

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012419\
 Data File : VF061510.D
 Acq On : 24 Jan 2019 19:59
 Operator : VA/AP
 Sample : K1223-07RE
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-SRE

Manual Integrations
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Quant Time: Jan 25 05:49:33 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	158429	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	5.62	114	297309	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.79	117	176454	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.57	152	41616	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	84562	43.23	ug/l	0.04
Spiked Amount 50.000			Recovery	=	86.46%	
35) Dibromofluoromethane	4.14	113	93855	40.01	ug/l	0.04
Spiked Amount 50.000			Recovery	=	80.02%	
50) Toluene-d8	7.57	98	185337	28.83	ug/l	0.03
Spiked Amount 50.000			Recovery	=	57.66%	
62) 4-Bromofluorobenzene	11.43	95	49018	16.32	ug/l	0.03
Spiked Amount 50.000			Recovery	=	32.64%	
Target Compounds						
16) Acetone	2.25	43	41698	106.264	ug/l	98
20) Methylene Chloride	2.27	84	6830m	3.493	ug/l	
25) 2-Butanone	4.36	43	108575	166.388	ug/l	98
86) p-Isopropyltoluene	12.48	119	10045	3.187	ug/l	98
95) Naphthalene	14.47	128	2649	1.488	ug/l #	89

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

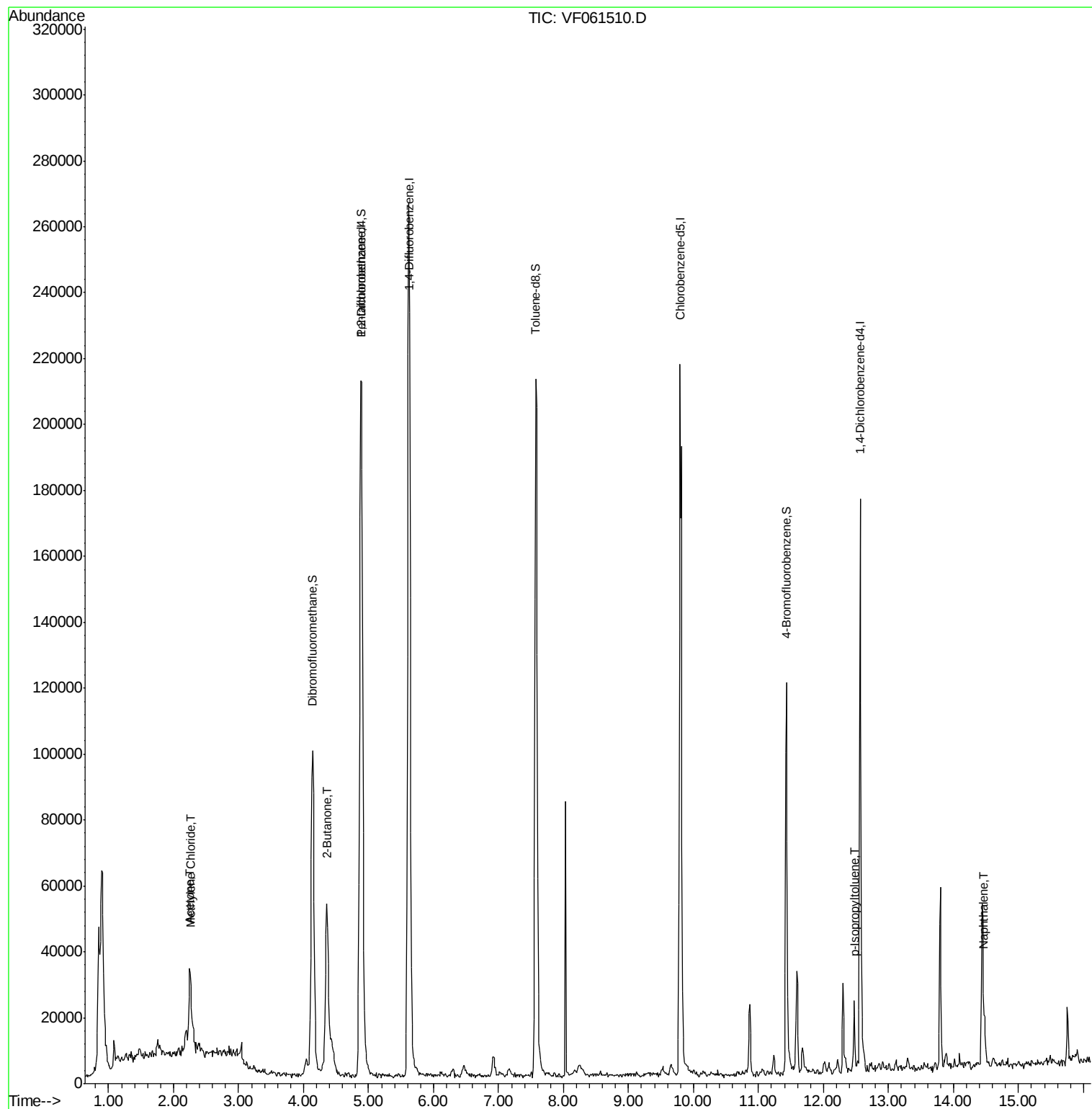
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012419\
Data File : VF061510.D
Acq On : 24 Jan 2019 19:59
Operator : VA/AP
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ALS Vial : 20 Sample Multiplier: 1

