Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
Data File : VF061123.D
Acq On : 21 Dec 2018 13:51
Operator : VA/AP
Sample : J6194-09RE
Misc : 7.1g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OK-01-121818-BRE

Quant Time: Dec 21 16:04:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 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	-4.87
34) 1,4-Difluorobenzene	5.47	114	67	50.00	ug/l	-0.12
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.78
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.81	65	92	0.00	ug/l	-0.03
Spiked Amount 50.000			Recovery =	0.00%		
35) Dibromofluoromethane	4.17	113	60	111.79	ug/l	0.06
Spiked Amount 50.000			Recovery =	223.58%		
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
36) 1,1-Dichloropropene	4.14	75	98	121.177	ug/l #	43
37) Ethyl Acetate	4.03	43	191	Below Cal #		21
40) Benzene	4.63	78	70	40.249	ug/l #	1
41) Methacrylonitrile	4.64	41	242	1416.889	ug/l #	43
42) 1,2-Dichloroethane	4.97	62	64	96.869	ug/l	77
43) Isopropyl Acetate	6.82	43	346	886.047	ug/l #	45
47) Bromodichloromethane	6.11	83	73	91.548	ug/l #	24
48) Methyl methacrylate	6.59	41	192	704.304	ug/l #	31
49) 1,4-Dioxane	6.23	88	94	47521.568	ug/l #	1
51) 4-Methyl-2-Pentanone	8.09	43	390	1456.243	ug/l #	38
56) Ethyl methacrylate	8.44	69	75	200.826	ug/l #	24
57) 1,3-Dichloropropane	8.71	76	79	126.560	ug/l #	42
59) 2-Hexanone	9.30	43	474	2447.389	ug/l #	27

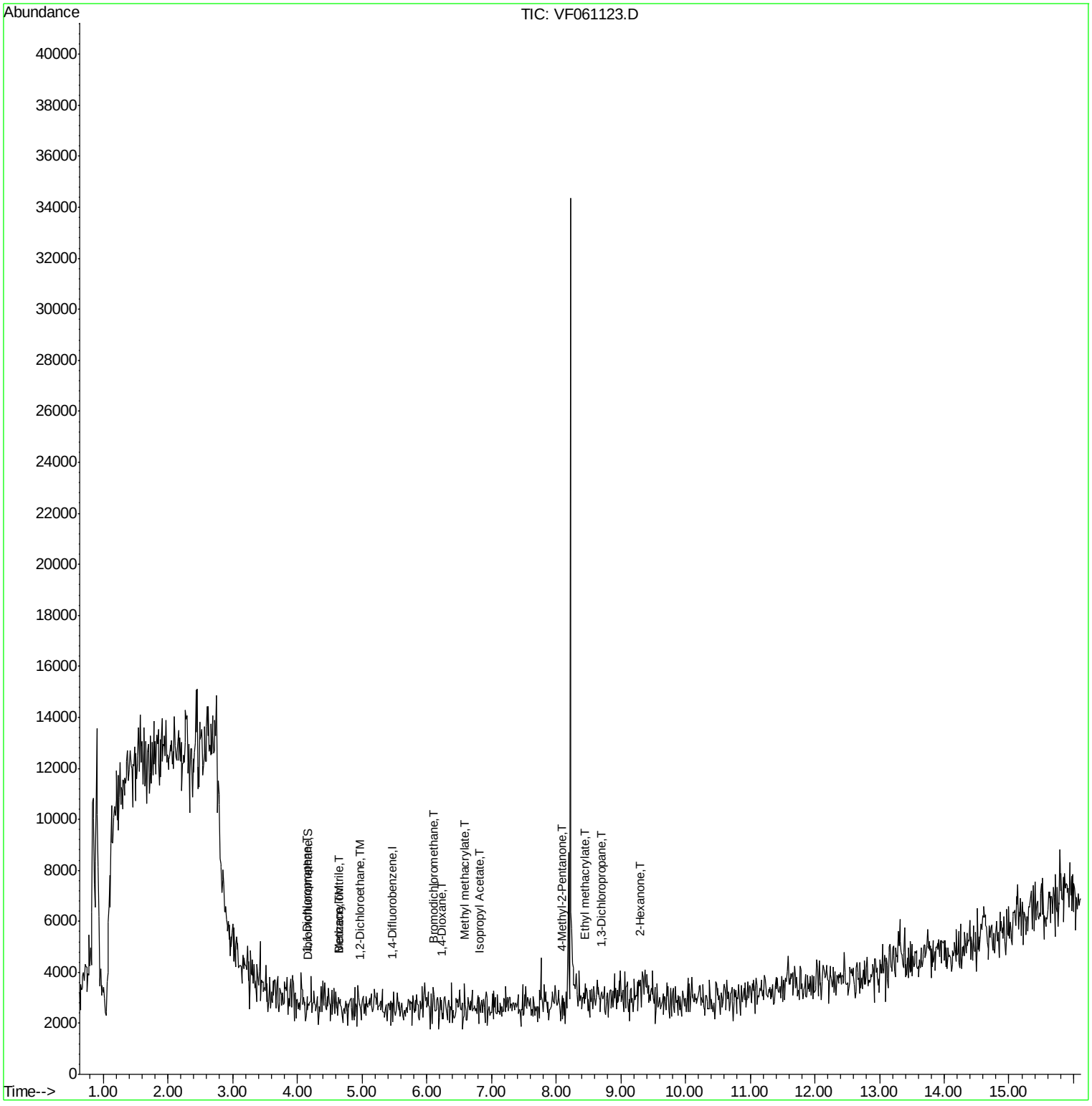
(#) = qualifier out of range (m) = manual integration (+) = signals summed

