

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080818\
 Data File : VF059934.D
 Acq On : 8 Aug 2018 16:33
 Operator : VA/AP
 Sample : J4275-05
 Misc : 7.94g/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-080718-C

Quant Time: Aug 09 05:22:28 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	87873	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	119661	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	108599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	58128	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	75637	47.74	ug/l	0.01
Spiked Amount			Recovery	=	95.48%	
35) Dibromofluoromethane	4.31	113	57068	47.93	ug/l	0.01
Spiked Amount			Recovery	=	95.86%	
50) Toluene-d8	7.72	98	91875	36.27	ug/l	0.00
Spiked Amount			Recovery	=	72.54%	
62) 4-Bromofluorobenzene	11.52	95	47167	33.14	ug/l	0.01
Spiked Amount			Recovery	=	66.28%	

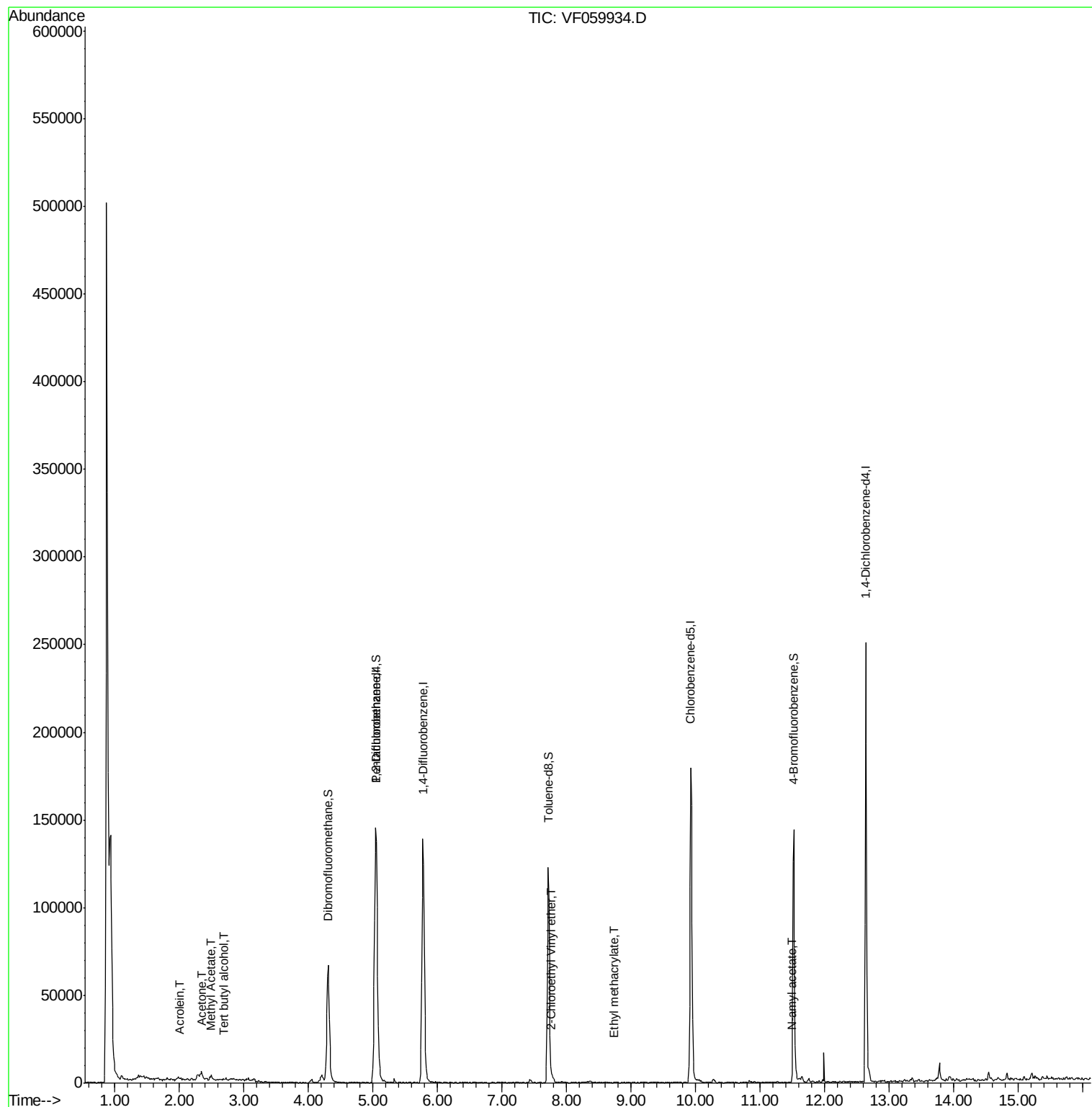
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.70	59	214	3.35	ug/l #	74
13) Acrolein	2.01	56	75	1.96	ug/l #	9
16) Acetone	2.34	43	4047	13.84	ug/l	97
18) Methyl Acetate	2.49	43	2059	4.17	ug/l #	56
20) Methylene Chloride	2.33	84	1492	Below	Cal	88
40) Benzene	4.83	78	129	Below	Cal #	49
56) Ethyl methacrylate	8.73	69	63	3.44	ug/l #	7
58) 2-Chloroethyl Vinyl ether	7.78	63	90	1.08	ug/l	100
74) N-amyl acetate	11.48	43	215	3.18	ug/l #	48

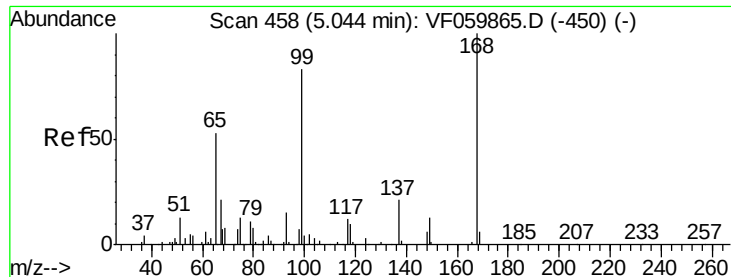
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF059934.D

Acq: 8 Aug 2018 16:33

Instrument :

MSVOA_F

ClientSampleId :

