Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070618\
Data File : VF059467.D
Acq On : 6 Jul 2018 23:20
Operator : VA/AP
Sample : J3874-01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 2018-NYSEG-MCMASTER-PH4-5(0-

Quant Time: Jul 07 01:53:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.03
34) 1,4-Difluorobenzene	5.96	114	64	50.00	ug/l	0.20
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.91
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.63
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	76	0.00	ug/l	-0.02
Spiked Amount 50.000			Recovery = 0.00%			
35) Dibromofluoromethane	4.40	113	74	158.25	ug/l	0.12
Spiked Amount 50.000			Recovery = 316.50%			
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
62) 4-Bromofluorobenzene	11.85	95	73	111.77	ug/l	0.35
Spiked Amount 50.000			Recovery = 223.54%			
Target Compounds						Qvalue
36) 1,1-Dichloropropene	4.55	75	70	125.20	ug/l #	44
37) Ethyl Acetate	4.43	43	79	226.10	ug/l #	26
40) Benzene	4.96	78	66	53.24	ug/l #	51
41) Methacrylonitrile	5.04	41	125	655.43	ug/l #	31
43) Isopropyl Acetate	7.33	43	172	369.34	ug/l #	52
44) Trichloroethene	5.99	130	60	141.10	ug/l	1
48) Methyl methacrylate	7.09	41	166	531.85	ug/l #	11
49) 1,4-Dioxane	7.11	88	63	39466.80	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	63	182.60	ug/l #	39
52) Toluene	8.06	92	67	72.23	ug/l #	1
53) t-1,3-Dichloropropene	8.71	75	93	137.11	ug/l #	43
54) cis-1,3-Dichloropropene	7.61	75	81	109.94	ug/l #	23
55) 1,1,2-Trichloroethane	8.87	97	171	474.80	ug/l #	13
59) 2-Hexanone	9.99	43	60	230.15	ug/l #	30

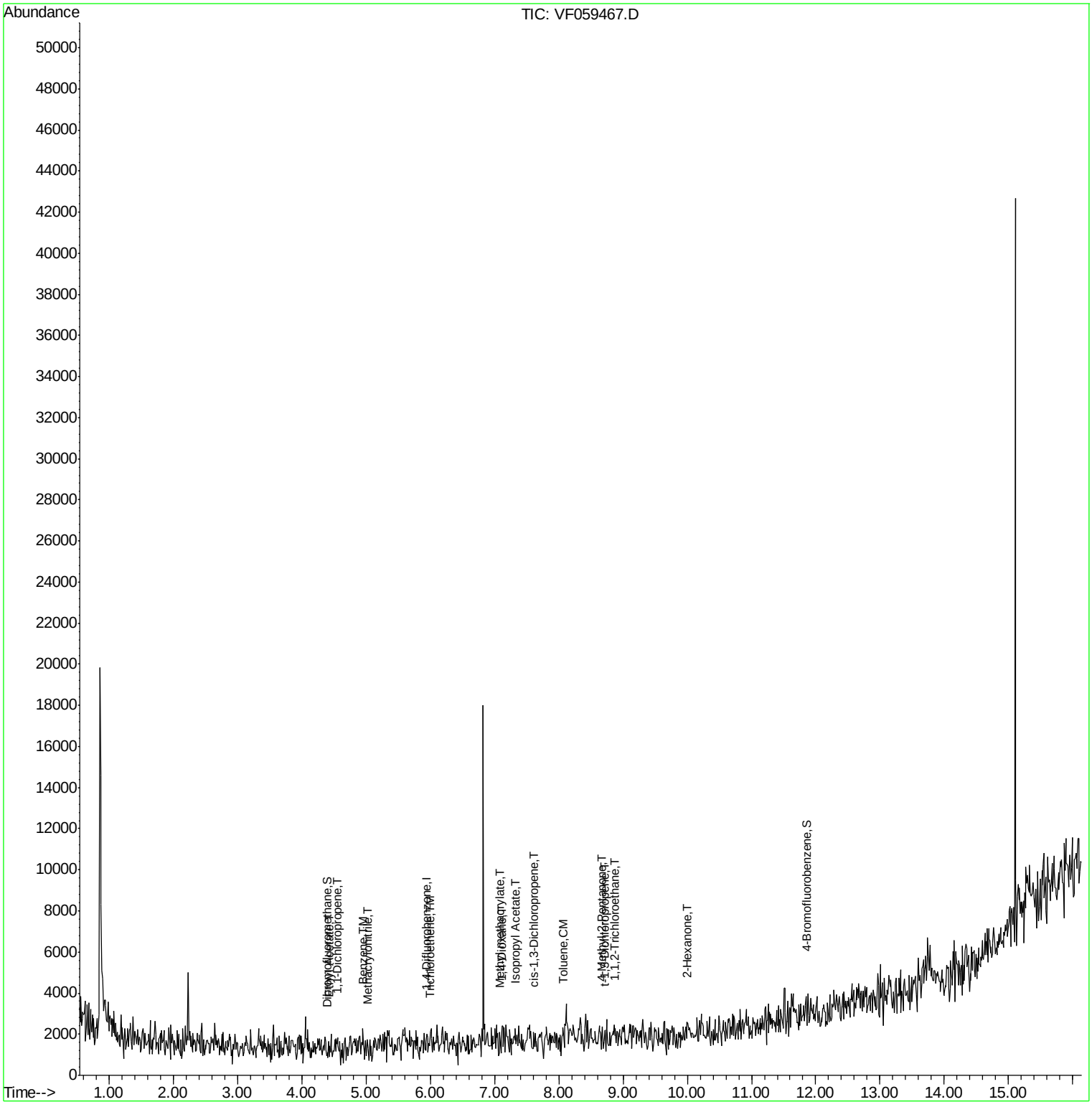
(#) = qualifier out of range (m) = manual integration (+) = signals summed

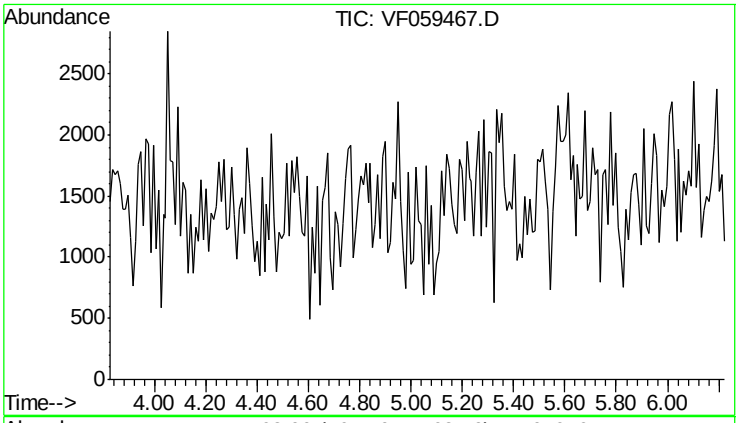
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070618\
Data File : VF059467.D
Acq On : 6 Jul 2018 23:20
Operator : VA/AP
Sample : J3874-01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-MCMASTER-PH4-5(0-

Quant Time: Jul 07 01:53:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





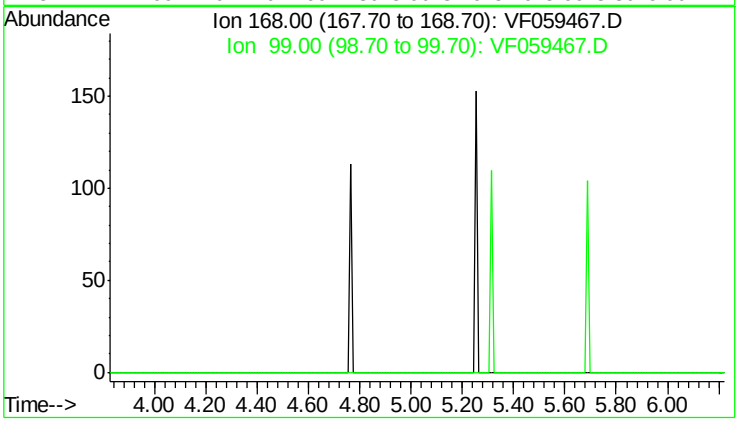
#1
Pentafluorobenzene
Concen: 0.00 ug/l
Expected RT: 5.03 min