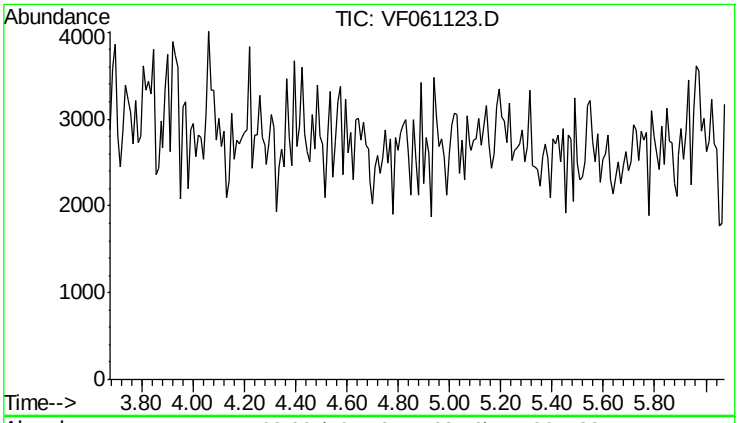
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122118\
Data File : VF061123.D
Acq On : 21 Dec 2018 13:51
Operator : VA/AP
Sample : J6194-09RE
Misc : 7.1g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OK-01-121818-BRE

Quant Time: Dec 21 16:04:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





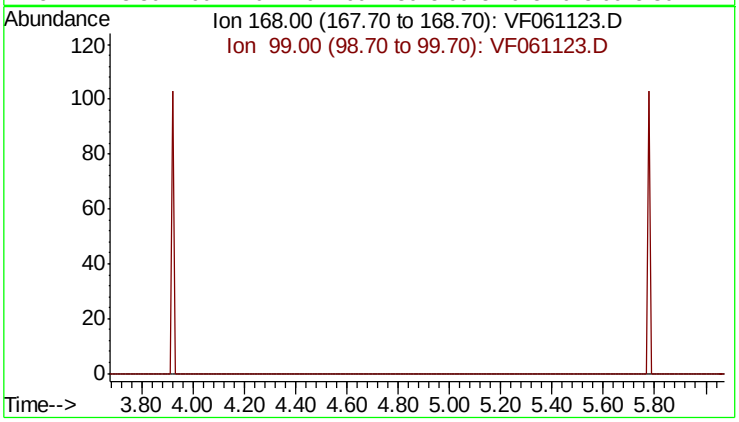
#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 4.87 min

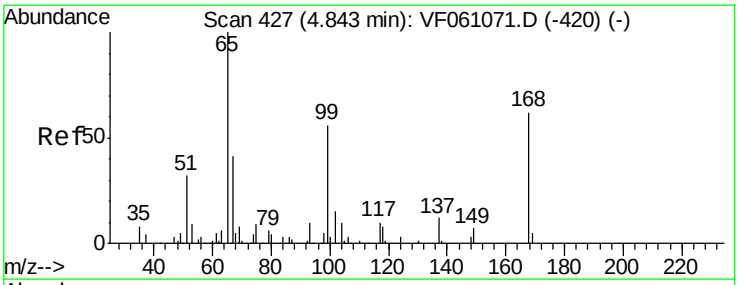
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