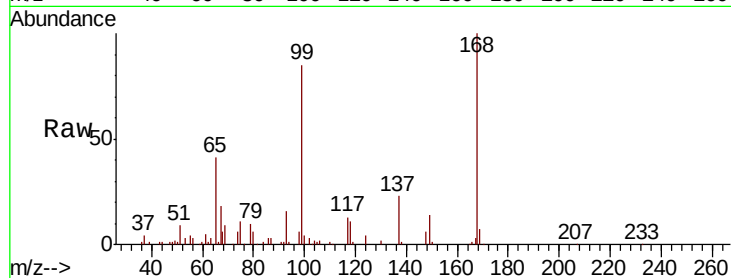
CL-02-080718-C

Tot Ion:168 Resp: 87873

Ion Ratio Lower Upper

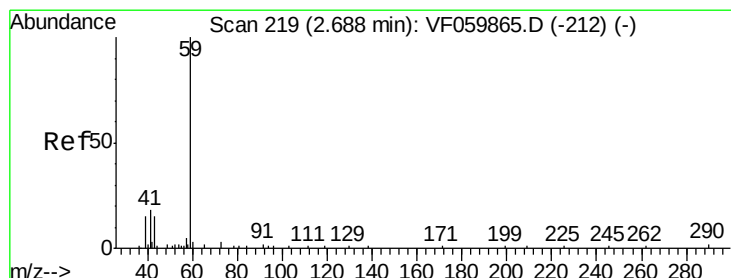
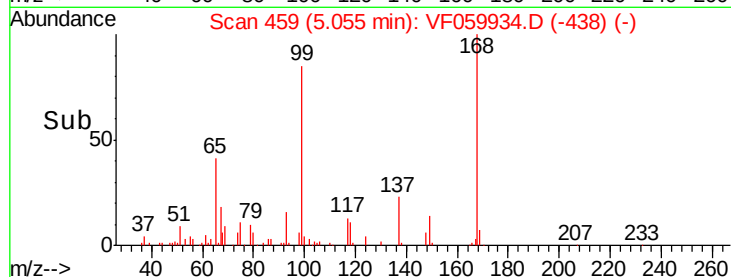
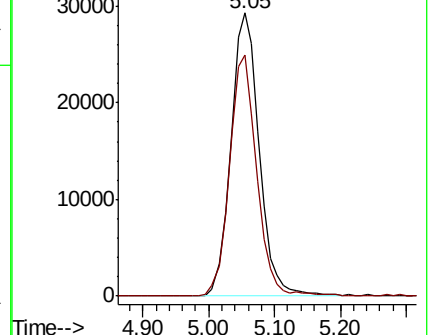
168 100

99 85.2 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#11

Tert butyl alcohol

Concen: 3.35 ug/l

RT: 2.70 min Scan# 220

Delta R.T. 0.01 min

Lab File: VF059934.D

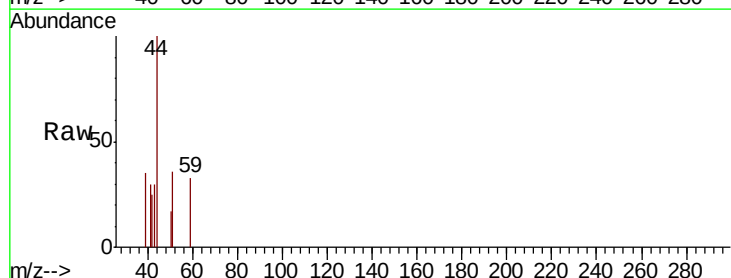
Acq: 8 Aug 2018 16:33

Tgt Ion: 59 Resp: 214

Ion Ratio Lower Upper

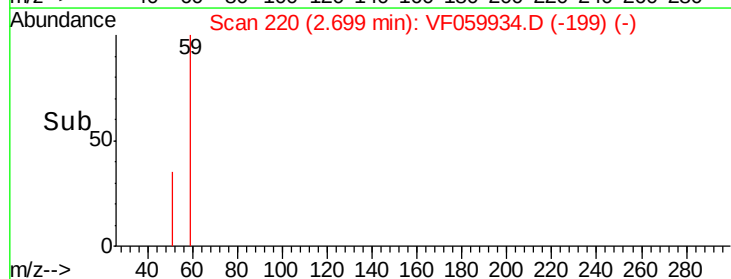
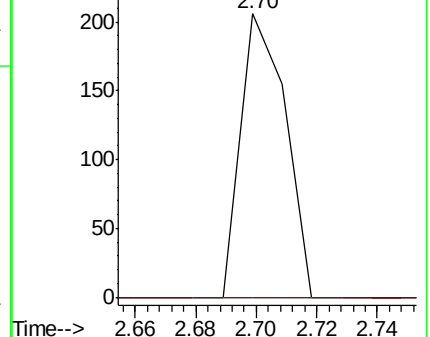
59 100

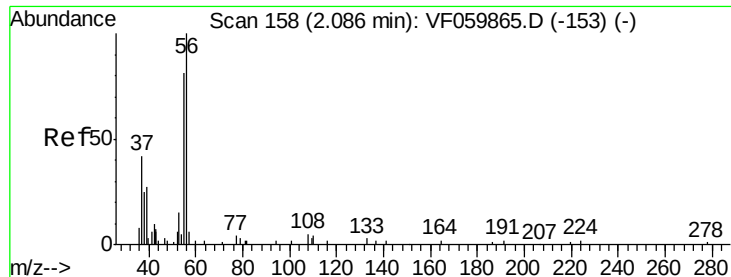
57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0





#13

Acrolein

Concen: 1.96 ug/l

RT: 2.01 min Scan# 150

Delta R.T. -0.08 min

Lab File: VF059934.D

Acq: 8 Aug 2018 16:33

Instrument :

MSVOA_F

ClientSampleId :

