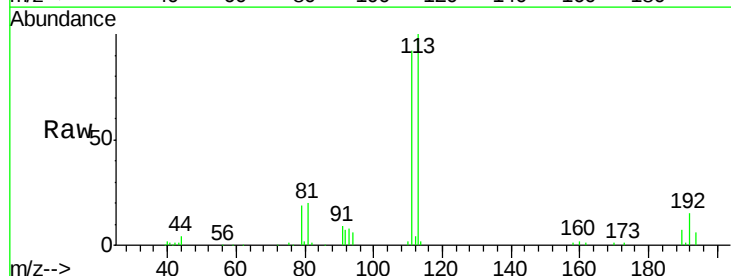
RT: 4.15 min Scan# 357

Delta R.T. 0.04 min

Lab File: VF061503.D

Acq: 24 Jan 2019 16:38

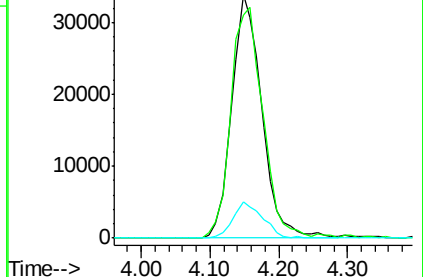
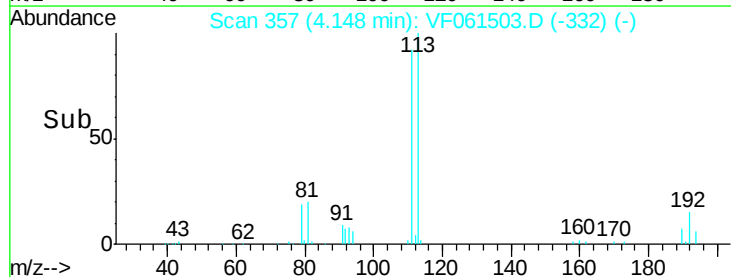
Tgt Ion:	113	Resp:	102675
Ion Ratio	Lower	Upper	
113	100		
111	91.8	79.4	119.0
192	15.0	12.4	18.6

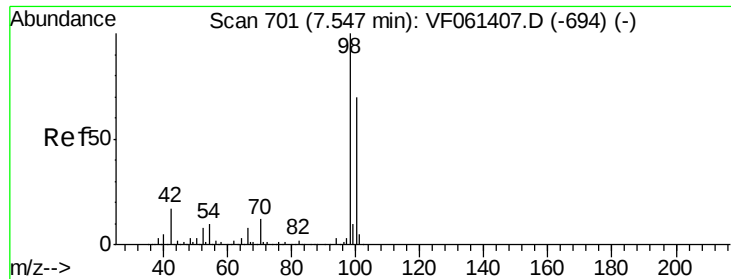


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 39.917 ug/l

RT: 7.59 min Scan# 706

Delta R.T. 0.04 min

Lab File: VF061503.D

Acq: 24 Jan 2019 16:38

Instrument :

MSVOA_F

ClientSampled :

