

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081018\
 Data File : VF059948.D
 Acq On : 10 Aug 2018 16:52
 Operator : VA/AP
 Sample : J4394-02RE
 Misc : 10.69g/5mL/MSVOA_F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-EF-01-006-ABCD

Quant Time: Aug 10 23:04:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

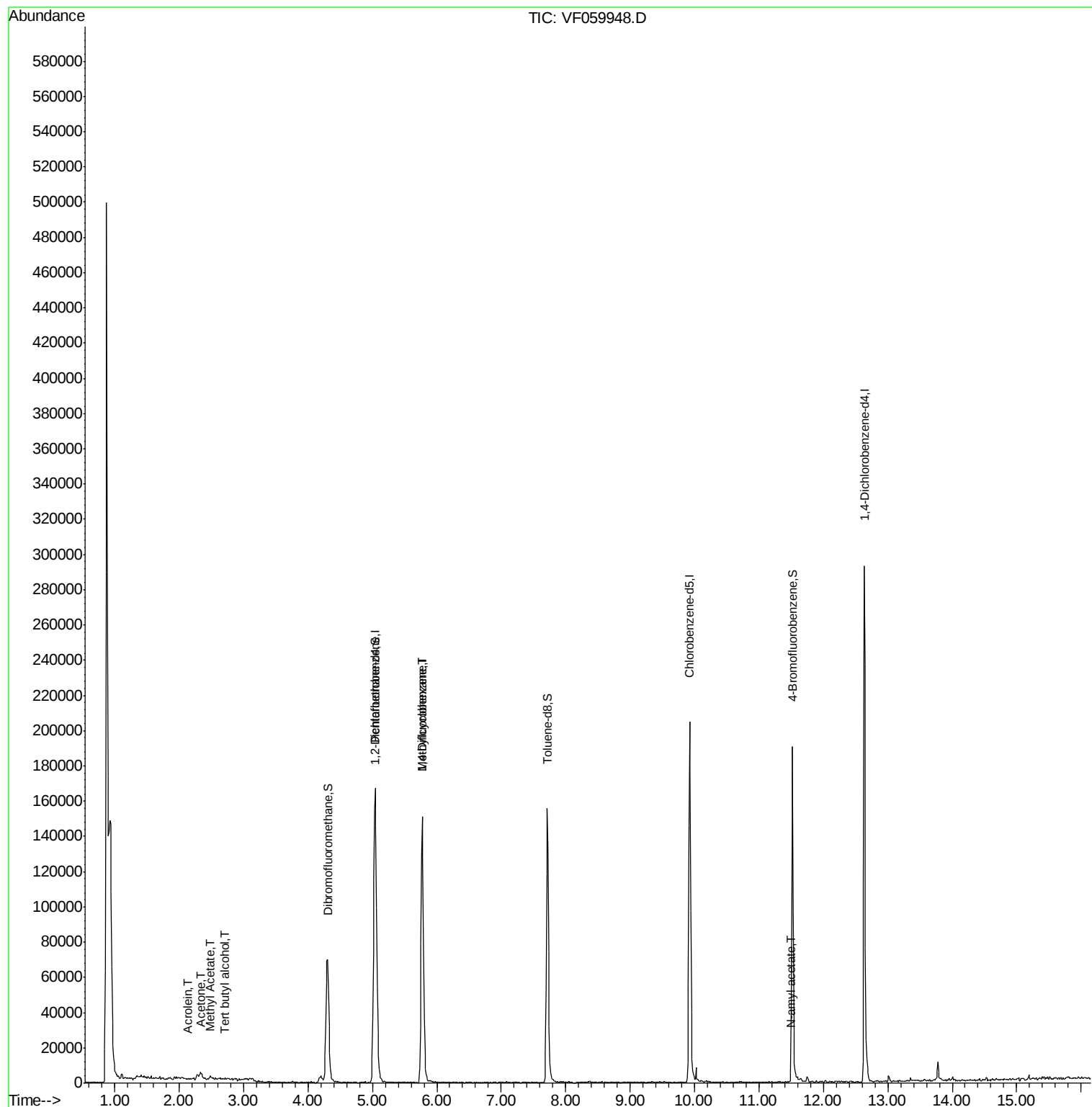
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	100043	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	136264	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	126611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	72366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	82649	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
35) Dibromofluoromethane	4.31	113	62469	46.08	ug/l	0.01
Spiked Amount 50.000			Recovery	=	92.16%	
50) Toluene-d8	7.72	98	117053	40.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.16%	
62) 4-Bromofluorobenzene	11.52	95	61119	37.70	ug/l	0.01
Spiked Amount 50.000			Recovery	=	75.40%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.70	59	405	5.567	ug/l #	74
13) Acrolein	2.15	56	91	2.087	ug/l #	9
16) Acetone	2.33	43	2121	6.370	ug/l #	70
18) Methyl Acetate	2.48	43	852	1.517	ug/l #	56
20) Methylene Chloride	2.28	84	844	Below Cal	#	89
39) Methylcyclohexane	5.77	83	2793	2.363	ug/l #	45
74) N-aryl acetate	11.48	43	96	3.040	ug/l #	48

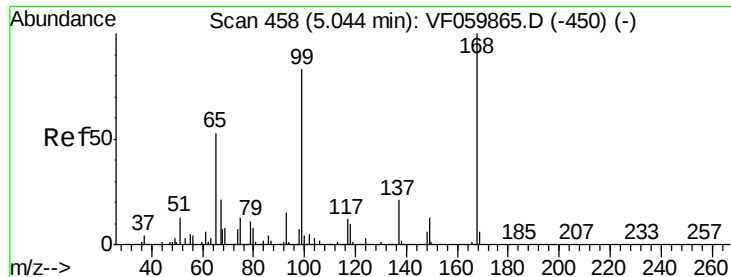
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 04 07:08:36 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF059948.D