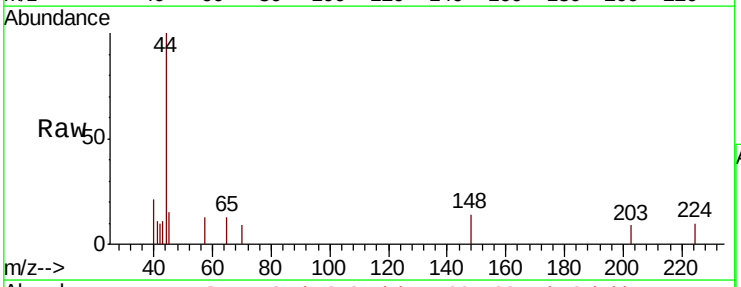
Tgt Ion: 168

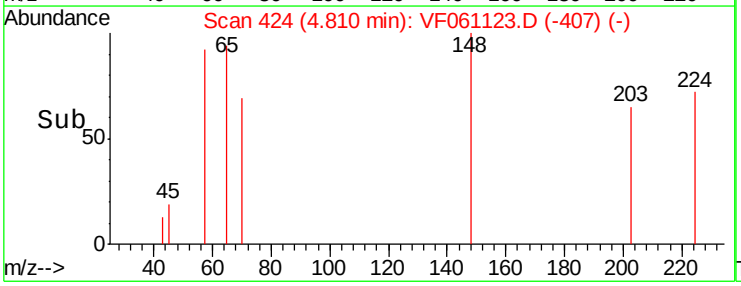
Sig	Exp Ratio
168	100
99	68.0

Instrument :
MSVOA_F
ClientSampleId :
OK-01-121818-BRE





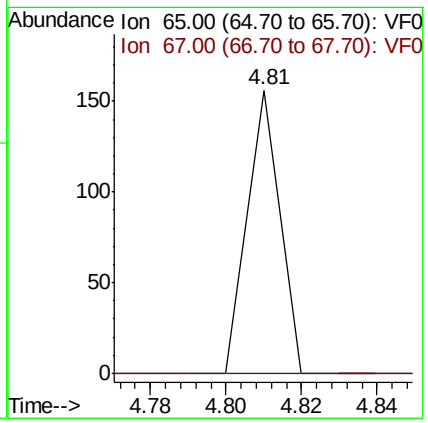


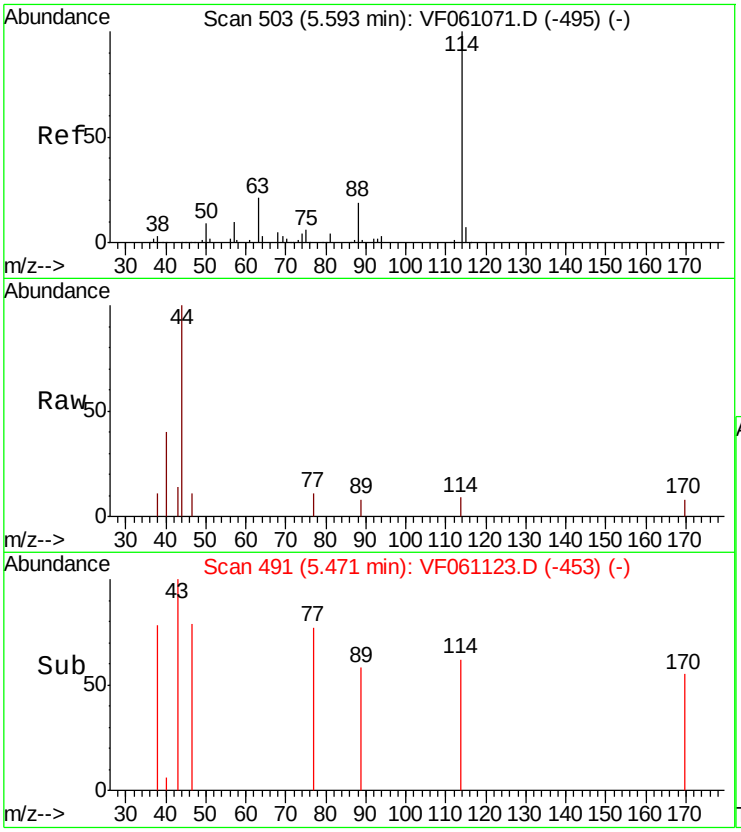


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
RT: 4.81 min Scan# 424
Delta R.T. -0.03 min
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Tgt Ion: 65 Resp: 92

