

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060110.D
 Acq On : 24 Aug 2018 19:58
 Operator : VA/AP
 Sample : J4282-13
 Misc : 5.36g/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-082318-B

Quant Time: Aug 25 03:47:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	132308	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	200962	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	186590	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	66290	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	96171	53.11	ug/l	-0.02
Spiked Amount 50.000			Recovery =	106.22%		
35) Dibromofluoromethane	4.28	113	42613	27.00	ug/l	-0.02
Spiked Amount 50.000			Recovery =	54.00%		
50) Toluene-d8	7.70	98	227134	50.68	ug/l	-0.02
Spiked Amount 50.000			Recovery =	101.36%		
62) 4-Bromofluorobenzene	11.50	95	87087	36.73	ug/l	-0.01
Spiked Amount 50.000			Recovery =	73.46%		

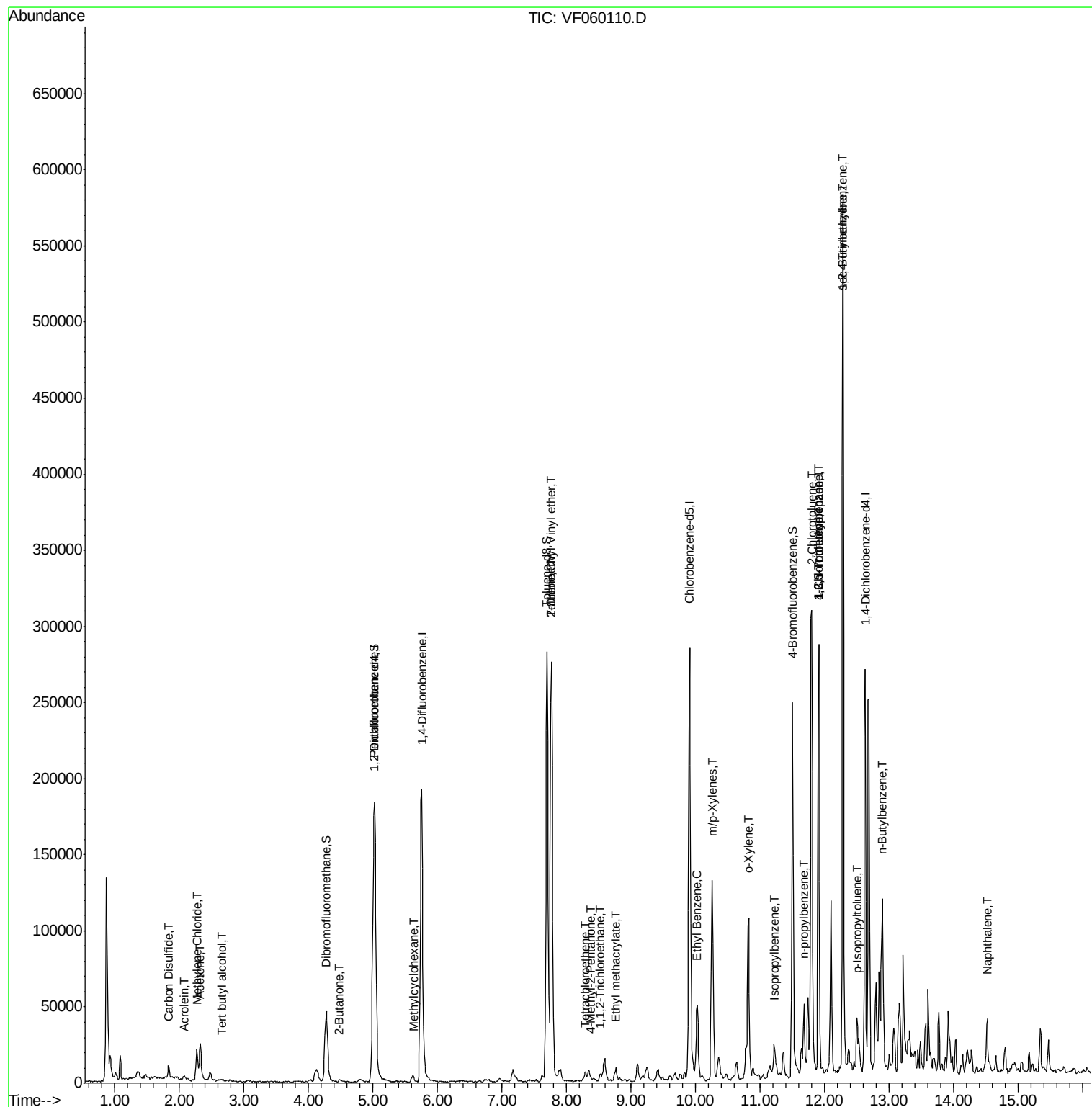
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.08	50	1059	Below Cal	#	40
11) Tert butyl alcohol	2.66	59	1004	10.42	ug/l	80
13) Acrolein	2.08	56	154	28.66	ug/l	64
16) Acetone	2.33	43	33103	69.56	ug/l	91
17) Carbon Disulfide	1.83	76	9847	3.74	ug/l	98
18) Methyl Acetate	2.47	43	2185	Below Cal	#	60
20) Methylene Chloride	2.28	84	10570	6.85	ug/l	92
25) 2-Butanone	4.48	43	2341	3.79	ug/l	94
39) Methylcyclohexane	5.63	83	2007	1.13	ug/l	86
51) 4-Methyl-2-Pentanone	8.39	43	1964	1.60	ug/l	39
52) Toluene	7.77	92	137263	51.91	ug/l	97
55) 1,1,2-Trichloroethane	8.52	97	1349	1.21	ug/l	33
56) Ethyl methacrylate	8.76	69	3887	2.88	ug/l	93
58) 2-Chloroethyl Vinyl ether	7.77	63	25429	237.77	ug/l	100
64) Tetrachloroethene	8.29	164	1540	1.23	ug/l	75
67) Ethyl Benzene	10.03	91	22408	3.69	ug/l	96
68) m/p-Xylenes	10.26	106	47227	15.63	ug/l	98
69) o-Xylene	10.82	106	29704	12.47	ug/l	100
73) Isopropylbenzene	11.22	105	9829	2.46	ug/l	85
76) 1,2,3-Trichloropropane	11.91	75	1337	1.98	ug/l	# 1
78) n-propylbenzene	11.68	91	32433	6.59	ug/l	100
79) 2-Chlorotoluene	11.80	91	29621	10.23	ug/l	# 42
80) 1,3,5-Trimethylbenzene	11.91	105	149434	42.99	ug/l	98
82) 4-Chlorotoluene	11.91	91	16540	5.26	ug/l	# 41
84) 1,2,4-Trimethylbenzene	12.28	105	288270	78.00	ug/l	100
85) sec-Butylbenzene	12.28	105	288270	61.07	ug/l	# 58
86) p-Isopropyltoluene	12.50	119	23623	6.03	ug/l	93
89) n-Butylbenzene	12.90	91	15792	4.15	ug/l	# 1
95) Naphthalene	14.52	128	20045	10.04	ug/l	97

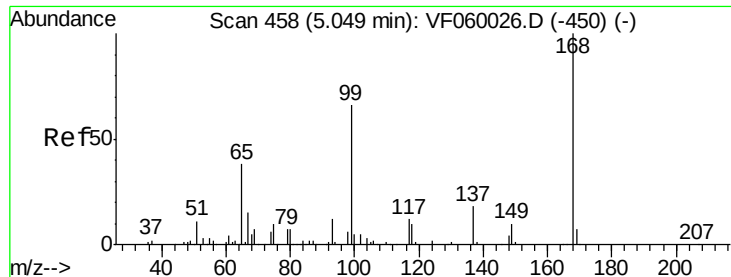
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082418\
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Quant Time: Aug 25 03:47:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF060110.D

Acq: 24 Aug 2018 19:58

Instrument :

MSVOA_F

ClientSampleId :

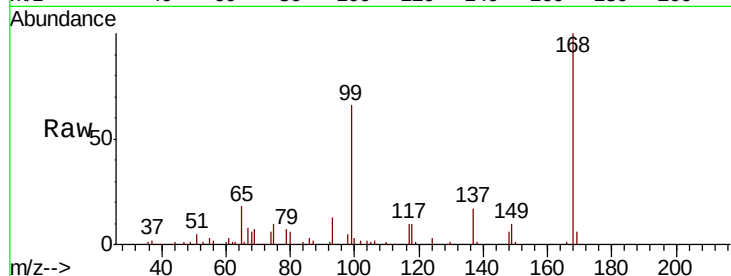
SU-02-082318-B

Tot Ion:168 Resp: 132308

Ion Ratio Lower Upper

168 100

99 65.5 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

40000

30000

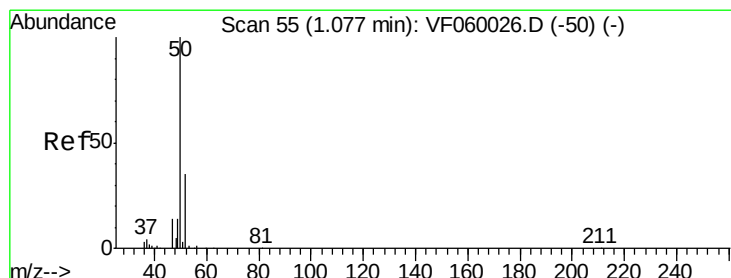
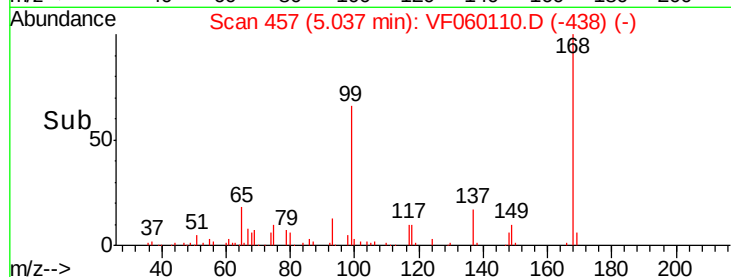
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.08 min Scan# 56

Delta R.T. 0.01 min

Lab File: VF060110.D

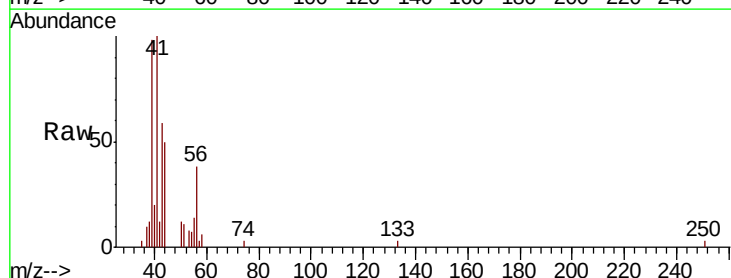
Acq: 24 Aug 2018 19:58

Tgt Ion: 50 Resp: 1059

Ion Ratio Lower Upper

50 100

52 0.0 27.6 41.4#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

1.08

500

400

300

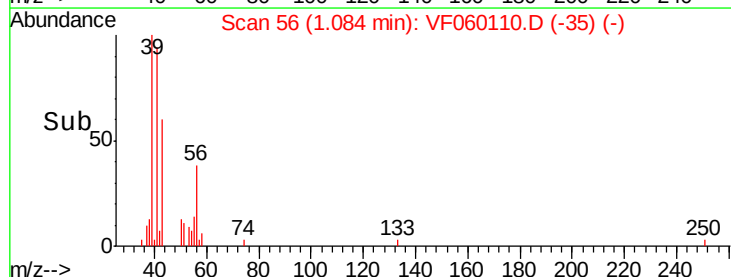
200

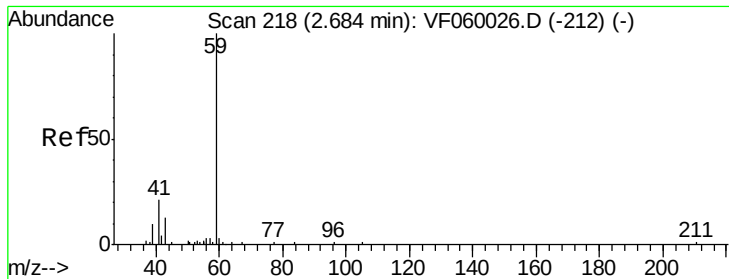
100

0

1.05 1.10 1.15

Time-->



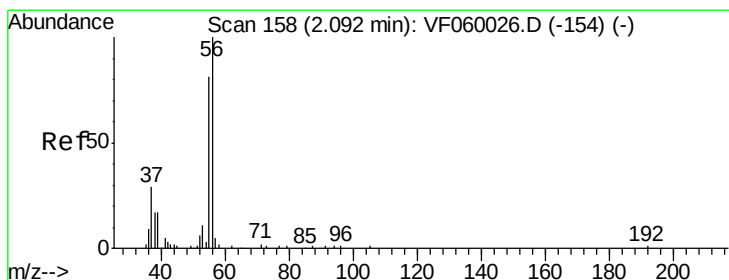
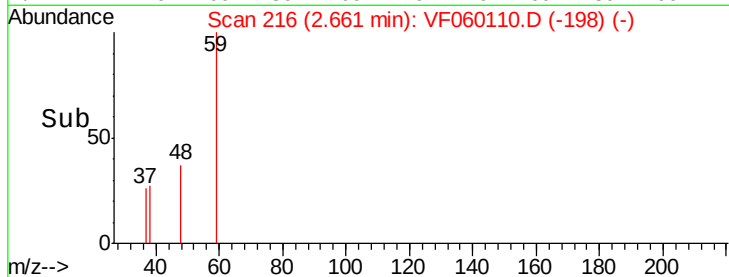
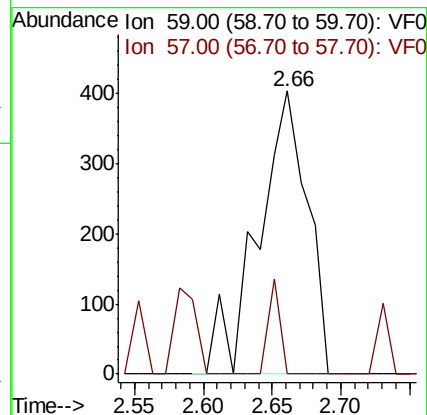
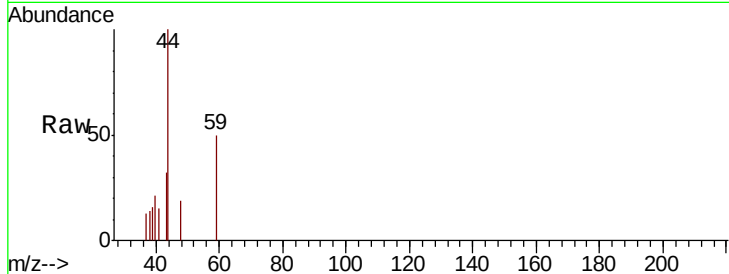