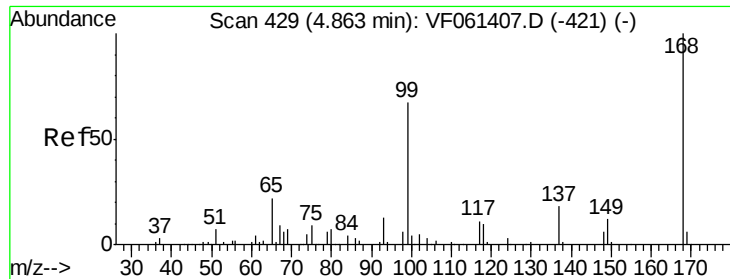
Instrument :
MSVOA_F
ClientSampleId :
TS-SRE

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Quant Time: Jan 25 05:49:33 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: VF061510.D

Acq: 24 Jan 2019 19:59

Instrument :

MSVOA_F

ClientSampleId :

TS-SRE

Tot Ion:168 Resp: 158429

Ion Ratio Lower Upper

168 100

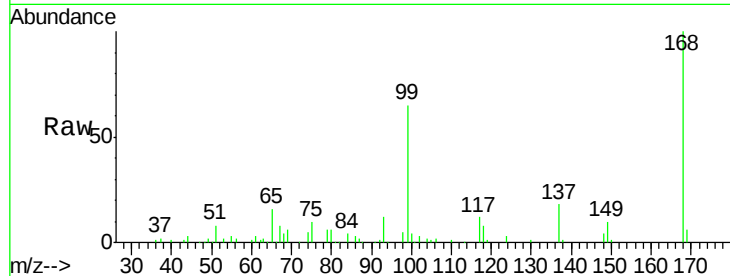
99 65.5 53.5 80.3

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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

60000

50000

40000

30000

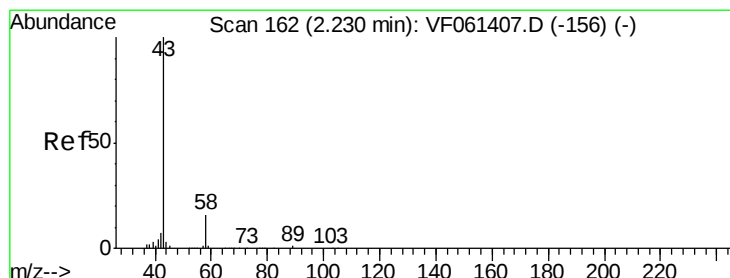
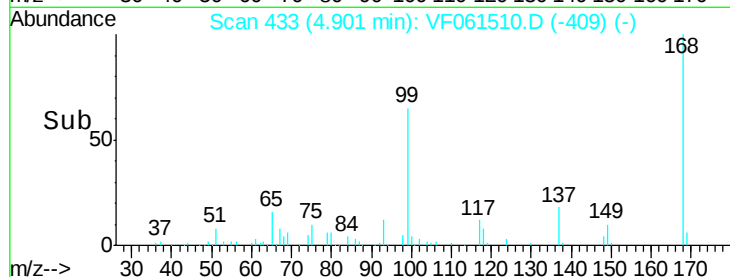
20000

