

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012419\
 Data File : VF061502.D
 Acq On : 24 Jan 2019 16:09
 Operator : VA/AP
 Sample : K1223-09
 Misc : 5.36g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-U

Manual Integrations
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 1/25/2019 10:26:49 AM

Quant Time: Jan 25 04:59:49 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	4.90	168	101735	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	5.63	114	178136	50.00	ug/l	0.04
63) Chlorobenzene-d5	9.81	117	90385	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	12.58	152	27924	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	65032	51.77	ug/l	0.04
Spiked Amount 50.000			Recovery	=	103.54%	
35) Dibromofluoromethane	4.14	113	66307	47.17	ug/l	0.04
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	7.59	98	101144	26.26	ug/l	0.04
Spiked Amount 50.000			Recovery	=	52.52%	
62) 4-Bromofluorobenzene	11.43	95	37838	21.03	ug/l	0.03
Spiked Amount 50.000			Recovery	=	42.06%	
Target Compounds						
16) Acetone	2.26	43	55791	221.412	ug/l	97
18) Methyl Acetate	2.37	43	13821	27.658	ug/l	93
20) Methylene Chloride	2.20	84	5326m	4.632	ug/l	
25) 2-Butanone	4.37	43	96165	229.495	ug/l	98
86) p-Isopropyltoluene	12.48	119	5977	2.826	ug/l	94

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

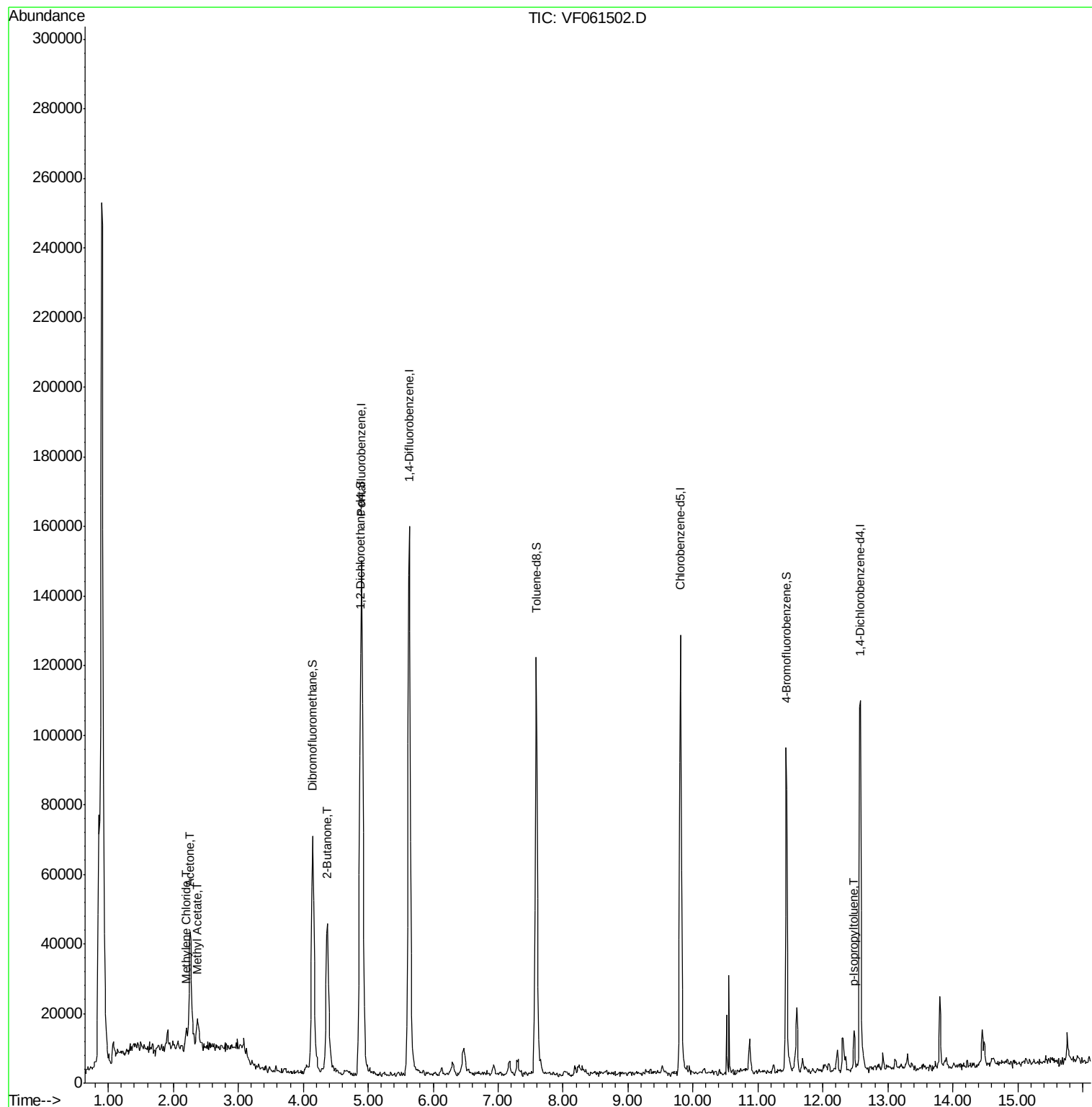
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012419\
Data File : VF061502.D
Acq On : 24 Jan 2019 16:09
Operator : VA/AP
Sample : K1223-09
Misc : 5.36g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