#11

Tert butyl alcohol
 Concen: 10.42 ug/l
 RT: 2.66 min Scan# 216
 Delta R.T. -0.02 min
 Lab File: VF060110.D
 Acq: 24 Aug 2018 19:58

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-082318-B

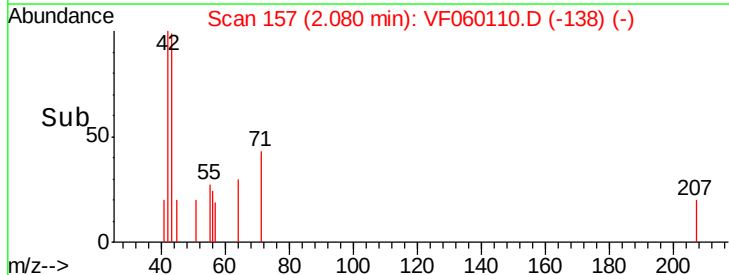
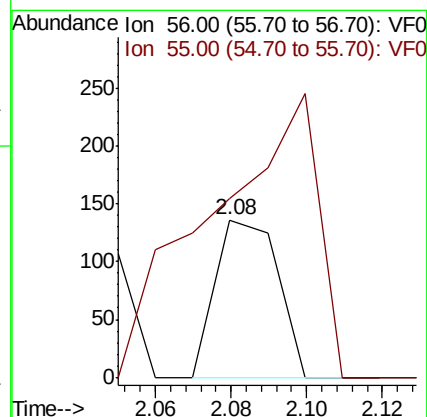
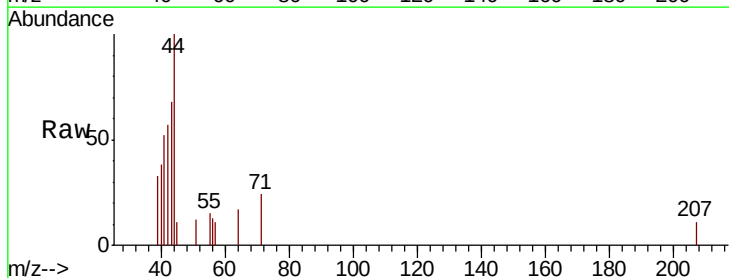
Tot Ion: 59 Resp: 1004
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.4 8.2#

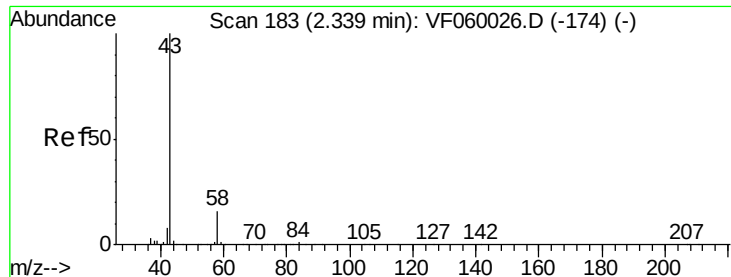


#13

Acrolein
 Concen: 28.66 ug/l
 RT: 2.08 min Scan# 157
 Delta R.T. -0.01 min
 Lab File: VF060110.D
 Acq: 24 Aug 2018 19:58

Tgt Ion: 56 Resp: 154
 Ion Ratio Lower Upper
 56 100
 55 114.0 65.6 98.4#





#16

Acetone

Concen: 69.56 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF060110.D

Acq: 24 Aug 2018 19:58

Instrument :

MSVOA_F

ClientSampleId :

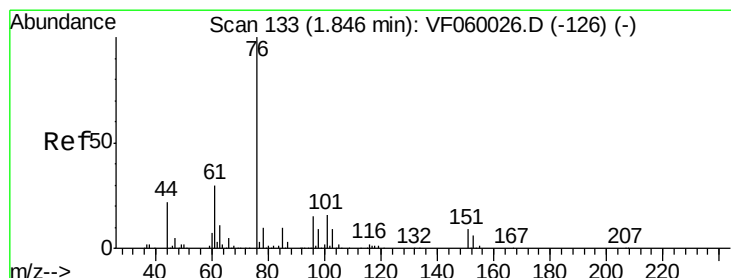
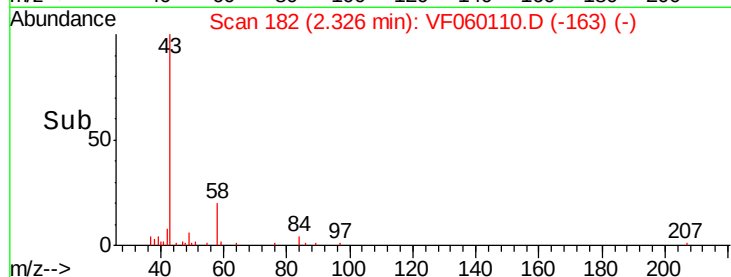
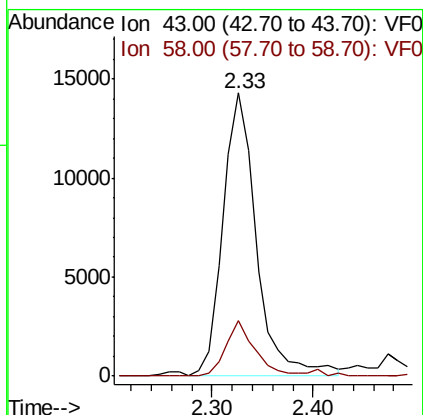
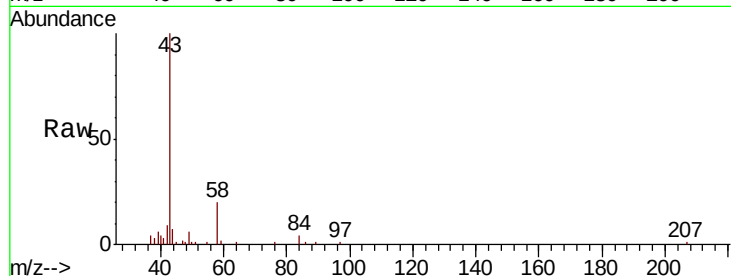
SU-02-082318-B

Tot Ion: 43 Resp: 33103

Ion Ratio Lower Upper

43 100

58 19.7 12.6 19.0#



#17

Carbon Disulfide

Concen: 3.74 ug/l

RT: 1.83 min Scan# 132

Delta R.T. -0.01 min

Lab File: VF060110.D

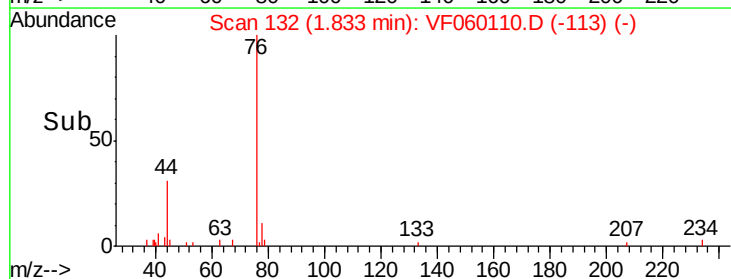
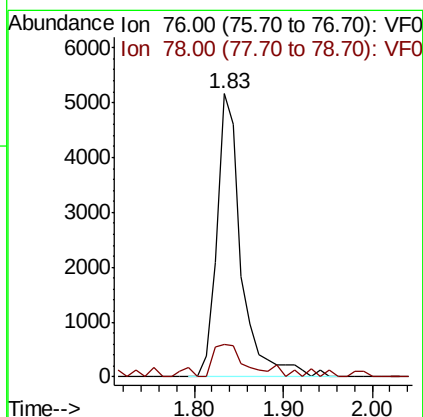
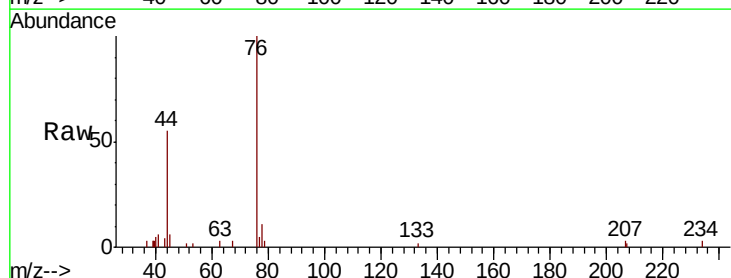
Acq: 24 Aug 2018 19:58

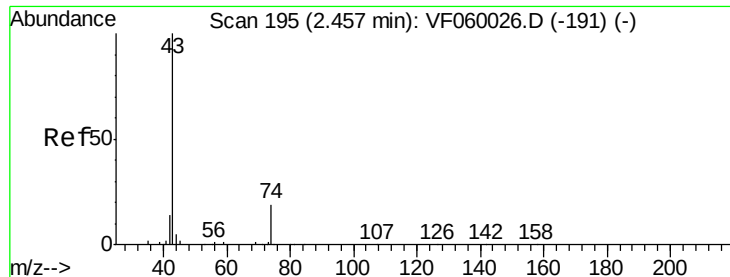
Tgt Ion: 76 Resp: 9847

Ion Ratio Lower Upper

76 100

78 11.4 8.4 12.6

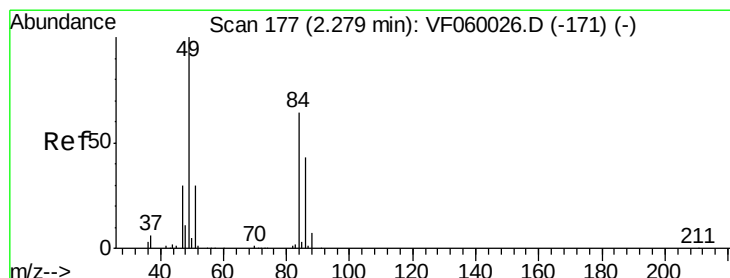
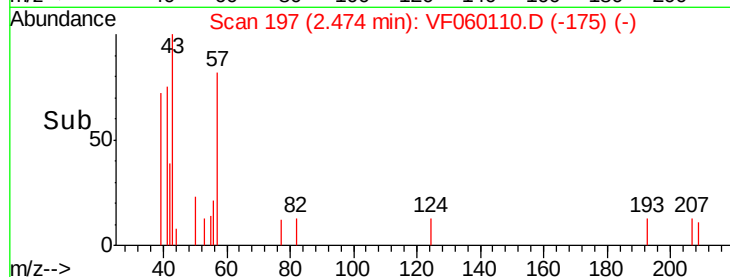
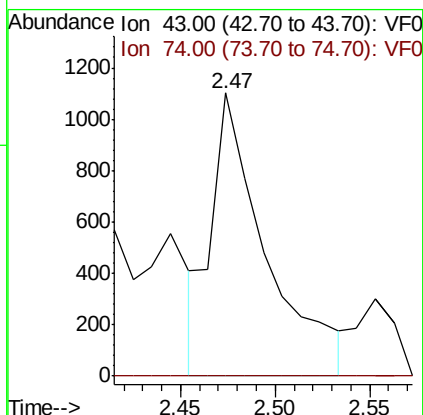
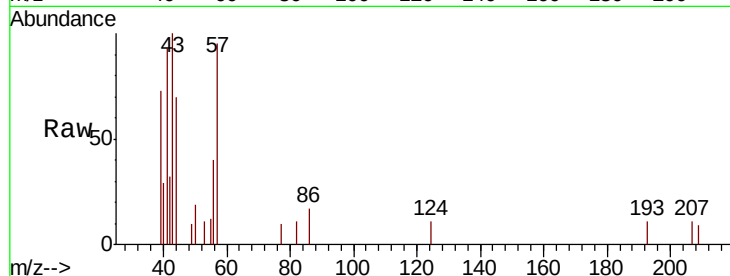




#18
Methyl Acetate
Concen: Below Cal
RT: 2.47 min Scan# 197
Delta R.T. 0.02 min
Lab File: VF060110.D
Acq: 24 Aug 2018 19:58

