

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
 Data File : VF061644.D
 Acq On : 14 Feb 2019 17:00
 Operator : VA/AP
 Sample : K1484-03
 Misc : 5.13g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 M-2-S

Quant Time: Feb 15 00:48:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

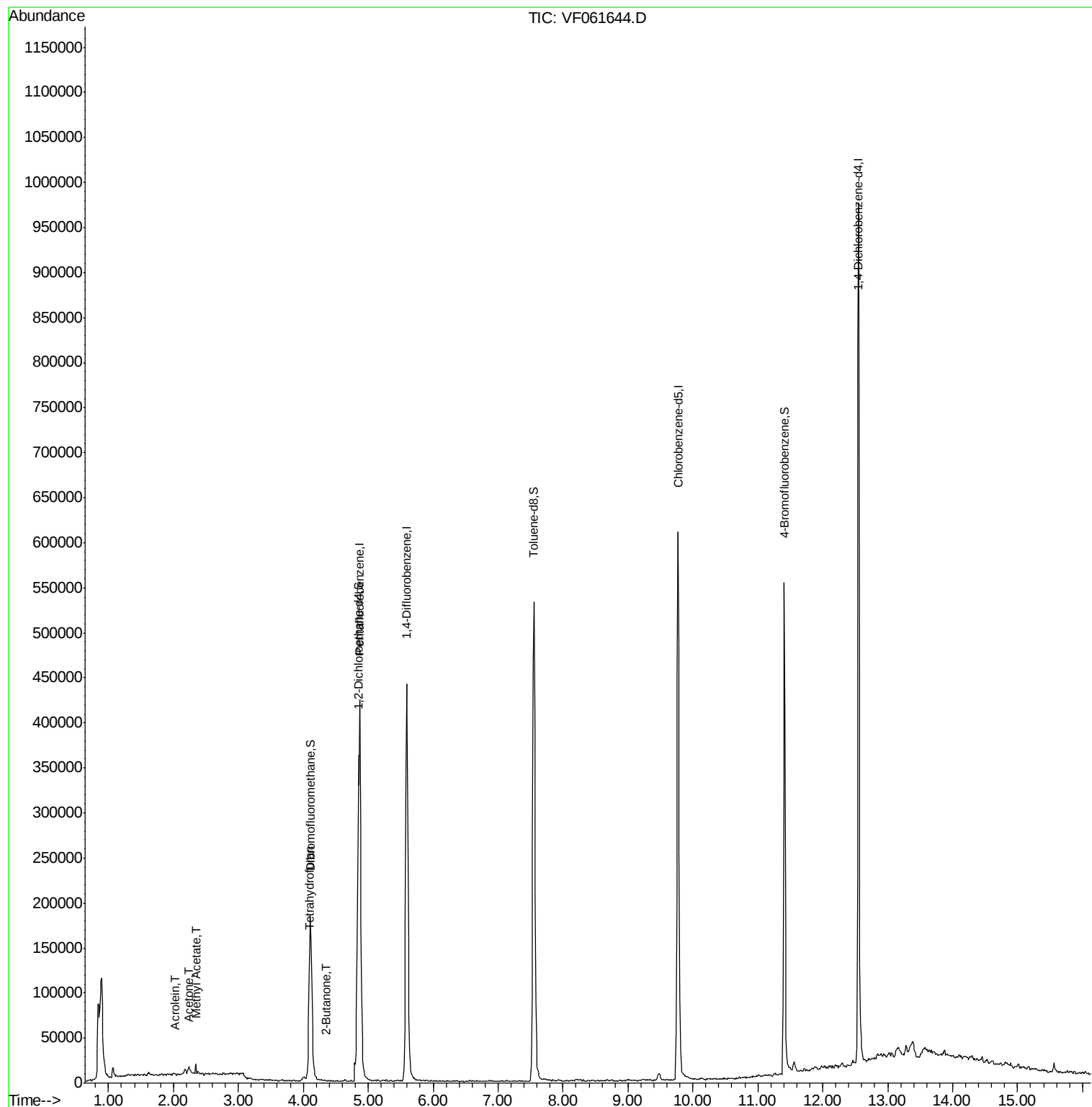
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	362468	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	574832	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	490452	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	284482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	114359	43.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.04%	
35) Dibromofluoromethane	4.11	113	181581	42.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.08%	
50) Toluene-d8	7.55	98	482594	39.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.66%	
62) 4-Bromofluorobenzene	11.41	95	207034	41.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.40%	
Target Compounds						
13) Acrolein	2.04	56	603	3.119	ug/l	89
16) Acetone	2.24	43	8567	15.022	ug/l	95
18) Methyl Acetate	2.35	43	2435	1.895	ug/l #	85
20) Methylene Chloride	2.17	84	2649	Below Cal		87
25) 2-Butanone	4.35	43	2477	1.988	ug/l	91
29) Tetrahydrofuran	4.08	42	731	1.291	ug/l #	33

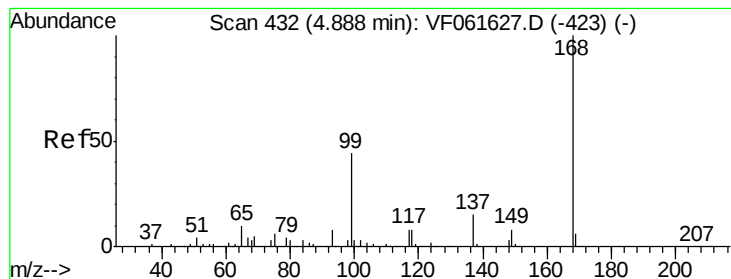
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.02 min