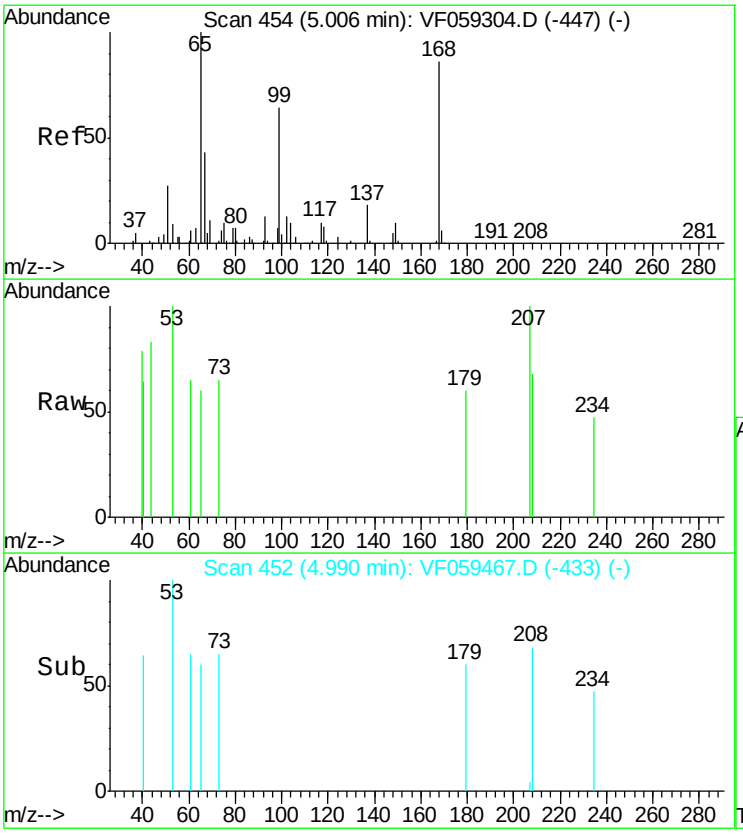
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-MCMASTER-PH4-5(0-

Tgt Ion: 168

Sig	Exp Ratio
168	100
99	68.6

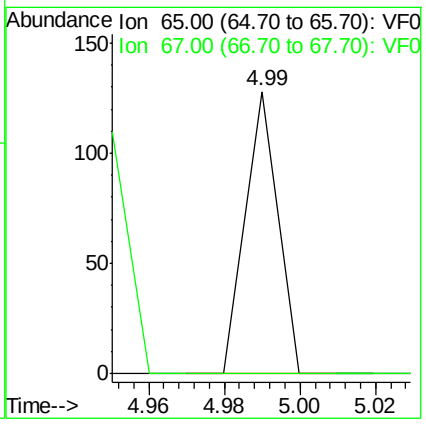


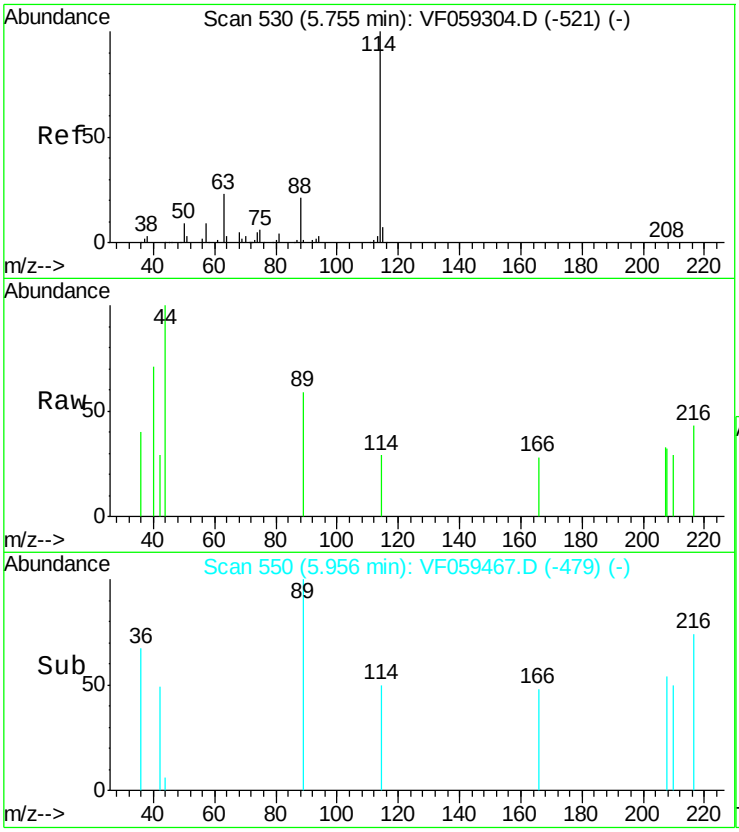


#33
1,2-Dichloroethane-d4
Concen: 0.00 ug/l
RT: 4.99 min Scan# 452
Delta R.T. -0.02 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Tgt Ion: 65 Resp: 76

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	96.8



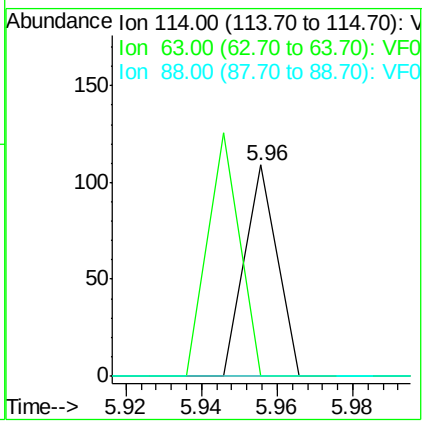


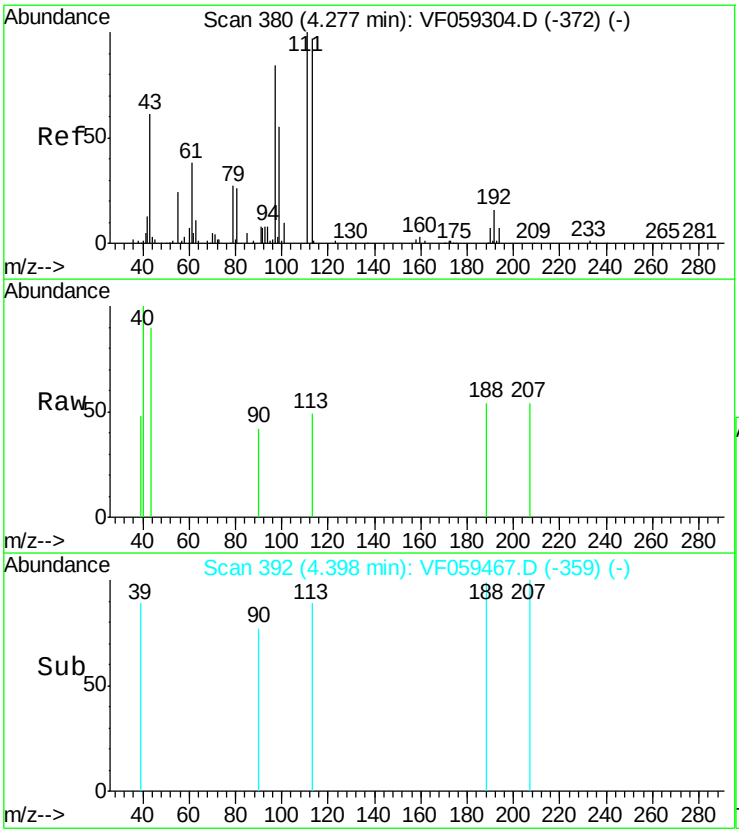
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.96 min Scan# 550
Delta R.T. 0.20 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-MCMASTER-PH4-5(0-