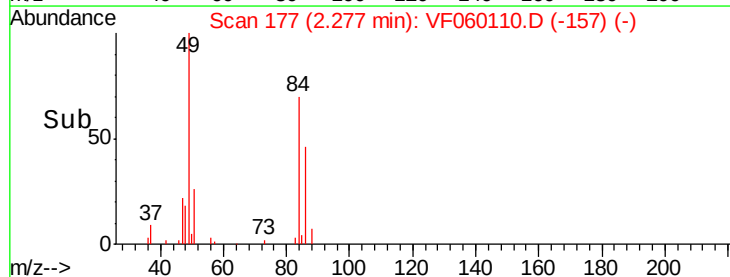
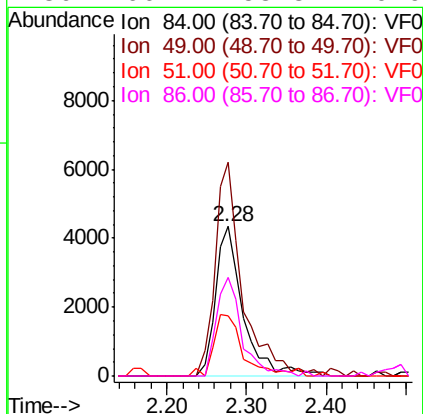
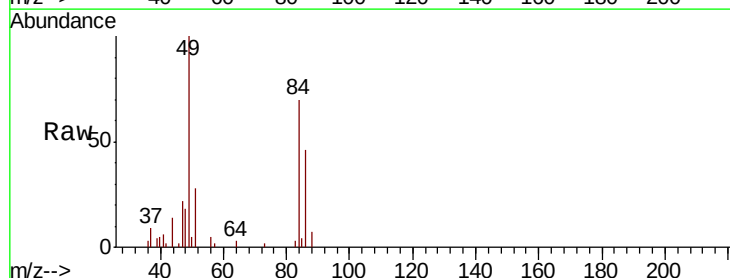
Instrument :
MSVOA_F
ClientSampleId :
SU-02-082318-B

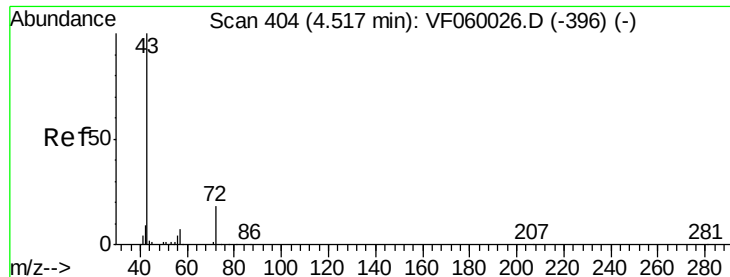
Tot Ion: 43 Resp: 2185
Ion Ratio Lower Upper
43 100
74 0.0 13.8 20.6#



#20
Methylene Chloride
Concen: 6.85 ug/l
RT: 2.28 min Scan# 177
Delta R.T. -0.00 min
Lab File: VF060110.D
Acq: 24 Aug 2018 19:58

Tgt Ion: 84 Resp: 10570
Ion Ratio Lower Upper
84 100
49 142.9 125.4 188.0
51 40.3 38.3 57.5
86 66.4 53.3 79.9





#25

2-Butanone

Concen: 3.79 ug/l

RT: 4.48 min Scan# 401

Delta R.T. -0.03 min

Lab File: VF060110.D

Acq: 24 Aug 2018 19:58

Instrument :

MSVOA_F

ClientSampleId :

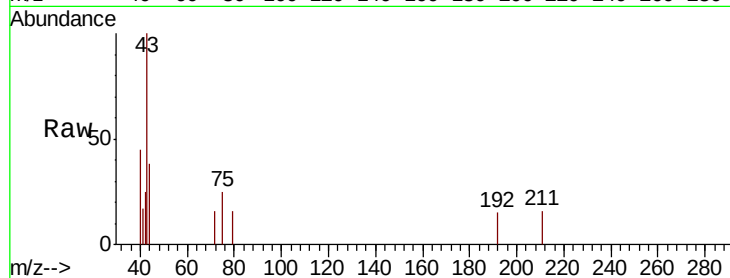
SU-02-082318-B

Tot Ion: 43 Resp: 2341

Ion Ratio Lower Upper

43 100

72 15.9 15.0 22.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

4.48

800

600

400

200

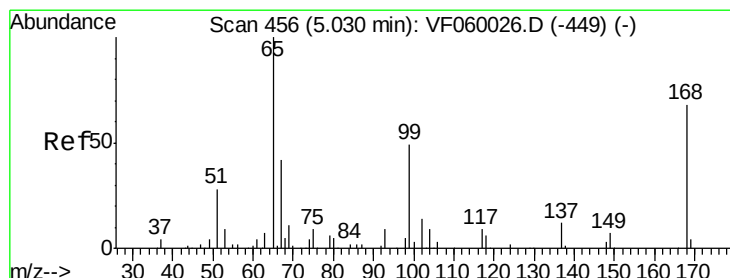
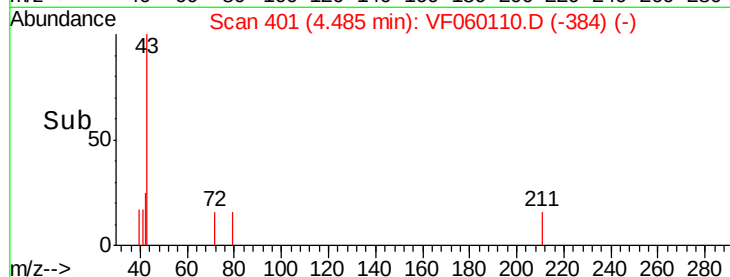
0

4.40

4.50

4.60

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.11 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF060110.D

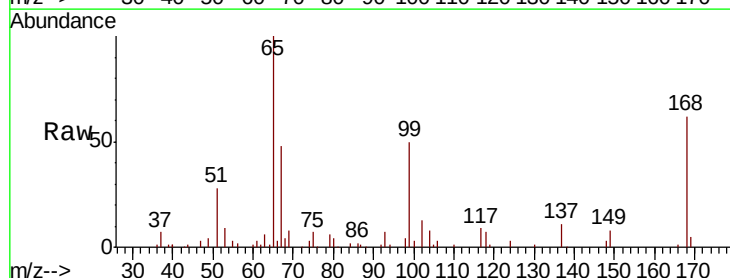
Acq: 24 Aug 2018 19:58

Tgt Ion: 65 Resp: 96171

Ion Ratio Lower Upper

65 100

67 48.4 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

30000

20000

10000

0

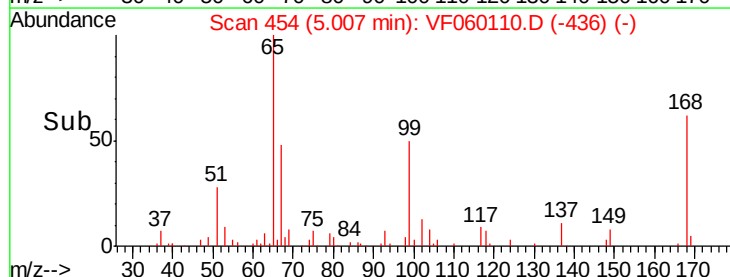
4.90

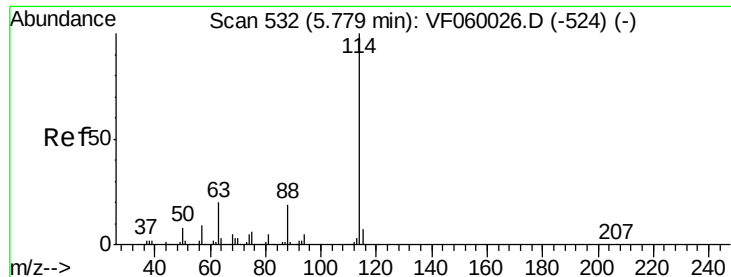
5.00

5.10

5.20

Time-->

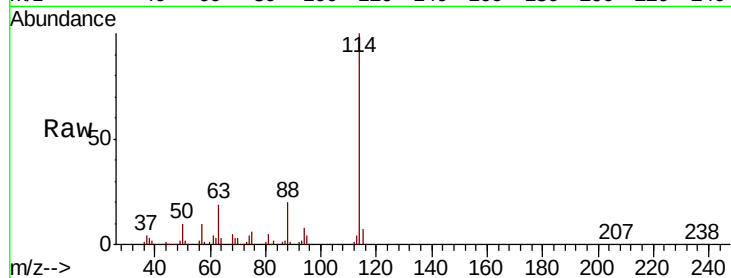




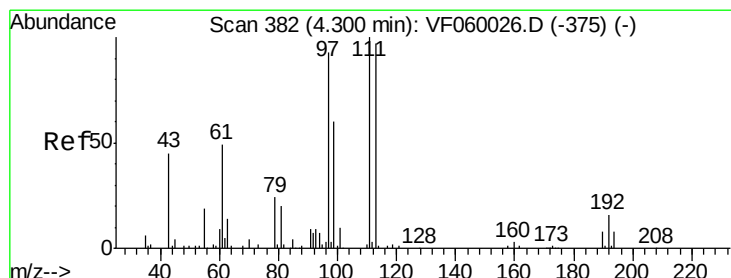
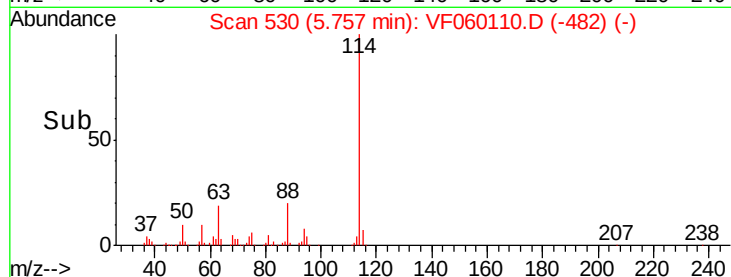
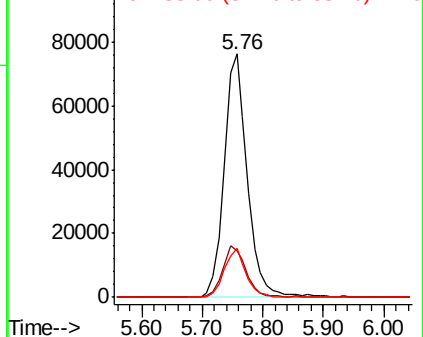
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.76 min Scan# 530
Delta R.T. -0.02 min
Lab File: VF060110.D
Acq: 24 Aug 2018 19:58

Instrument :
MSVOA_F
ClientSampleId :
SU-02-082318-B

Tot Ion:114 Resp: 200962
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.4
88 20.0 0.0 38.6

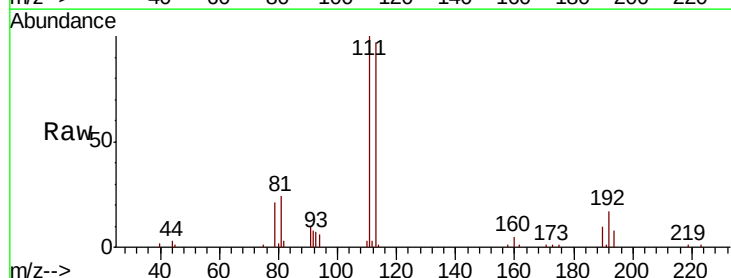


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

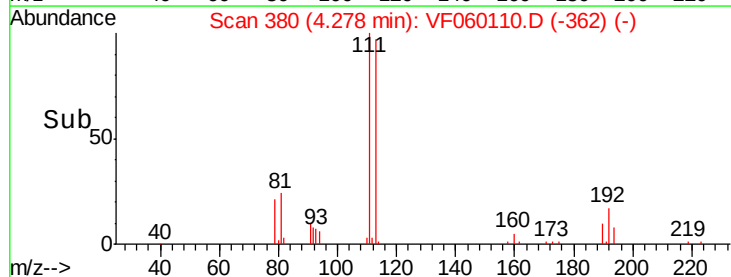
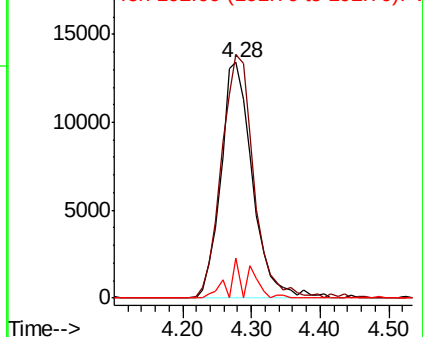


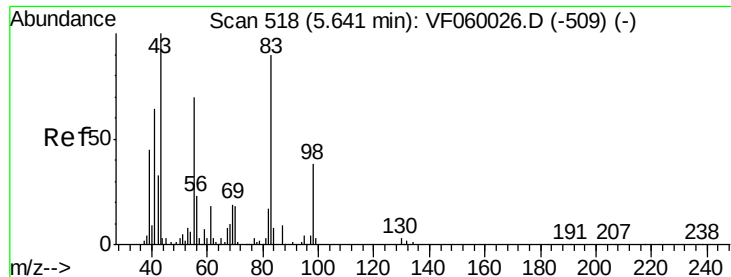
#35
Dibromofluoromethane
Concen: 27.00 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.02 min
Lab File: VF060110.D
Acq: 24 Aug 2018 19:58

Tgt Ion:113 Resp: 42613
Ion Ratio Lower Upper
113 100
111 103.3 82.7 124.1
192 17.3 13.0 19.4