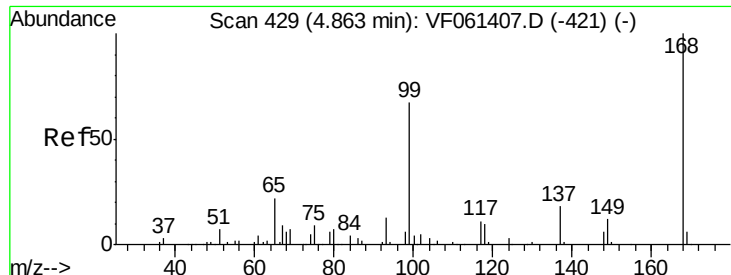
Instrument :
MSVOA_F
ClientSampleId :
TS-U

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1/25/2019 10:26:49 AM

Quant Time: Jan 25 04:59:49 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: 4.90 min Scan# 433

Delta R.T. 0.04 min

Lab File: VF061502.D

Acq: 24 Jan 2019 16:09

Instrument :

MSVOA_F

ClientSampleId :

TS-U

Tot Ion:168 Resp: 101735

Ion Ratio Lower Upper

168 100

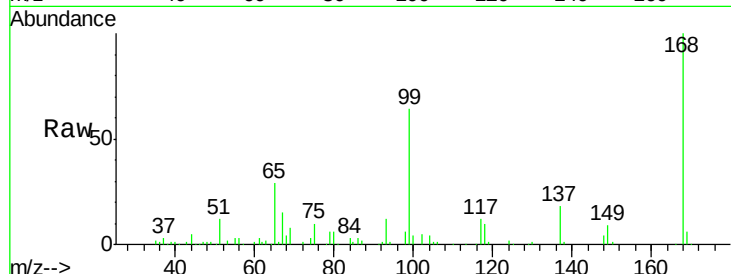
99 63.7 53.5 80.3

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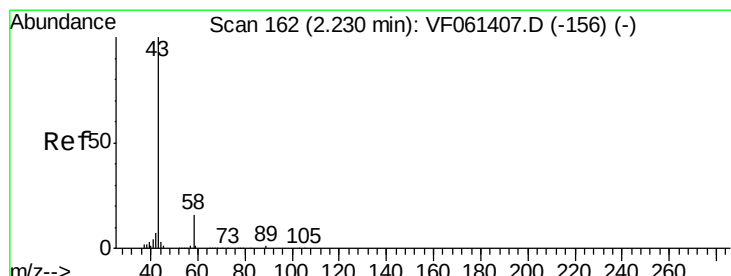
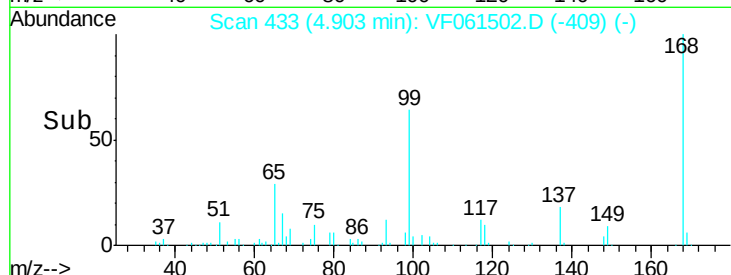


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.90

Time-->



#16

Acetone

Concen: 221.412 ug/l

RT: 2.26 min Scan# 165

Delta R.T. 0.03 min

Lab File: VF061502.D

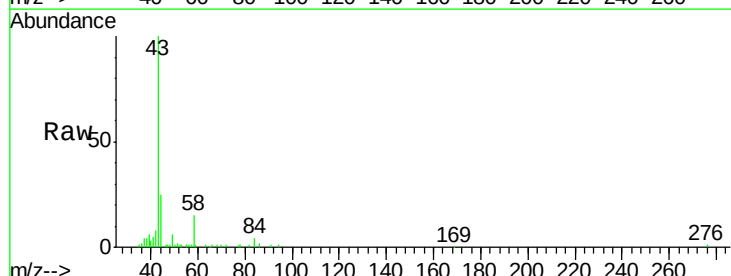
Acq: 24 Jan 2019 16:09

Tgt Ion: 43 Resp: 55791

Ion Ratio Lower Upper

43 100

58 15.5 13.3 19.9

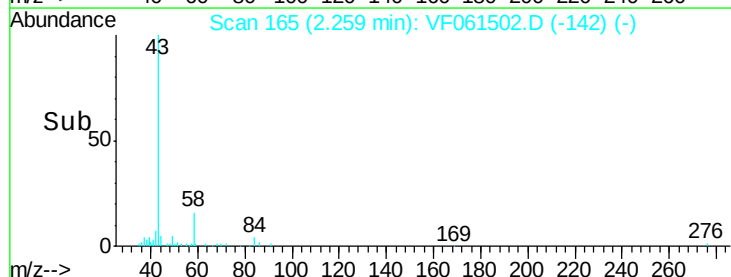


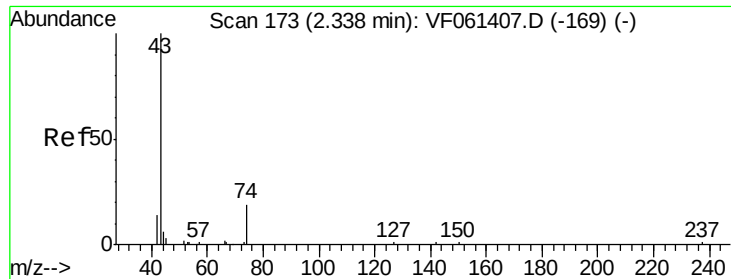
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.26