Lab File: VF061644.D

Acq: 14 Feb 2019 17:00

Instrument :

MSVOA_F

ClientSampleId :

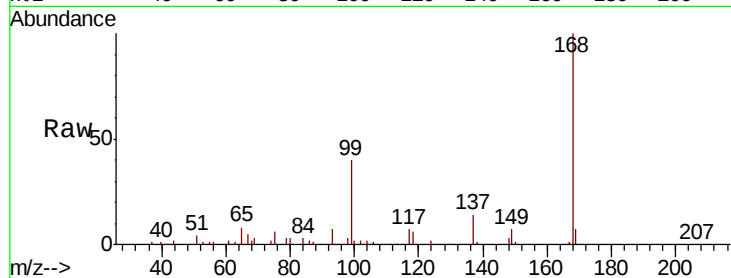
M-2-S

Tgt Ion: 168 Resp: 362468

Ion Ratio Lower Upper

168 100

99 40.1 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

150000

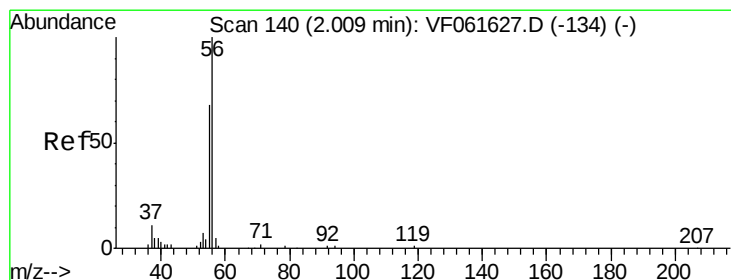
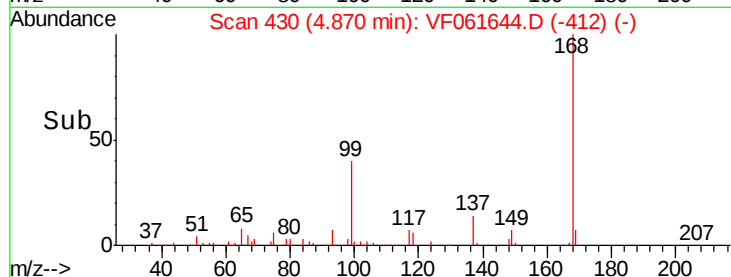
100000

50000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#13

Acrolein

Concen: 3.119 ug/l

RT: 2.04 min Scan# 143

Delta R.T. 0.03 min

Lab File: VF061644.D

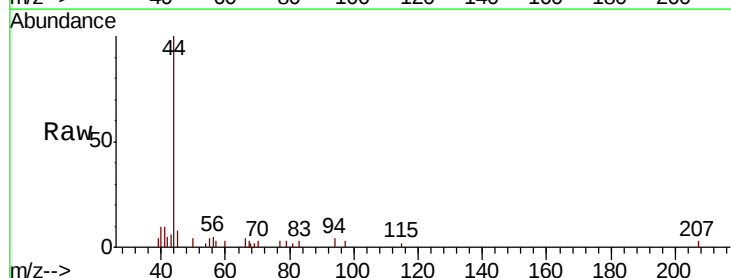
Acq: 14 Feb 2019 17:00

Tgt Ion: 56 Resp: 603

Ion Ratio Lower Upper

56 100

55 78.1 55.0 82.6



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

400

300

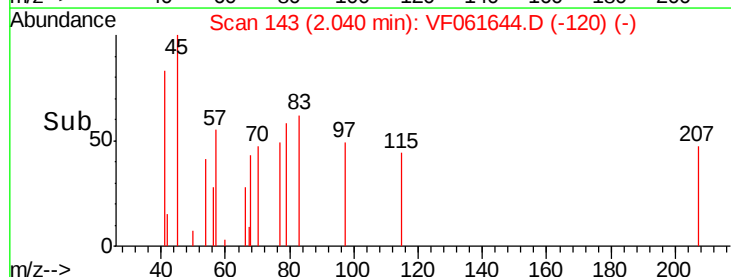
200

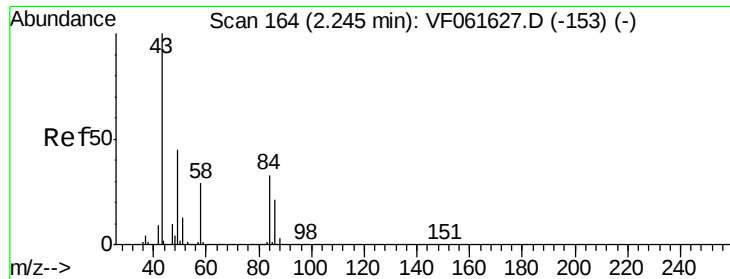
100

0

2.00 2.05 2.10

Time-->





#16

Acetone

Concen: 15.022 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061644.D

Acq: 14 Feb 2019 17:00

Instrument :

MSVOA_F

ClientSampleId :