TS-V

Tot Ion: 98 Resp: 171765

Ion Ratio Lower Upper

98 100

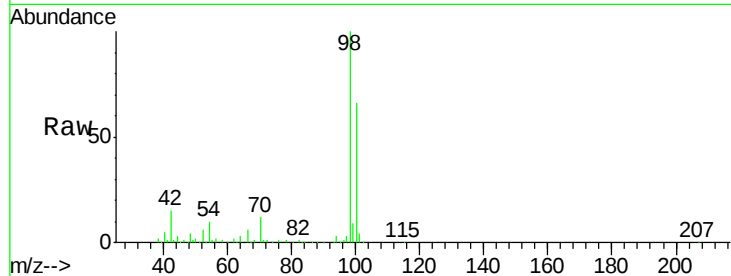
100 65.9 55.6 83.4

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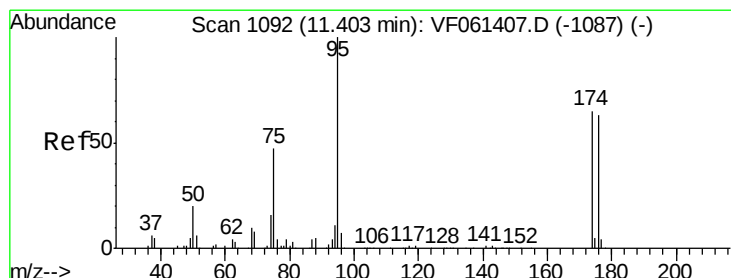
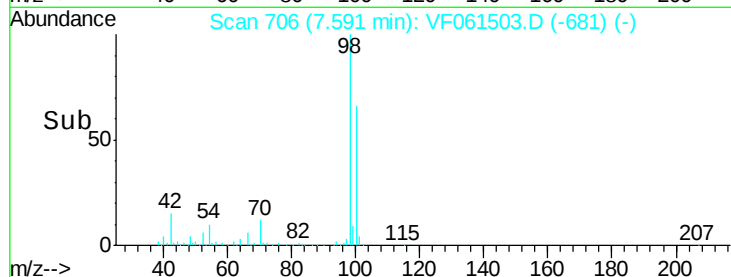
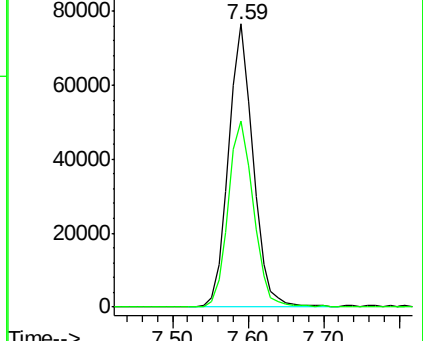
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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 23.656 ug/l

RT: 11.44 min Scan# 1096

Delta R.T. 0.03 min

Lab File: VF061503.D

Acq: 24 Jan 2019 16:38

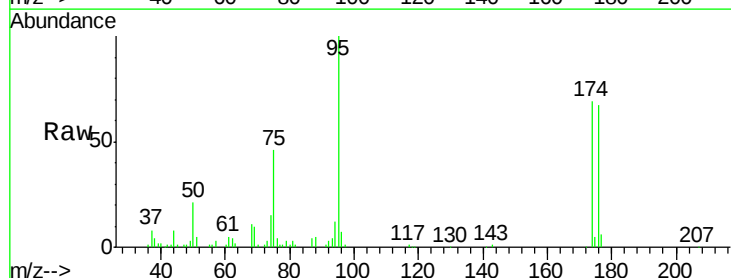
Tgt Ion: 95 Resp: 47560

Ion Ratio Lower Upper

95 100

174 68.8 0.0 130.4

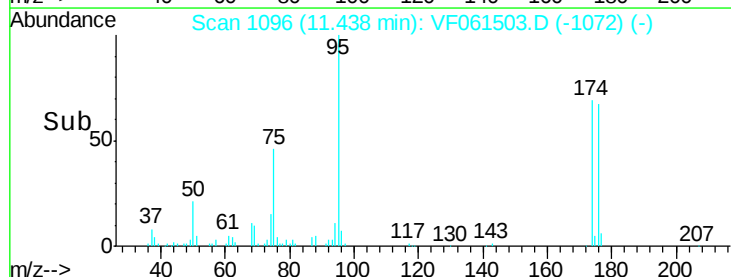
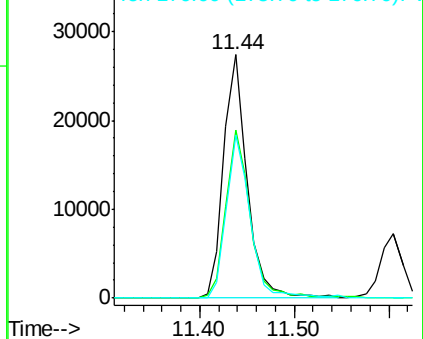
176 66.8 0.0 126.2