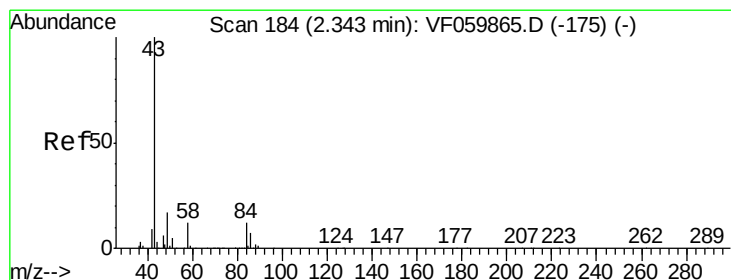
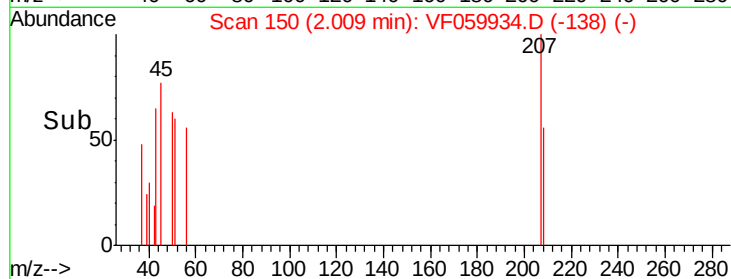
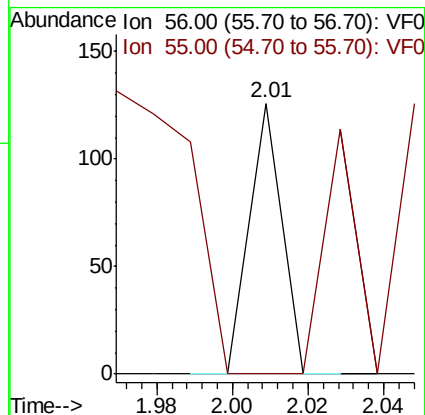
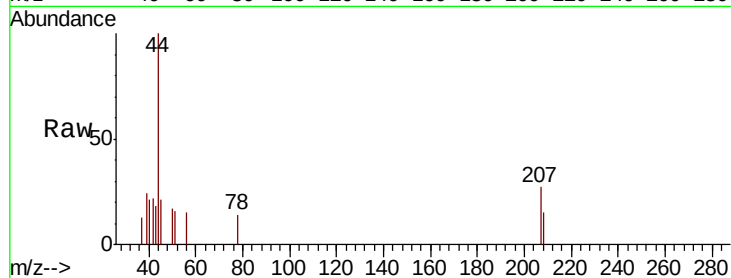
CL-02-080718-C

Tot Ion: 56 Resp: 75

Ion Ratio Lower Upper

56 100

55 0.0 64.6 96.8#



#16

Acetone

Concen: 13.84 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF059934.D

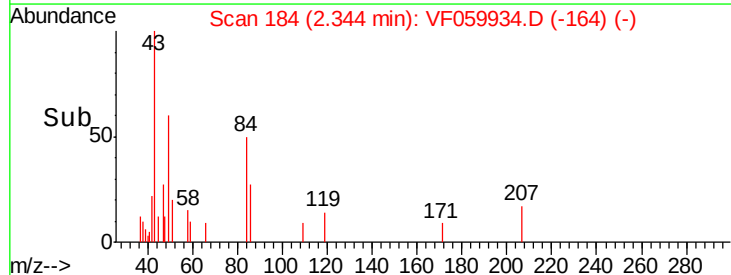
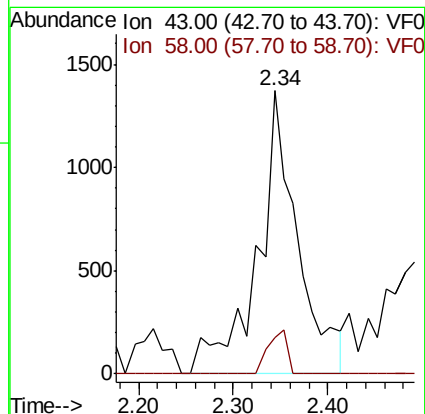
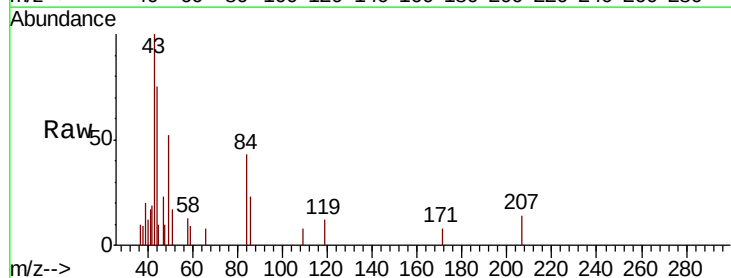
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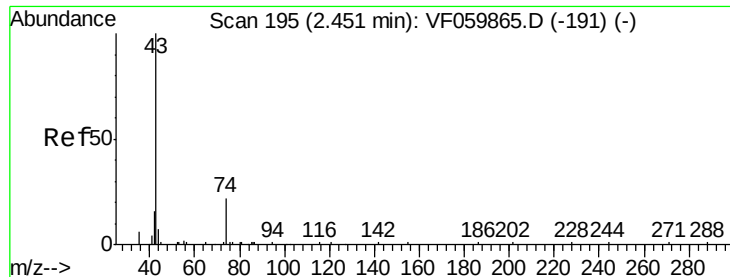
Tgt Ion: 43 Resp: 4047

Ion Ratio Lower Upper

43 100

58 13.0 9.4 14.0

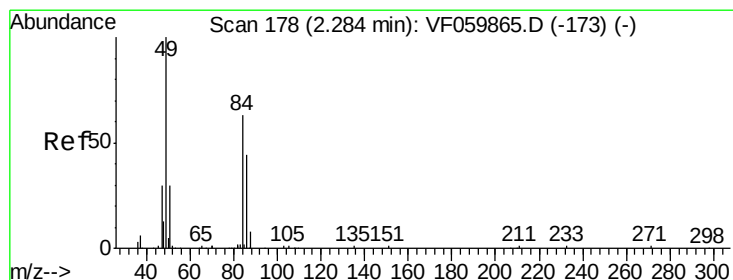
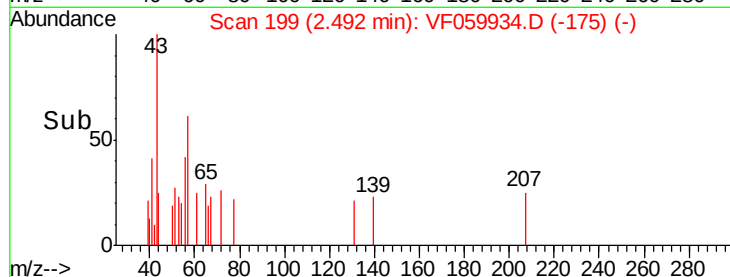
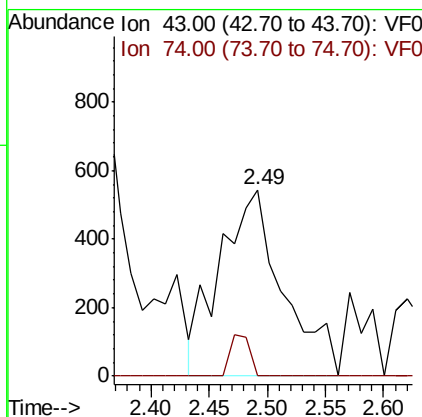
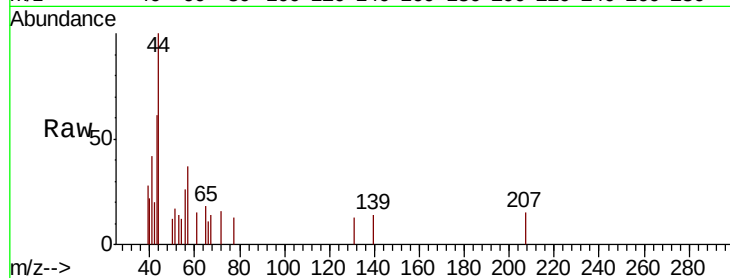