10000

0

Time-->

4.80 4.90 5.00 5.10



#16

Acetone

Concen: 106.264 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.02 min

Lab File: VF061510.D

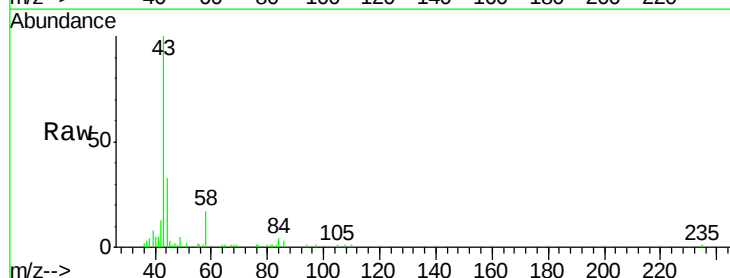
Acq: 24 Jan 2019 19:59

Tgt Ion: 43 Resp: 41698

Ion Ratio Lower Upper

43 100

58 17.3 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

15000

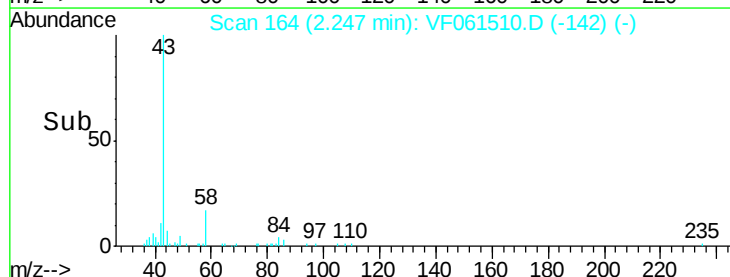
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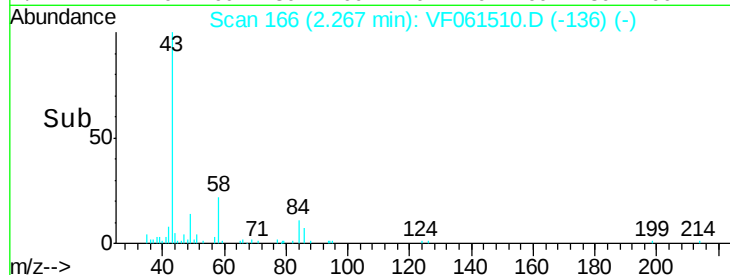
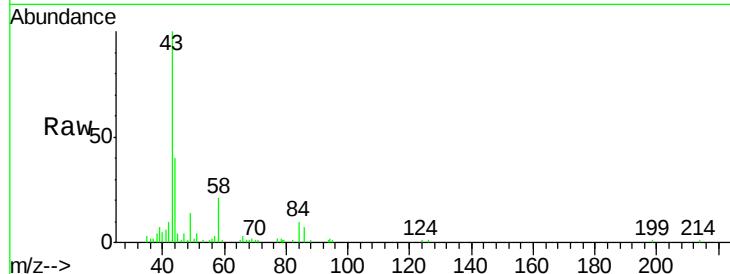
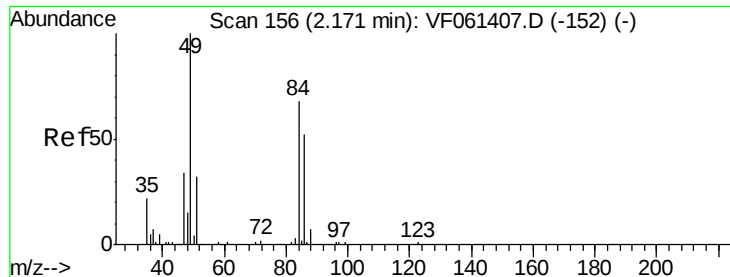
5000

0

Time-->

2.20 2.30





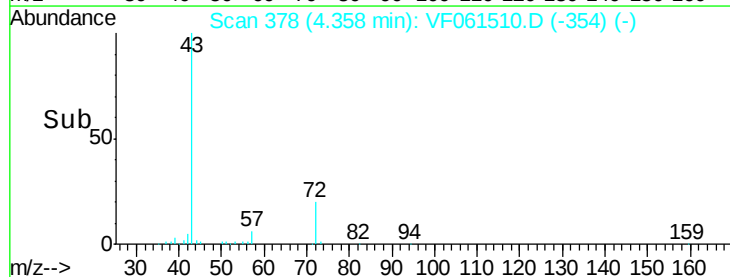
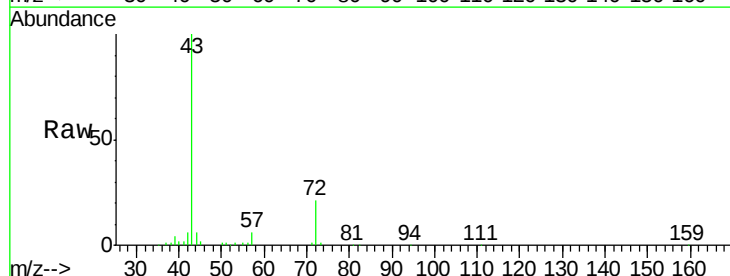
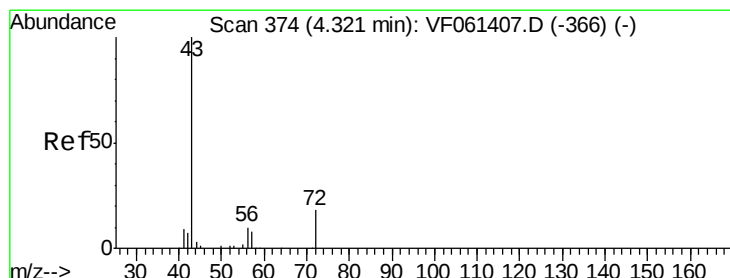
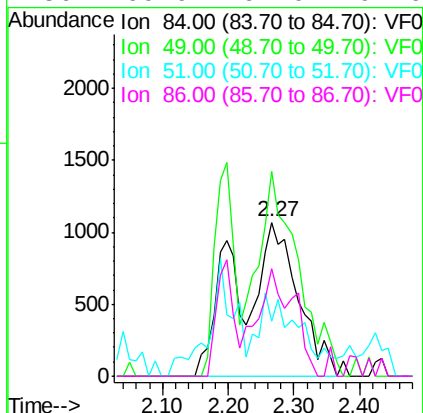
#20
Methvlene Chloride
Concen: 3.493 ug/l m
RT: 2.27 min Scan# 166
Delta R.T. 0.10 min
Lab File: VF061510.D
Acq: 24 Jan 2019 19:59

Tot Ion	Ratio	Lower	Upper
84	100		
49	132.8	120.0	180.0
51	35.8	38.6	58.0#
86	69.9	61.0	91.6