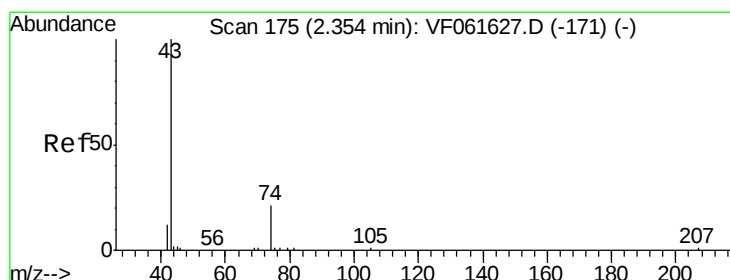
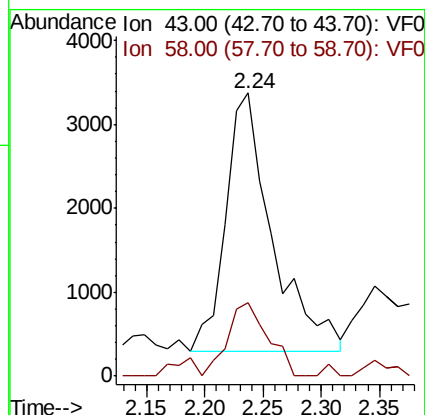
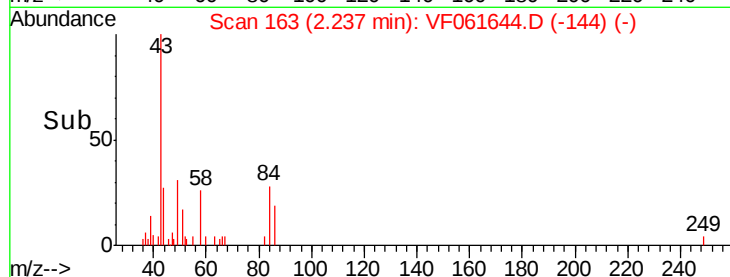
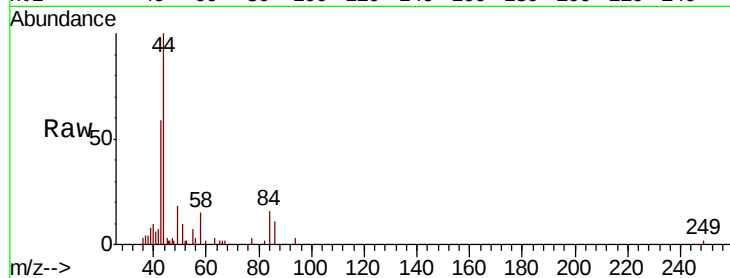
M-2-S

Tgt Ion: 43 Resp: 8567

Ion Ratio Lower Upper

43 100

58 26.1 22.9 34.3



#18

Methyl Acetate

Concen: 1.895 ug/l

RT: 2.35 min Scan# 174

Delta R.T. -0.01 min

Lab File: VF061644.D

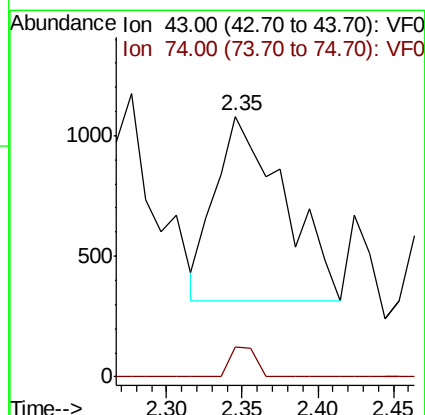
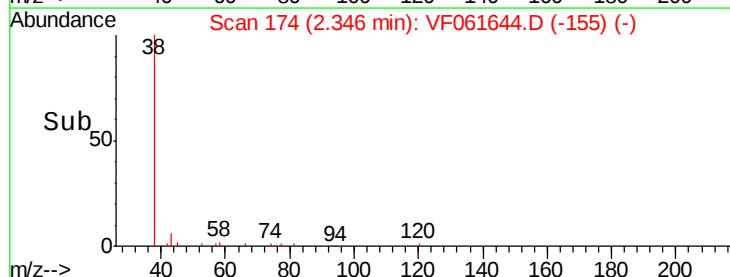
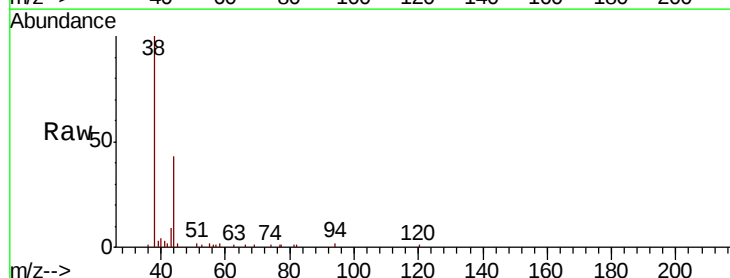
Acq: 14 Feb 2019 17:00

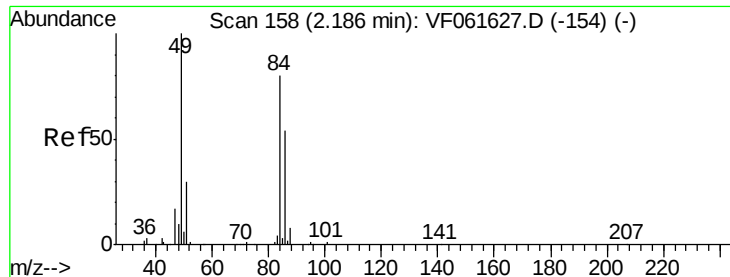
Tgt Ion: 43 Resp: 2435

Ion Ratio Lower Upper

43 100

74 11.7 14.6 21.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.17 min Scan# 156