#18
Methyl Acetate
Concen: 4.17 ug/l
RT: 2.49 min Scan# 199
Delta R.T. 0.04 min
Lab File: VF059934.D
Acq: 8 Aug 2018 16:33

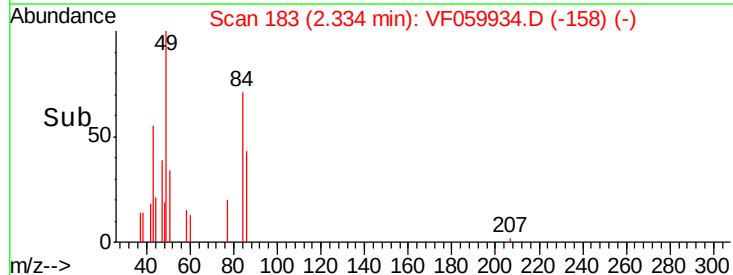
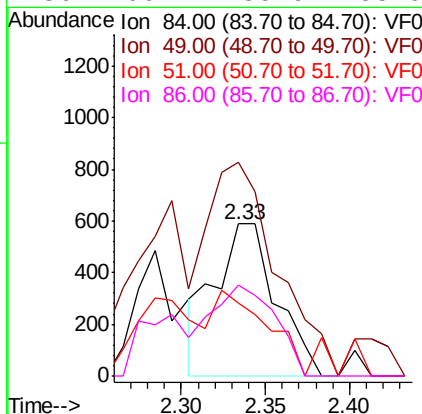
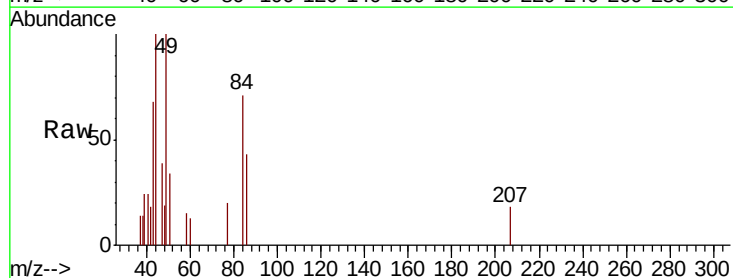
Instrument :
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CL-02-080718-C

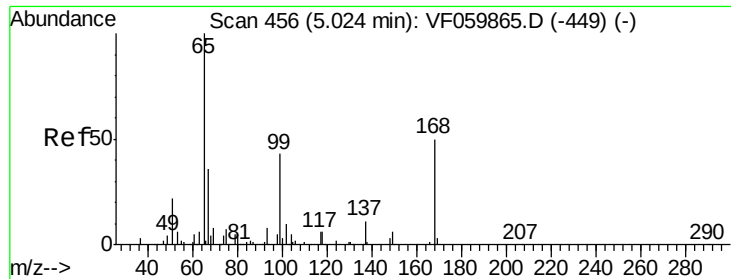
Tot Ion: 43 Resp: 2059
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.33 min Scan# 183
Delta R.T. 0.05 min
Lab File: VF059934.D
Acq: 8 Aug 2018 16:33

Tgt Ion: 84 Resp: 1492
Ion Ratio Lower Upper
84 100
49 140.4 128.7 193.1
51 47.9 39.3 58.9
86 60.1 55.9 83.9

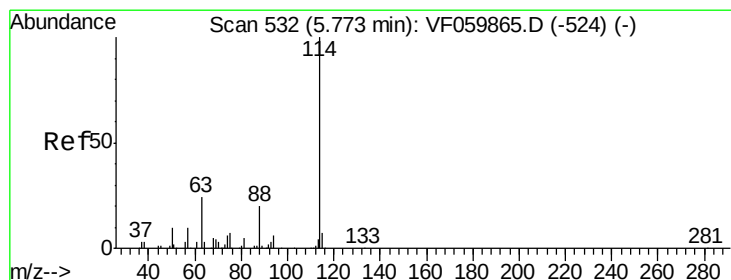
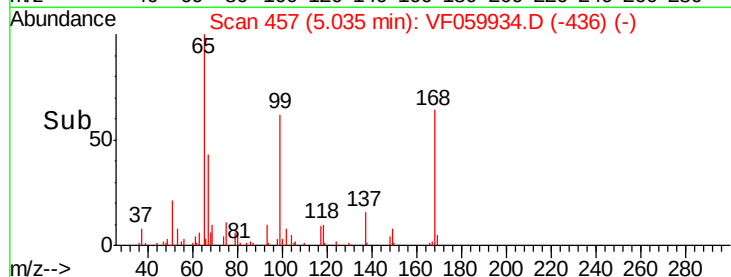
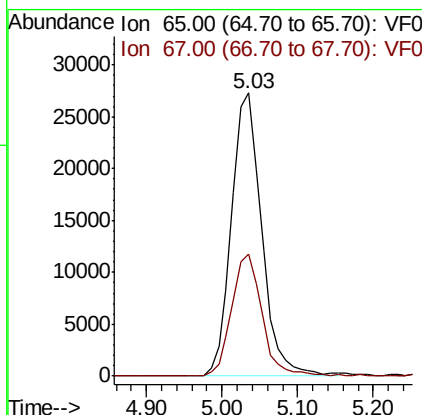
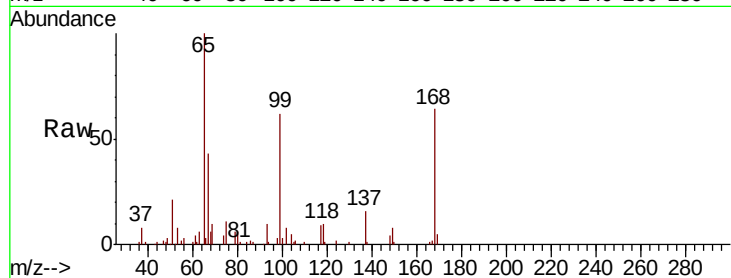




#33
 1,2-Dichloroethane-d4
 Concen: 47.74 ug/l
 RT: 5.03 min Scan# 457
 Delta R.T. 0.01 min
 Lab File: VF059934.D
 Acq: 8 Aug 2018 16:33