Instrument :
MSVOA_F
ClientSampleId :
TS-SRE

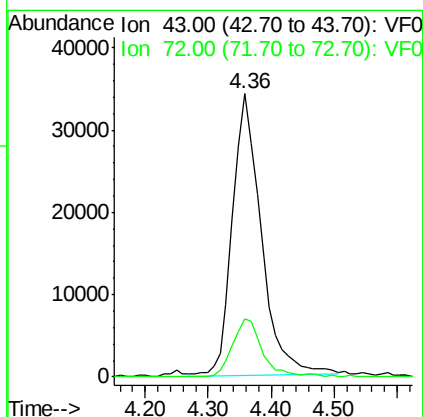
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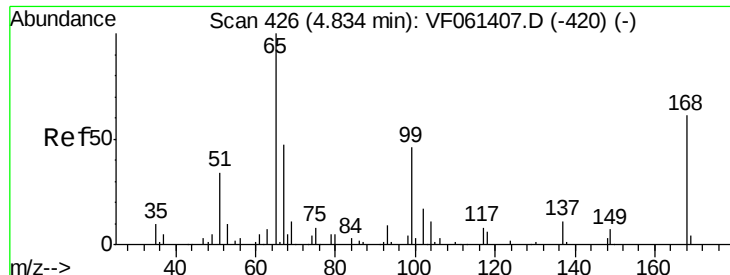
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#25
2-Butanone
Concen: 166.388 ug/l
RT: 4.36 min Scan# 378
Delta R.T. 0.04 min
Lab File: VF061510.D
Acq: 24 Jan 2019 19:59

Tgt Ion	Ratio	Lower	Upper
43	100		
72	20.7	15.8	23.6





#33

1,2-Dichloroethane-d4

Concen: 43.232 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.04 min

Lab File: VF061510.D

Acq: 24 Jan 2019 19:59

Instrument :

MSVOA_F

ClientSampleId :

TS-SRE

Tot Ion: 65 Resp: 84562

Ion Ratio Lower Upper

65 100

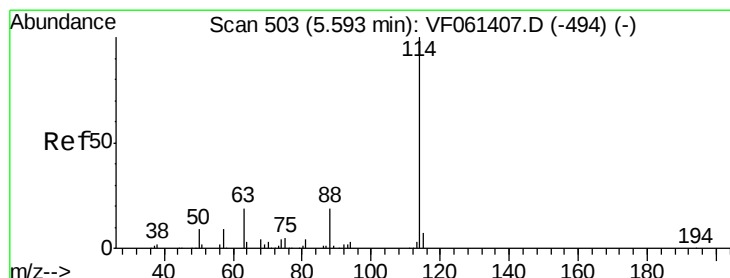
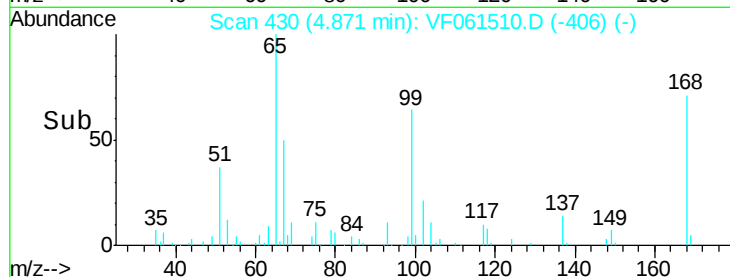
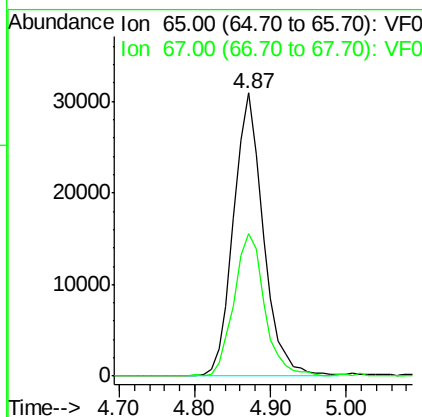
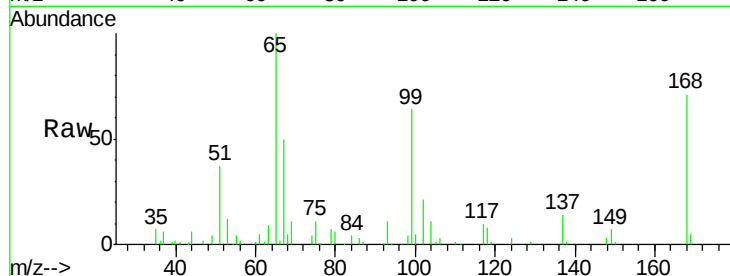
67 50.3 0.0 99.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. 0.03 min