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MSVOA_F

ClientSampleId :

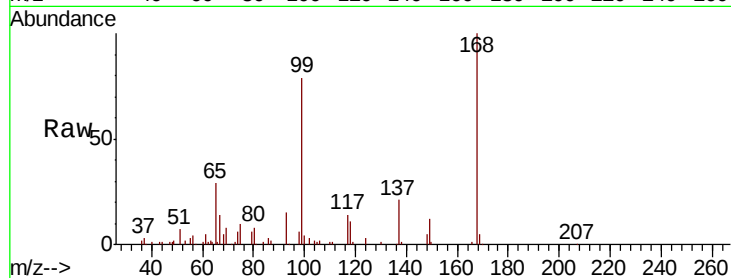
FK-EF-01-006-ABCD

Tgt Ion:168 Resp: 100043

Ion Ratio Lower Upper

168 100

99 79.0 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

40000

30000

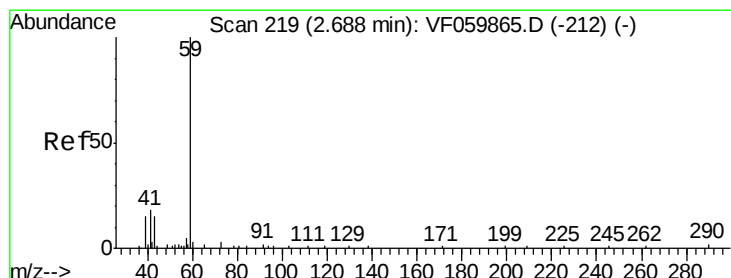
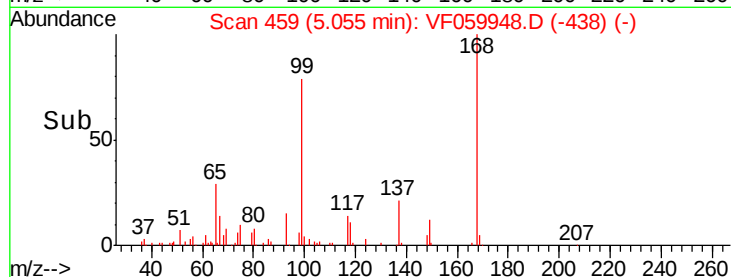
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#11

Tert butyl alcohol

Concen: 5.567 ug/l

RT: 2.70 min Scan# 220

Delta R.T. 0.01 min

Lab File: VF059948.D

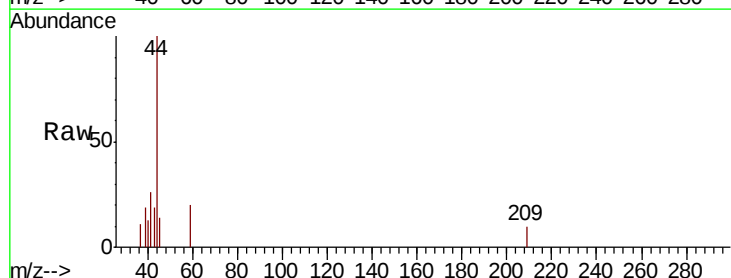
Acq: 10 Aug 2018 16:52

Tgt Ion: 59 Resp: 405

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

2.70

250

200

150

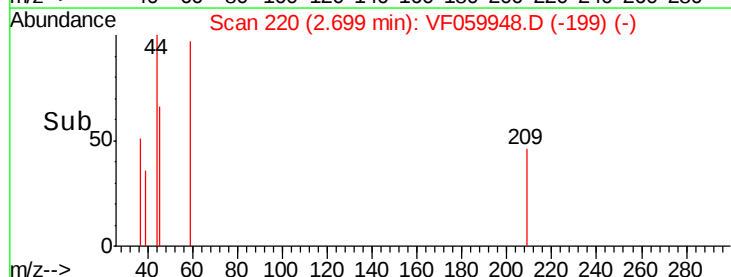
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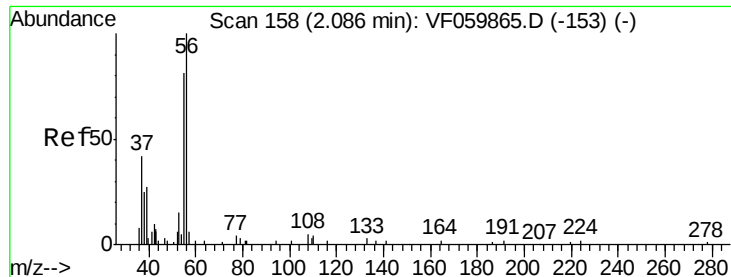
50

0

Time-->

2.65 2.70 2.75





#13

Acrolein

Concen: 2.087 ug/l

RT: 2.15 min Scan# 164

Delta R.T. 0.06 min

Lab File: VF059948.D

Acq: 10 Aug 2018 16:52

Instrument :

MSVOA_F

ClientSampleId :