Time-->





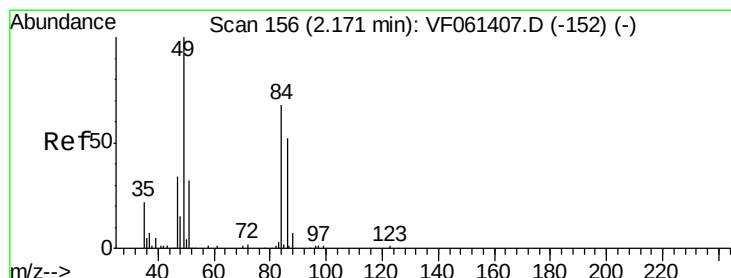
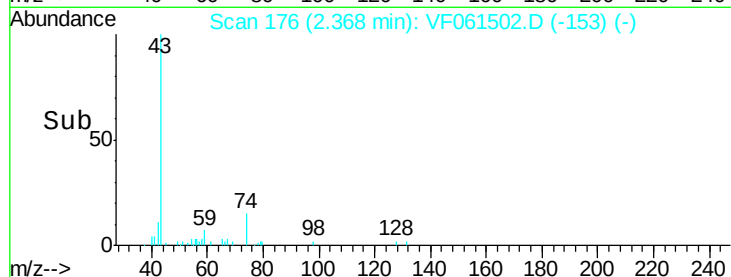
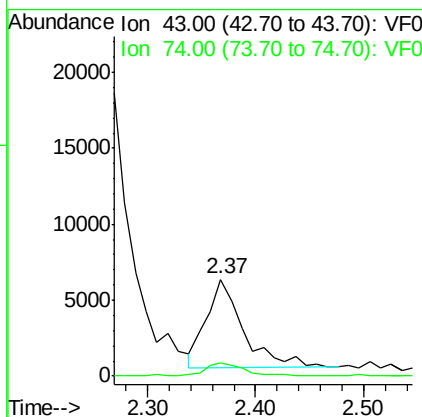
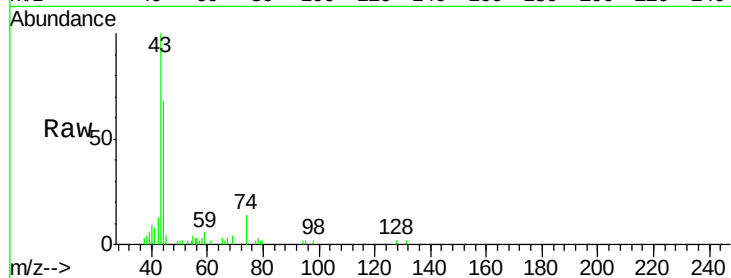
#18
Methyl Acetate
Concen: 27.658 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.03 min
Lab File: VF061502.D
Acq: 24 Jan 2019 16:09

Instrument :
MSVOA_F
ClientSampled :
TS-U

Tot Ion: 43 Resp: 13821
Ion Ratio Lower Upper
43 100
74 13.8 13.4 20.0

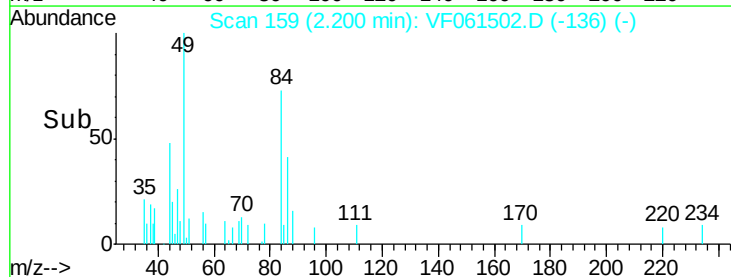
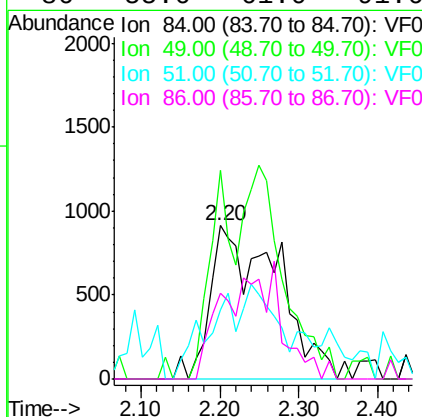
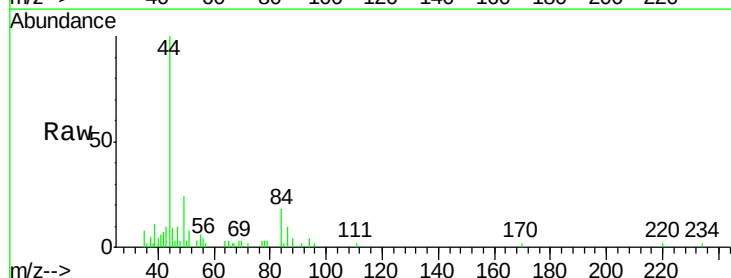
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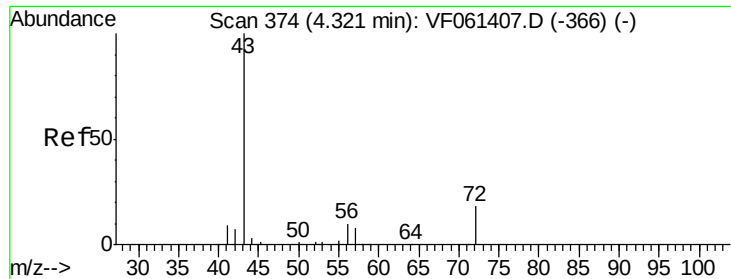
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#20
Methylene Chloride
Concen: 4.632 ug/l m
RT: 2.20 min Scan# 159
Delta R.T. 0.03 min
Lab File: VF061502.D
Acq: 24 Jan 2019 16:09