Delta R.T. -0.02 min

Lab File: VF061644.D

Acq: 14 Feb 2019 17:00

Instrument :

MSVOA_F

ClientSampleId :

M-2-S

Tgt Ion: 84 Resp: 2649

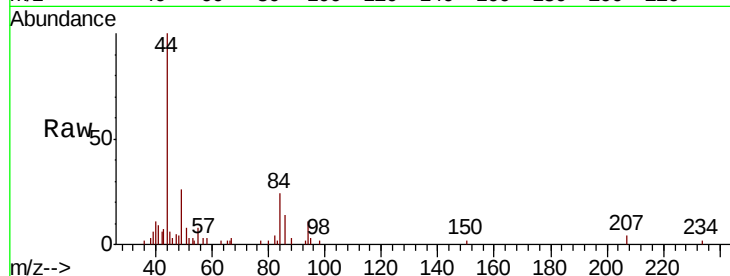
Ion Ratio Lower Upper

84 100

49 109.8 101.8 152.8

51 34.7 31.1 46.7

86 57.3 54.4 81.6

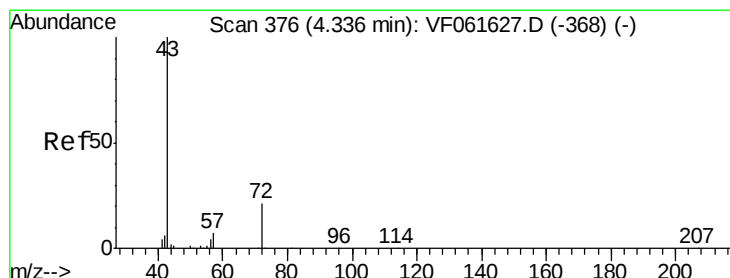
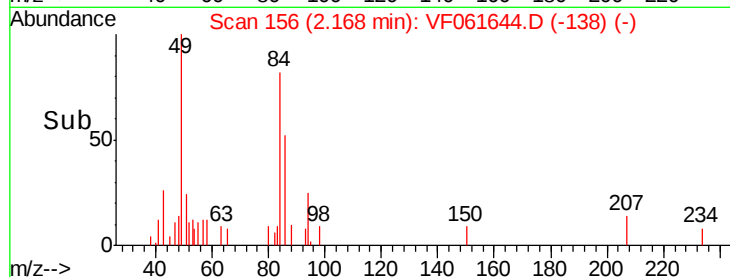
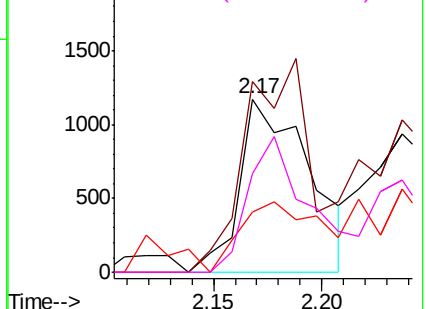


Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#25

2-Butanone

Concen: 1.988 ug/l

RT: 4.35 min Scan# 377

Delta R.T. 0.01 min

Lab File: VF061644.D

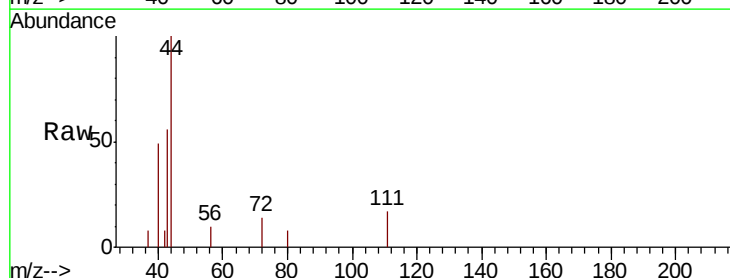
Acq: 14 Feb 2019 17:00

Tgt Ion: 43 Resp: 2477

Ion Ratio Lower Upper

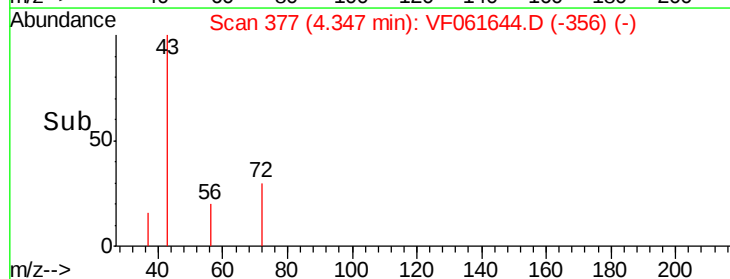
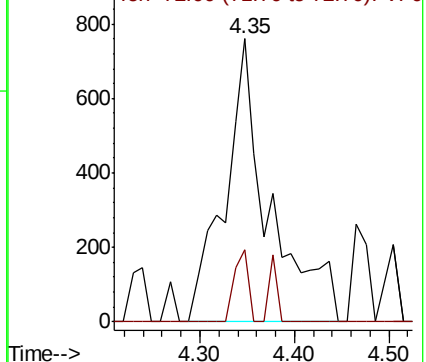
43 100