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	94.6



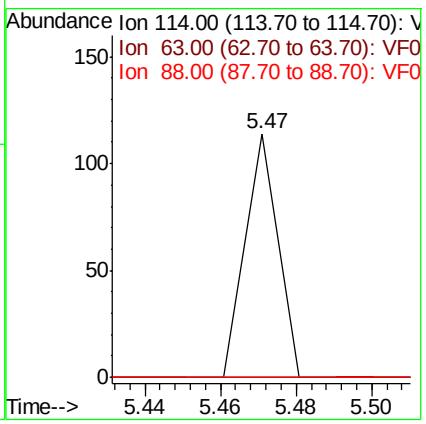


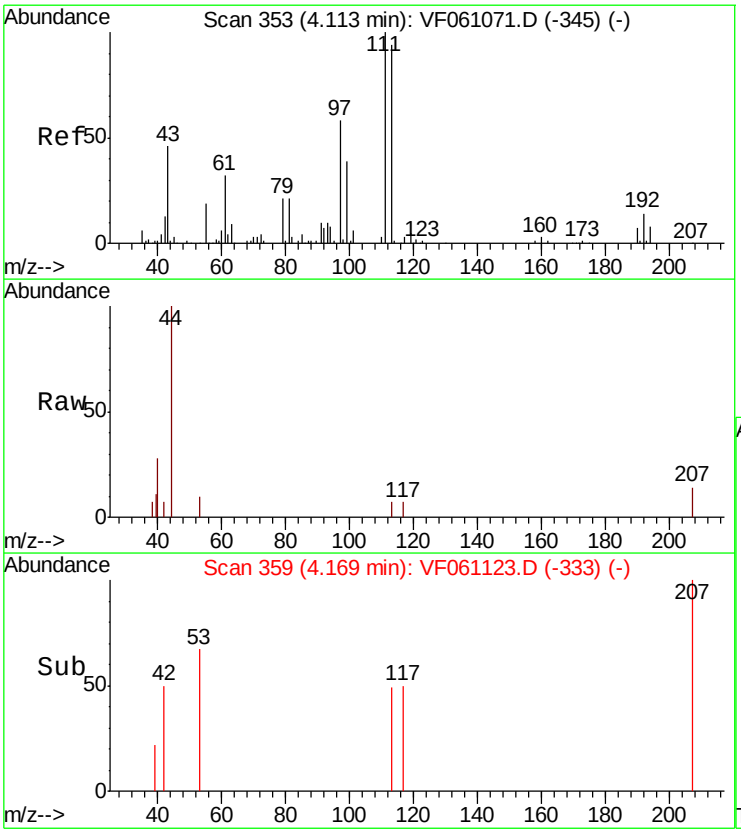
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.47 min Scan# 491
Delta R.T. -0.12 min
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Instrument :
MSVOA_F
ClientSampleId :
OK-01-121818-BRE