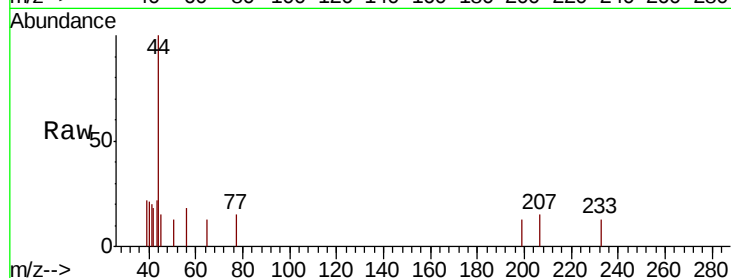
FK-EF-01-006-ABCD

Tgt Ion: 56 Resp: 91

Ion Ratio Lower Upper

56 100

55 0.0 64.6 96.8#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

2.15

150

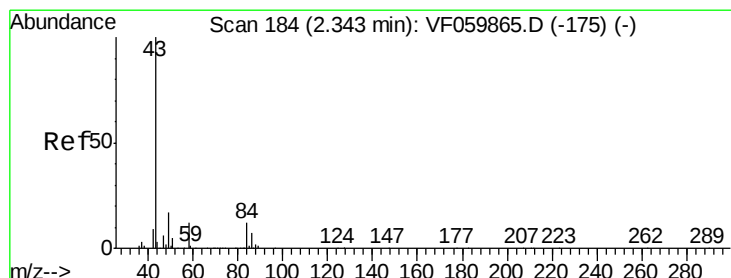
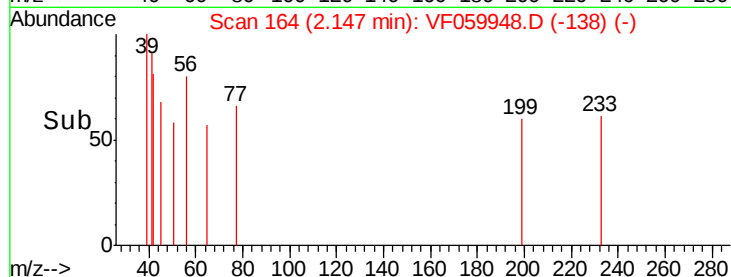
100

50

0

2.12 2.14 2.16 2.18

Time-->



#16

Acetone

Concen: 6.370 ug/l

RT: 2.33 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF059948.D

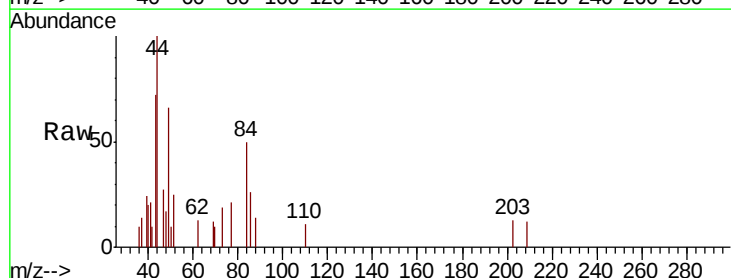
Acq: 10 Aug 2018 16:52

Tgt Ion: 43 Resp: 2121

Ion Ratio Lower Upper

43 100

58 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

800

600

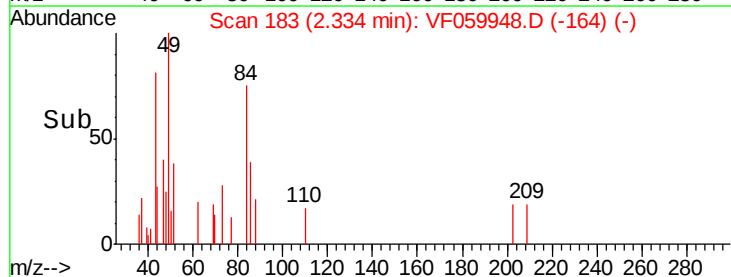
400

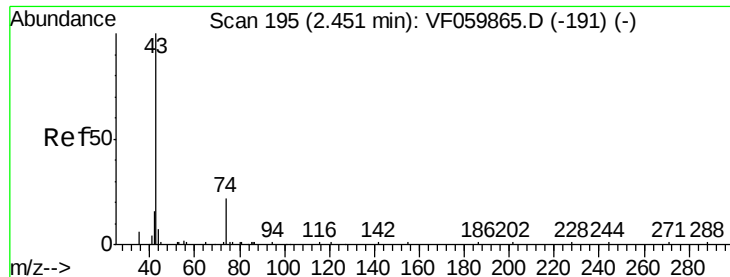
200

0

2.25 2.30 2.35 2.40

Time-->

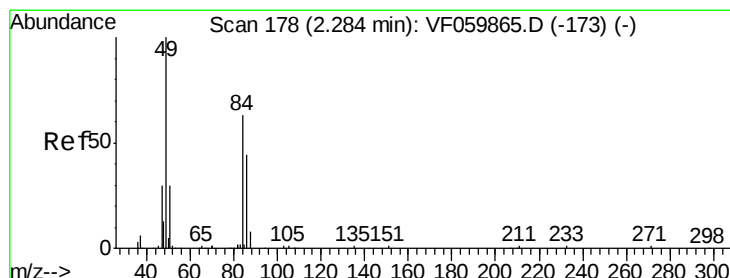
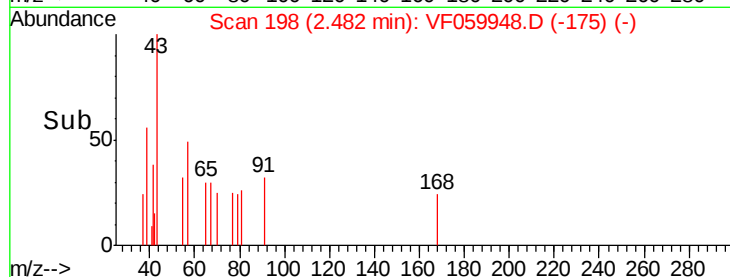
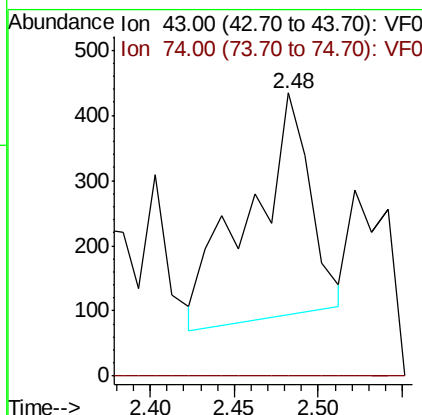
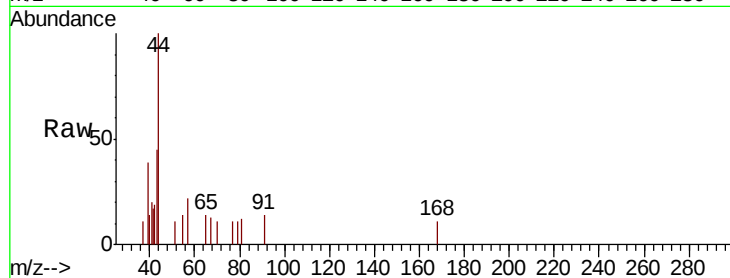