Tgt Ion:114 Resp: 64

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	45.8
88	0.0	0.0	41.2

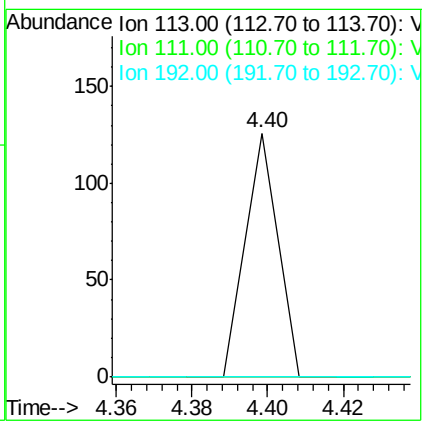


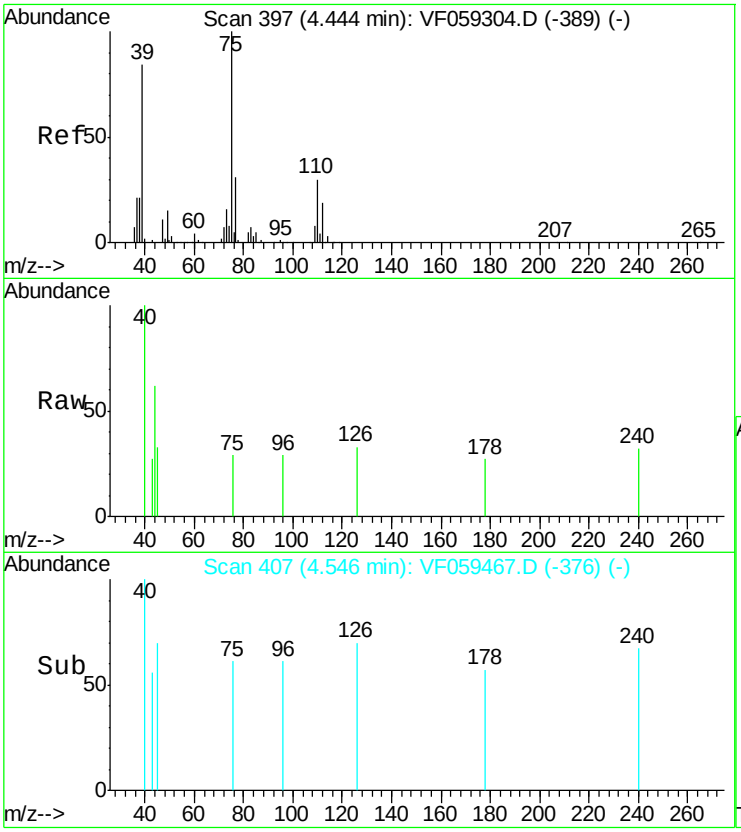


#35
Dibromofluoromethane
Concen: 158.25 ug/l
RT: 4.40 min Scan# 392
Delta R.T. 0.12 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Tgt Ion:113 Resp: 74

Ion	Ratio	Lower	Upper
113	100		
111	0.0	82.1	123.1#
192	0.0	13.0	19.6#



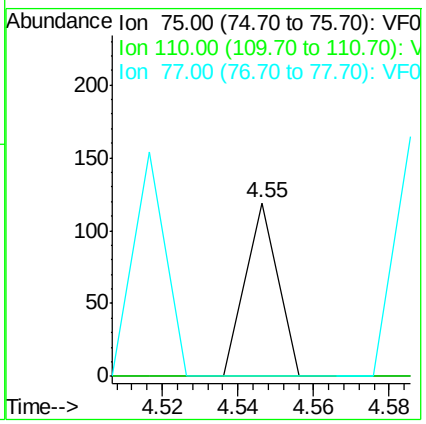


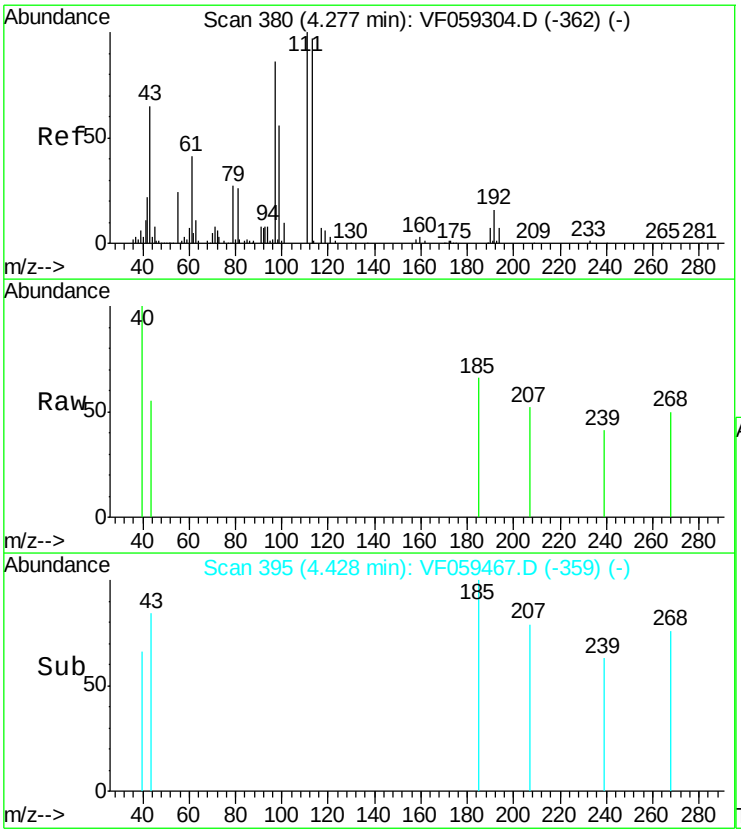
#36
1,1-Dichloropropene
Concen: 125.20 ug/l
RT: 4.55 min Scan# 407
Delta R.T. 0.10 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-MCMASTER-PH4-5(0-

Tgt Ion: 75 Resp: 70

Ion	Ratio	Lower	Upper
75	100		
110	0.0	14.8	44.4#
77	0.0	25.2	37.8#

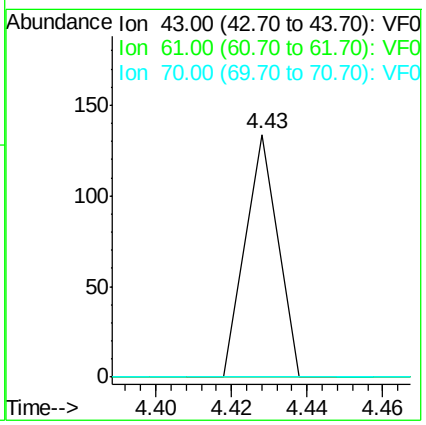


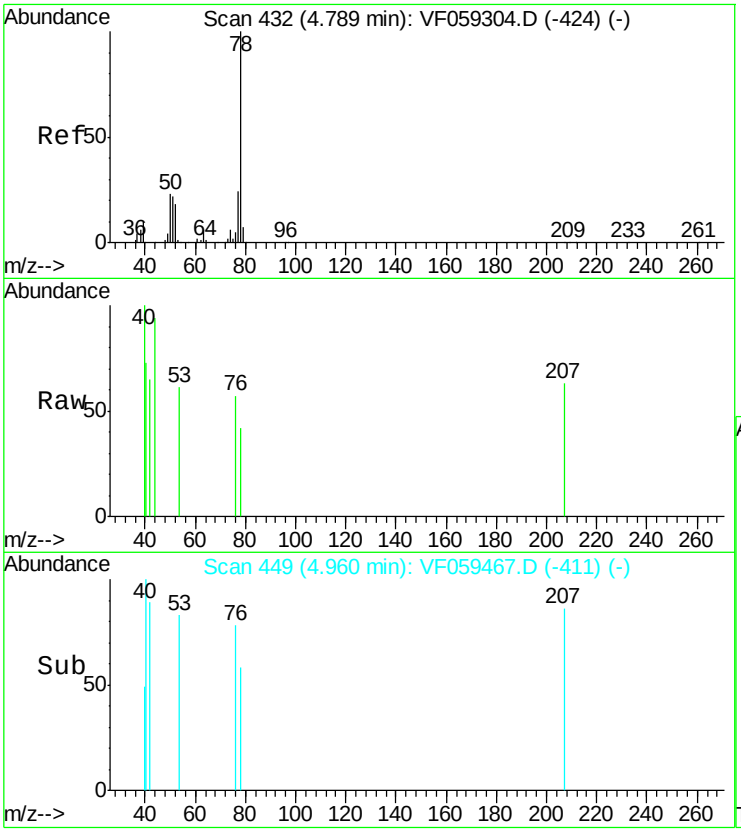


#37
Ethyl Acetate
Concen: 226.10 ug/l
RT: 4.43 min Scan# 395
Delta R.T. 0.15 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Tgt Ion: 43 Resp: 79