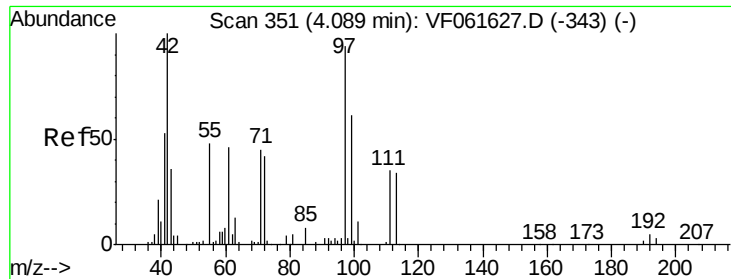
72 25.5 17.1 25.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

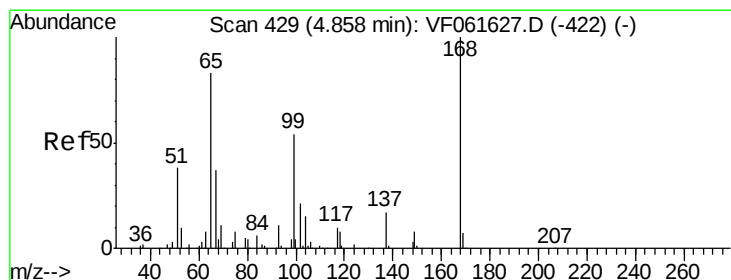
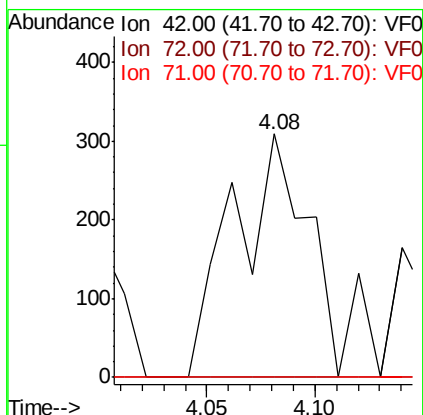
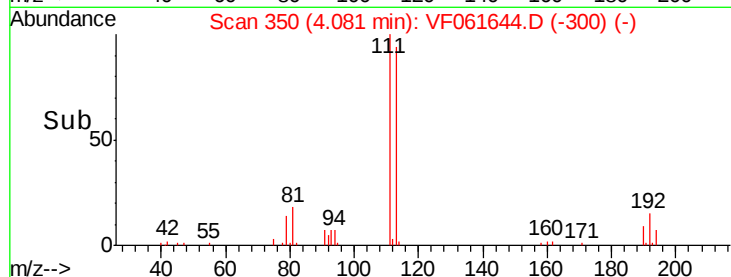
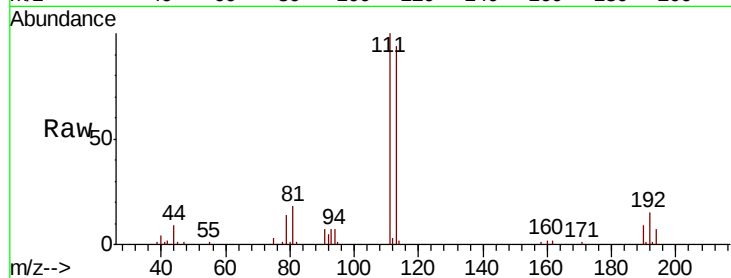




#29
Tetrahydrofuran
Concen: 1.291 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.01 min
Lab File: VF061644.D
Acq: 14 Feb 2019 17:00

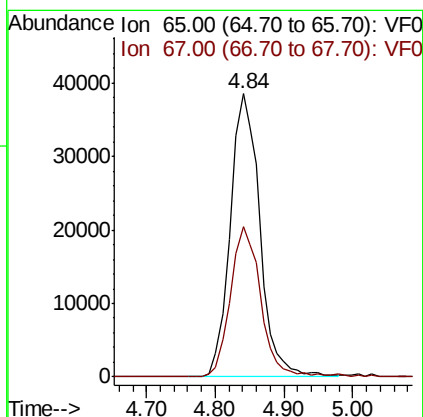
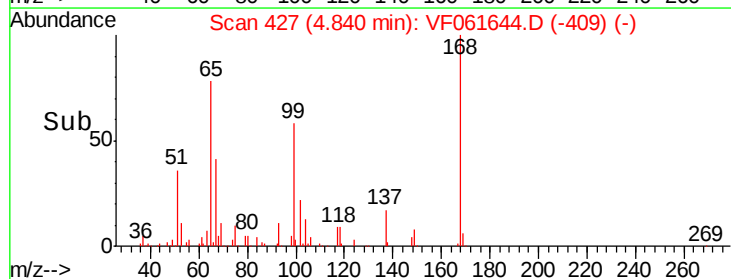
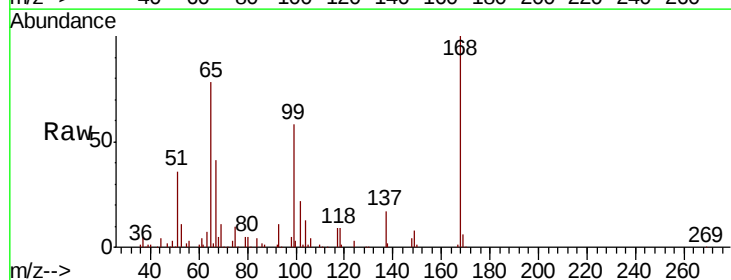
Instrument :
MSVOA_F
ClientSampleId :
M-2-S