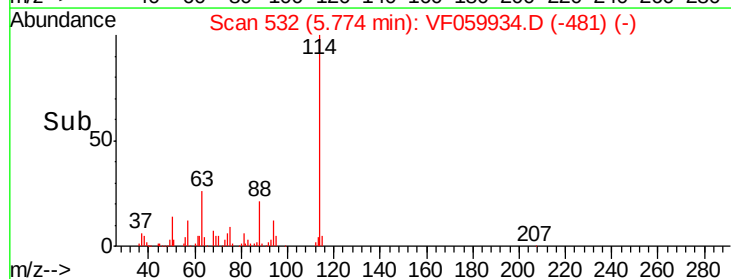
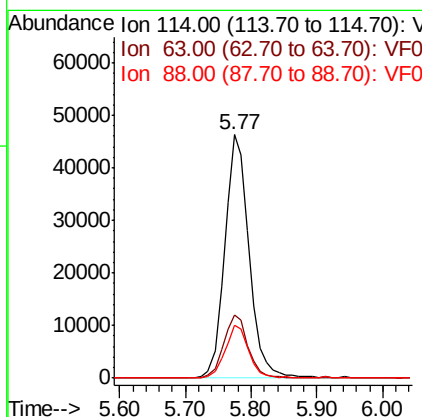
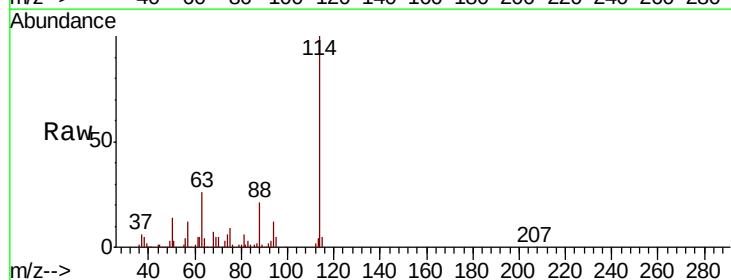
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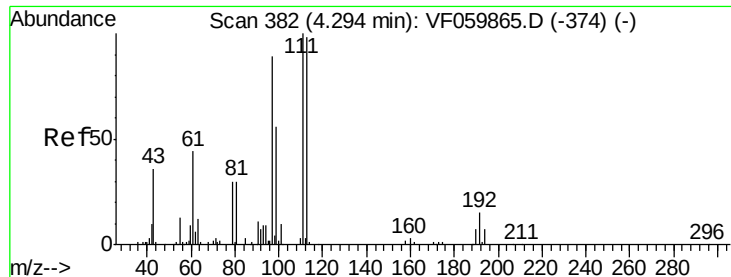
Tot Ion: 65 Resp: 75637
 Ion Ratio Lower Upper
 65 100
 67 42.9 0.0 77.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VF059934.D
 Acq: 8 Aug 2018 16:33

Tgt Ion:114 Resp: 119661
 Ion Ratio Lower Upper
 114 100
 63 26.0 0.0 48.0
 88 21.5 0.0 39.4

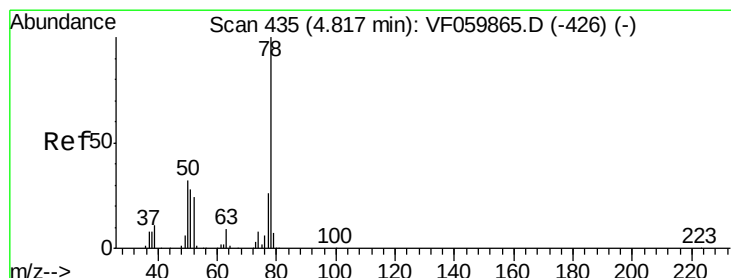
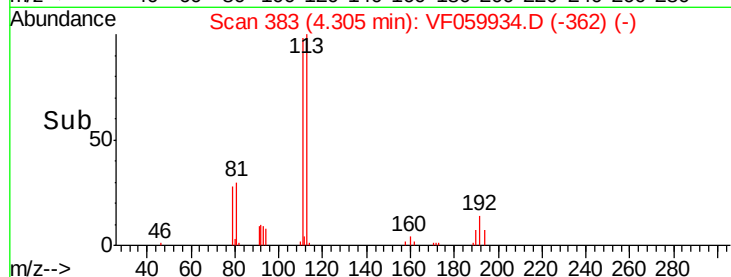
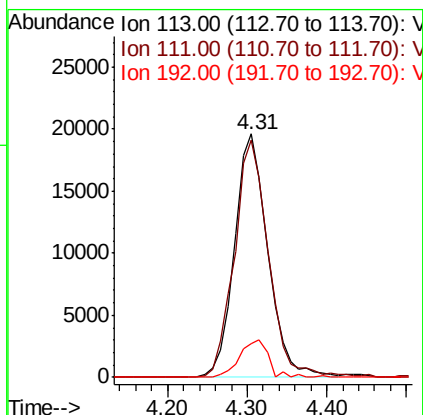
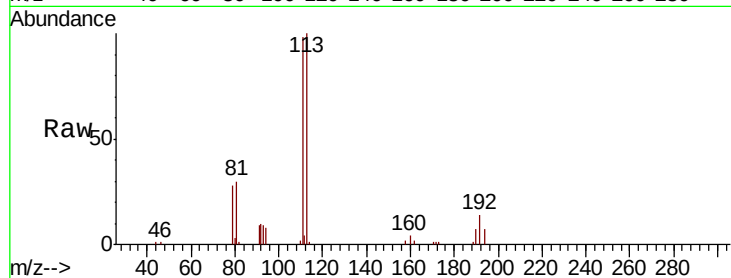




#35
 Dibromofluoromethane
 Concen: 47.93 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: VF059934.D
 Acq: 8 Aug 2018 16:33