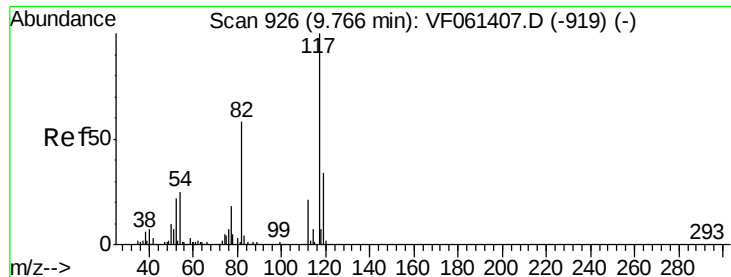


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





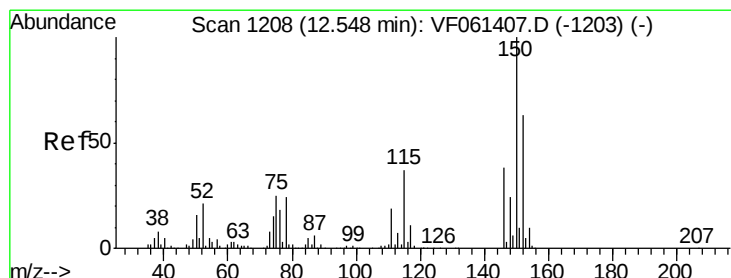
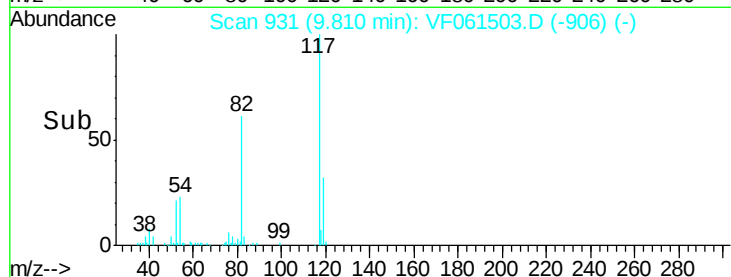
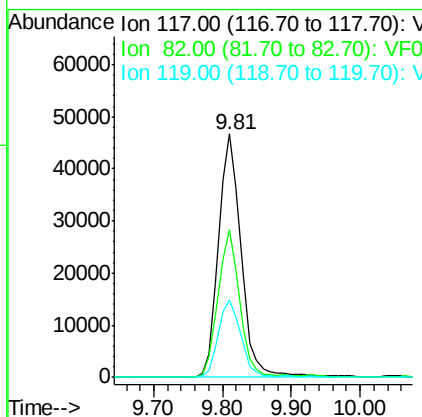
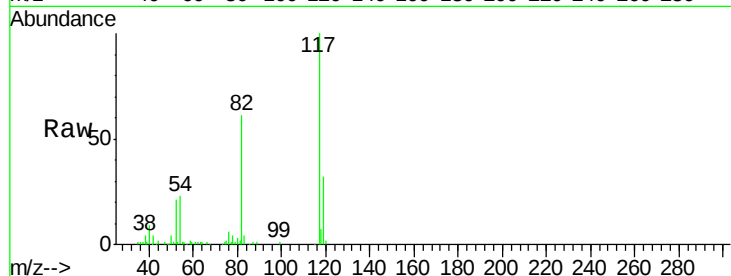
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.81 min Scan# 931
Delta R.T. 0.04 min
Lab File: VF061503.D
Acq: 24 Jan 2019 16:38

Instrument :
MSVOA_F
ClientSampleId :
TS-V

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	46.4	69.6
119	31.6	27.2	40.8

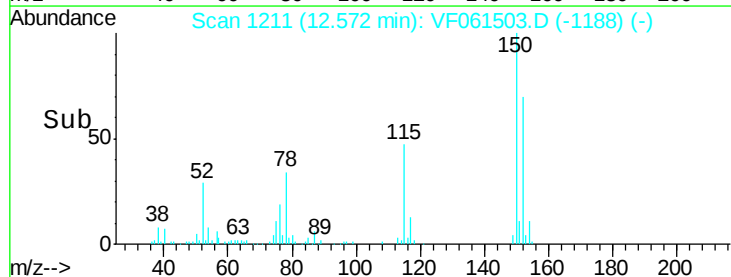
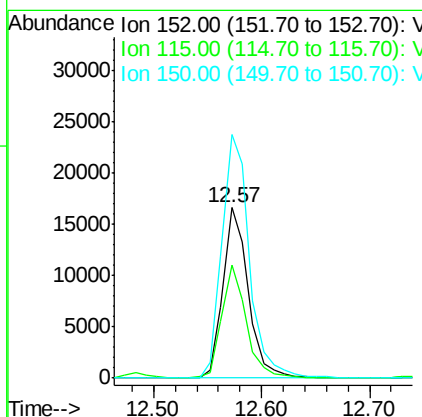
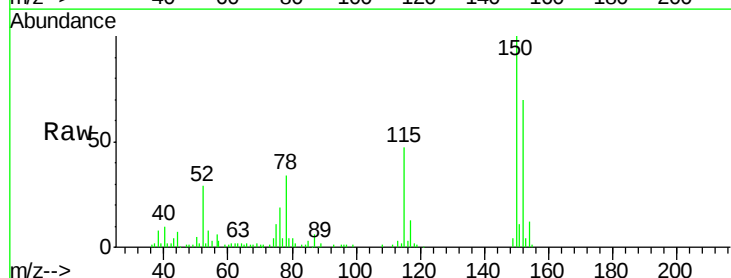
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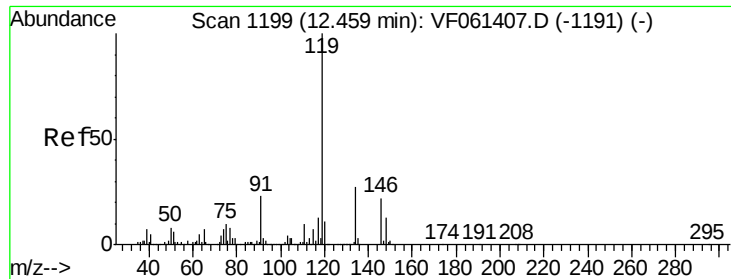
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. 0.02 min
Lab File: VF061503.D
Acq: 24 Jan 2019 16:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.6	30.0	90.0
150	143.1	0.0	321.4