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

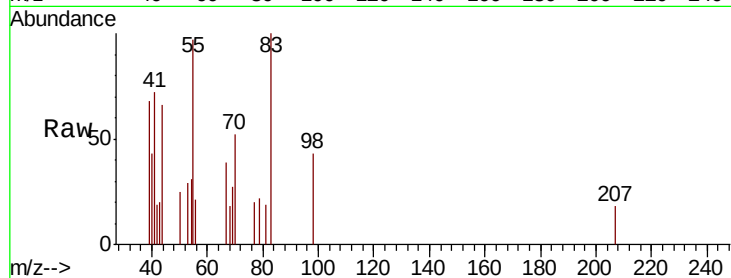




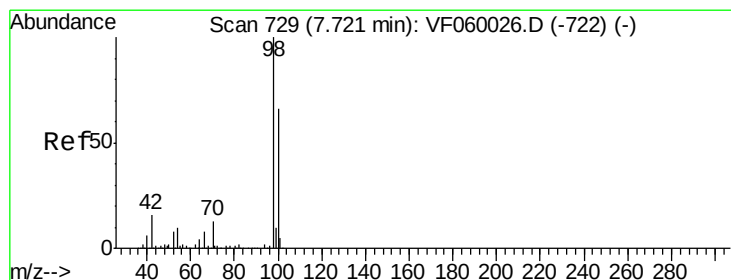
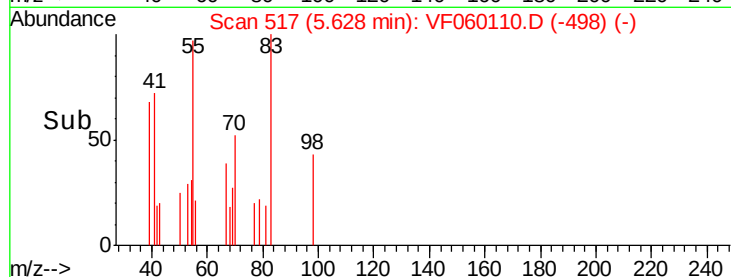
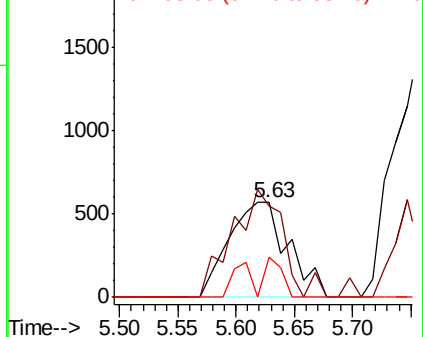
#39
Methylcyclohexane
Concen: 1.13 ug/l
RT: 5.63 min Scan# 517
Delta R.T. -0.01 min
Lab File: VF060110.D
Acq: 24 Aug 2018 19:58

Instrument :
MSVOA_F
ClientSampleId :
SU-02-082318-B

Tot Ion: 83 Resp: 2007
Ion Ratio Lower Upper
83 100
55 96.7 62.7 94.1#
98 42.8 33.8 50.8

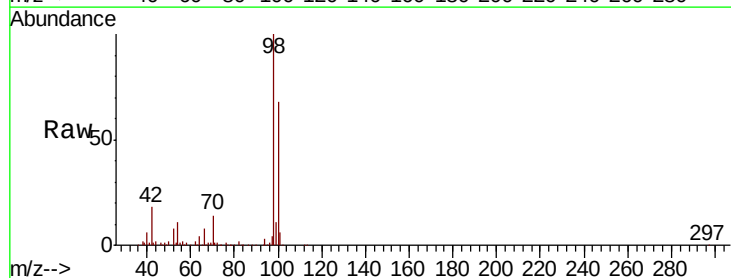


Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

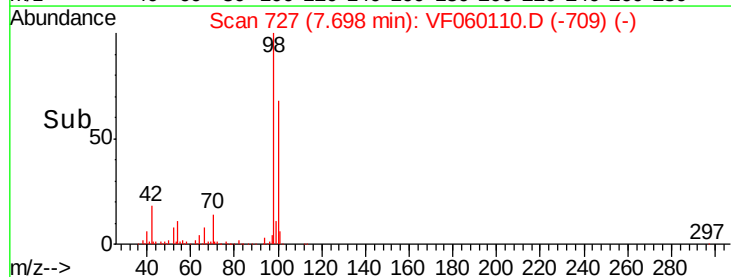
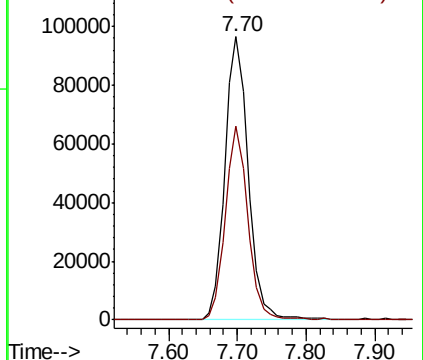


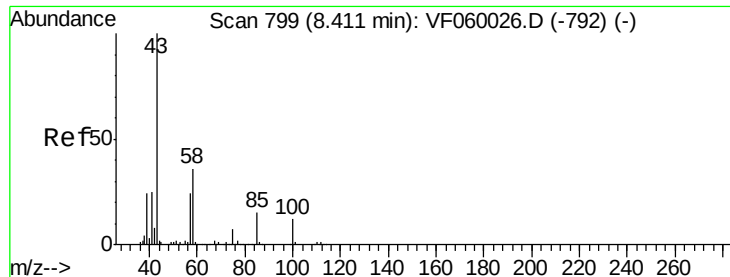
#50
Toluene-d8
Concen: 50.68 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060110.D
Acq: 24 Aug 2018 19:58

Tgt Ion: 98 Resp: 227134
Ion Ratio Lower Upper
98 100
100 68.5 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 1.60 ug/l

RT: 8.39 min Scan# 797

Delta R.T. -0.02 min

Lab File: VF060110.D

Acq: 24 Aug 2018 19:58

Instrument :

MSVOA_F

ClientSampleId :

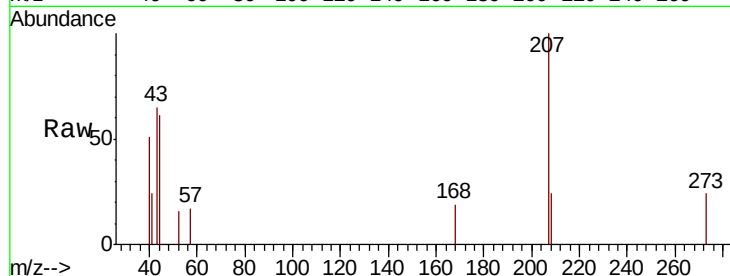
SU-02-082318-B

Tot Ion: 43 Resp: 1964

Ion Ratio Lower Upper

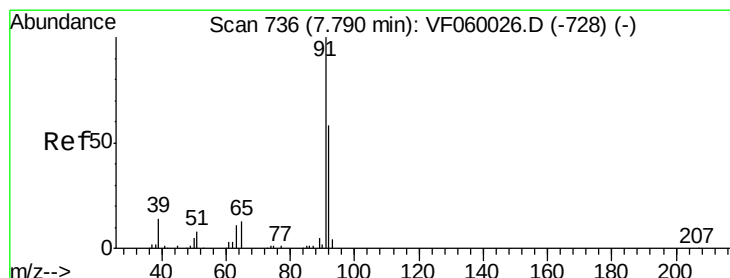
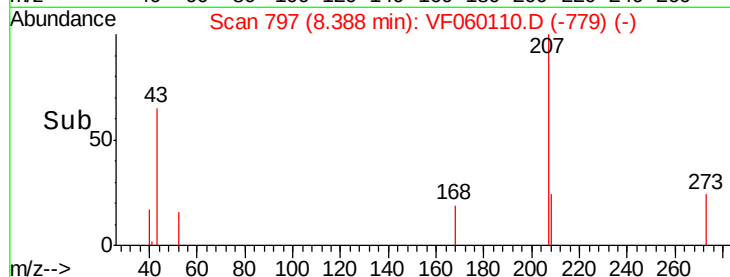
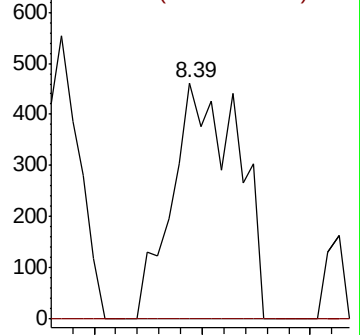
43 100

58 0.0 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 51.91 ug/l

RT: 7.77 min Scan# 734

Delta R.T. -0.02 min

Lab File: VF060110.D

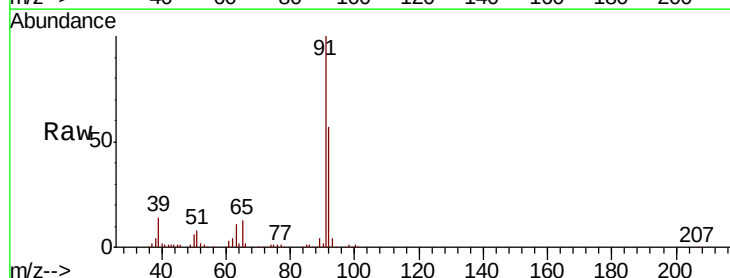
Acq: 24 Aug 2018 19:58

Tgt Ion: 92 Resp: 137263

Ion Ratio Lower Upper

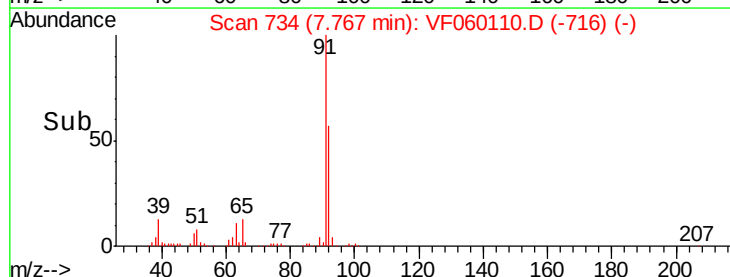
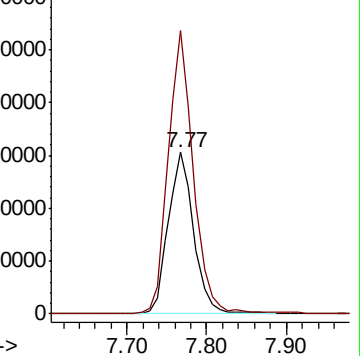
92 100

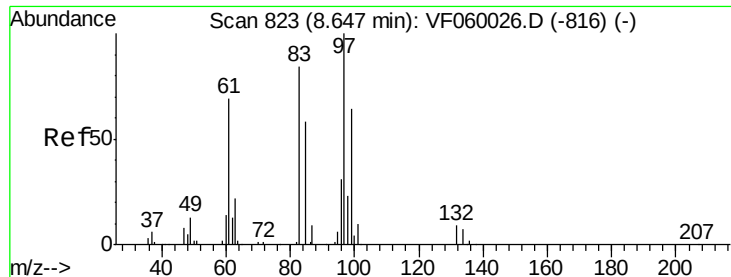
91 175.6 137.7 206.5



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#55

1,1,2-Trichloroethane

Concen: 1.21 ug/l

RT: 8.52 min Scan# 810

Delta R.T. -0.13 min

Lab File: VF060110.D

Acq: 24 Aug 2018 19:58

Instrument :

MSVOA_F

ClientSampleId :

SU-02-082318-B

Tot Ion: 97 Resp: 1349

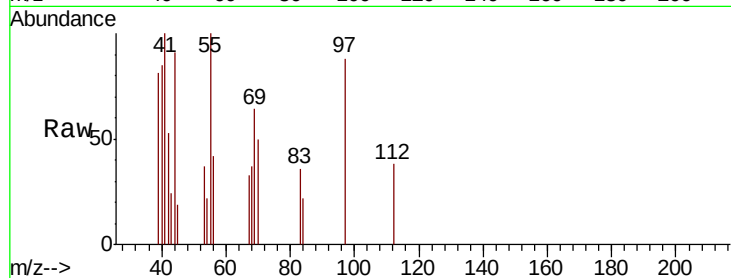
Ion Ratio Lower Upper

97 100

83 41.4 67.4 101.2#

85 0.0 46.2 69.2#

99 0.0 51.1 76.7#

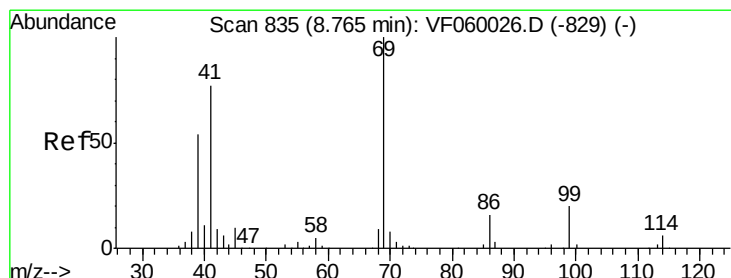
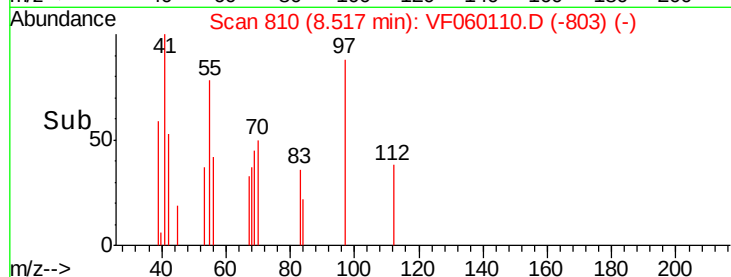
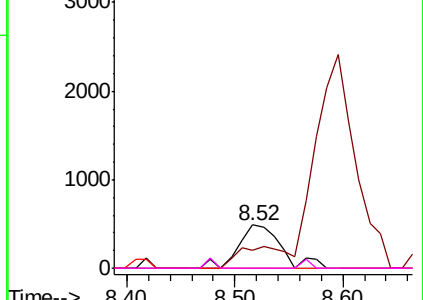