Ion	Ratio	Lower	Upper
43	100		
61	0.0	50.1	75.1#
70	0.0	6.2	9.4#



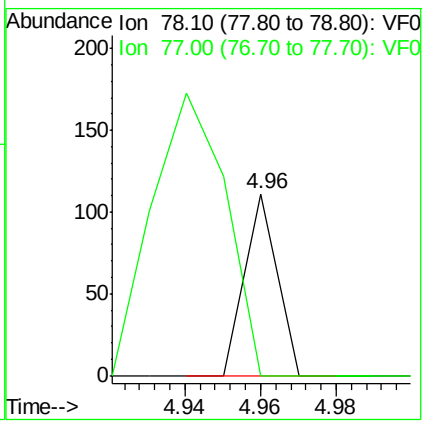


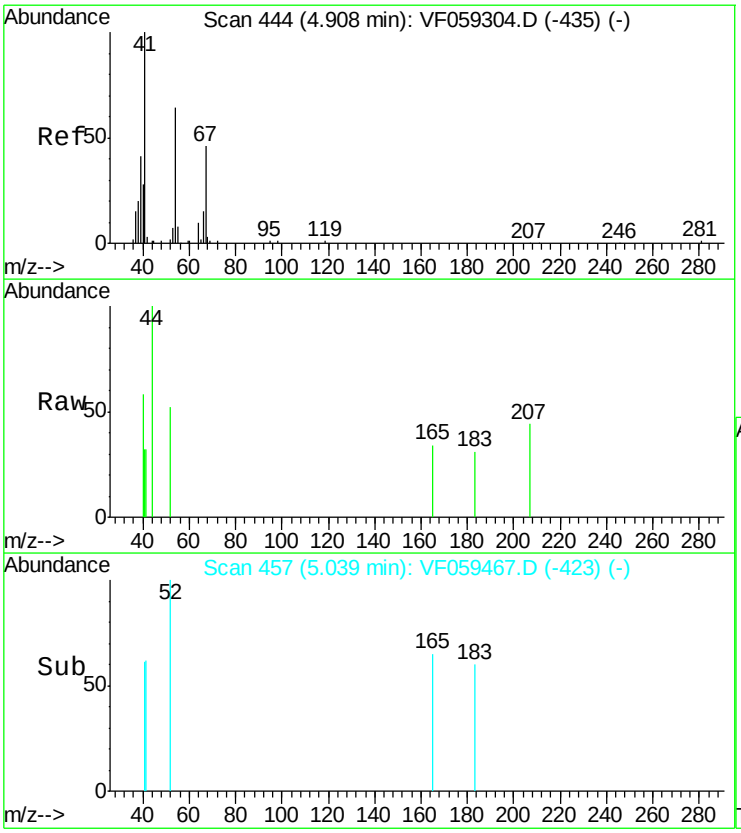
#40
Benzene
Concen: 53.24 ug/l
RT: 4.96 min Scan# 449
Delta R.T. 0.17 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-MCMASTER-PH4-5(0-

Tgt Ion: 78 Resp: 66

Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.6	29.4#

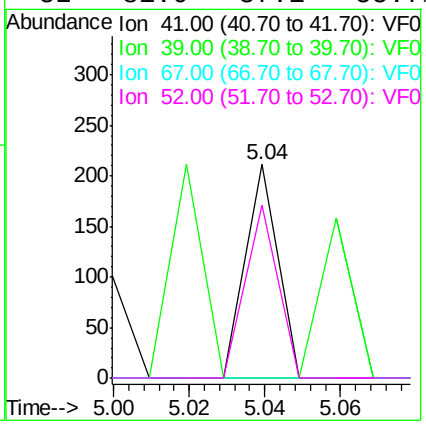


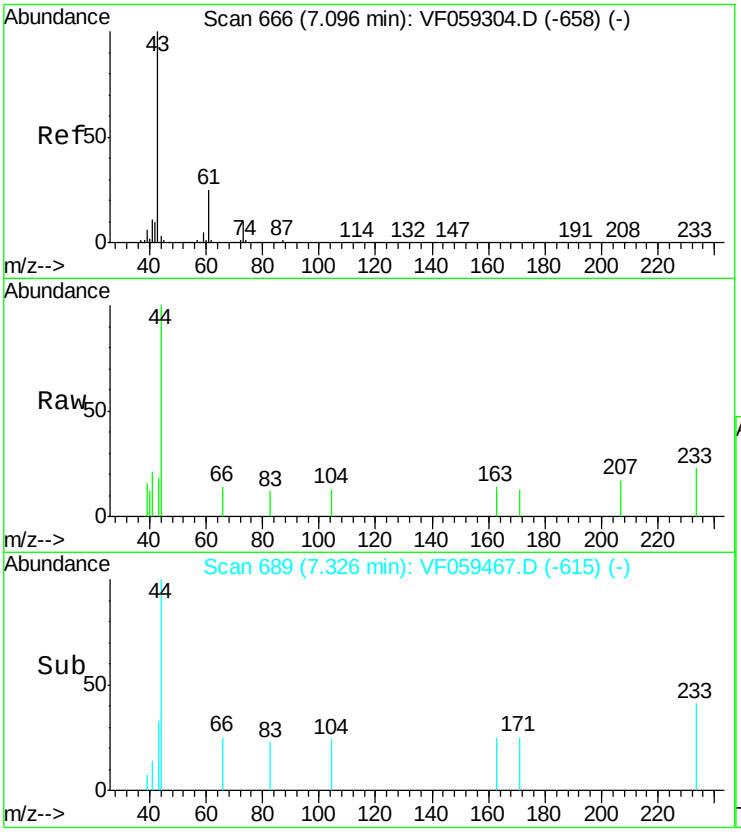


#41
Methacrylonitrile
Concen: 655.43 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.13 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Tgt Ion: 41 Resp: 125

Ion	Ratio	Lower	Upper
41	100		
39	0.0	50.0	75.0#
67	0.0	37.0	55.6#
52	81.0	37.1	55.7#



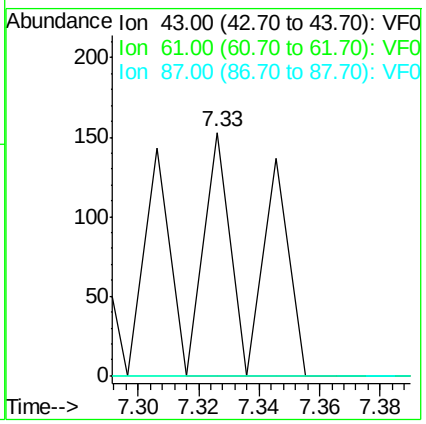


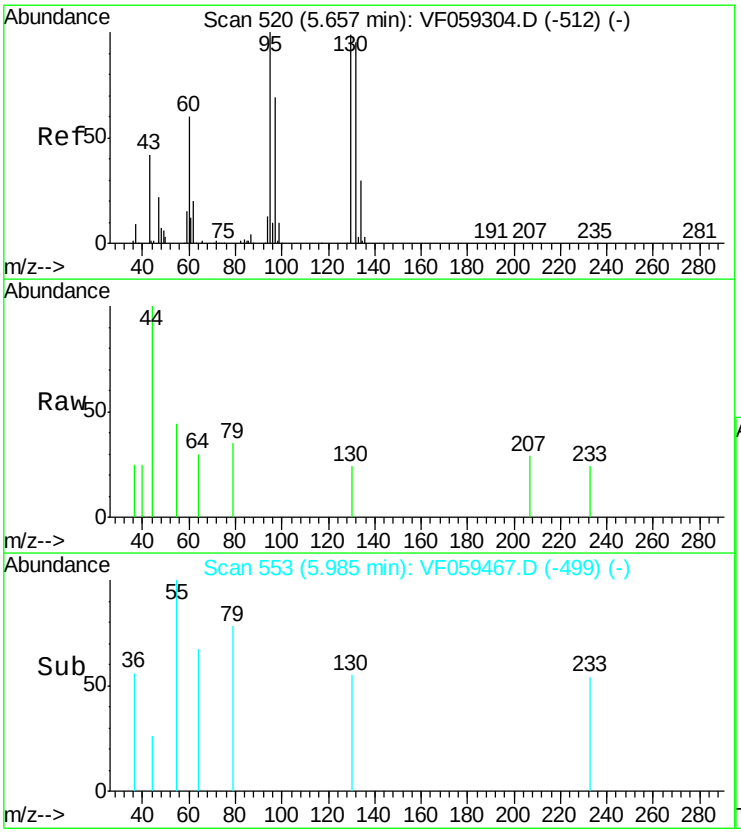
#43
Isopropyl Acetate
Concen: 369.34 ug/l
RT: 7.33 min Scan# 689
Delta R.T. 0.23 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-MCMASTER-PH4-5(0-