Tgt Ion: 84 Resp: 5326
Ion Ratio Lower Upper
84 100
49 136.4 120.0 180.0
51 45.1 38.6 58.0
86 55.6 61.0 91.6#





#25

2-Butanone

Concen: 229.495 ug/l

RT: 4.37 min Scan# 379

Delta R.T. 0.05 min

Lab File: VF061502.D

Acq: 24 Jan 2019 16:09

Instrument :

MSVOA_F

ClientSampleId :

TS-U

Tot Ion: 43 Resp: 96165

Ion Ratio Lower Upper

43 100

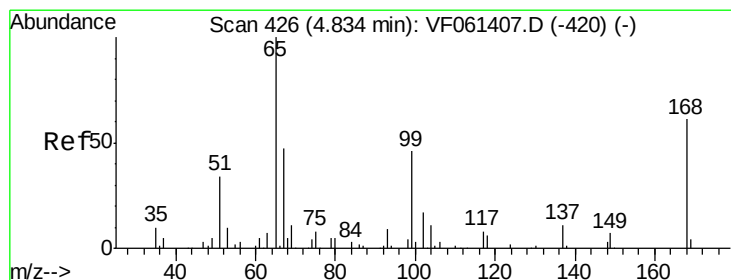
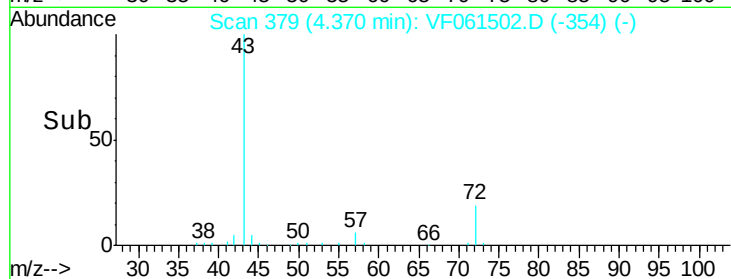
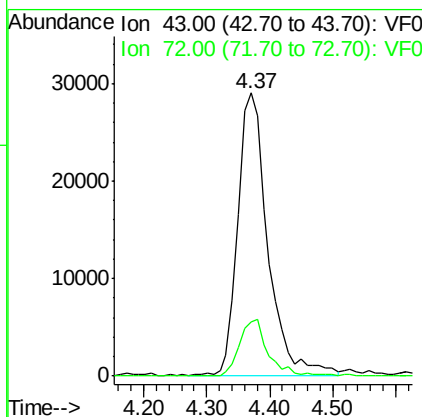
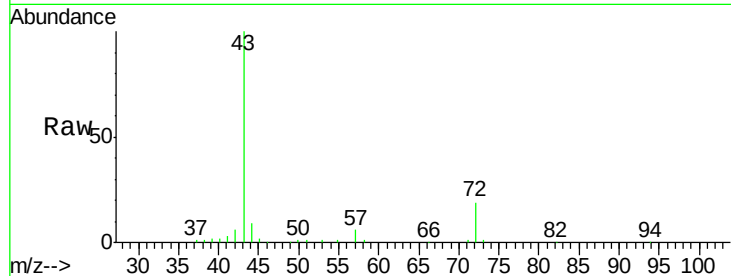
72 19.0 15.8 23.6