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 2.88 ug/l

RT: 8.76 min Scan# 835

Delta R.T. -0.00 min

Lab File: VF060110.D

Acq: 24 Aug 2018 19:58

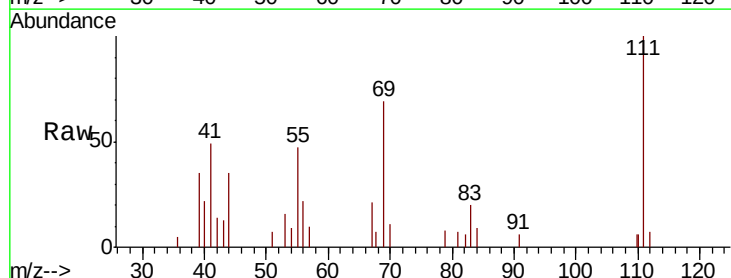
Tgt Ion: 69 Resp: 3887

Ion Ratio Lower Upper

69 100

41 70.0 61.6 92.4

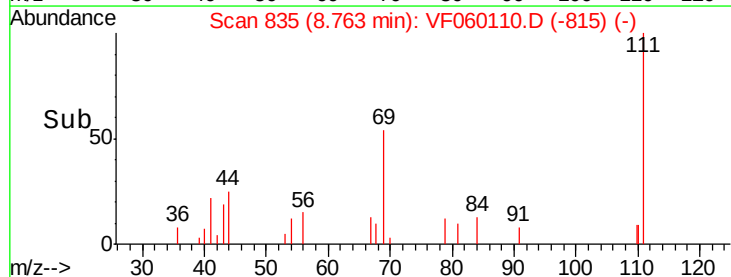
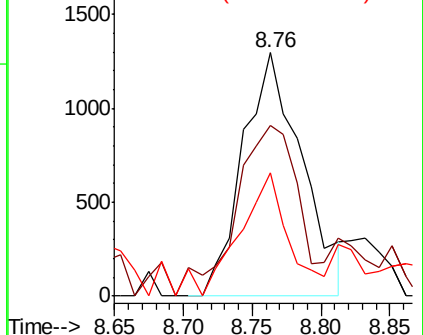
39 50.4 43.9 65.9

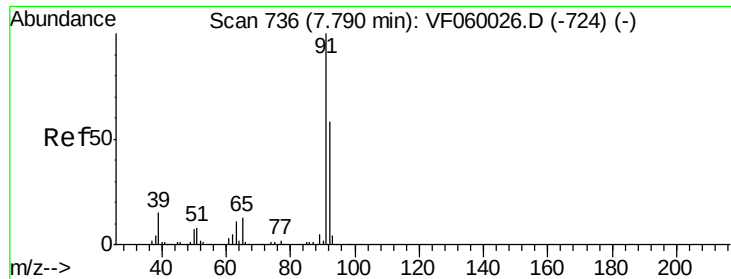


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

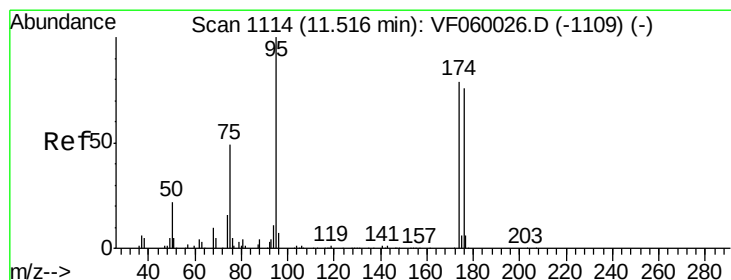
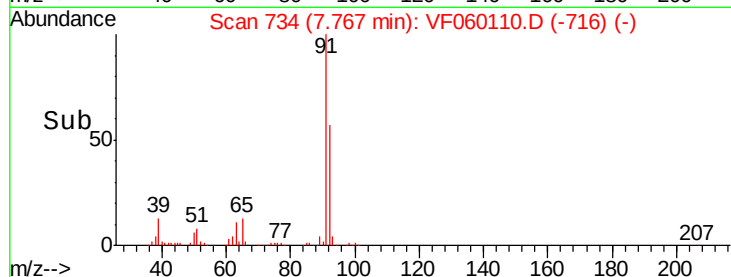
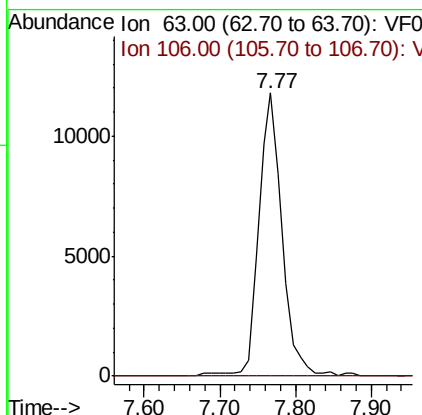
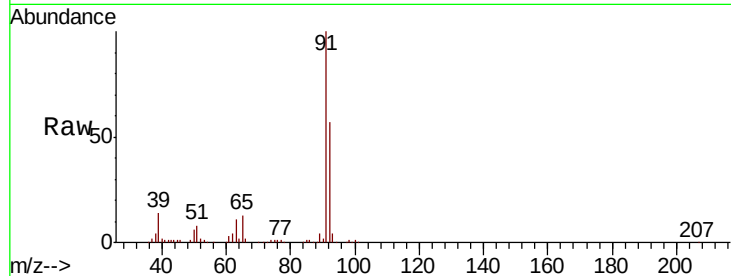




#58
 2-Chloroethyl Vinyl ether
 Concen: 237.77 ug/l
 RT: 7.77 min Scan# 734
 Delta R.T. -0.02 min
 Lab File: VF060110.D
 Acq: 24 Aug 2018 19:58

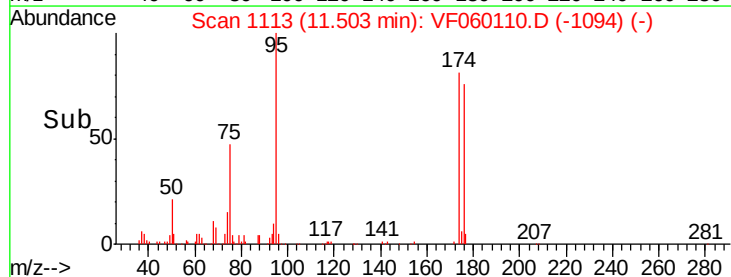
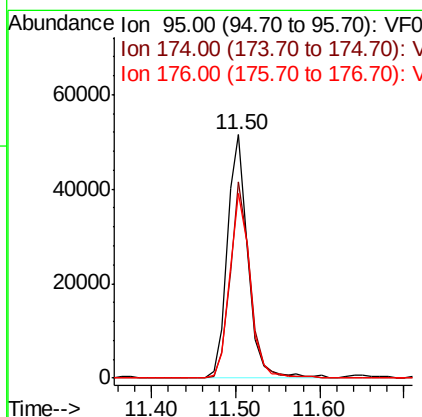
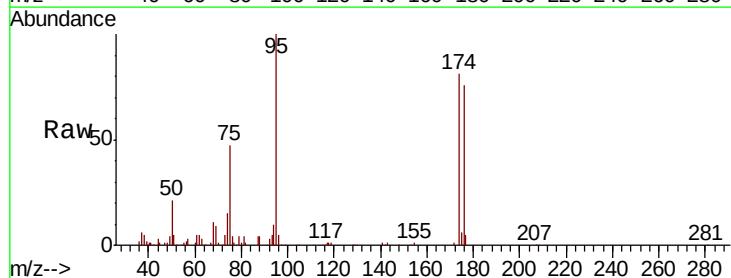
Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-082318-B

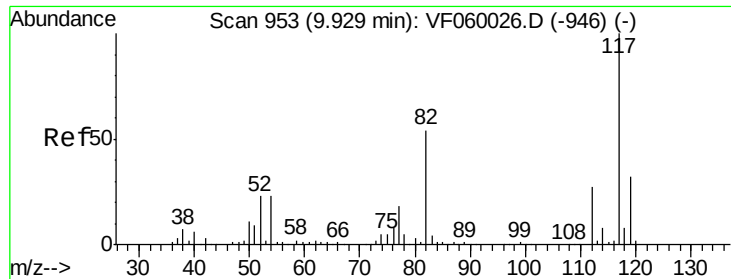
Tot Ion: 63 Resp: 25429
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#62
 4-Bromofluorobenzene
 Concen: 36.73 ug/l
 RT: 11.50 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: VF060110.D
 Acq: 24 Aug 2018 19:58

Tgt Ion: 95 Resp: 87087
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 158.4
 176 76.1 0.0 153.0

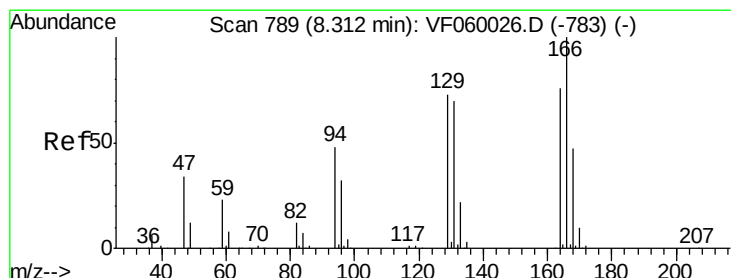
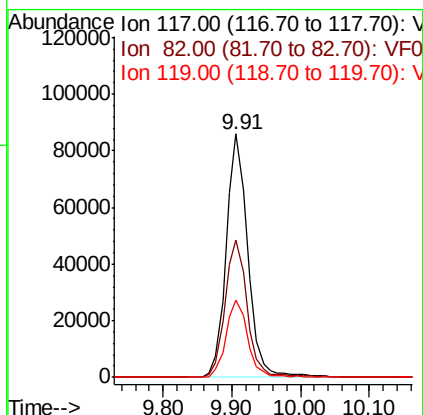
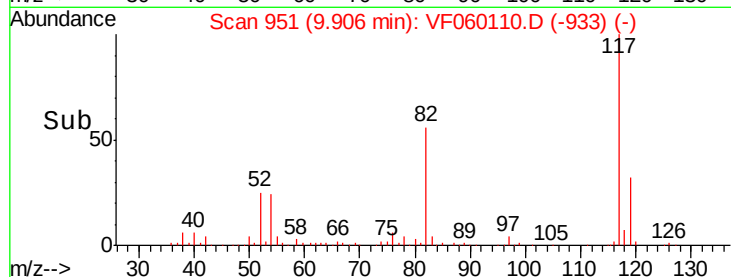
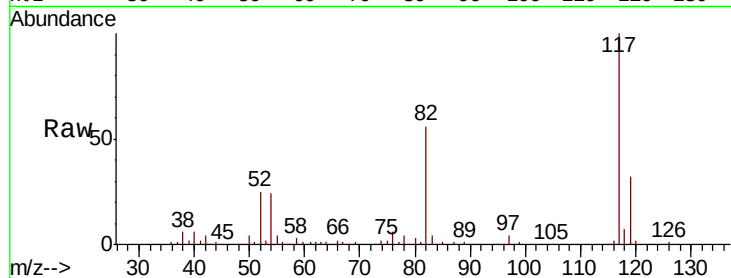




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060110.D
Acq: 24 Aug 2018 19:58

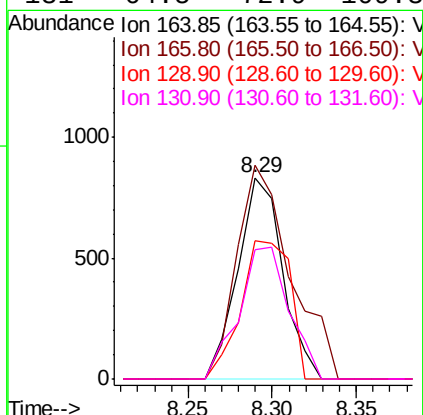
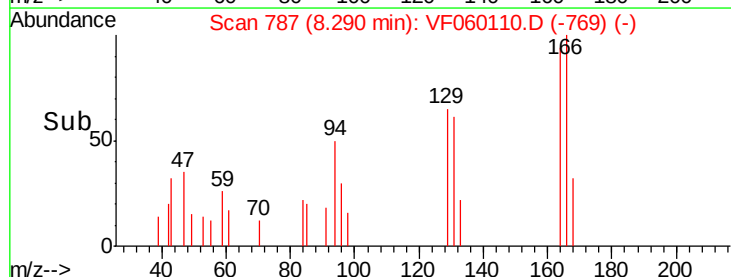
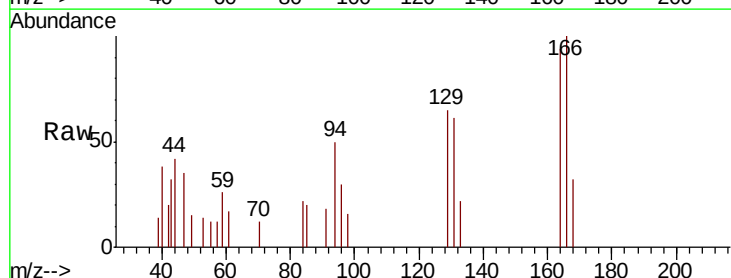
Instrument :
MSVOA_F
ClientSampleId :
SU-02-082318-B