#18
Methyl Acetate
Concen: 1.517 ug/l
RT: 2.48 min Scan# 198
Delta R.T. 0.03 min
Lab File: VF059948.D
Acq: 10 Aug 2018 16:52

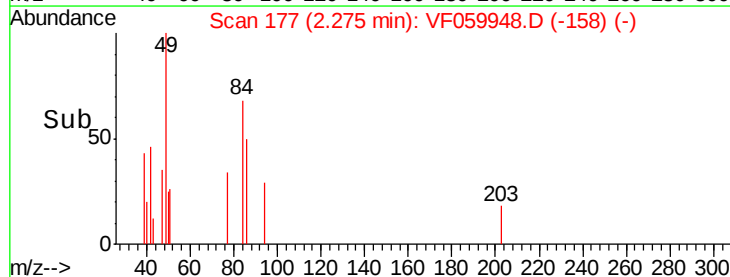
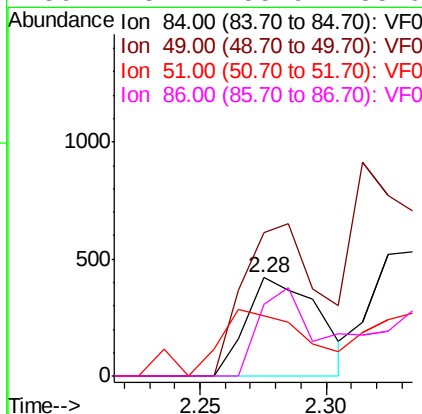
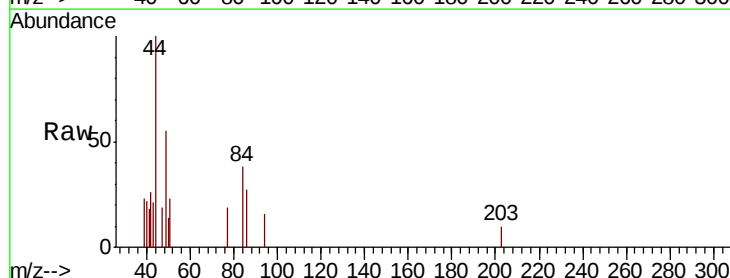
Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-006-ABCD

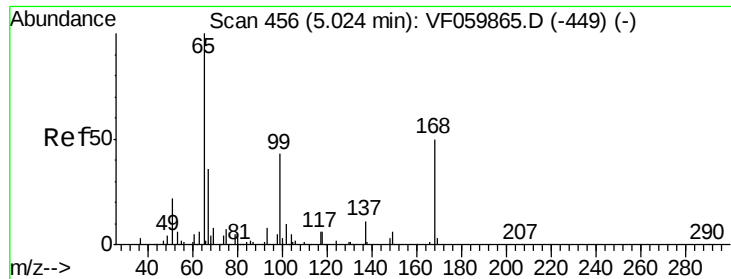
Tgt Ion: 43 Resp: 852
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 177
Delta R.T. -0.01 min
Lab File: VF059948.D
Acq: 10 Aug 2018 16:52

Tgt Ion: 84 Resp: 844
Ion Ratio Lower Upper
84 100
49 146.2 128.7 193.1
51 61.9 39.3 58.9#
86 73.1 55.9 83.9