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1/25/2019 10:26:49 AM



#33

1,2-Dichloroethane-d4

Concen: 51.775 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.04 min

Lab File: VF061502.D

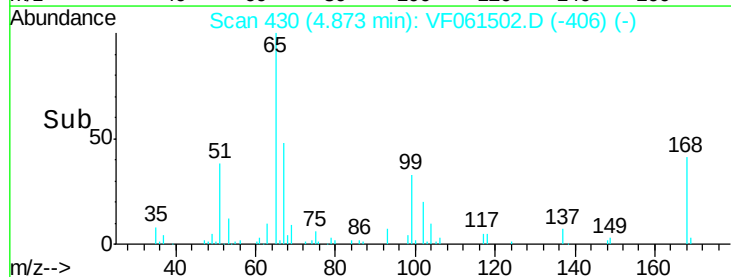
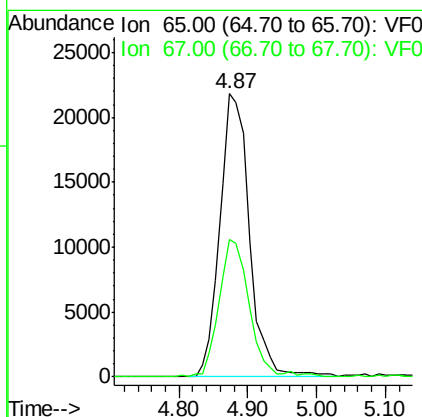
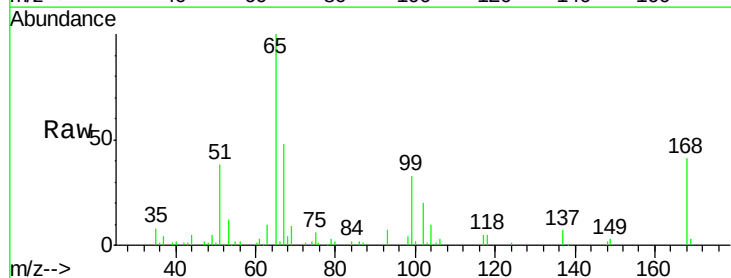
Acq: 24 Jan 2019 16:09

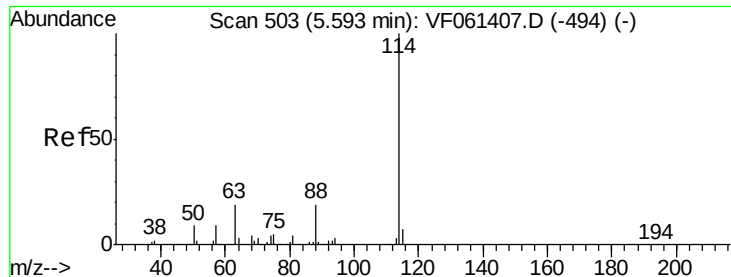
Tgt Ion: 65 Resp: 65032

Ion Ratio Lower Upper

65 100

67 48.4 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 507

Delta R.T. 0.04 min

Lab File: VF061502.D

Acq: 24 Jan 2019 16:09

Instrument :

MSVOA_F

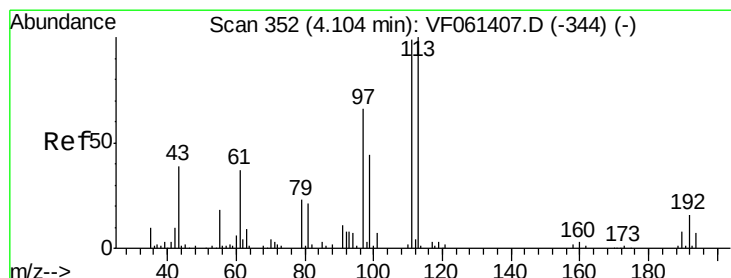
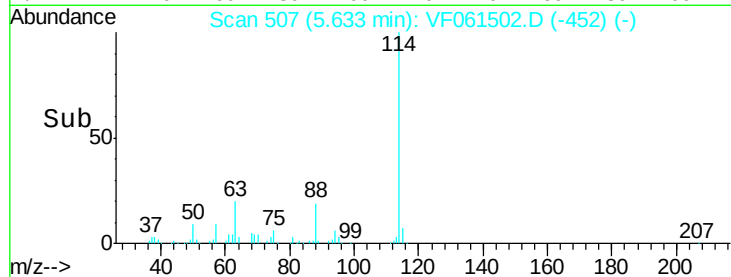
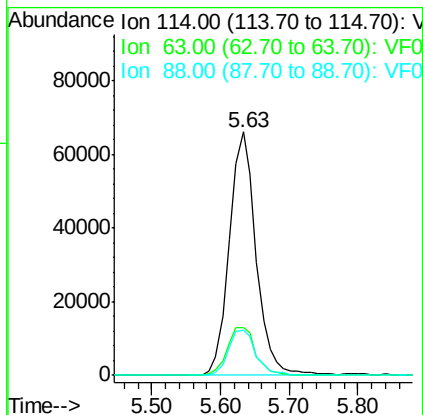
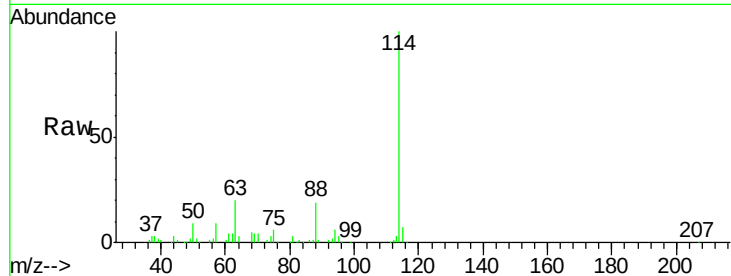
ClientSampleId :