Lab File: VF061510.D

Acq: 24 Jan 2019 19:59

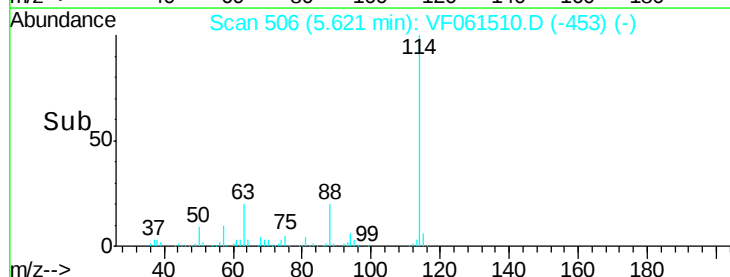
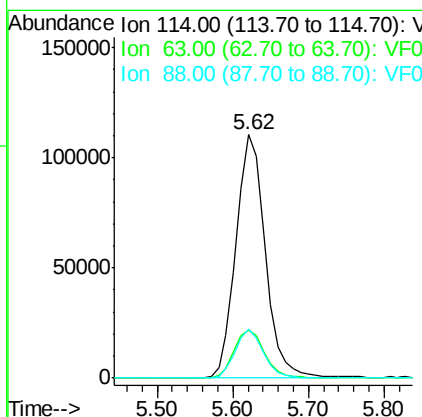
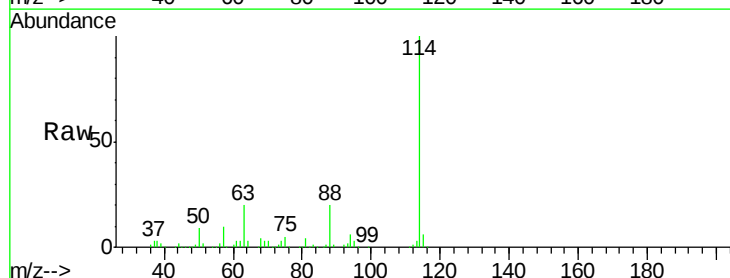
Tgt Ion: 114 Resp: 297309

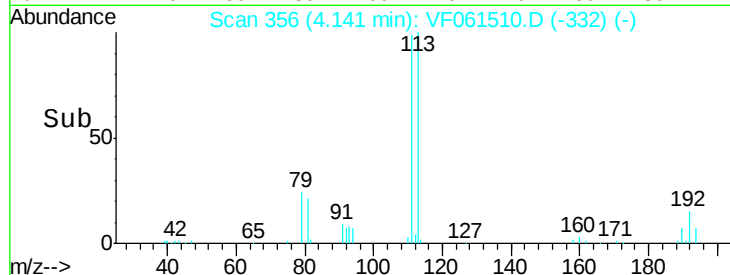
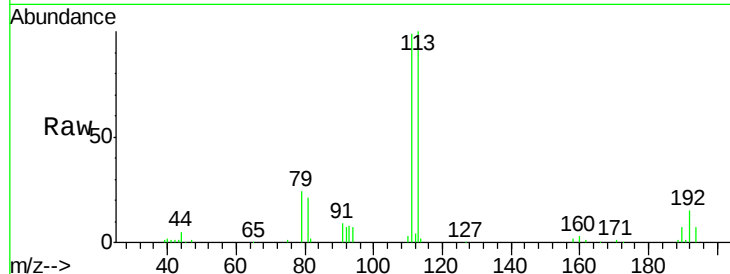
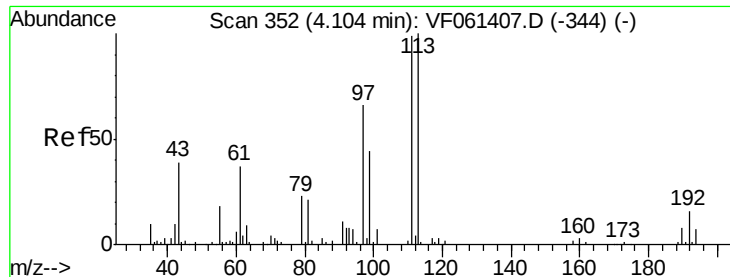
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