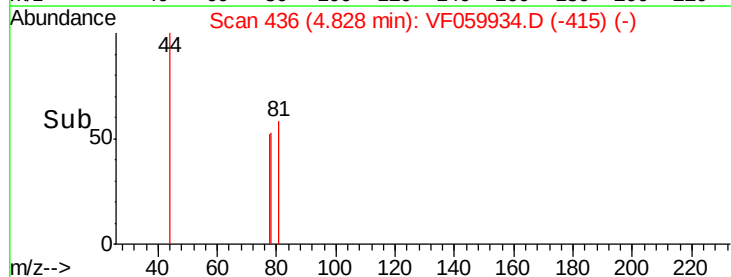
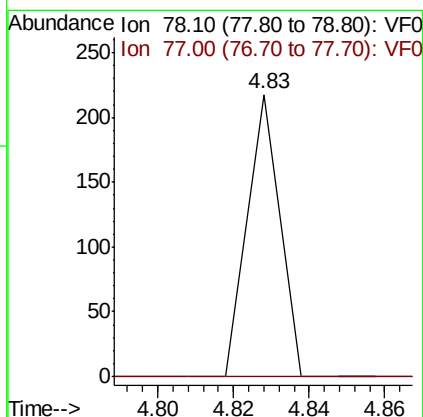
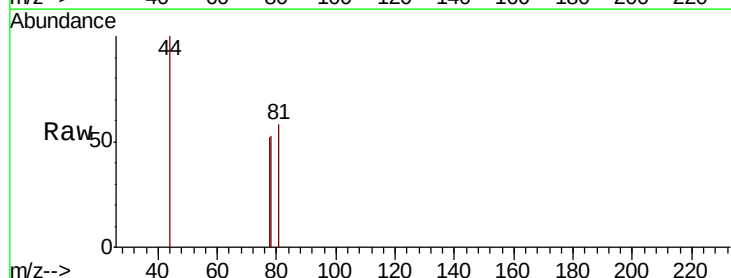
Instrument :
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 ClientSampleId :
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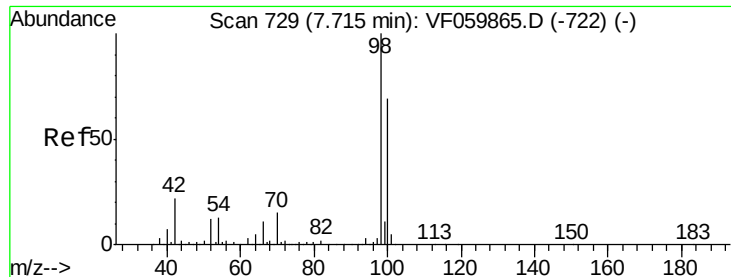
Tot Ion:113 Resp: 57068
 Ion Ratio Lower Upper
 113 100
 111 97.6 81.8 122.8
 192 13.9 12.4 18.6



#40
 Benzene
 Concen: Below Cal
 RT: 4.83 min Scan# 436
 Delta R.T. 0.01 min
 Lab File: VF059934.D
 Acq: 8 Aug 2018 16:33

Tgt Ion: 78 Resp: 129
 Ion Ratio Lower Upper
 78 100
 77 0.0 20.7 31.1#

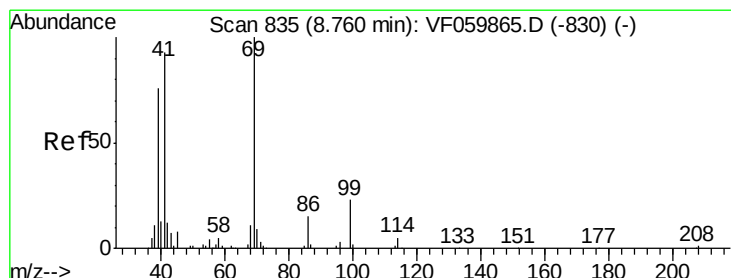
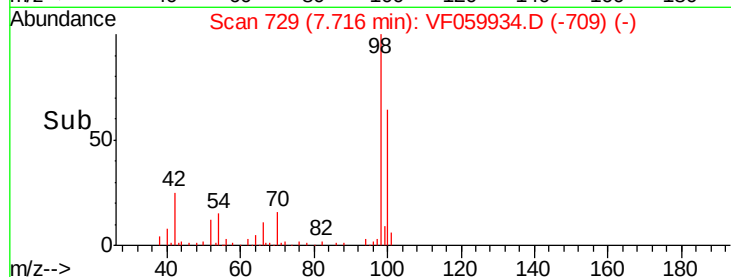
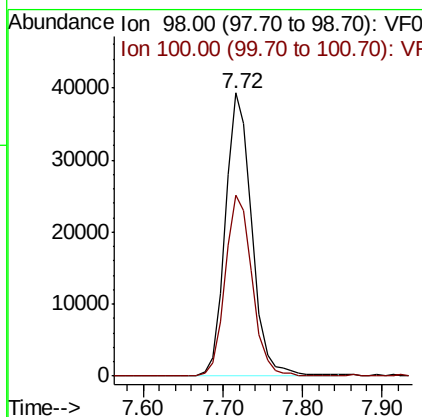
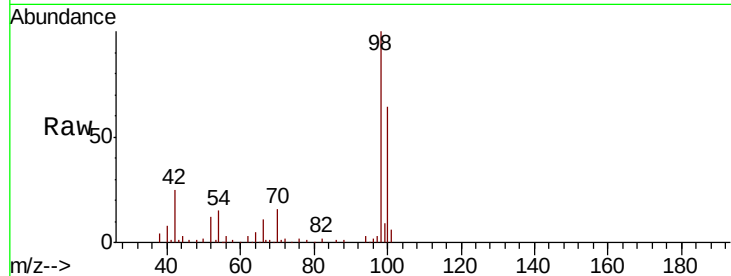




#50
Toluene-d8
Concen: 36.27 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059934.D
Acq: 8 Aug 2018 16:33

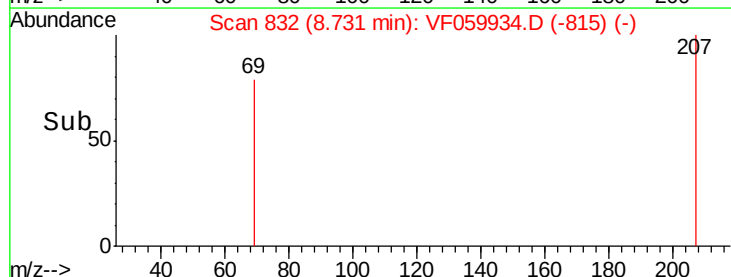
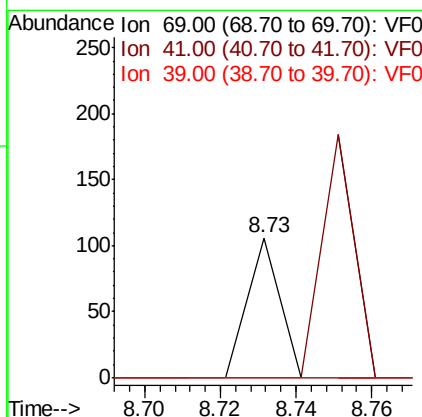
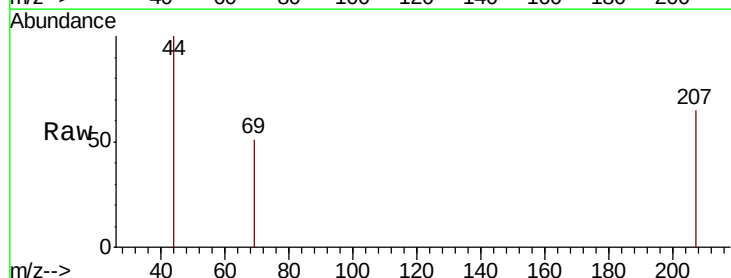
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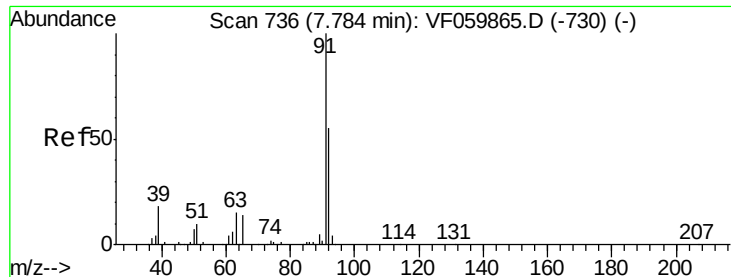
Tot Ion: 98 Resp: 91875
Ion Ratio Lower Upper
98 100
100 63.9 55.0 82.6