TS-U

Tot Ion:	114	Resp:	178136
Ion Ratio		Lower	Upper
114	100		
63	19.9	0.0	39.0
88	18.7	0.0	37.4

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#35

Dibromofluoromethane

Concen: 47.172 ug/l

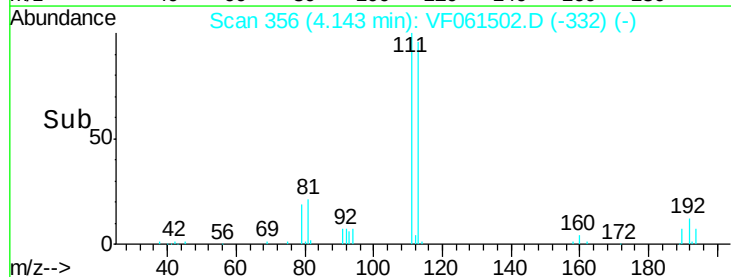
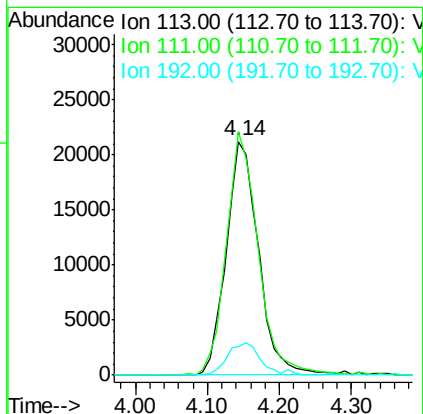
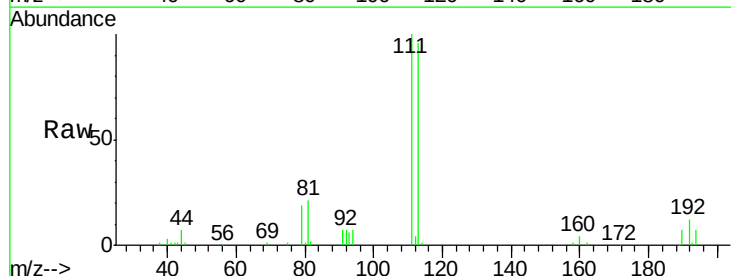
RT: 4.14 min Scan# 356

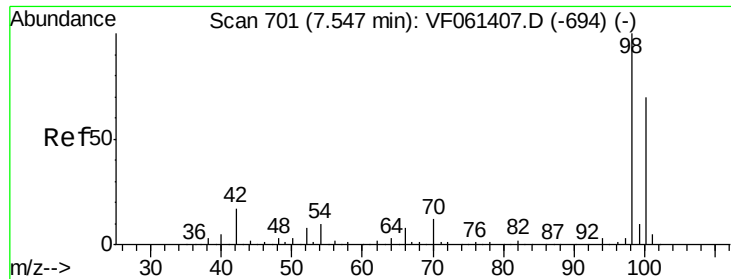
Delta R.T. 0.04 min

Lab File: VF061502.D

Acq: 24 Jan 2019 16:09

Tgt Ion:	113	Resp:	66307
Ion Ratio		Lower	Upper
113	100		
111	104.3	79.4	119.0
192	12.3	12.4	18.6#





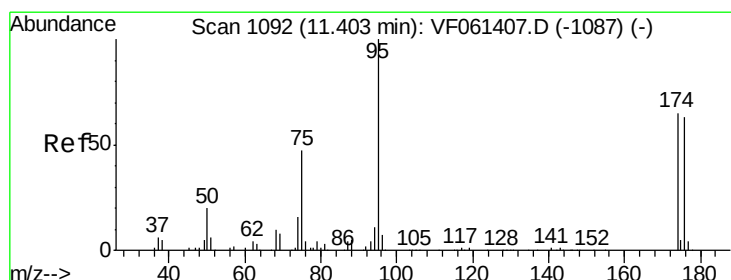
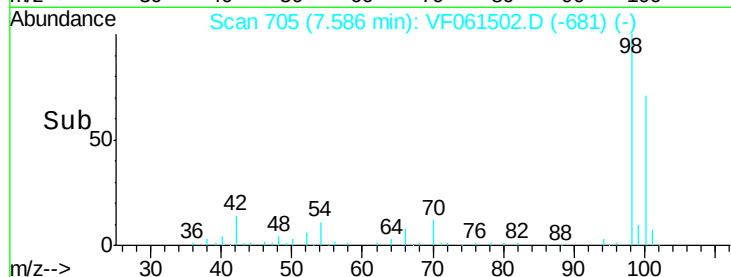
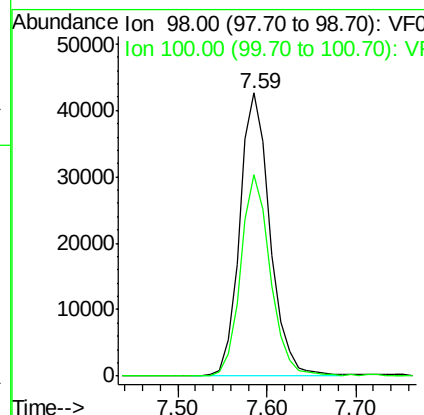
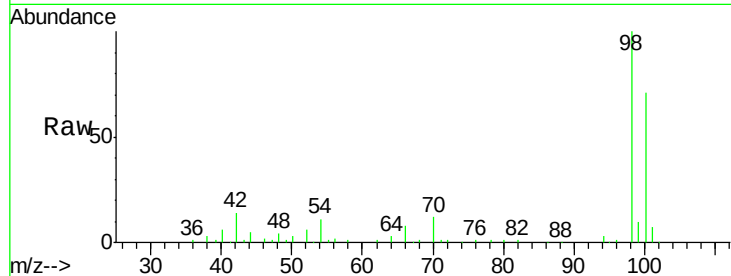
#50
Toluene-d8
Concen: 26.263 ug/l
RT: 7.59 min Scan# 705
Delta R.T. 0.04 min
Lab File: VF061502.D
Acq: 24 Jan 2019 16:09