Tgt Ion: 43 Resp: 172

Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.7	29.5#
87	0.0	0.5	0.7#

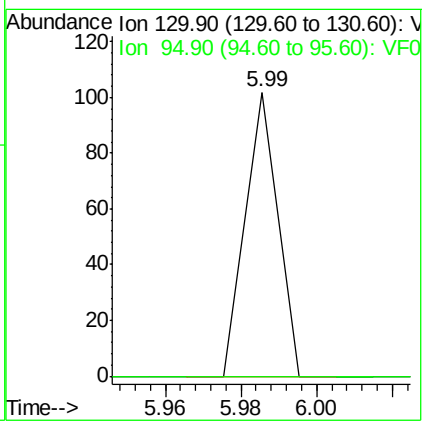


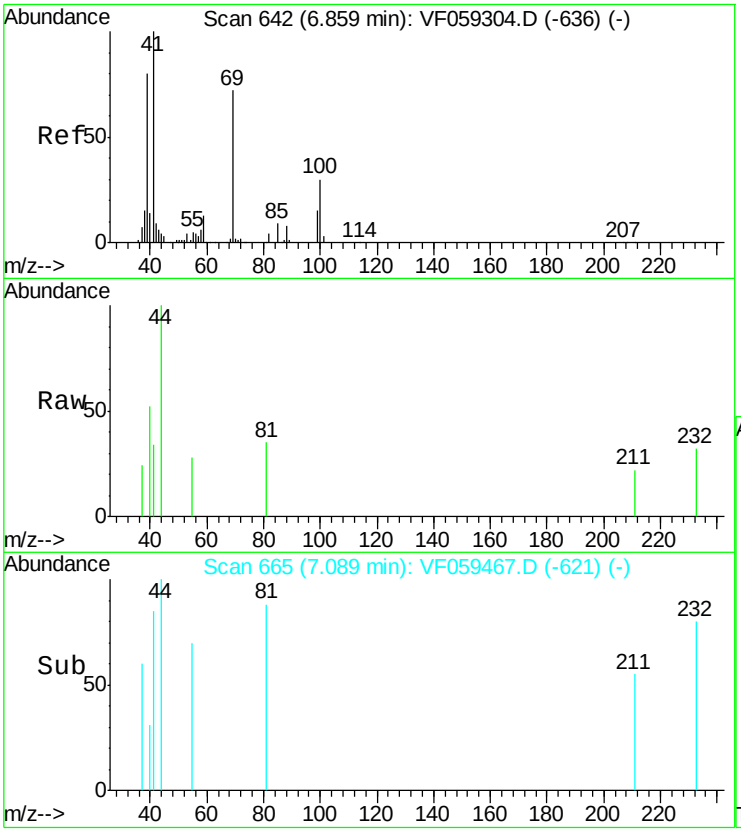


#44
Trichloroethene
Concen: 141.10 ug/l
RT: 5.99 min Scan# 553
Delta R.T. 0.33 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Tgt Ion:130 Resp: 60

Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	202.4



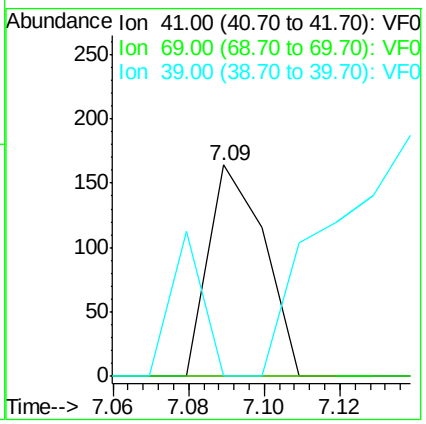


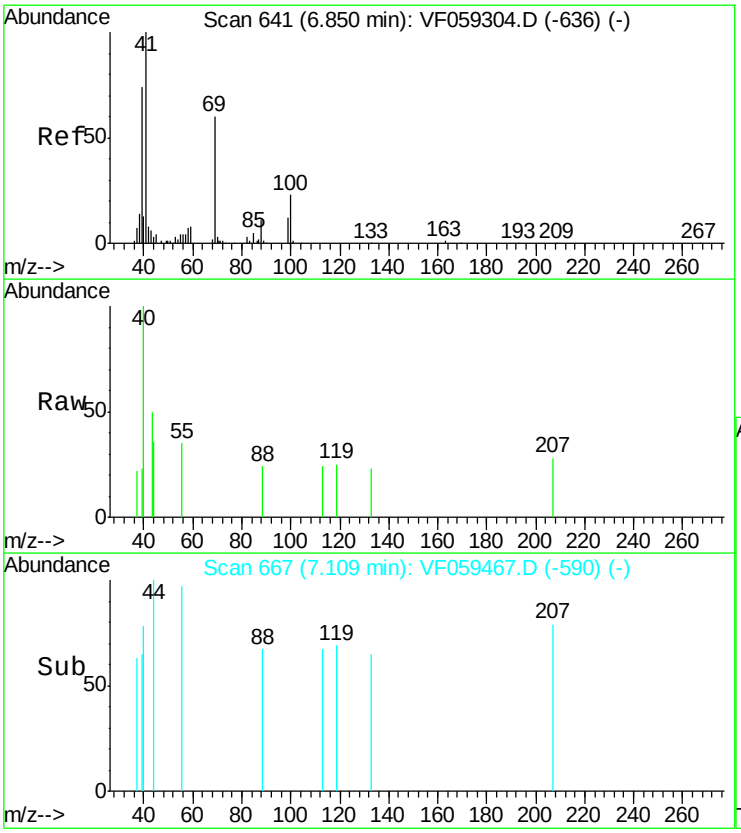
#48
Methyl methacrylate
Concen: 531.85 ug/l
RT: 7.09 min Scan# 665
Delta R.T. 0.23 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-MCMASTER-PH4-5(0-

Tgt Ion: 41 Resp: 166

Ion	Ratio	Lower	Upper
41	100		
69	0.0	57.3	85.9#
39	0.0	64.4	96.6#

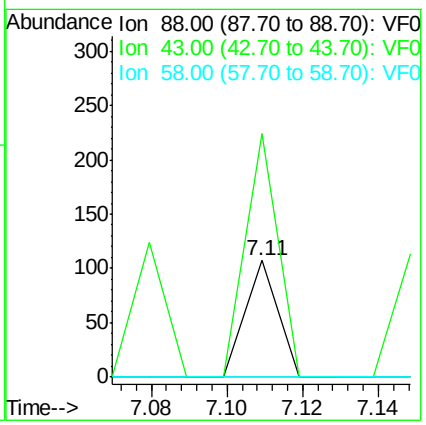


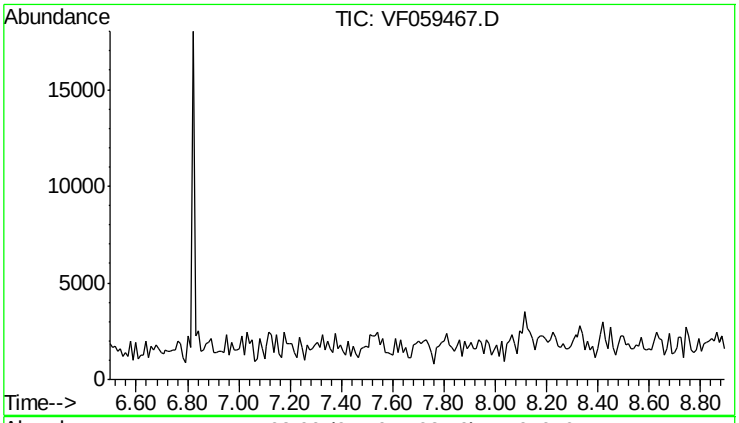


#49
1,4-Dioxane
Concen: 39466.80 ug/l
RT: 7.11 min Scan# 667
Delta R.T. 0.26 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	209.3	50.6	75.8#
58	0.0	46.6	69.8#