Tgt Ion:114 Resp: 67

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	41.6
88	0.0	0.0	38.0

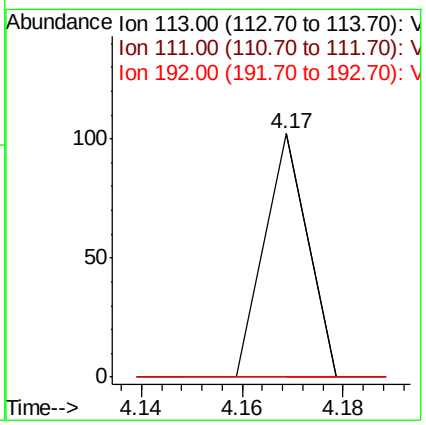


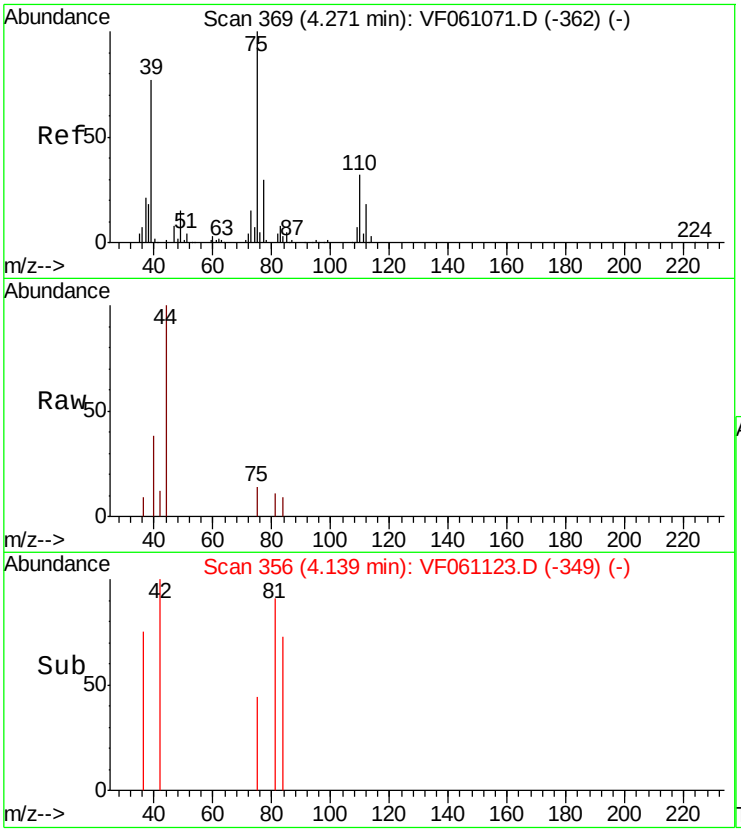


#35
Dibromofluoromethane
Concen: 111.793 ug/l
RT: 4.17 min Scan# 359
Delta R.T. 0.06 min
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Tgt Ion:113 Resp: 60

Ion	Ratio	Lower	Upper
113	100		
111	0.0	85.2	127.8#
192	0.0	12.8	19.2#



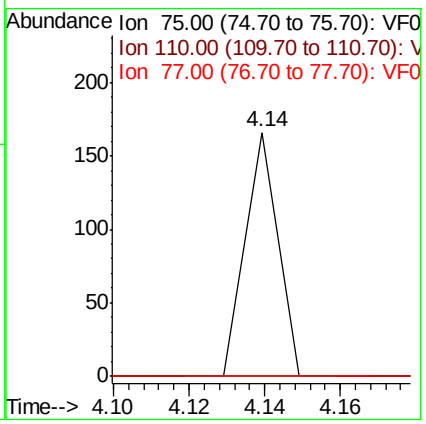


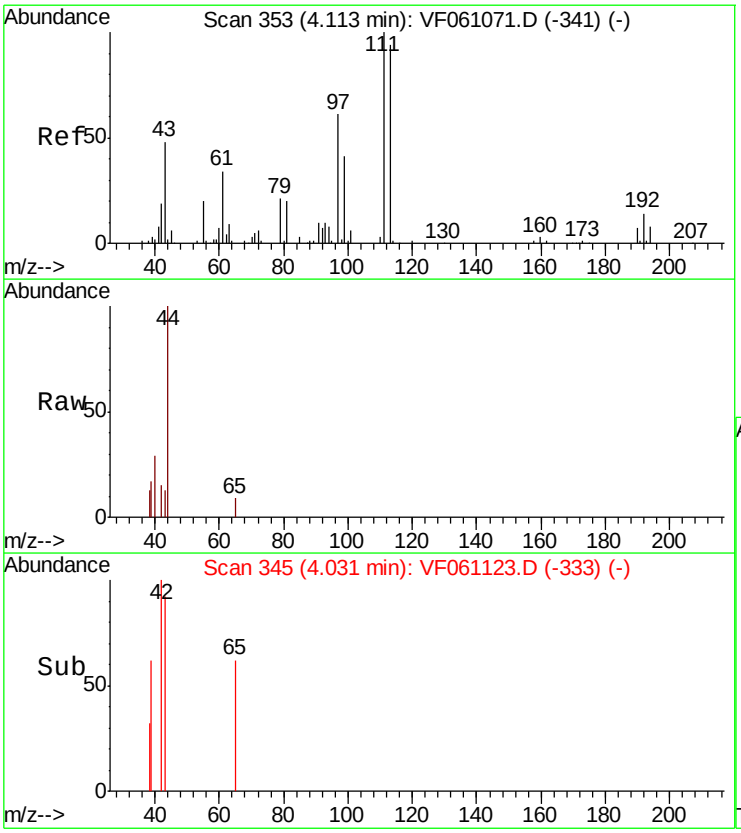
#36
1,1-Dichloropropene
Concen: 121.177 ug/l
RT: 4.14 min Scan# 356
Delta R.T. -0.13 min
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Instrument : MSVOA_F
ClientSampleId : OK-01-121818-BRE