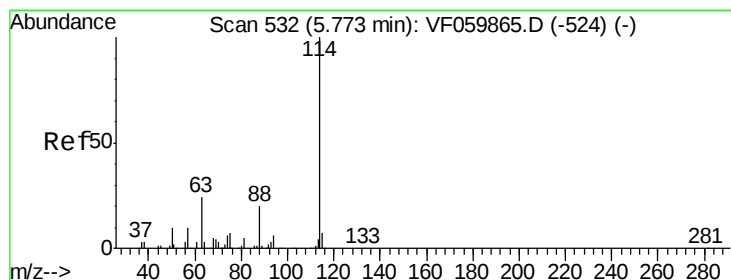
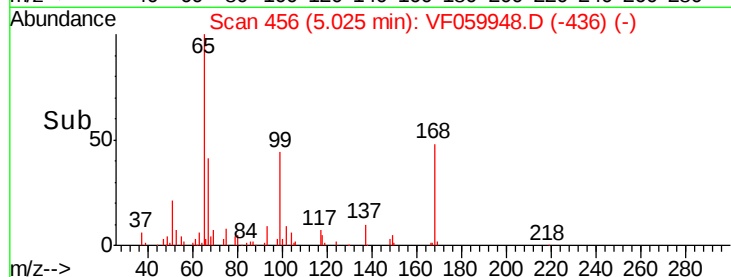
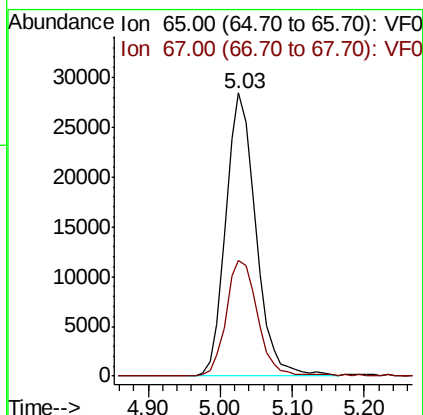
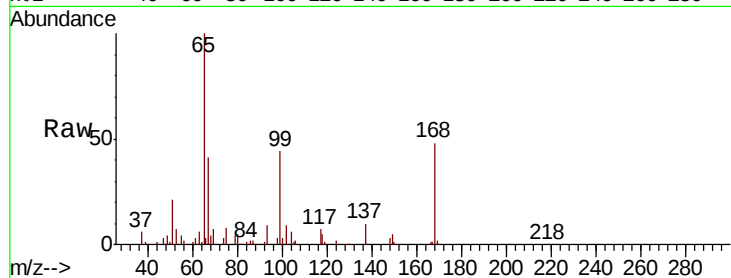




#33
 1,2-Dichloroethane-d4
 Concen: 45.824 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: VF059948.D
 Acq: 10 Aug 2018 16:52

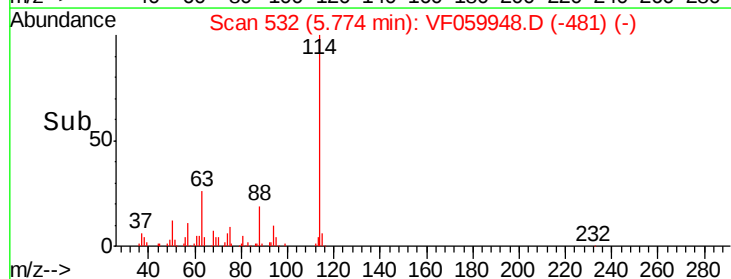
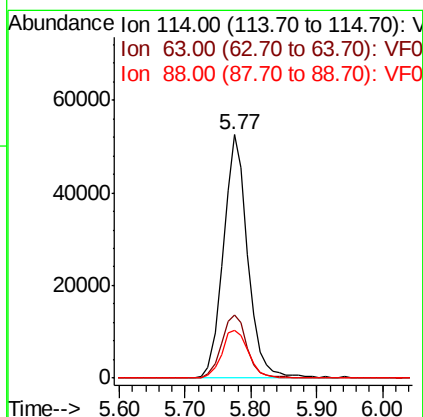
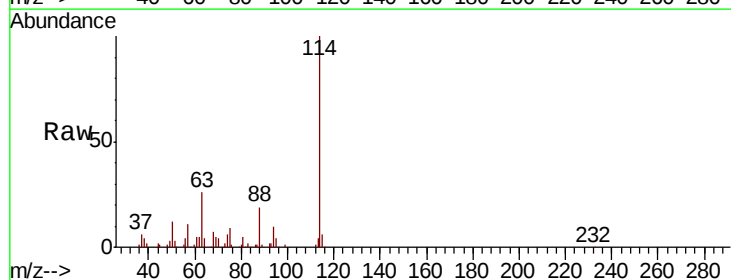
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 ClientSampleId :
 FK-EF-01-006-ABCD

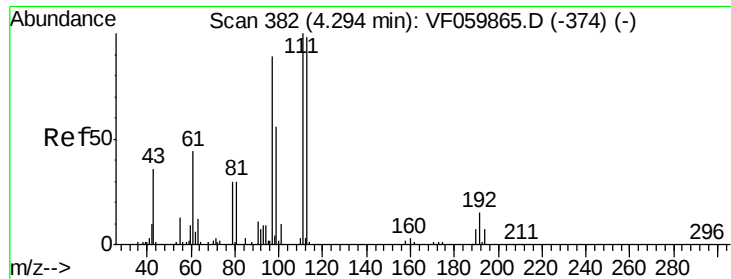
Tgt Ion: 65 Resp: 82649
 Ion Ratio Lower Upper
 65 100
 67 40.9 0.0 77.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VF059948.D
 Acq: 10 Aug 2018 16:52

Tgt Ion: 114 Resp: 136264
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 48.0
 88 19.5 0.0 39.4