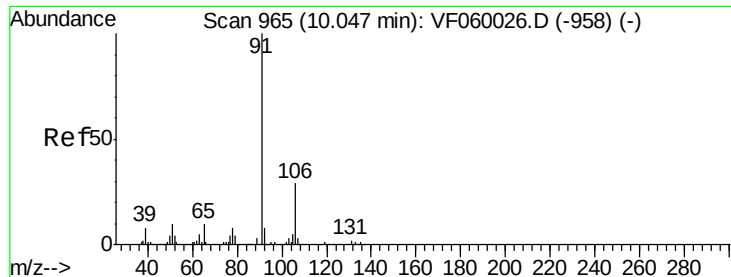
Tot Ion:117 Resp: 186590
Ion Ratio Lower Upper
117 100
82 56.4 43.6 65.4
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 1.23 ug/l
RT: 8.29 min Scan# 787
Delta R.T. -0.02 min
Lab File: VF060110.D
Acq: 24 Aug 2018 19:58

Tgt Ion:164 Resp: 1540
Ion Ratio Lower Upper
164 100
166 106.1 104.7 157.1
129 68.8 77.0 115.4#
131 64.5 72.9 109.3#





#67

Ethyl Benzene

Concen: 3.69 ug/l

RT: 10.03 min Scan# 964

Delta R.T. -0.01 min

Lab File: VF060110.D

Acq: 24 Aug 2018 19:58

Instrument :

MSVOA_F

ClientSampleId :

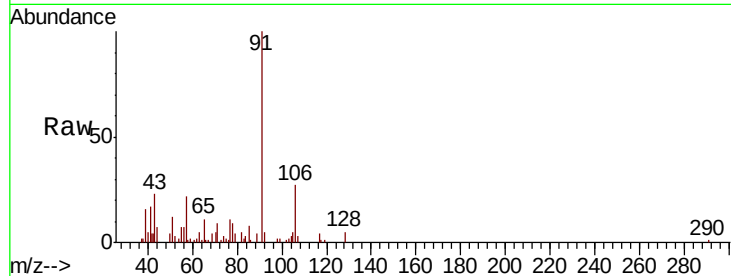
SU-02-082318-B

Tot Ion: 91 Resp: 22408

Ion Ratio Lower Upper

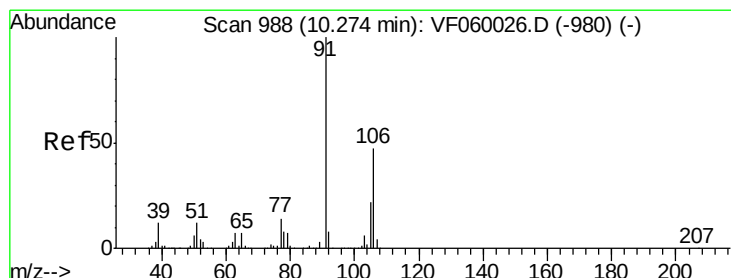
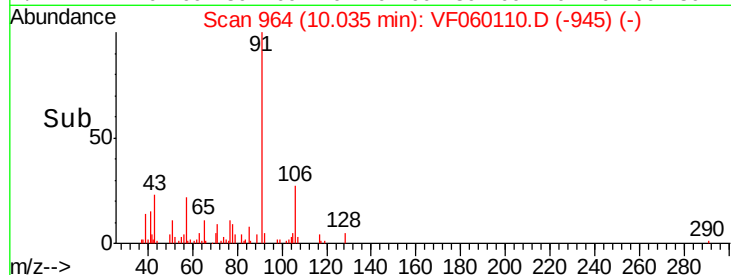
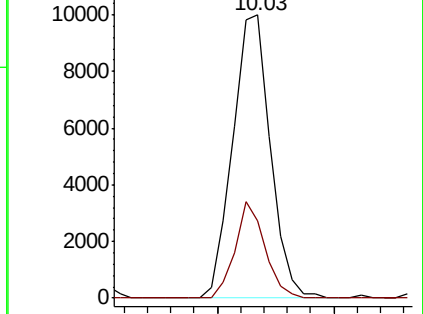
91 100

106 27.4 23.6 35.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 15.63 ug/l

RT: 10.26 min Scan# 987

Delta R.T. -0.01 min

Lab File: VF060110.D

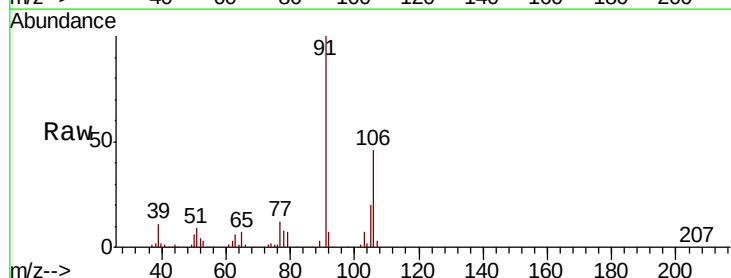
Acq: 24 Aug 2018 19:58

Tgt Ion: 106 Resp: 47227

Ion Ratio Lower Upper

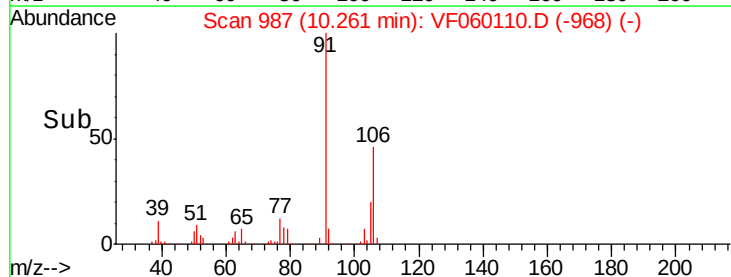
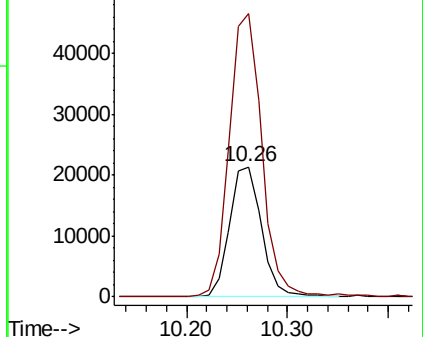
106 100

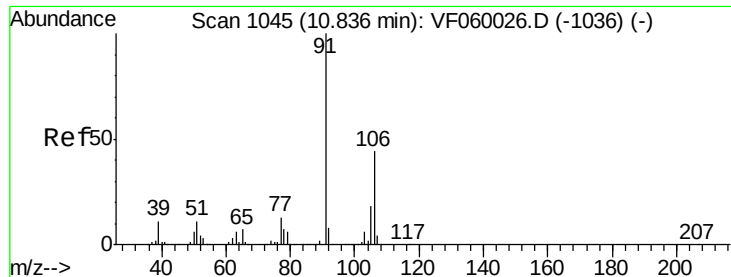
91 217.2 171.8 257.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

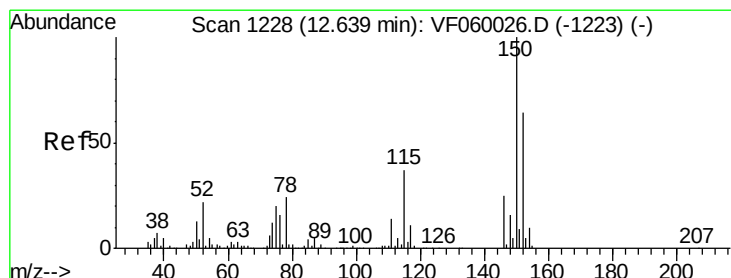
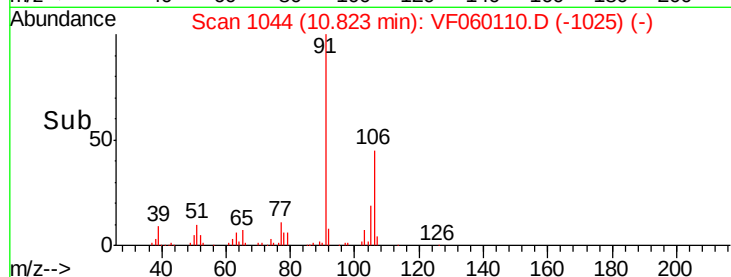
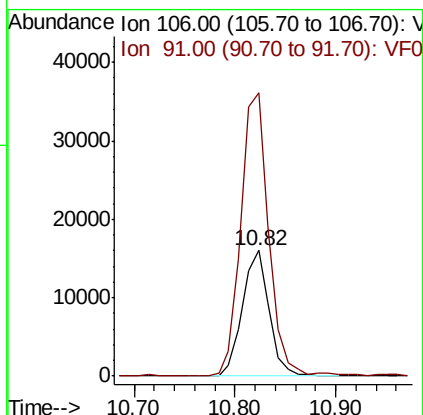
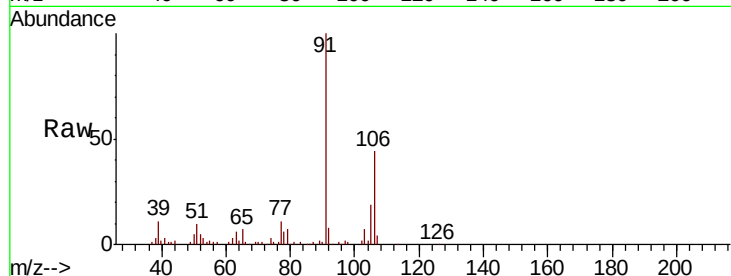




#69
o-Xylene
Concen: 12.47 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF060110.D
Acq: 24 Aug 2018 19:58

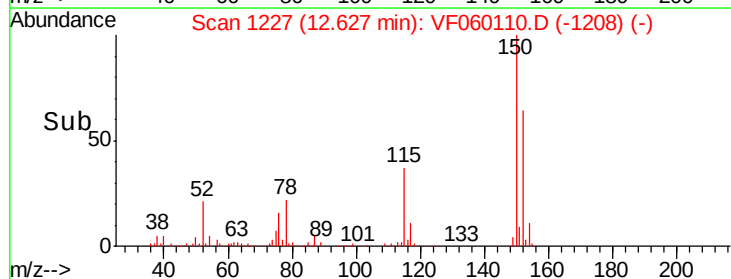
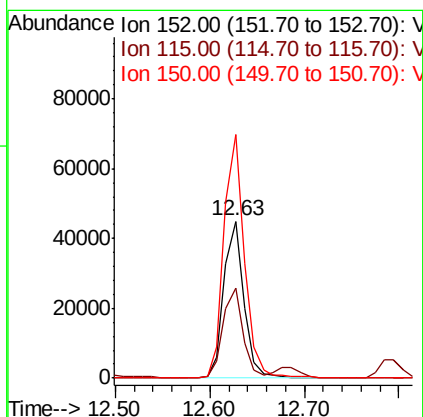
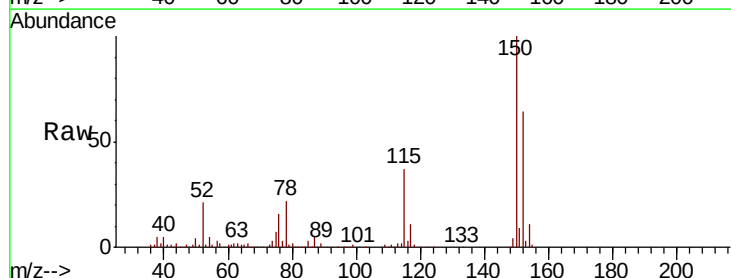
Instrument :
MSVOA_F
ClientSampleId :
SU-02-082318-B

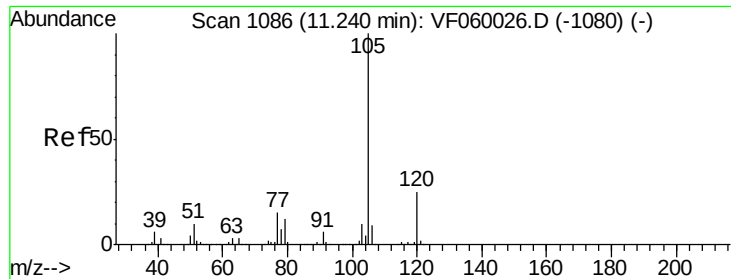
Tot Ion:106 Resp: 29704
Ion Ratio Lower Upper
106 100
91 224.8 112.5 337.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060110.D
Acq: 24 Aug 2018 19:58

Tgt Ion:152 Resp: 66290
Ion Ratio Lower Upper
152 100
115 57.1 28.6 85.9
150 155.4 0.0 312.0





#73

Isopropylbenzene

Concen: 2.46 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.02 min

Lab File: VF060110.D

Acq: 24 Aug 2018 19:58

Instrument :

MSVOA_F

ClientSampleId :

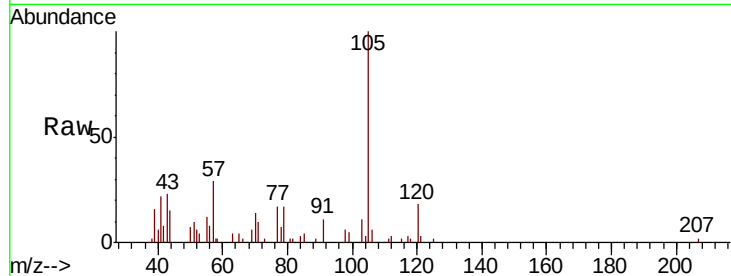
SU-02-082318-B

Tot Ion:105 Resp: 9829

Ion Ratio Lower Upper

105 100

120 17.6 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

6000

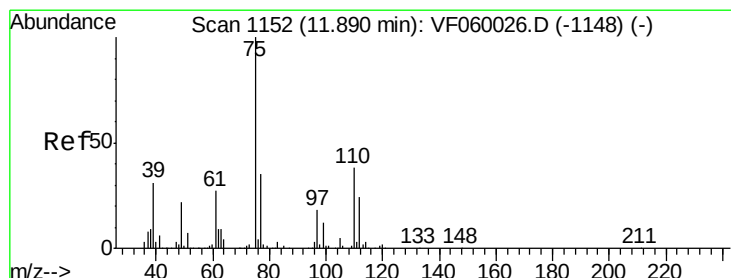
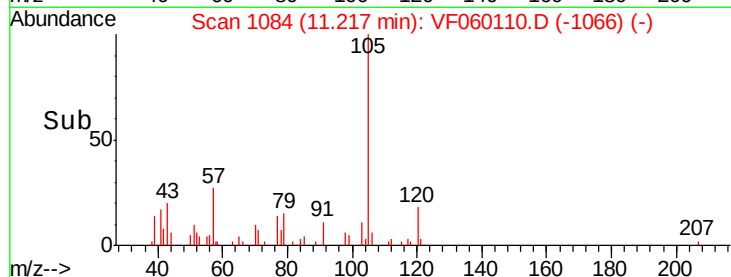
4000