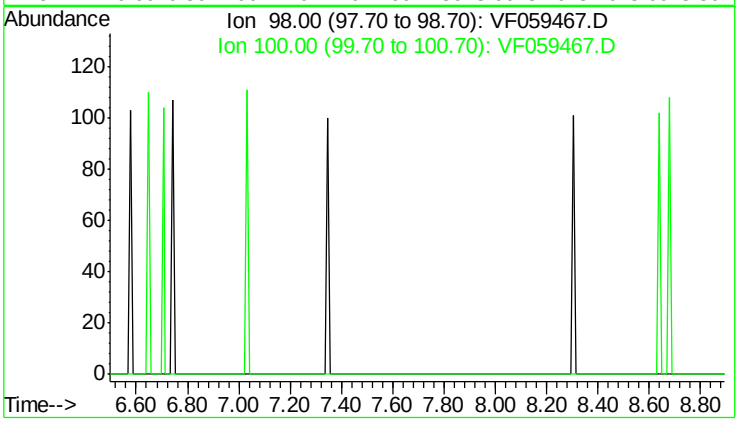
#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 7.70 min

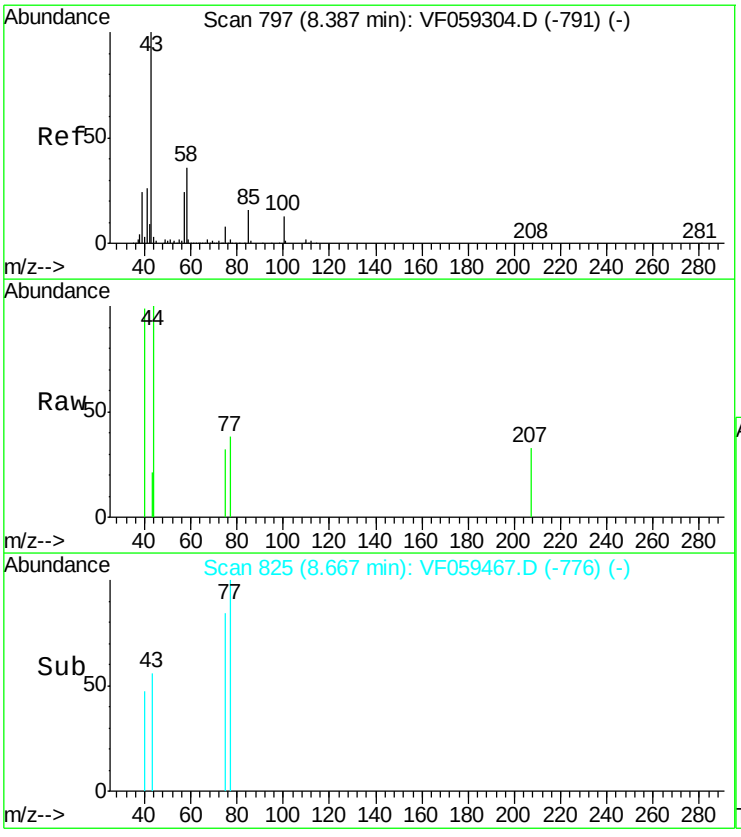
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	68.3

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-MCMASTER-PH4-5(0-

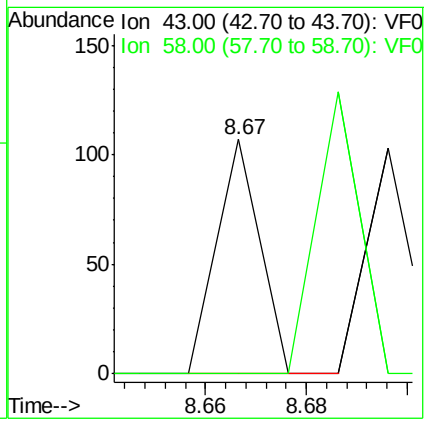


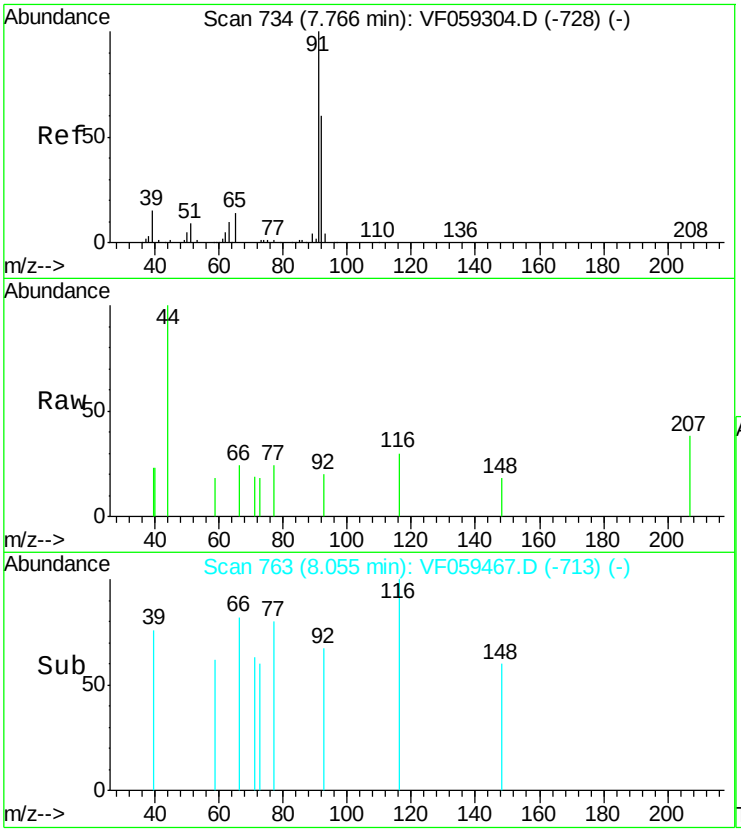


#51
4-Methyl-2-Pentanone
Concen: 182.60 ug/l
RT: 8.67 min Scan# 825
Delta R.T. 0.28 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Tgt Ion: 43 Resp: 63

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	42.6#



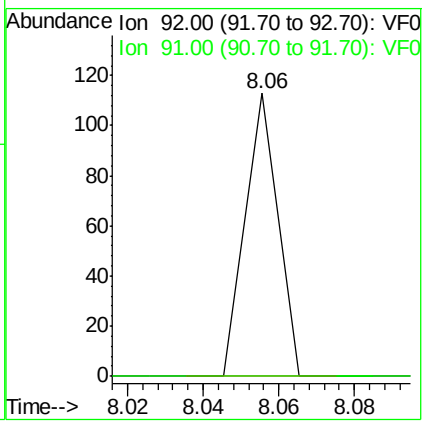


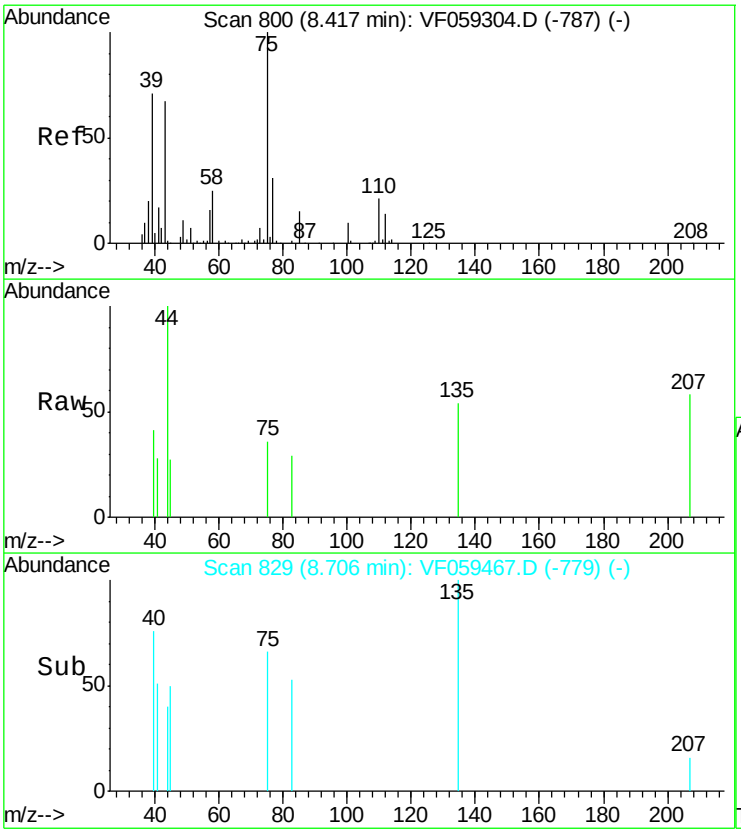
#52
Toluene
Concen: 72.23 ug/l
RT: 8.06 min Scan# 763
Delta R.T. 0.29 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-MCMASTER-PH4-5(0-