88 20.2 0.0 37.4





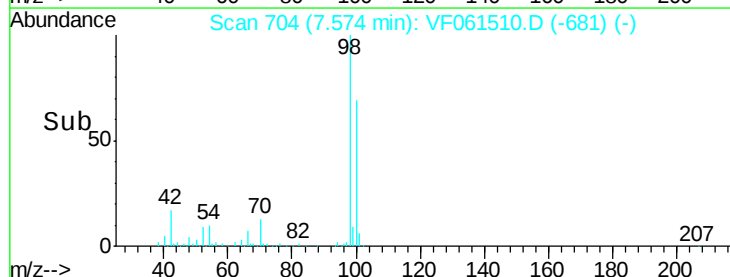
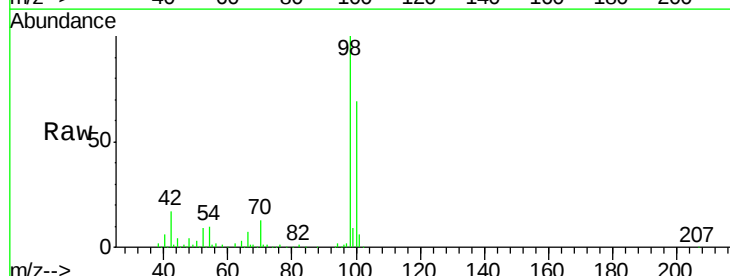
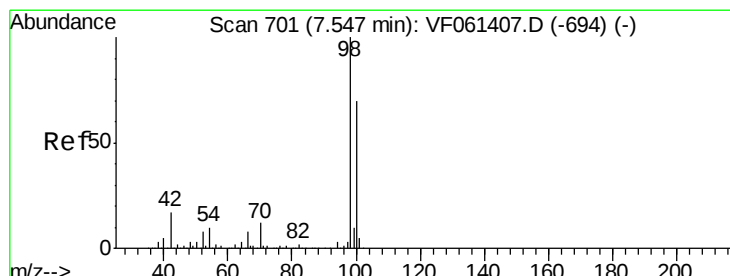
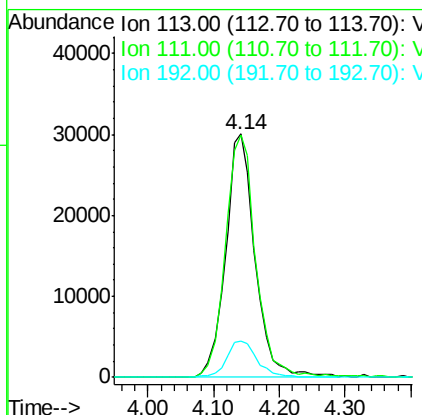
#35
Dibromofluoromethane
Concen: 40.006 ug/l
RT: 4.14 min Scan# 356
Delta R.T. 0.04 min
Lab File: VF061510.D
Acq: 24 Jan 2019 19:59

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.4	79.4	119.0
192	14.8	12.4	18.6

Instrument :
MSVOA_F
ClientSampleId :
TS-SRE

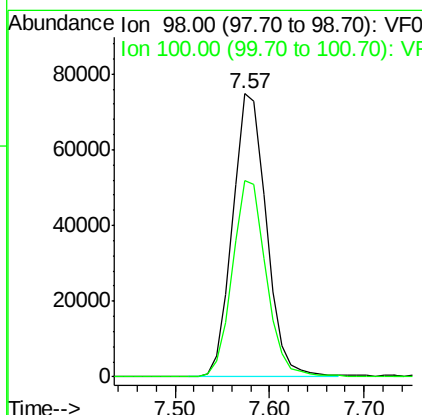
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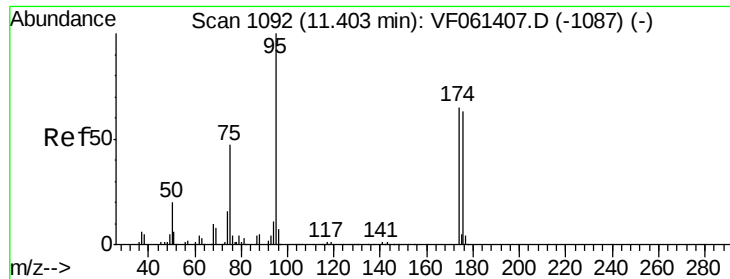
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#50
Toluene-d8
Concen: 28.834 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.03 min
Lab File: VF061510.D
Acq: 24 Jan 2019 19:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.3	55.6	83.4





#62

4-Bromofluorobenzene

Concen: 16.322 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. 0.03 min

Lab File: VF061510.D

Acq: 24 Jan 2019 19:59

Instrument :

MSVOA_F

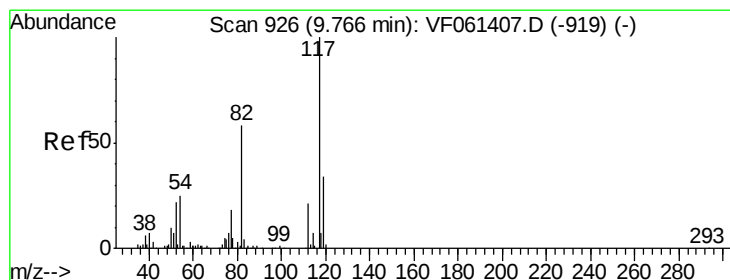
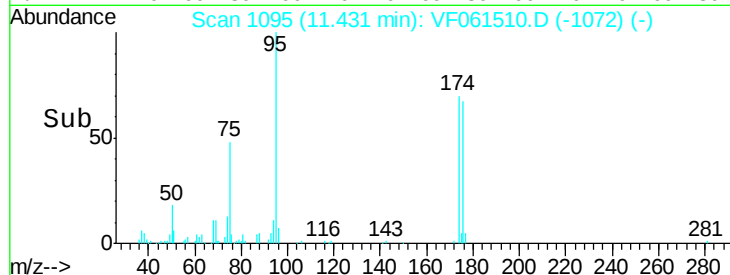
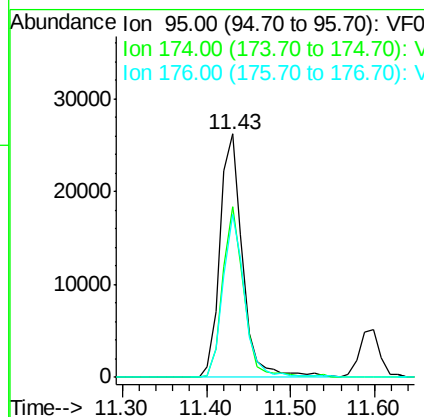
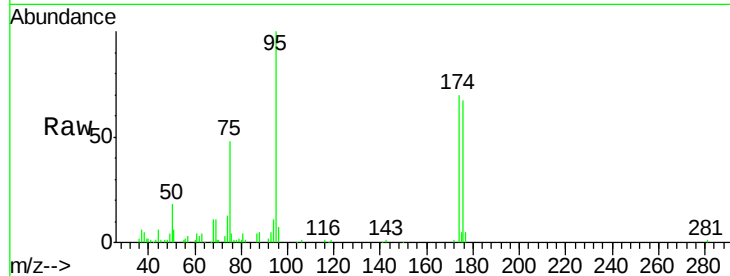
ClientSampleId :