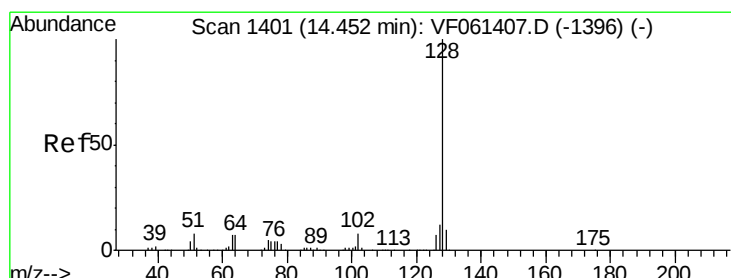
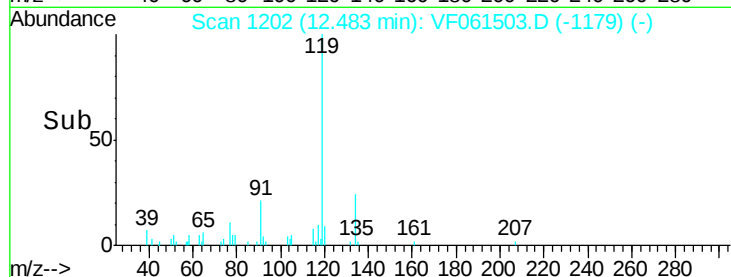
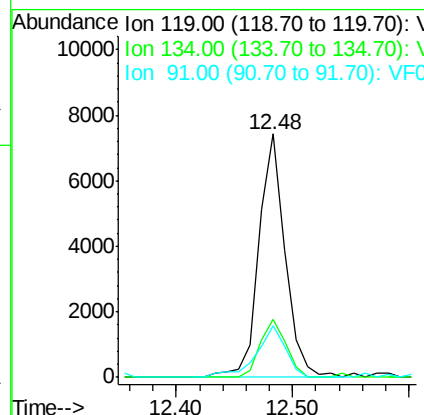
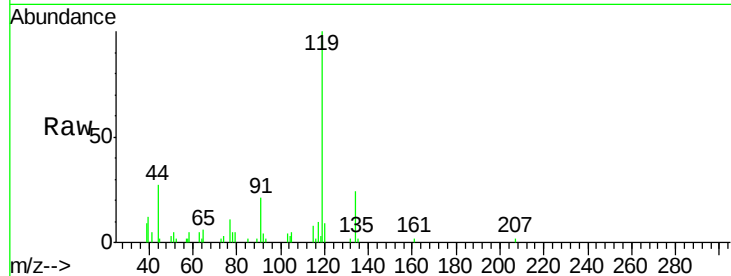
#86
p-Isopropyltoluene
Concen: 5.660 ug/l
RT: 12.48 min Scan# 1202
Delta R.T. 0.02 min
Lab File: VF061503.D
Acq: 24 Jan 2019 16:38

Instrument :
MSVOA_F
ClientSampled :
TS-V

Tot Ion	Ratio	Resp Lower	Upper
119	100		
134	24.1	13.4	40.2
91	21.4	11.4	34.2

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#95
Naphthalene
Concen: 3.369 ug/l
RT: 14.48 min Scan# 1404
Delta R.T. 0.02 min
Lab File: VF061503.D
Acq: 24 Jan 2019 16:38

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
127	15.5	9.5	14.3#
129	8.3	8.4	12.6#