Tgt Ion: 92 Resp: 67

Ion	Ratio	Lower	Upper
92	100		
91	0.0	132.8	199.2#

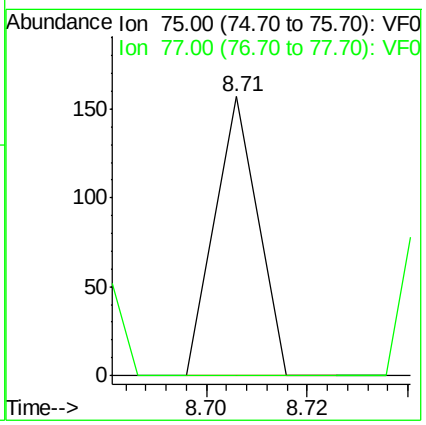


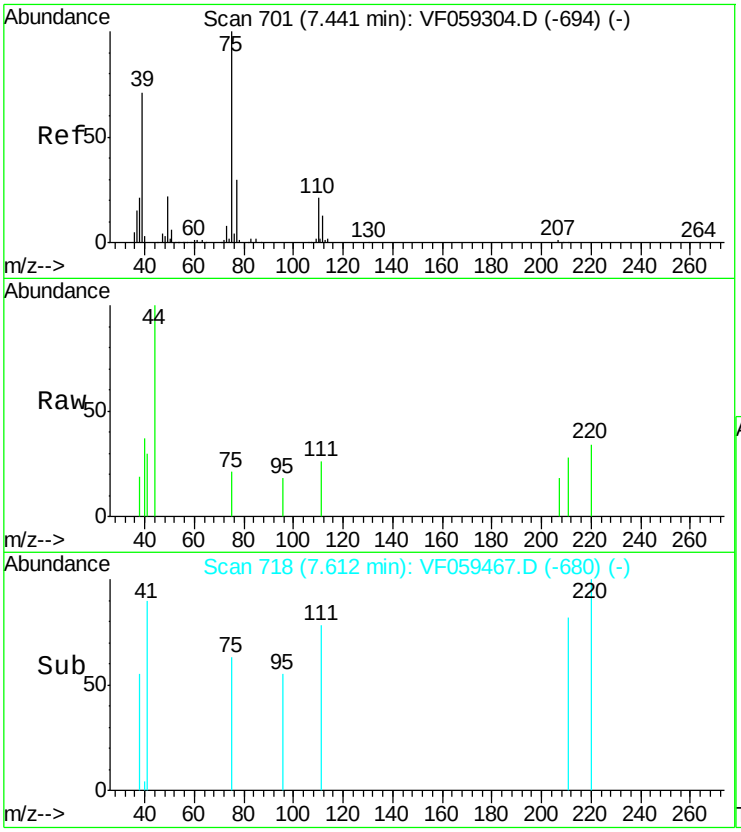


#53
t-1,3-Dichloropropene
Concen: 137.11 ug/l
RT: 8.71 min Scan# 829
Delta R.T. 0.29 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Tgt Ion: 75 Resp: 93

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.3	37.9#



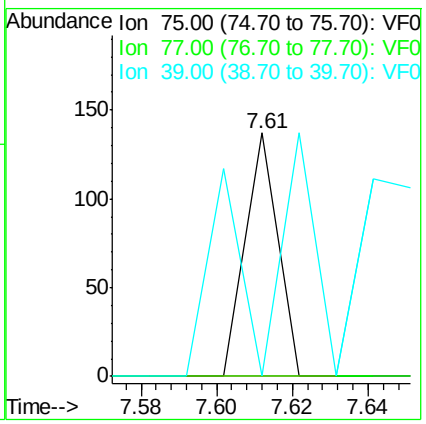


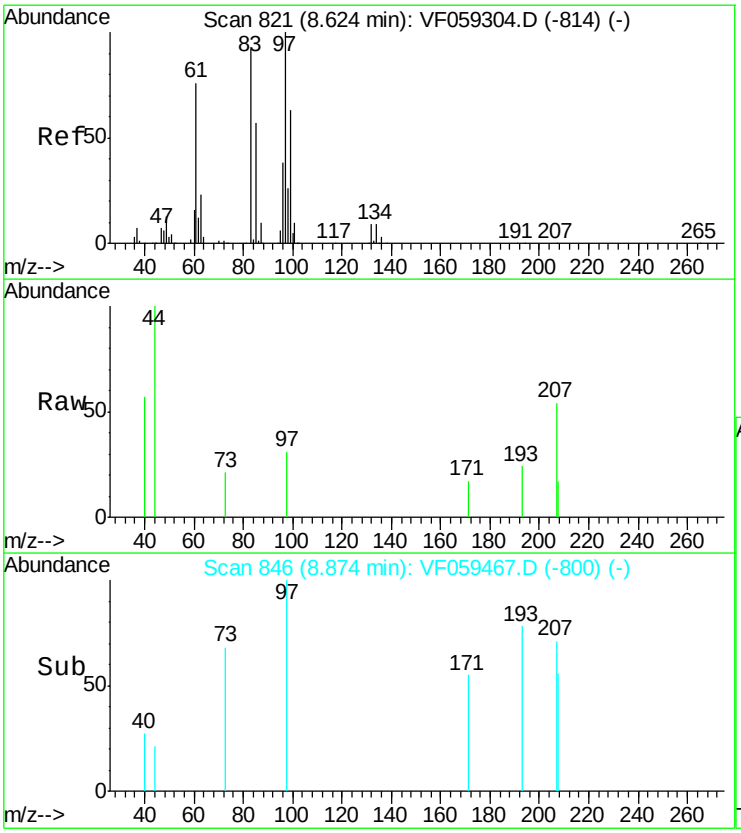
#54
cis-1,3-Dichloropropene
Concen: 109.94 ug/l
RT: 7.61 min Scan# 718
Delta R.T. 0.17 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-MCMASTER-PH4-5(0-

Tgt Ion: 75 Resp: 81

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.3	36.5#
39	0.0	57.2	85.8#

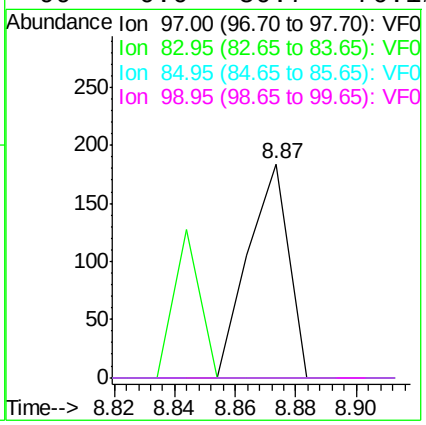


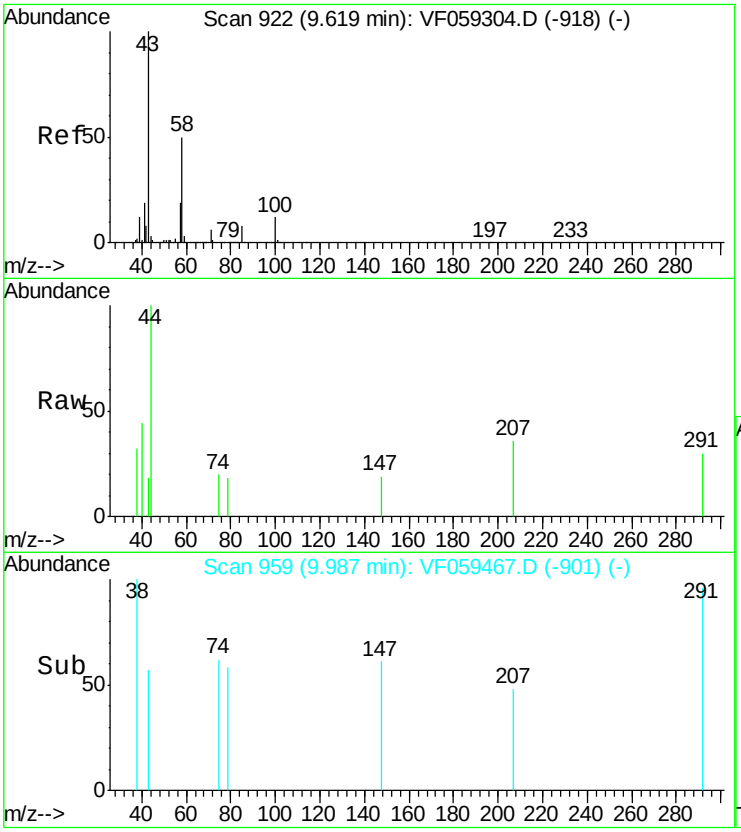


#55
1,1,2-Trichloroethane
Concen: 474.80 ug/l
RT: 8.87 min Scan# 846
Delta R.T. 0.25 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Tgt Ion: 97 Resp: 171