Tgt Ion: 75 Resp: 98

Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.1	48.2#
77	0.0	24.5	36.7#

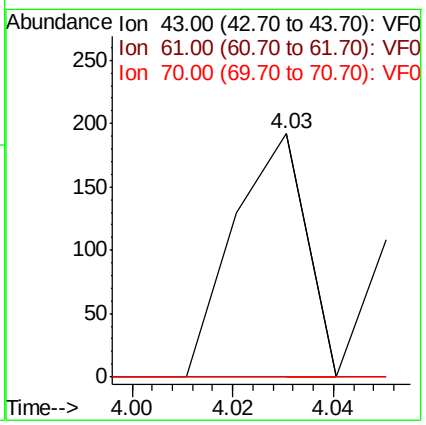


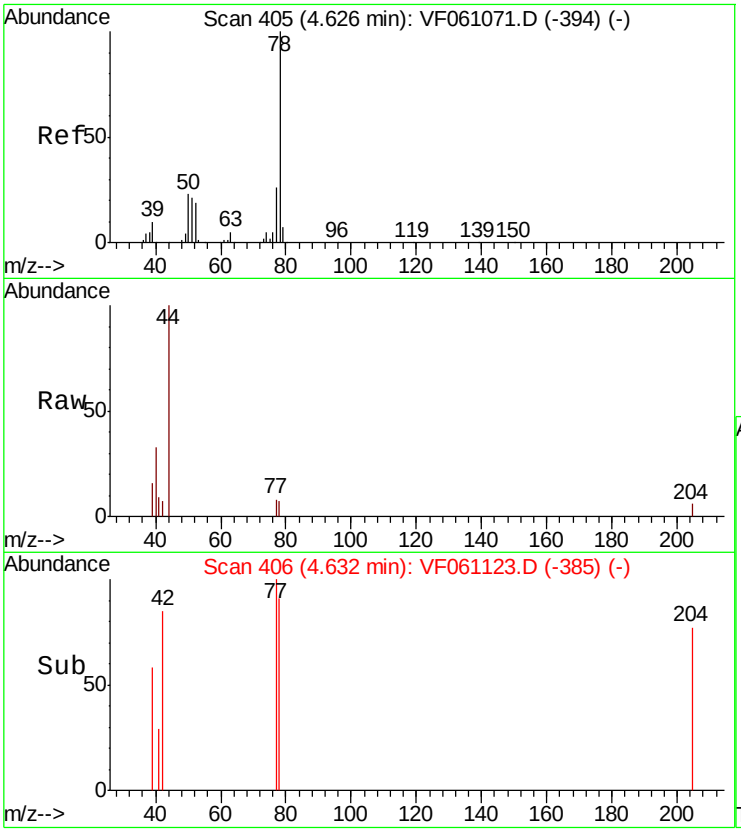


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.03 min Scan# 345
Delta R.T. -0.08 min
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Tgt Ion: 43 Resp: 191