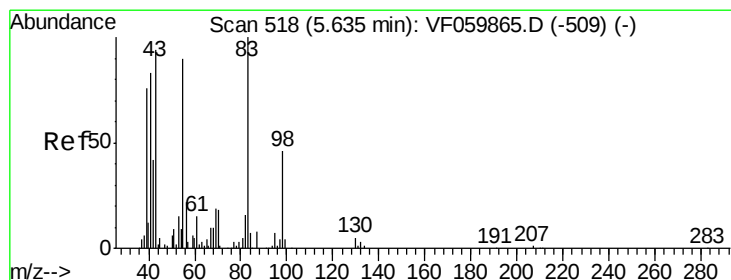
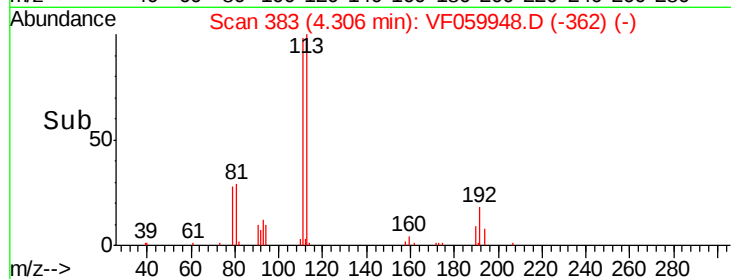
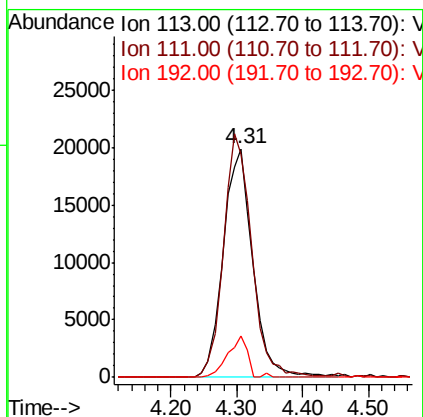
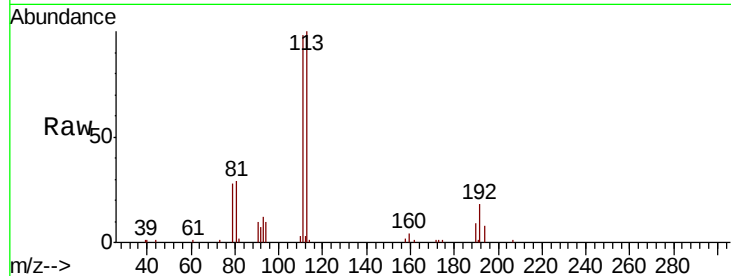




#35
 Dibromofluoromethane
 Concen: 46.077 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: VF059948.D
 Acq: 10 Aug 2018 16:52

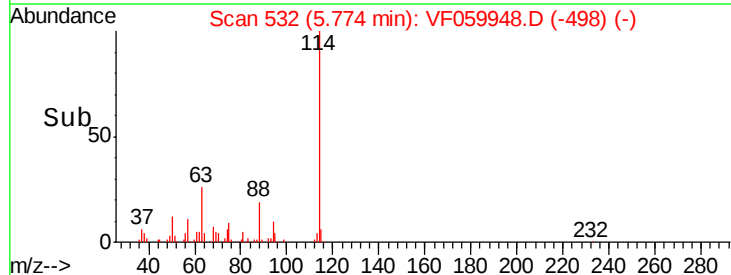
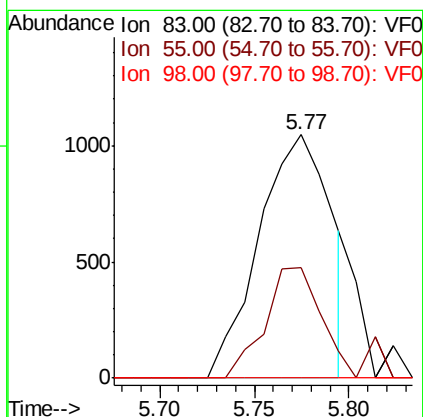
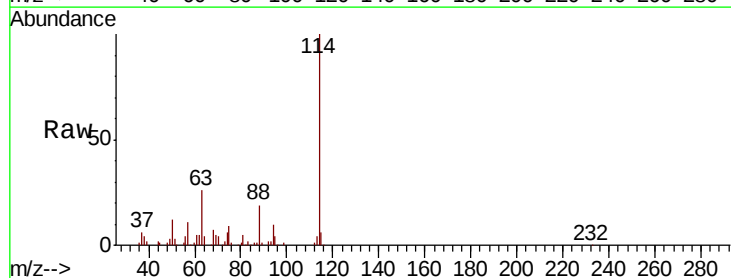
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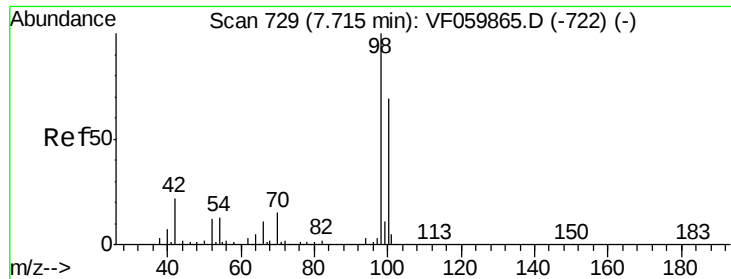
Tgt Ion: 113 Resp: 62469
 Ion Ratio Lower Upper
 113 100
 111 97.9 81.8 122.8
 192 18.1 12.4 18.6



#39
 Methylcyclohexane
 Concen: 2.363 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. 0.14 min
 Lab File: VF059948.D
 Acq: 10 Aug 2018 16:52

Tgt Ion: 83 Resp: 2793
 Ion Ratio Lower Upper
 83 100
 55 45.5 72.0 108.0#
 98 0.0 36.6 54.8#