#56
Ethyl methacrylate
Concen: 3.44 ug/l
RT: 8.73 min Scan# 832
Delta R.T. -0.03 min
Lab File: VF059934.D
Acq: 8 Aug 2018 16:33

Tgt Ion: 69 Resp: 63
Ion Ratio Lower Upper
69 100
41 0.0 74.7 112.1#
39 0.0 61.1 91.7#

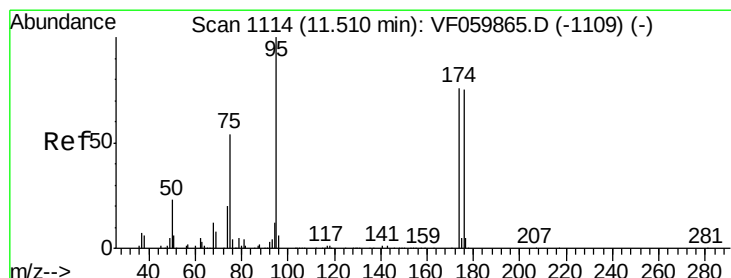
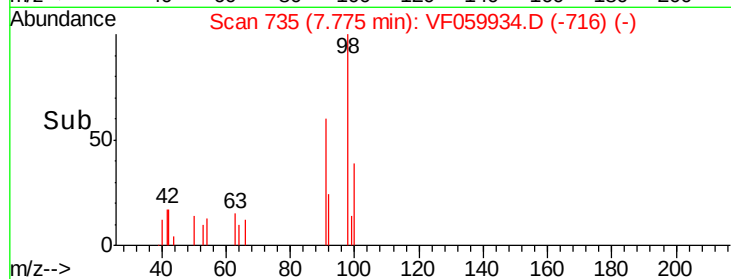
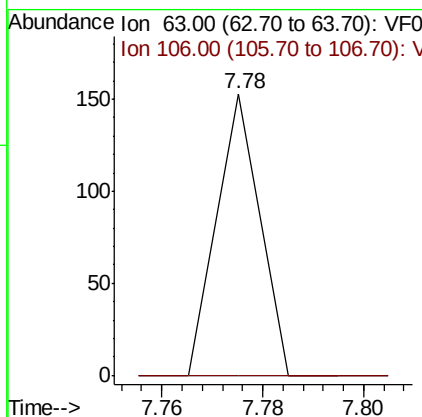
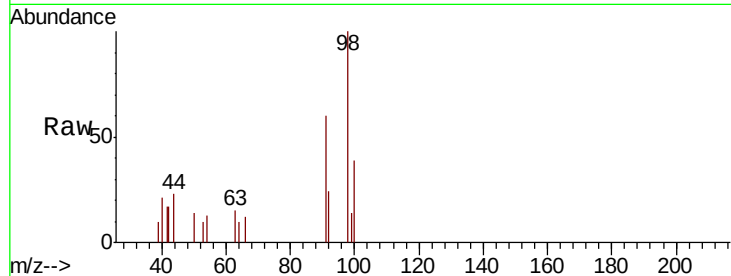




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.08 ug/l
 RT: 7.78 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: VF059934.D
 Acq: 8 Aug 2018 16:33

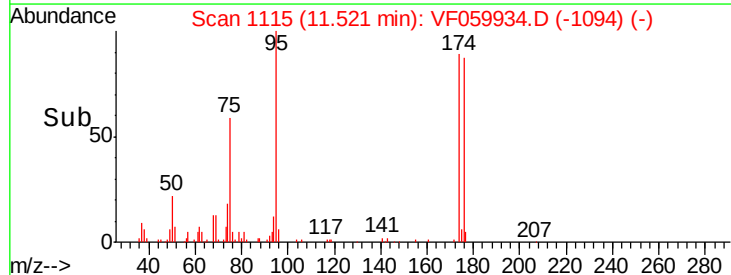
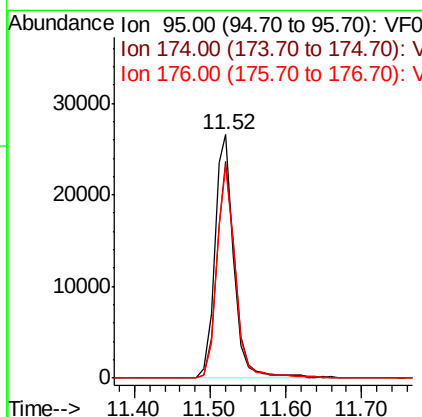
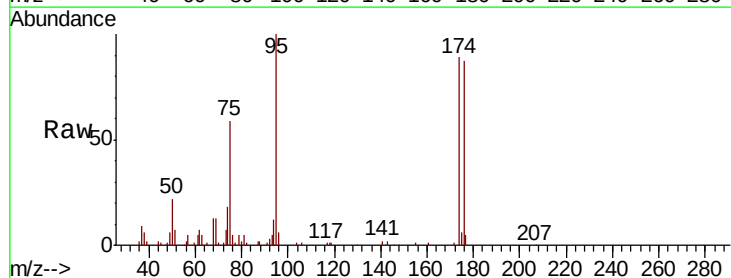
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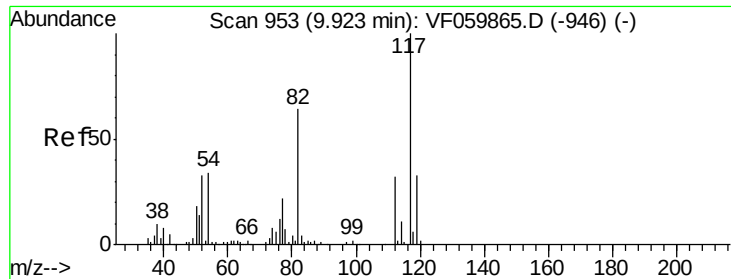
Tot Ion: 63 Resp: 90
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#62
 4-Bromofluorobenzene
 Concen: 33.14 ug/l
 RT: 11.52 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: VF059934.D
 Acq: 8 Aug 2018 16:33