Ion	Ratio	Lower	Upper
97	100		
83	0.0	73.8	110.8#
85	0.0	45.5	68.3#
99	0.0	50.7	76.1#



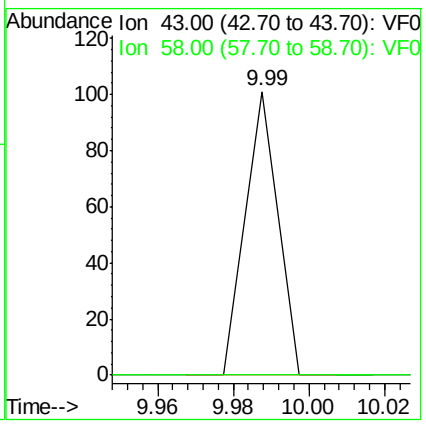


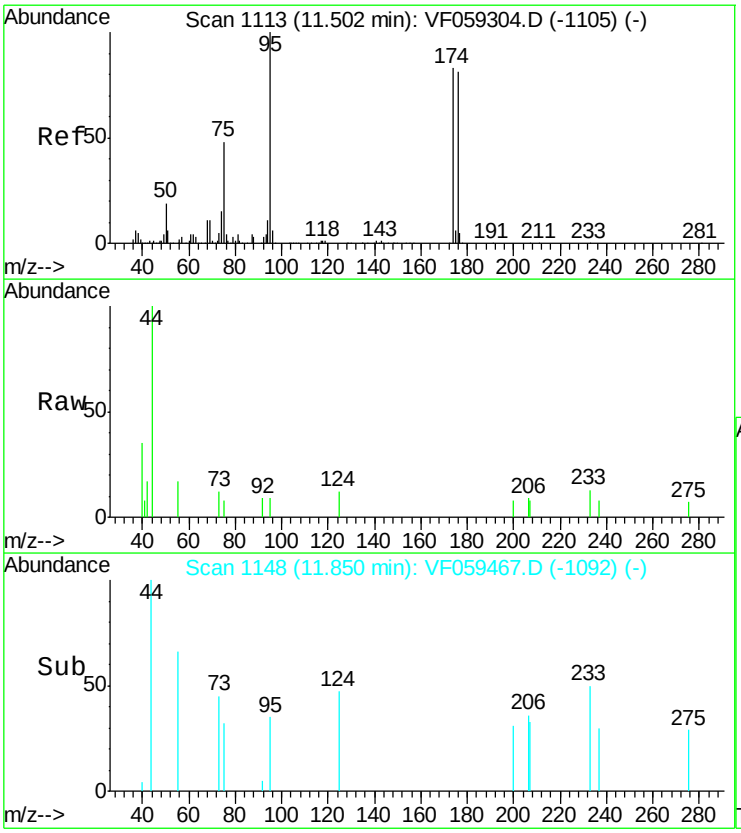
#59
2-Hexanone
Concen: 230.15 ug/l
RT: 9.99 min Scan# 959
Delta R.T. 0.37 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-MCMASTER-PH4-5(0-

Tgt Ion: 43 Resp: 60

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.3	69.9#

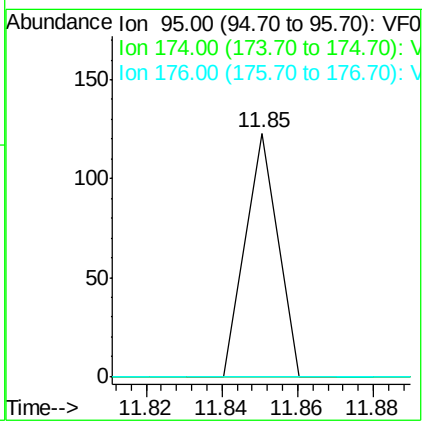


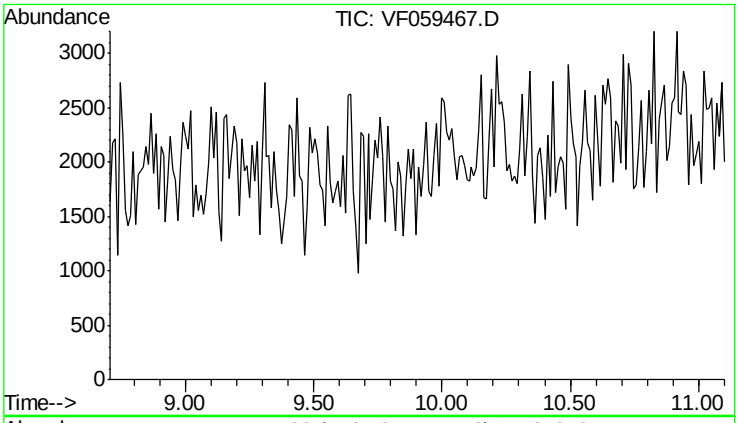


#62
4-Bromofluorobenzene
Concen: 111.77 ug/l
RT: 11.85 min Scan# 1148
Delta R.T. 0.35 min
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Tgt Ion: 95 Resp: 73

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	165.2
176	0.0	0.0	161.0





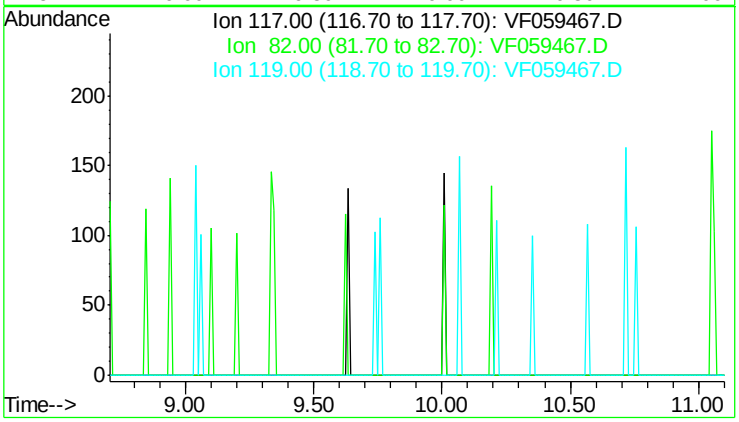
#63
Chlorobenzene-d5
Concen: 0.00 ug/l
Expected RT: 9.91 min

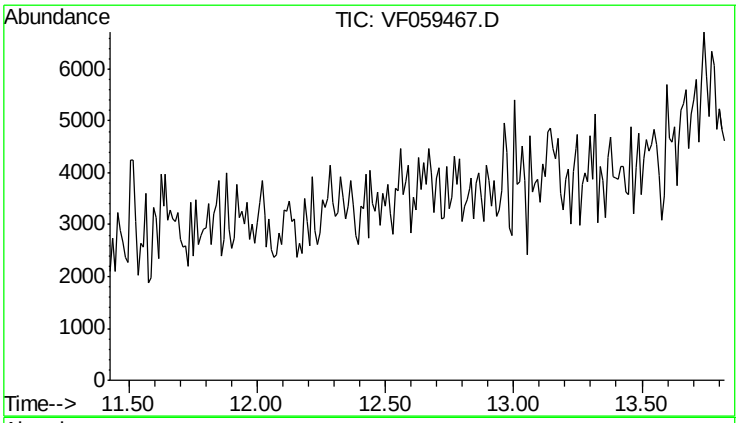
Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-MCMASTER-PH4-5(0-

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	55.7
119	30.1





#72
1,4-Dichlorobenzene-d4
Concen: 0.00 ug/l
Expected RT: 12.63 min

Lab File: VF059467.D
Acq: 6 Jul 2018 23:20

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	54.2
150	152.6