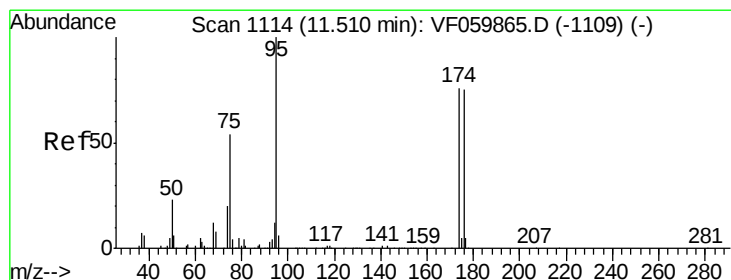
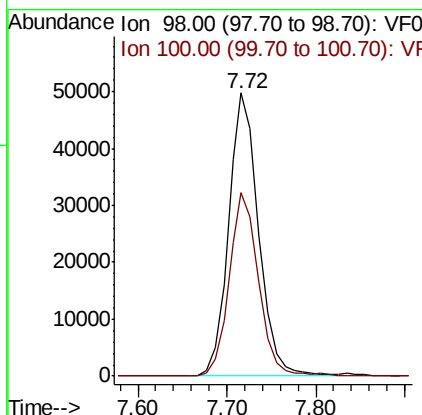
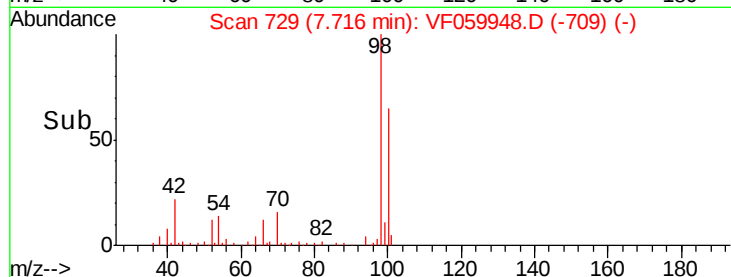
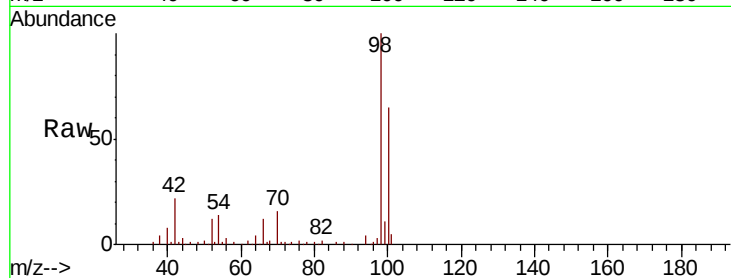




#50
Toluene-d8
Concen: 40.578 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059948.D
Acq: 10 Aug 2018 16:52

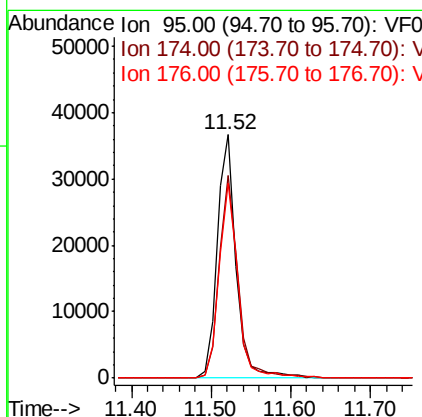
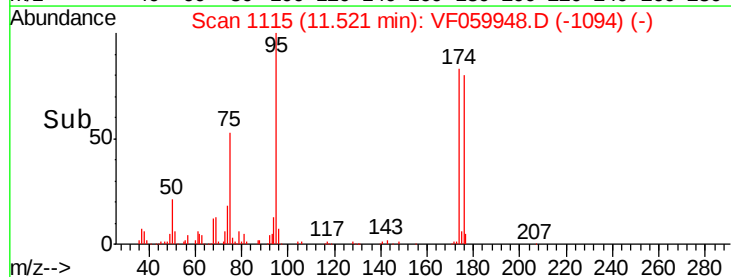
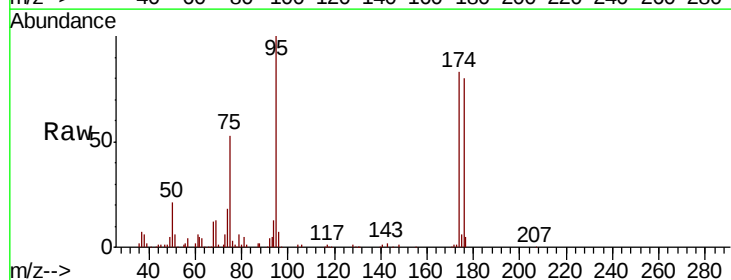
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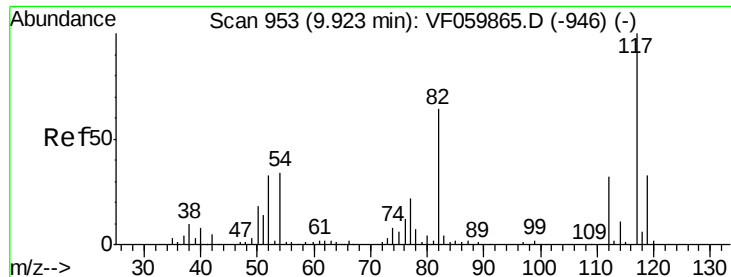
Tgt Ion: 98 Resp: 117053
Ion Ratio Lower Upper
98 100
100 64.9 55.0 82.6



#62
4-Bromofluorobenzene
Concen: 37.705 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VF059948.D
Acq: 10 Aug 2018 16:52

Tgt Ion: 95 Resp: 61119
Ion Ratio Lower Upper
95 100
174 83.3 0.0 151.6
176 80.0 0.0 149.8