TS-SRE

Tot Ion:	95	Resp:	49018
Ion Ratio	Lower	Upper	
95	100		
174	69.9	0.0	130.4
176	67.1	0.0	126.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

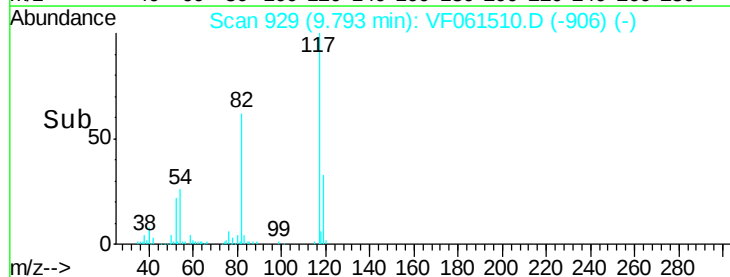
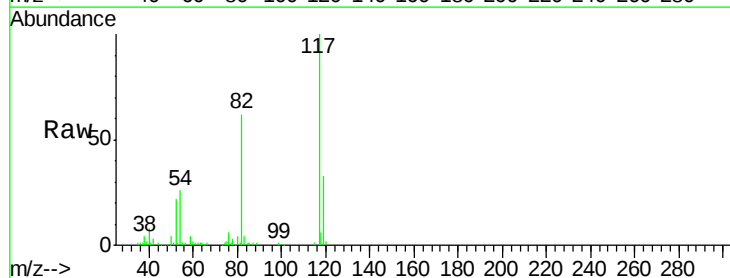
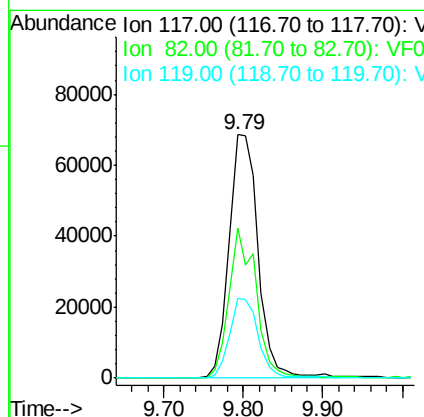
RT: 9.79 min Scan# 929

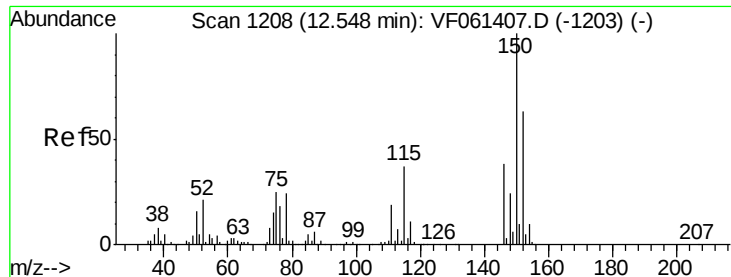
Delta R.T. 0.03 min

Lab File: VF061510.D

Acq: 24 Jan 2019 19:59

Tgt Ion:	117	Resp:	176454
Ion Ratio	Lower	Upper	
117	100		
82	61.7	46.4	69.6
119	32.7	27.2	40.8