Instrument :
MSVOA_F
ClientSampleId :
TS-U

Tot Ion: 98 Resp: 101144
Ion Ratio Lower Upper
98 100
100 71.4 55.6 83.4

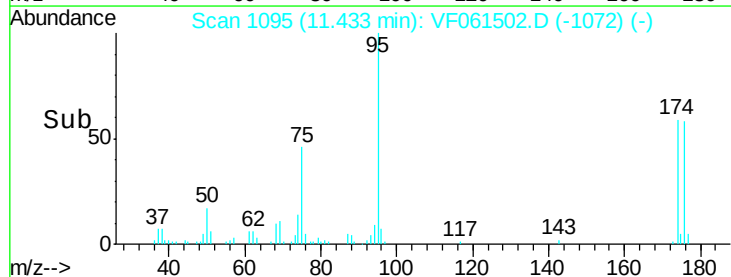
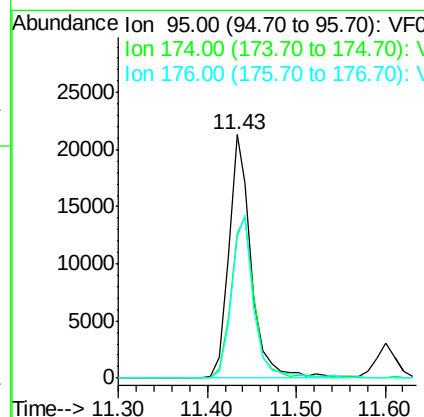
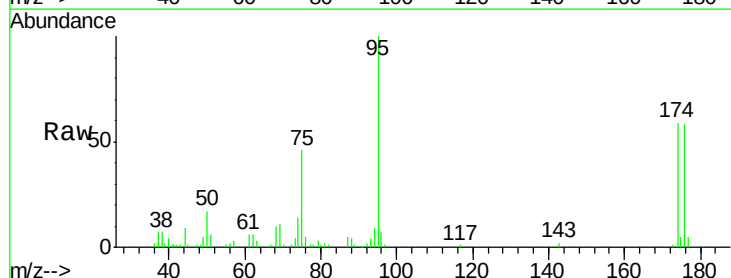
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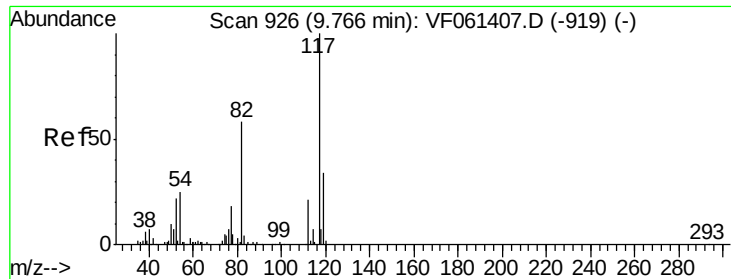
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1/25/2019 10:26:49 AM



#62
4-Bromofluorobenzene
Concen: 21.028 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.03 min
Lab File: VF061502.D
Acq: 24 Jan 2019 16:09

Tgt Ion: 95 Resp: 37838
Ion Ratio Lower Upper
95 100
174 59.3 0.0 130.4
176 58.2 0.0 126.2