2000

0

11.22

Time-->



#76

1,2,3-Trichloropropane

Concen: 1.98 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. 0.02 min

Lab File: VF060110.D

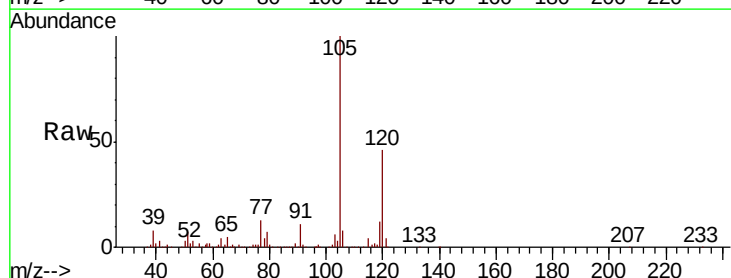
Acq: 24 Aug 2018 19:58

Tgt Ion: 75 Resp: 1337

Ion Ratio Lower Upper

75 100

77 1521.4 17.3 52.0#



Abundance Ion 75.00 (74.70 to 75.70): VF0

15000 Ion 77.00 (76.70 to 77.70): VF0

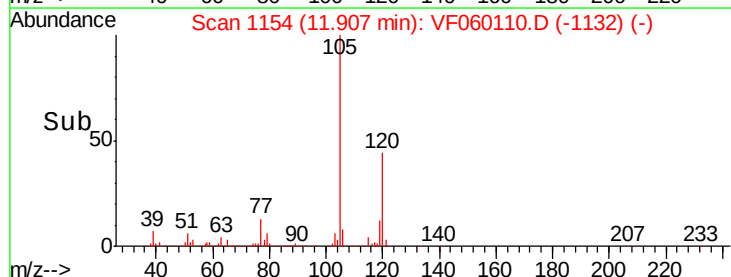
10000

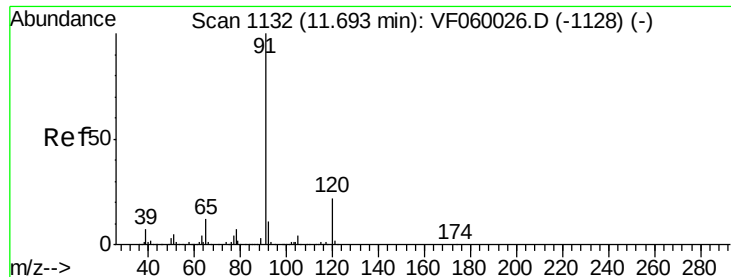
5000

0

11.91

Time-->





#78

n-propylbenzene

Concen: 6.59 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VF060110.D

Acq: 24 Aug 2018 19:58

Instrument :

MSVOA_F

ClientSampleId :

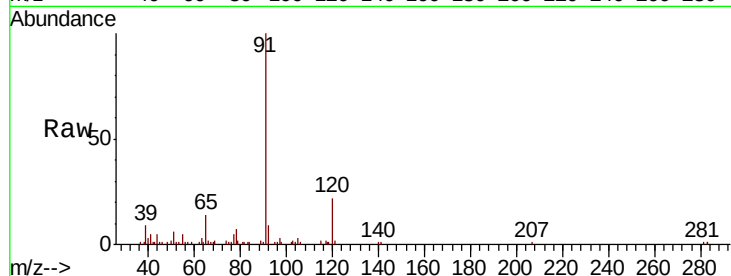
SU-02-082318-B

Tot Ion: 91 Resp: 32433

Ion Ratio Lower Upper

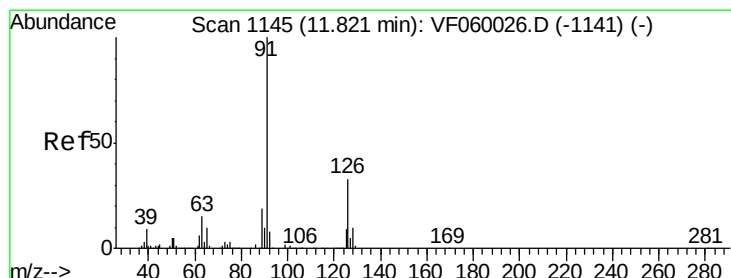
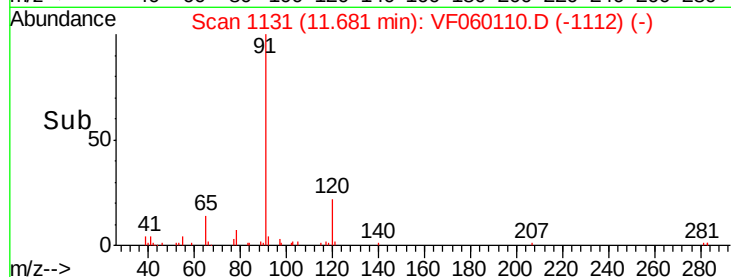
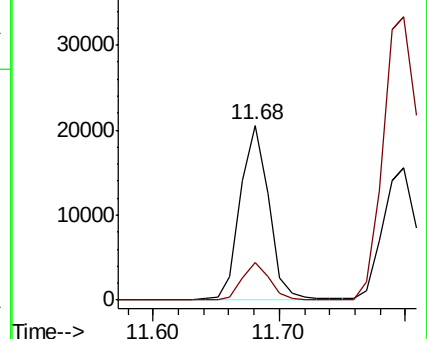
91 100

120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 10.23 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. -0.02 min

Lab File: VF060110.D

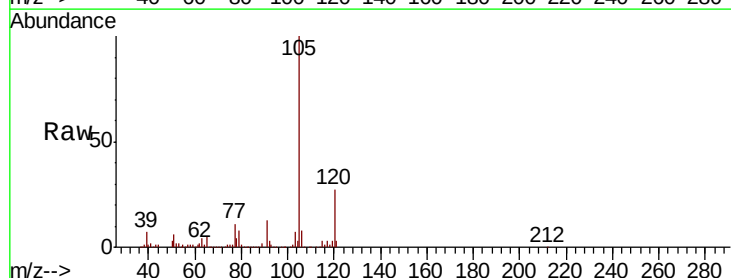
Acq: 24 Aug 2018 19:58

Tgt Ion: 91 Resp: 29621

Ion Ratio Lower Upper

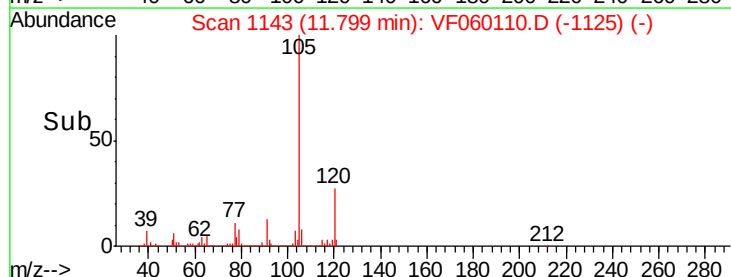
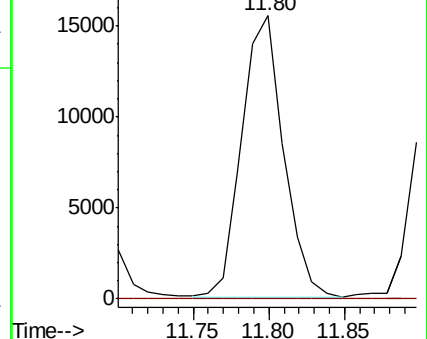
91 100

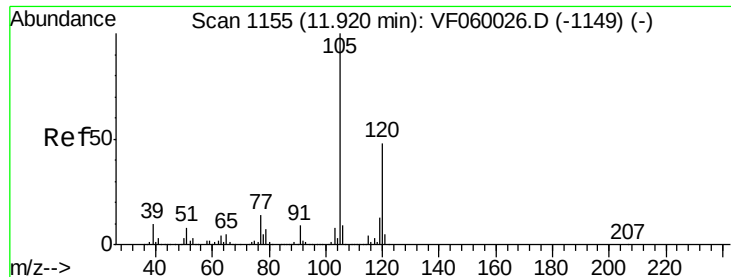
126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#80

1,3,5-Trimethylbenzene

Concen: 42.99 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. -0.01 min

Lab File: VF060110.D

Acq: 24 Aug 2018 19:58

Instrument :

MSVOA_F

ClientSampleId :

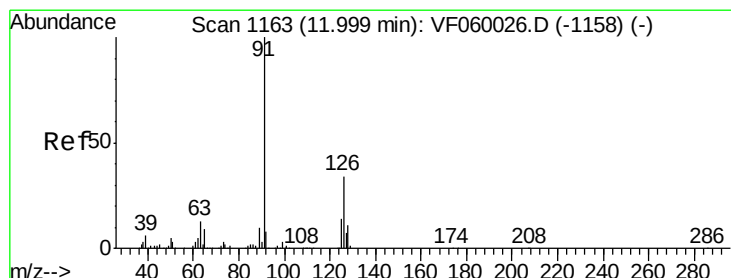
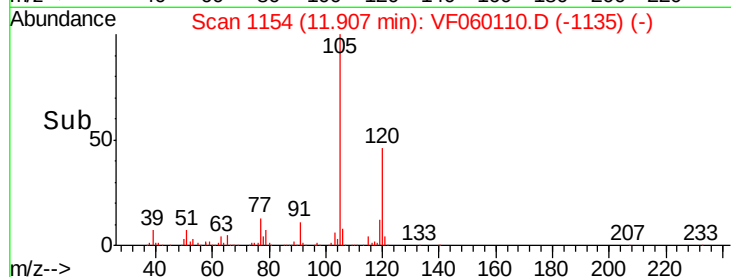
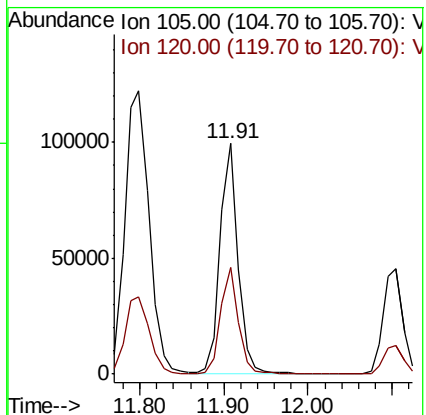
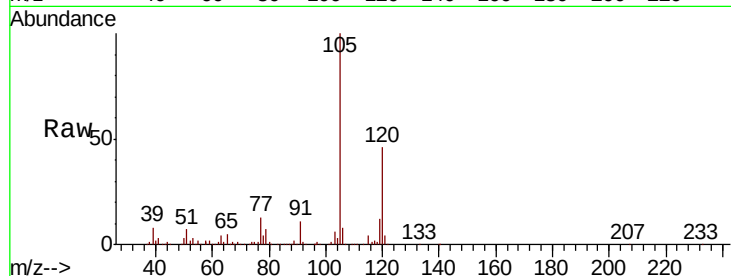
SU-02-082318-B

Tot Ion:105 Resp: 149434

Ion Ratio Lower Upper

105 100

120 46.1 23.8 71.5



#82

4-Chlorotoluene

Concen: 5.26 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. -0.09 min

Lab File: VF060110.D

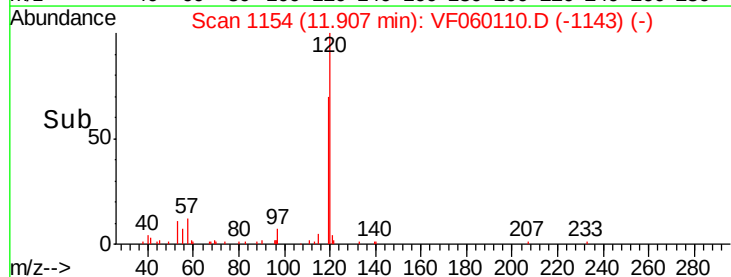
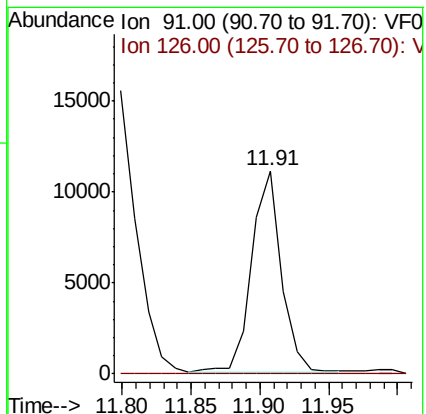
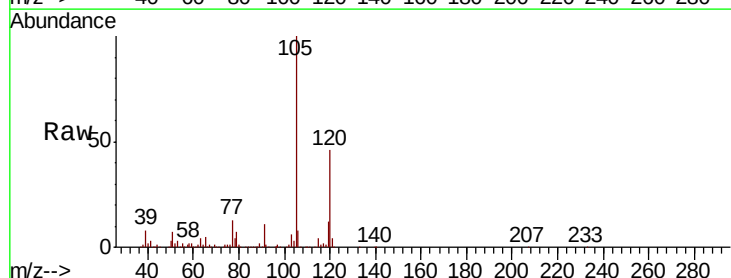
Acq: 24 Aug 2018 19:58