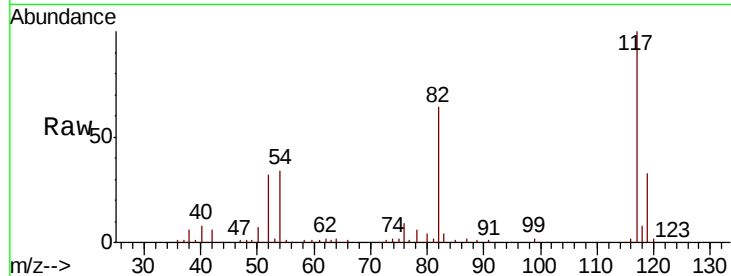




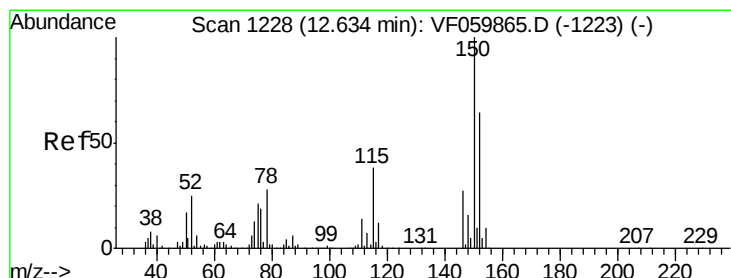
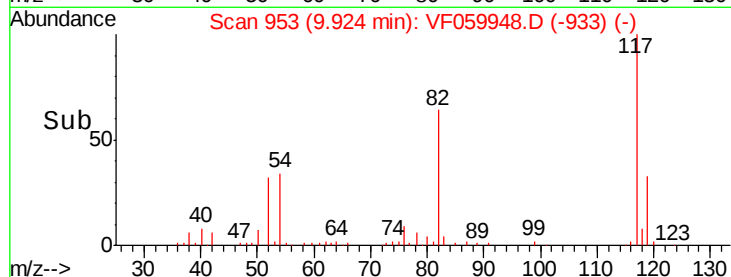
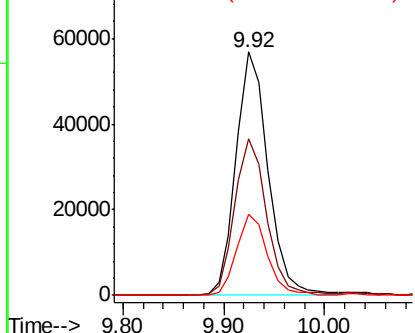
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059948.D
Acq: 10 Aug 2018 16:52

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-006-ABCD

Tgt Ion:117 Resp: 126611
Ion Ratio Lower Upper
117 100
82 64.4 51.3 76.9
119 33.4 26.4 39.6

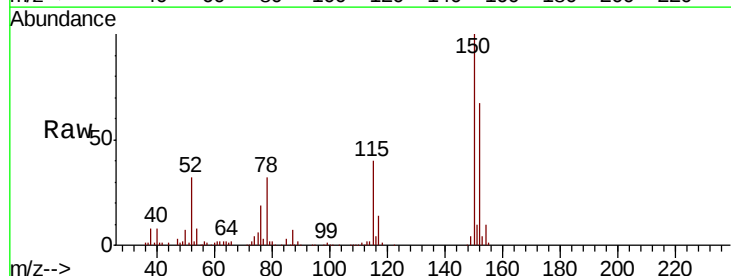


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

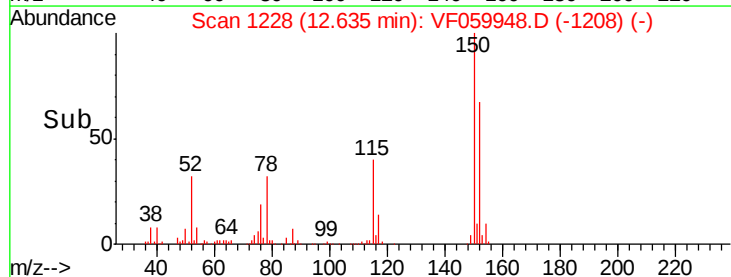
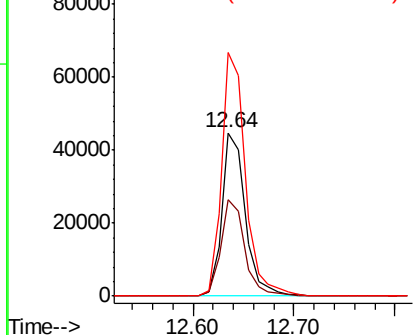


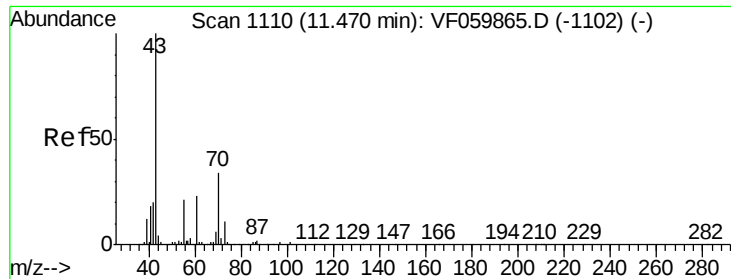
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059948.D
Acq: 10 Aug 2018 16:52

Tgt Ion:152 Resp: 72366
Ion Ratio Lower Upper
152 100
115 59.2 29.8 89.4
150 148.9 0.0 315.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#74
 N-amyI acetate
 Concen: 3.040 ug/l
 RT: 11.48 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VF059948.D
 Acq: 10 Aug 2018 16:52

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-EF-01-006-ABCD

Tgt Ion:	43	Resp:	96
Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.5	41.3#
55	0.0	16.6	25.0#
61	0.0	18.2	27.4#