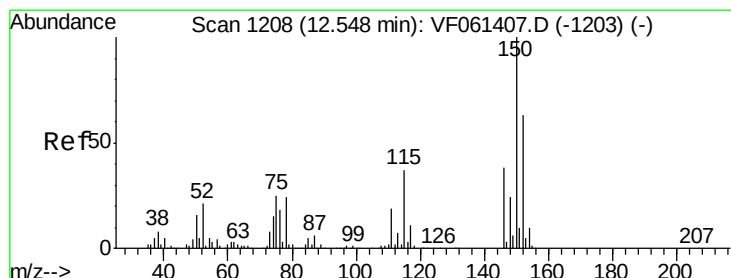
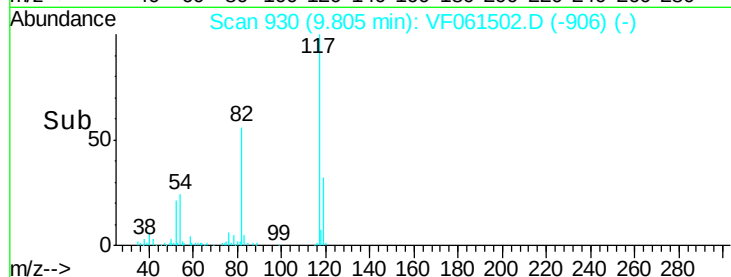
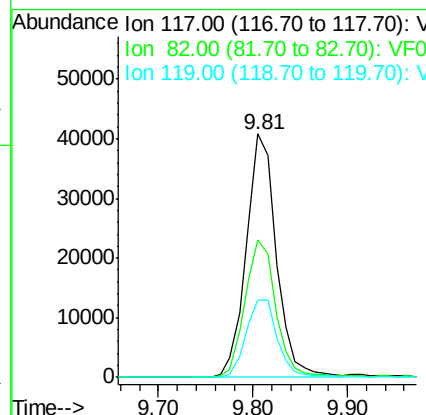
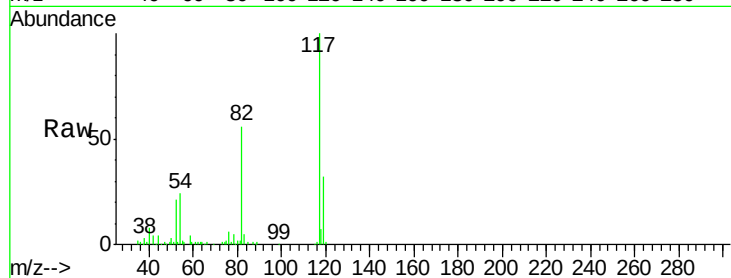
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.81 min Scan# 930
Delta R.T. 0.04 min
Lab File: VF061502.D
Acq: 24 Jan 2019 16:09

Instrument :
MSVOA_F
ClientSampled :
TS-U

Tot Ion	Ratio	Resp	Lower	Upper
117	100	90385		
82	56.5		46.4	69.6
119	31.5		27.2	40.8

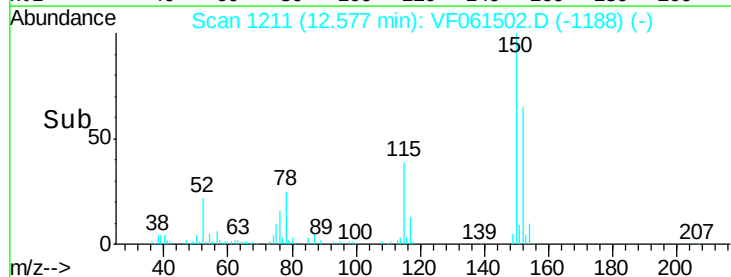
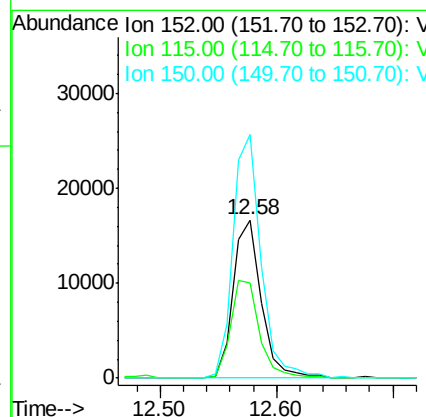
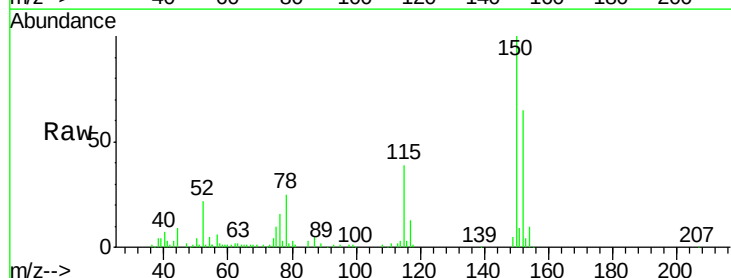
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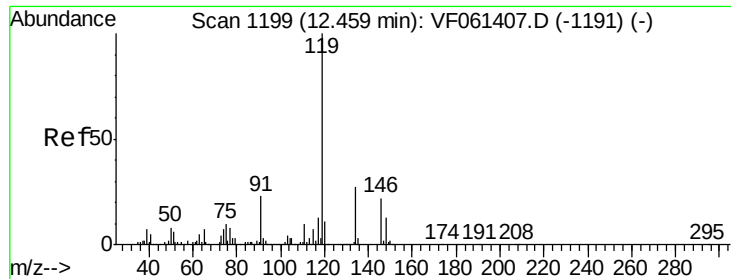
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.58 min Scan# 1211
Delta R.T. 0.03 min
Lab File: VF061502.D
Acq: 24 Jan 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	27924		
115	60.6		30.0	90.0
150	154.0		0.0	321.4





#86
 p-Isopropyltoluene
 Concen: 2.826 ug/l
 RT: 12.48 min Scan# 1201
 Delta R.T. 0.02 min
 Lab File: VF061502.D
 Acq: 24 Jan 2019 16:09

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-U

Tot Ion:	119	Resp:	5977
Ion Ratio	Lower	Upper	
119	100		
134	25.8	13.4	40.2
91	27.5	11.4	34.2

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 1/25/2019 10:26:49 AM