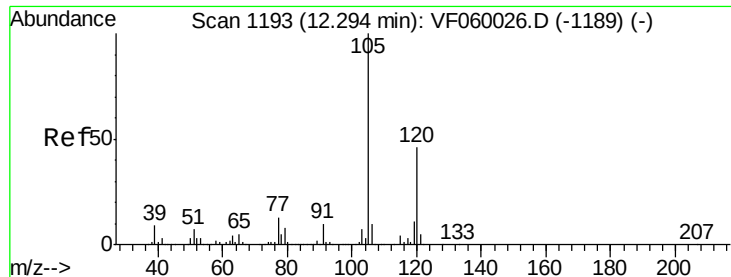
Tgt Ion: 91 Resp: 16540

Ion Ratio Lower Upper

91 100

126 0.0 17.0 50.9#

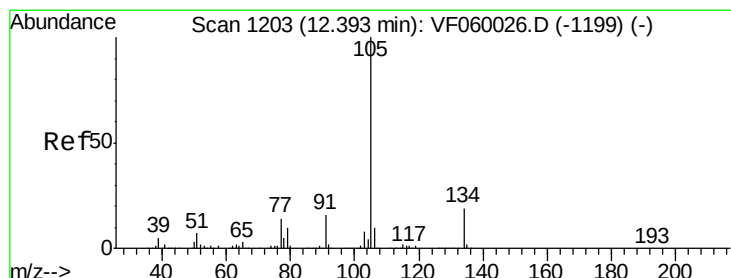
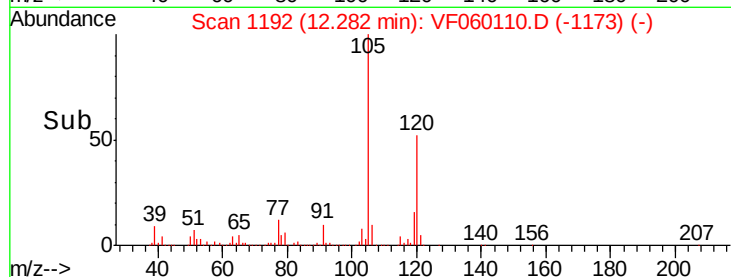
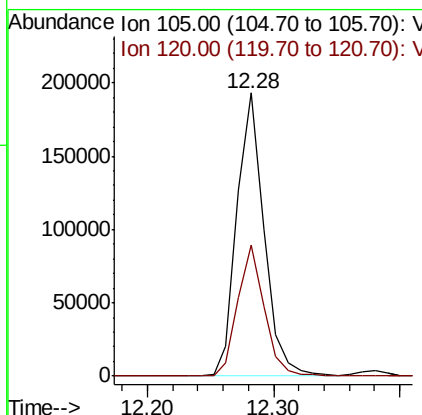
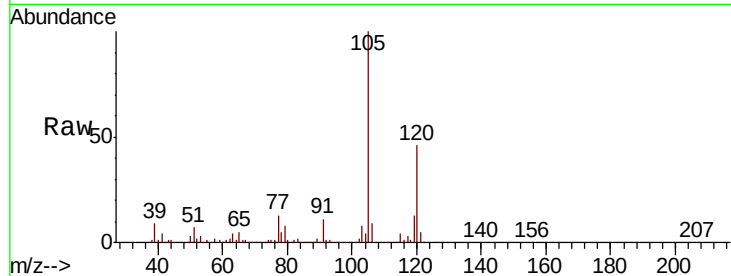




#84
 1,2,4-Trimethylbenzene
 Concen: 78.00 ug/l
 RT: 12.28 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: VF060110.D
 Acq: 24 Aug 2018 19:58

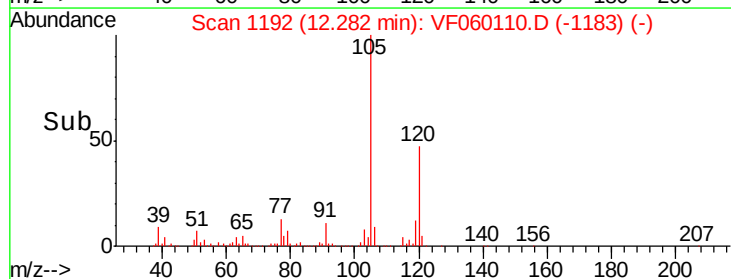
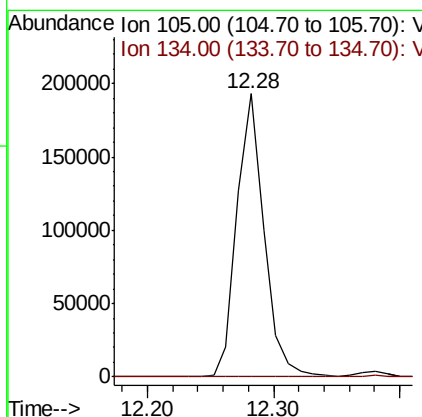
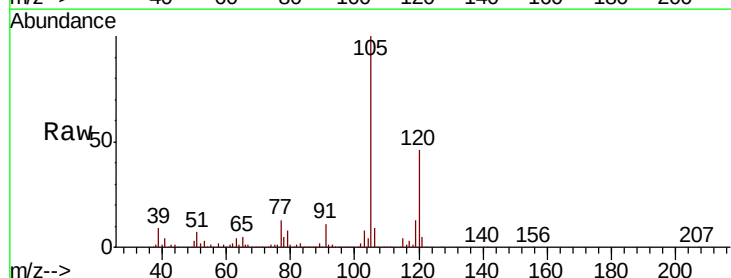
Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-082318-B

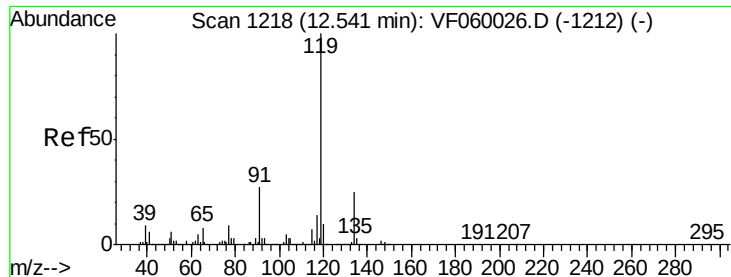
Tot Ion:105 Resp: 288270
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.8



#85
 sec-Butylbenzene
 Concen: 61.07 ug/l
 RT: 12.28 min Scan# 1192
 Delta R.T. -0.11 min
 Lab File: VF060110.D
 Acq: 24 Aug 2018 19:58

Tgt Ion:105 Resp: 288270
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 27.9#

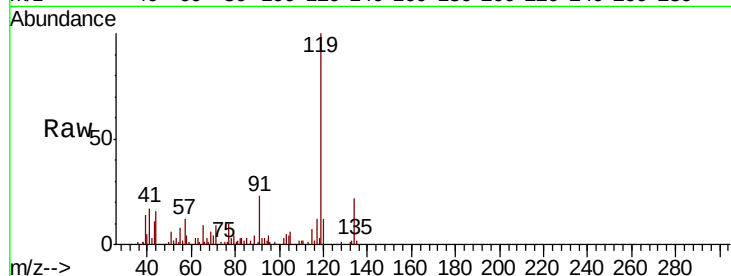




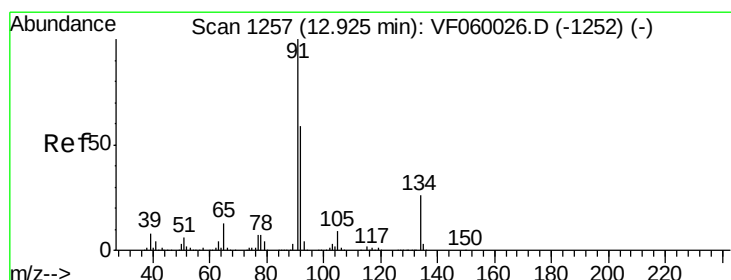
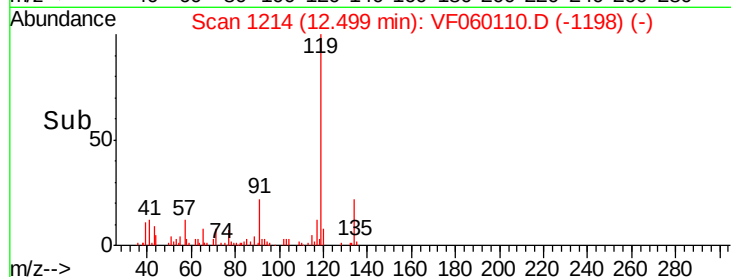
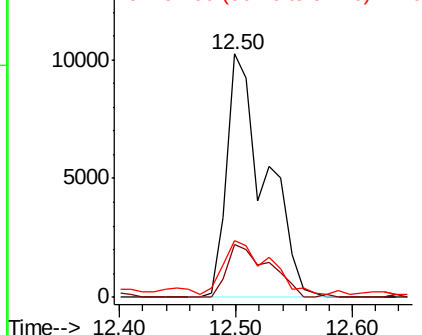
#86
p-Isopropyltoluene
Concen: 6.03 ug/l
RT: 12.50 min Scan# 1214
Delta R.T. -0.04 min
Lab File: VF060110.D
Acq: 24 Aug 2018 19:58

Instrument :
MSVOA_F
ClientSampleId :
SU-02-082318-B

Tot Ion	Ratio	Lower	Upper
119	100		
134	21.8	12.4	37.2
91	23.2	13.5	40.4

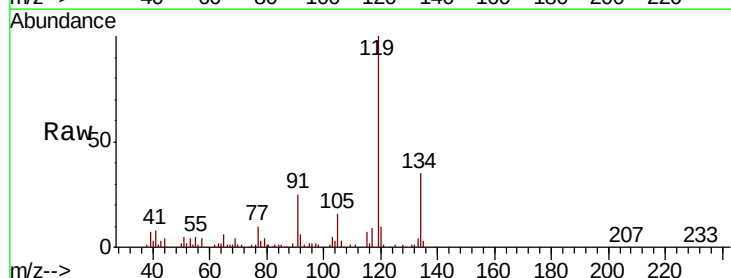


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

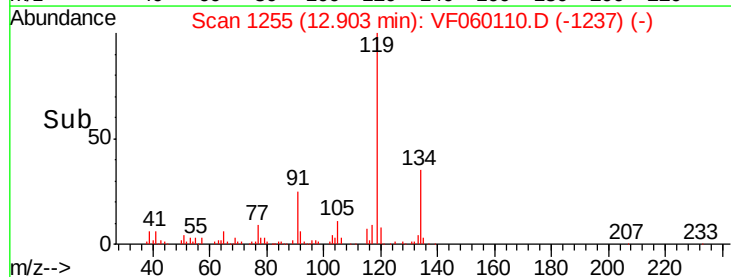
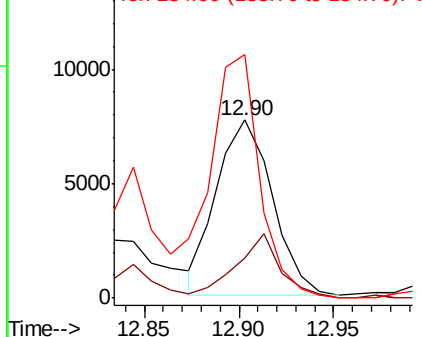


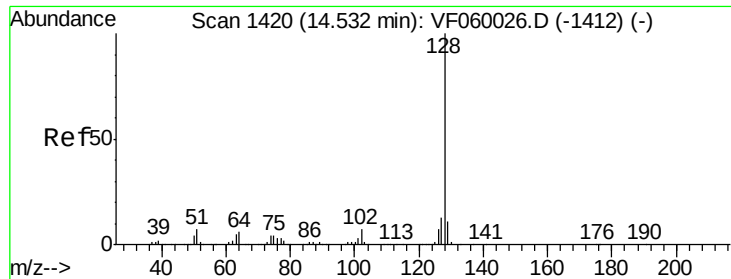
#89
n-Butylbenzene
Concen: 4.15 ug/l
RT: 12.90 min Scan# 1255
Delta R.T. -0.02 min
Lab File: VF060110.D
Acq: 24 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	22.8	29.3	87.9#
134	136.6	12.8	38.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 92.00 (91.70 to 92.70): VF0
Ion 134.00 (133.70 to 134.70): V

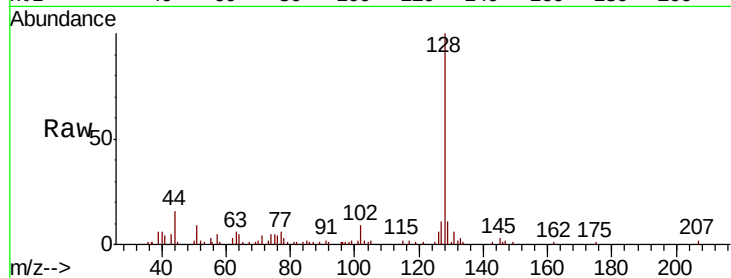




#95
Naphthalene
Concen: 10.04 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.01 min
Lab File: VF060110.D
Acq: 24 Aug 2018 19:58

Instrument :
MSVOA_F
ClientSampleId :
SU-02-082318-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.4	15.6
129	11.4	8.5	12.7



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