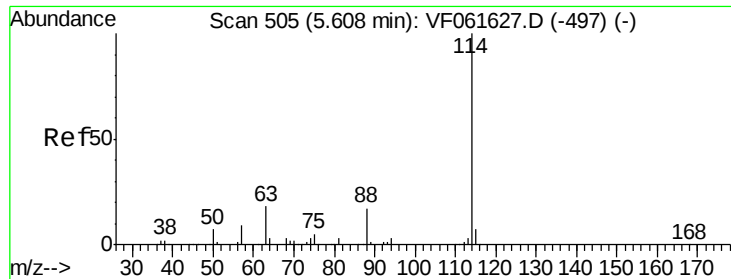
Tgt Ion: 42 Resp: 731
Ion Ratio Lower Upper
42 100
72 0.0 35.2 52.8#
71 0.0 32.9 49.3#



#33
1,2-Dichloroethane-d4
Concen: 43.024 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.02 min
Lab File: VF061644.D
Acq: 14 Feb 2019 17:00

Tgt Ion: 65 Resp: 114359
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.0

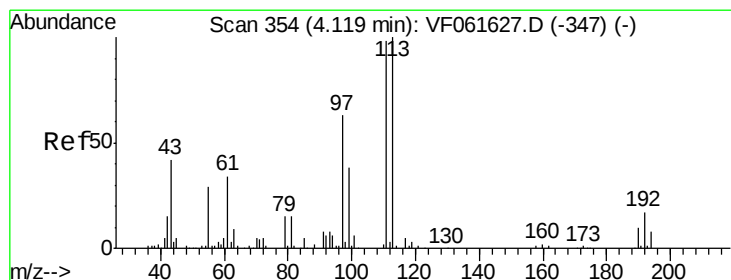
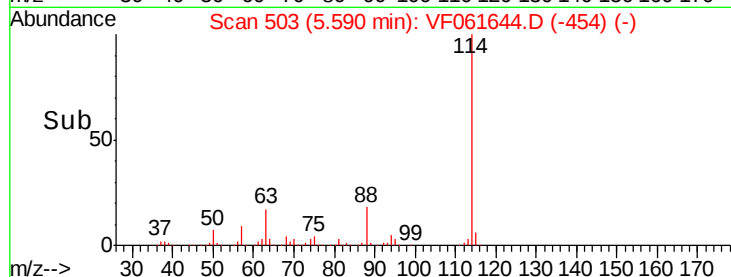
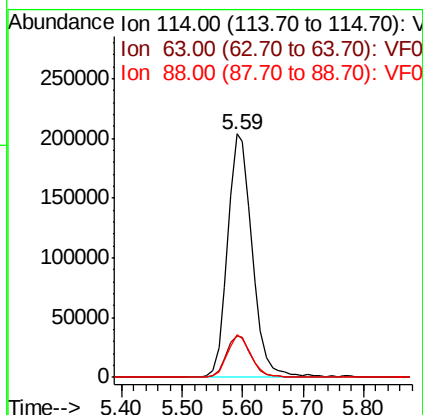
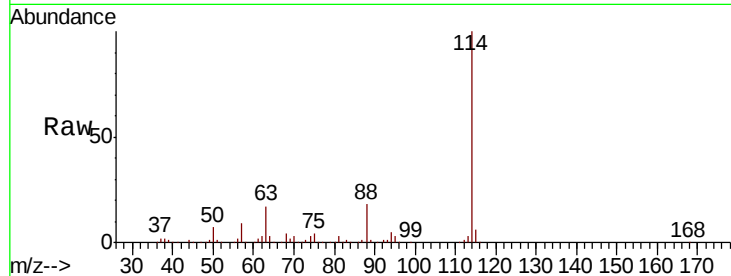




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: VF061644.D
 Acq: 14 Feb 2019 17:00

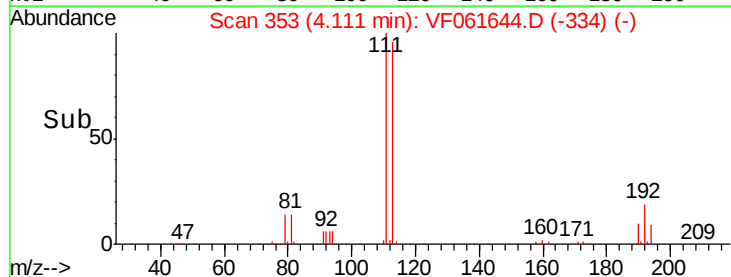
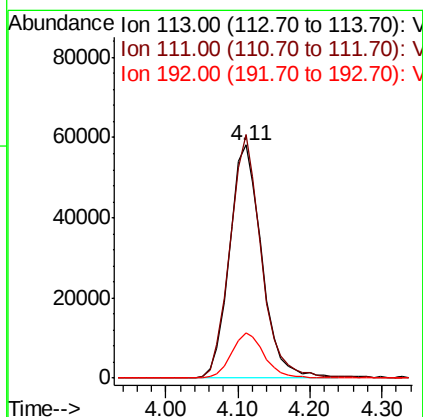
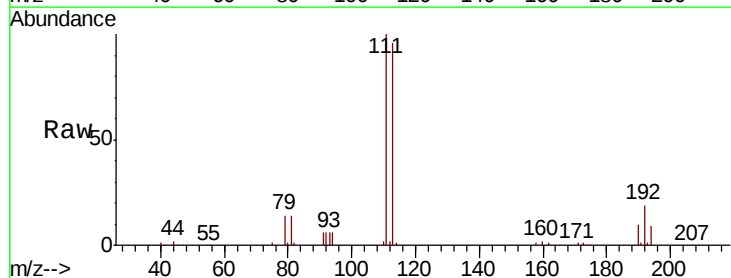
Instrument :
 MSVOA_F
 ClientSampleId :
 M-2-S