Tgt Ion: 95 Resp: 47167
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 151.6
 176 86.7 0.0 149.8

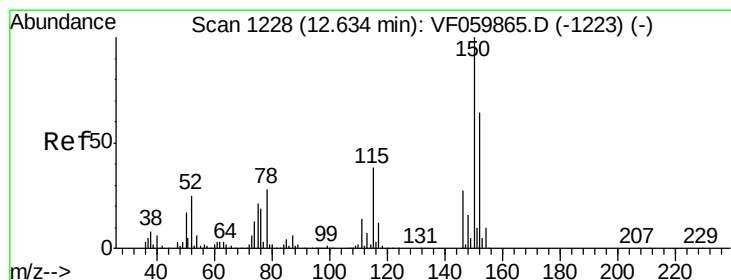
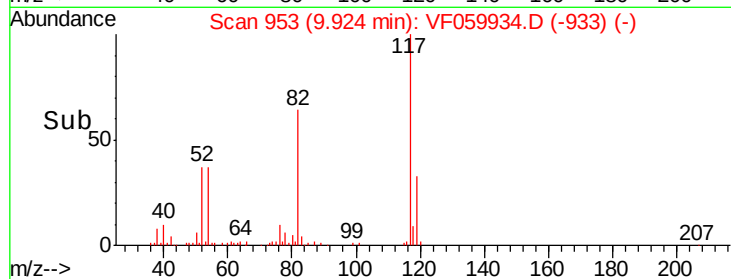
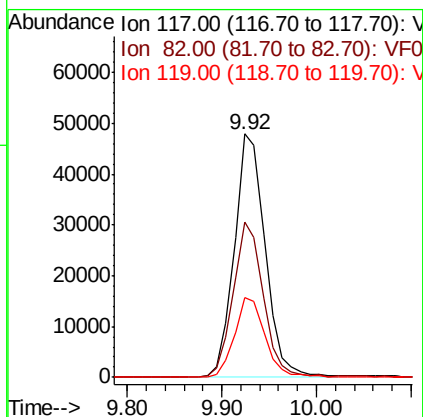
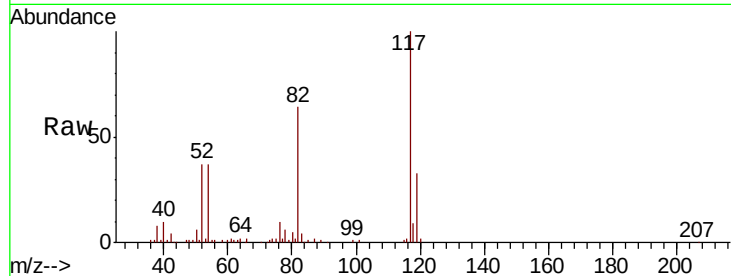




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059934.D
Acq: 8 Aug 2018 16:33

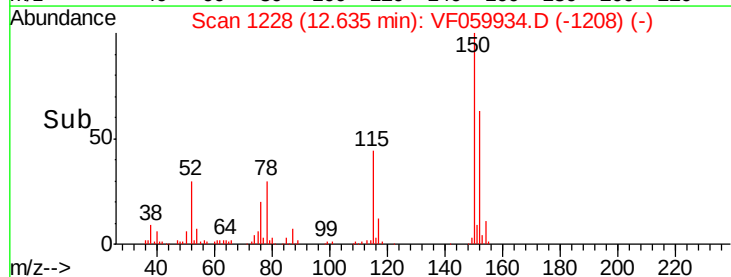
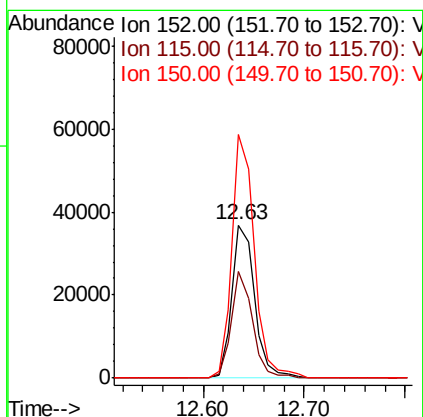
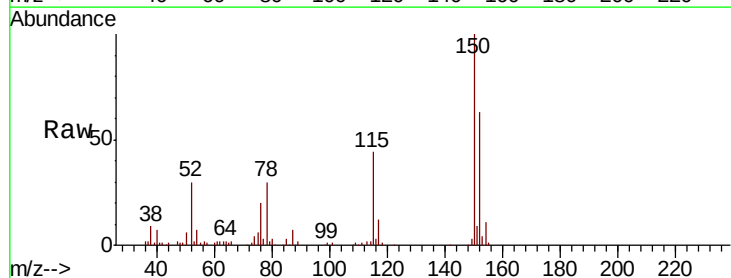
Instrument :
MSVOA_F
ClientSampleId :
CL-02-080718-C

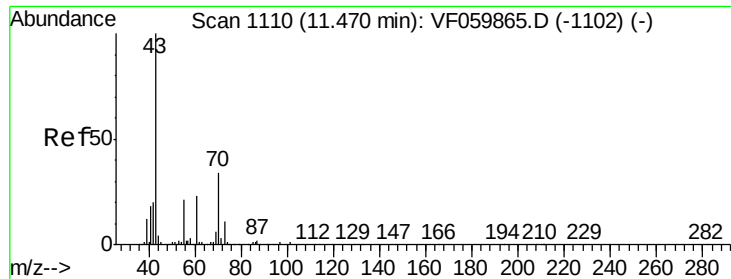
Tot Ion	Ratio	Lower	Upper
117	100		
82	63.8	51.3	76.9
119	33.0	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059934.D
Acq: 8 Aug 2018 16:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.4	29.8	89.4
150	159.1	0.0	315.6





#74
 N-amvl acetate
 Concen: 3.18 ug/l
 RT: 11.48 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VF059934.D
 Acq: 8 Aug 2018 16:33

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-080718-C

Tot Ion:	43	Resp:	215
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#