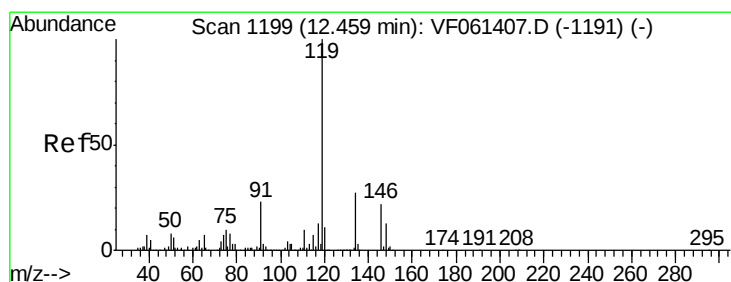
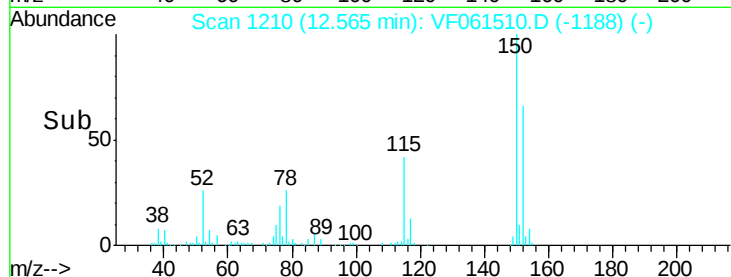
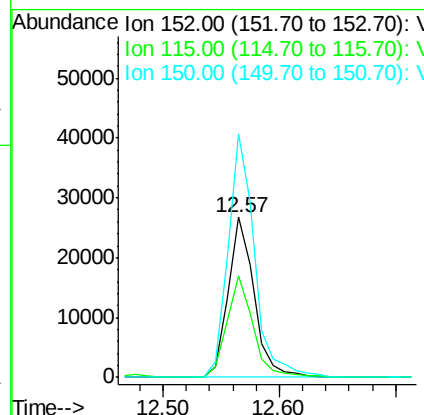
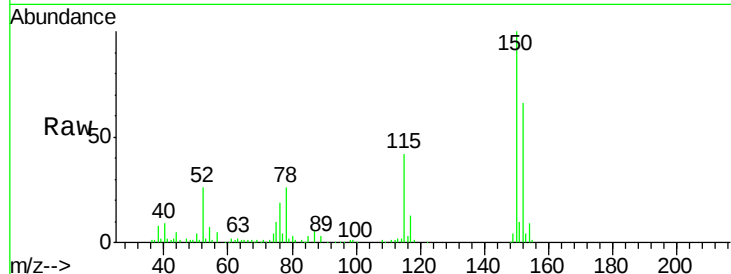
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.57 min Scan# 1210
 Delta R.T. 0.02 min
 Lab File: VF061510.D
 Acq: 24 Jan 2019 19:59

Instrument :
 MSVOA_F
 ClientSampled :
 TS-SRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.5	30.0	90.0
150	151.9	0.0	321.4

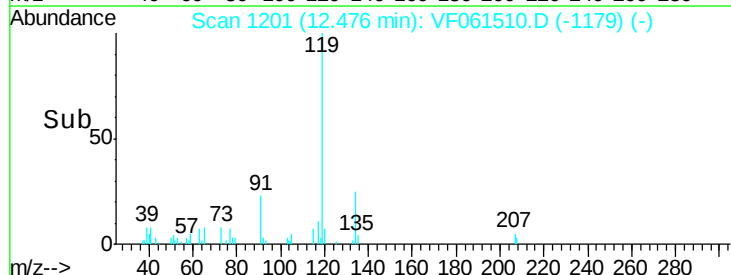
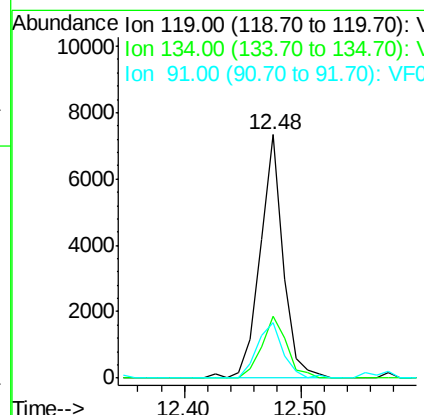
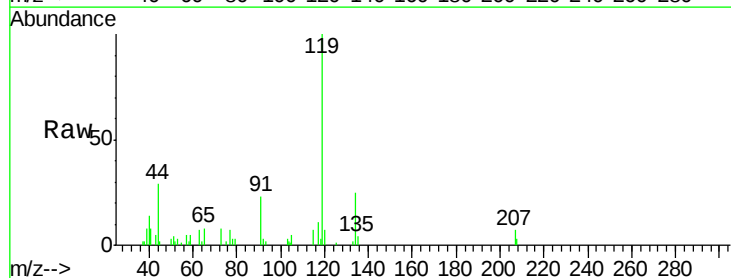
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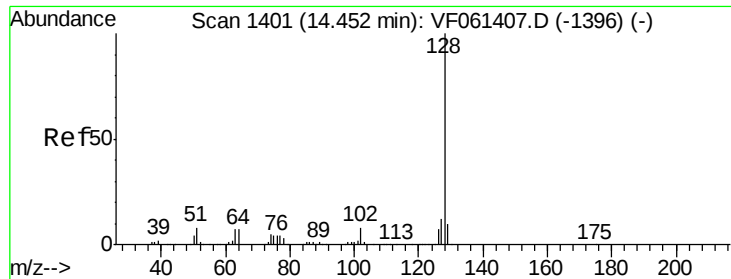
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#86
 p-Isopropyltoluene
 Concen: 3.187 ug/l
 RT: 12.48 min Scan# 1201
 Delta R.T. 0.02 min
 Lab File: VF061510.D
 Acq: 24 Jan 2019 19:59

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	13.4	40.2
91	22.7	11.4	34.2





#95
Naphthalene
Concen: 1.488 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. 0.02 min
Lab File: VF061510.D
Acq: 24 Jan 2019 19:59

Instrument :
MSVOA_F
ClientSampleId :
TS-SRE

Tot Ion	Ratio	Lower	Upper
128	100		
127	18.9	9.5	14.3#
129	11.7	8.4	12.6

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