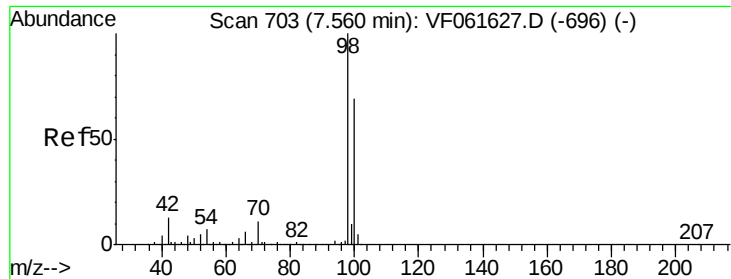
Tgt Ion:114 Resp: 574832
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.6
 88 17.5 0.0 34.4



#35
 Dibromofluoromethane
 Concen: 42.537 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VF061644.D
 Acq: 14 Feb 2019 17:00

Tgt Ion:113 Resp: 181581
 Ion Ratio Lower Upper
 113 100
 111 104.6 78.8 118.2
 192 20.2 13.4 20.0#

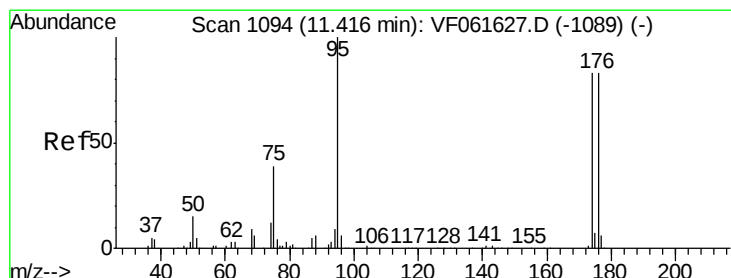
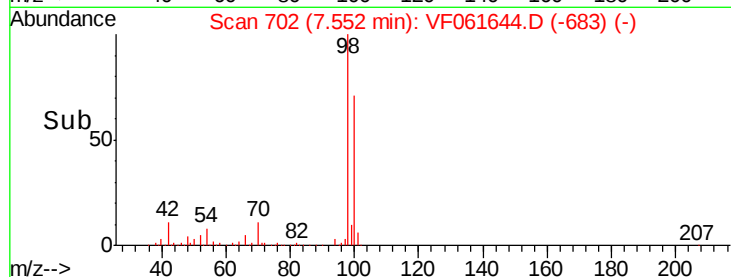
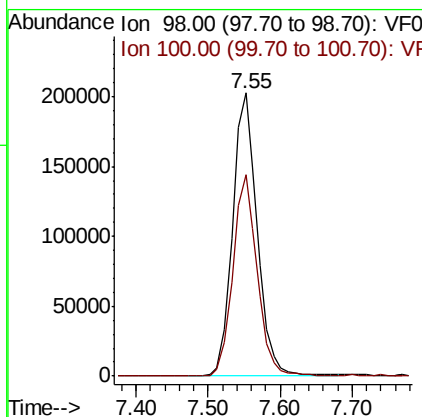
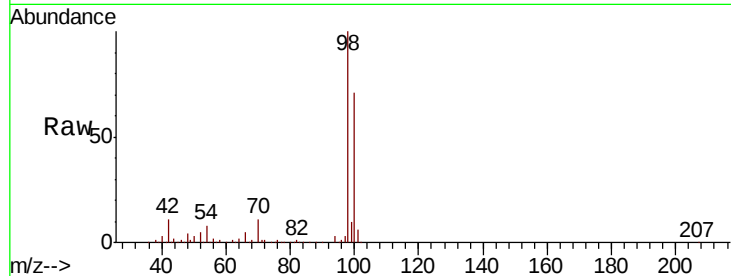




#50
Toluene-d8
Concen: 39.327 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061644.D
Acq: 14 Feb 2019 17:00

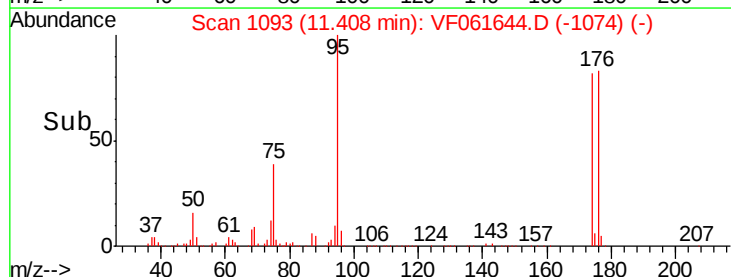
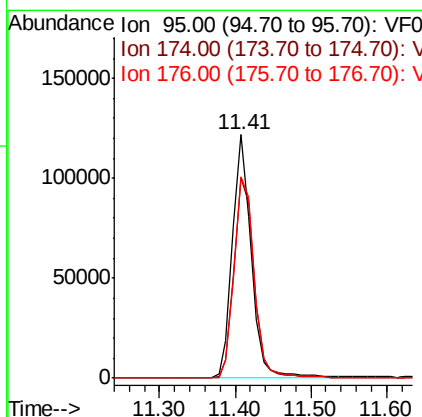
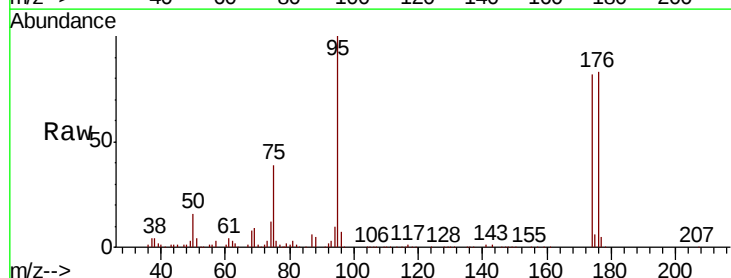
Instrument :
MSVOA_F
ClientSampleId :
M-2-S

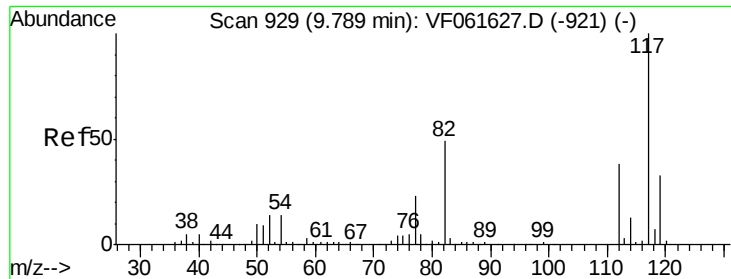
Tgt Ion: 98 Resp: 482594
Ion Ratio Lower Upper
98 100
100 71.1 55.4 83.2



#62
4-Bromofluorobenzene
Concen: 41.697 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061644.D
Acq: 14 Feb 2019 17:00

Tgt Ion: 95 Resp: 207034
Ion Ratio Lower Upper
95 100
174 82.0 0.0 165.8
176 82.6 0.0 167.0

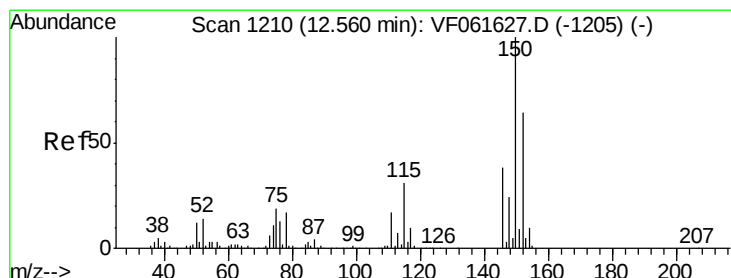
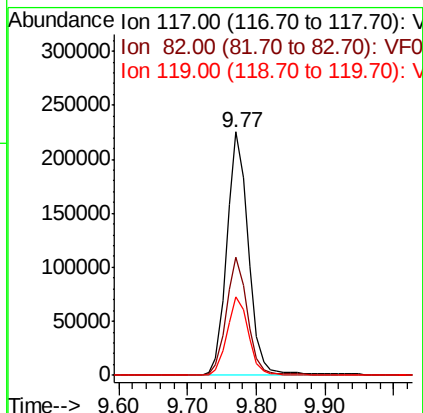
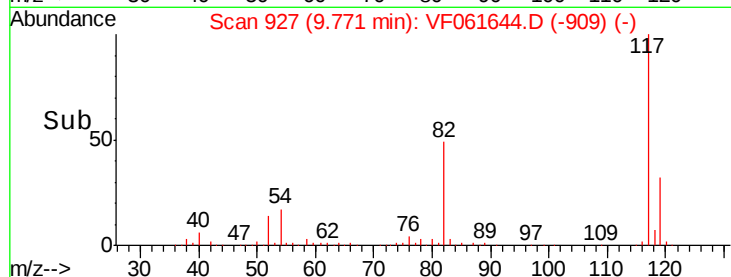
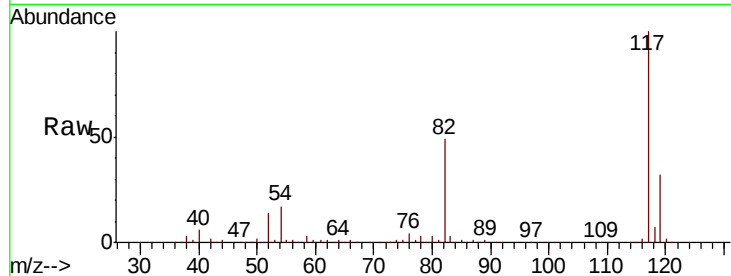




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.02 min
Lab File: VF061644.D
Acq: 14 Feb 2019 17:00

Instrument :
MSVOA_F
ClientSampleId :
M-2-S

Tgt Ion:117 Resp: 490452
Ion Ratio Lower Upper
117 100
82 48.8 39.3 58.9
119 32.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061644.D
Acq: 14 Feb 2019 17:00

Tgt Ion:152 Resp: 284482
Ion Ratio Lower Upper
152 100
115 51.9 24.3 72.8
150 155.4 0.0 312.0