Ion	Ratio	Lower	Upper
43	100		
61	0.0	56.6	84.8#
70	0.0	6.3	9.5#



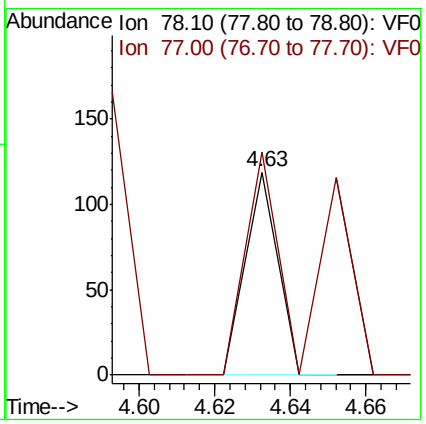


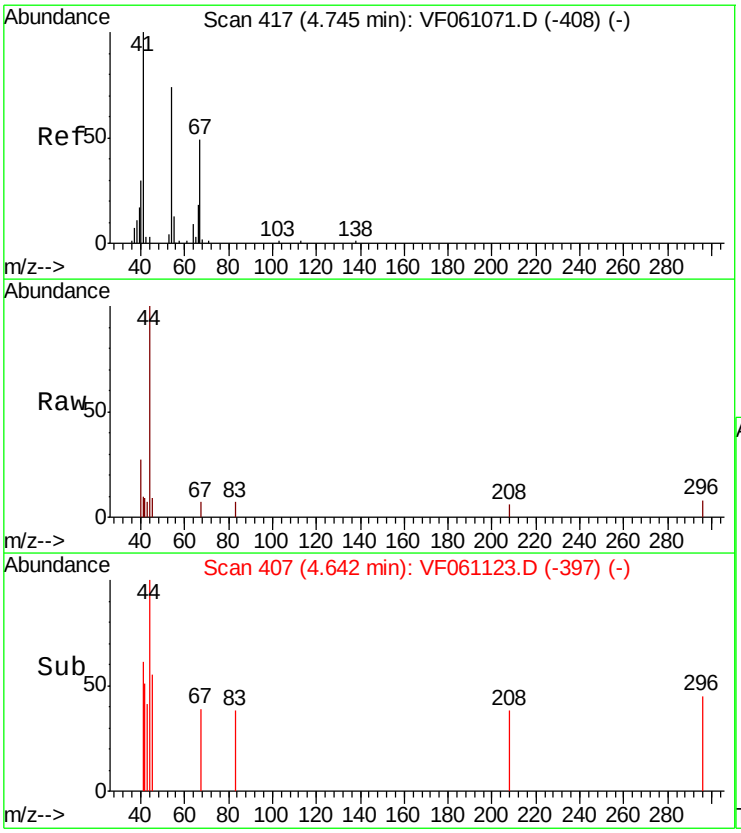
#40
Benzene
Concen: 40.249 ug/l
RT: 4.63 min Scan# 406
Delta R.T. 0.01 min
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Instrument :
MSVOA_F
ClientSampleId :
OK-01-121818-BRE

Tgt Ion: 78 Resp: 70

Ion	Ratio	Lower	Upper
78	100		
77	110.1	20.7	31.1#

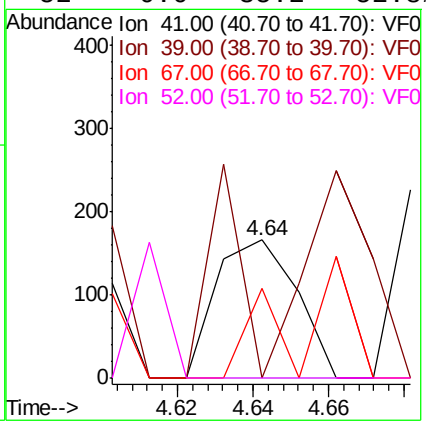


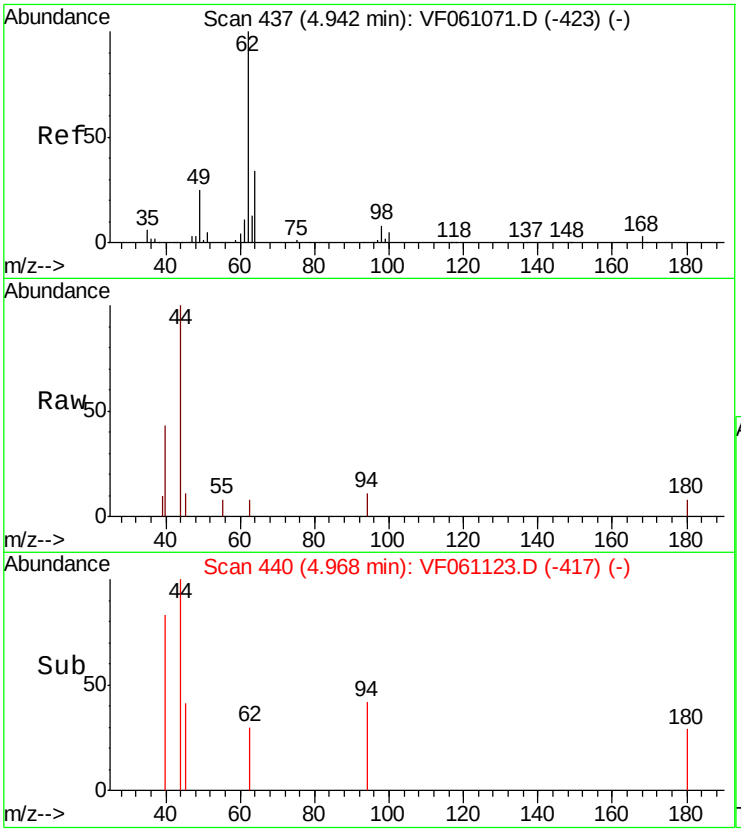


#41
Methacrylonitrile
Concen: 1416.889 ug/l
RT: 4.64 min Scan# 407
Delta R.T. -0.10 min
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Tgt Ion: 41 Resp: 242

Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.7	68.5#
67	64.8	38.9	58.3#
52	0.0	35.2	52.8#



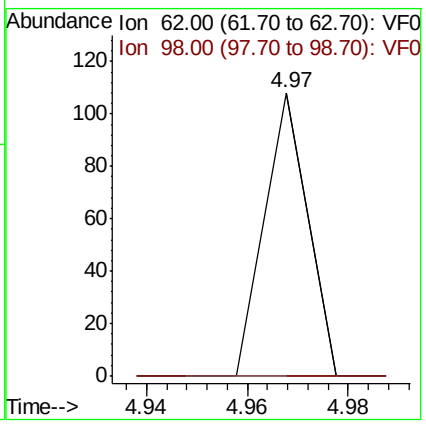


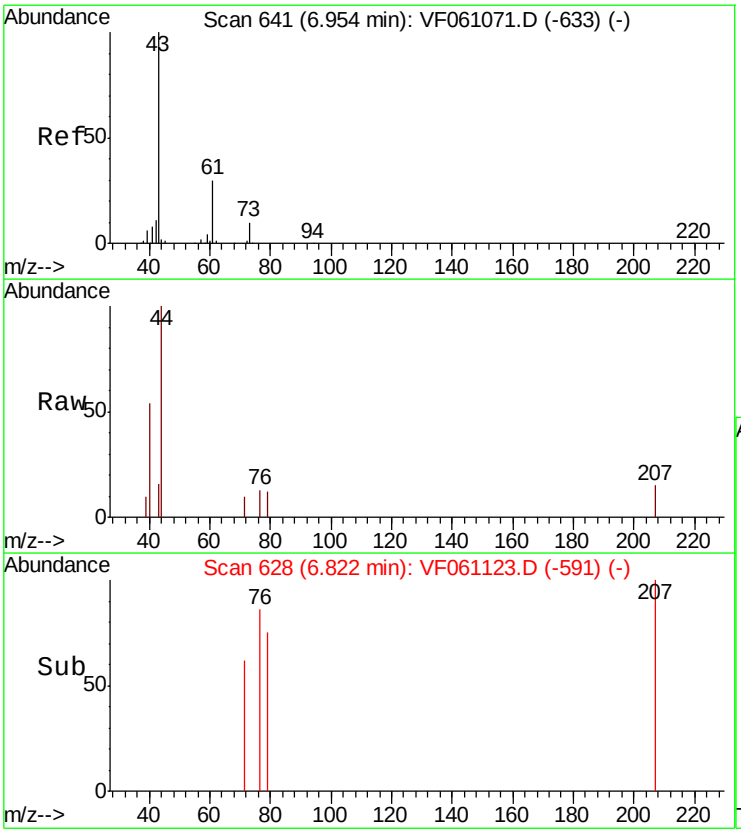
#42
1,2-Dichloroethane
Concen: 96.869 ug/l
RT: 4.97 min Scan# 440
Delta R.T. 0.03 min
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Instrument : MSVOA_F
ClientSampleId : OK-01-121818-BRE

Tgt Ion: 62 Resp: 64

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.6

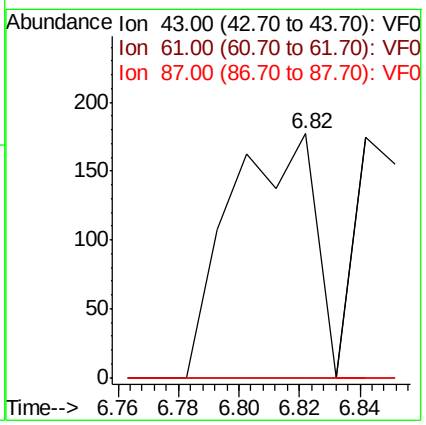


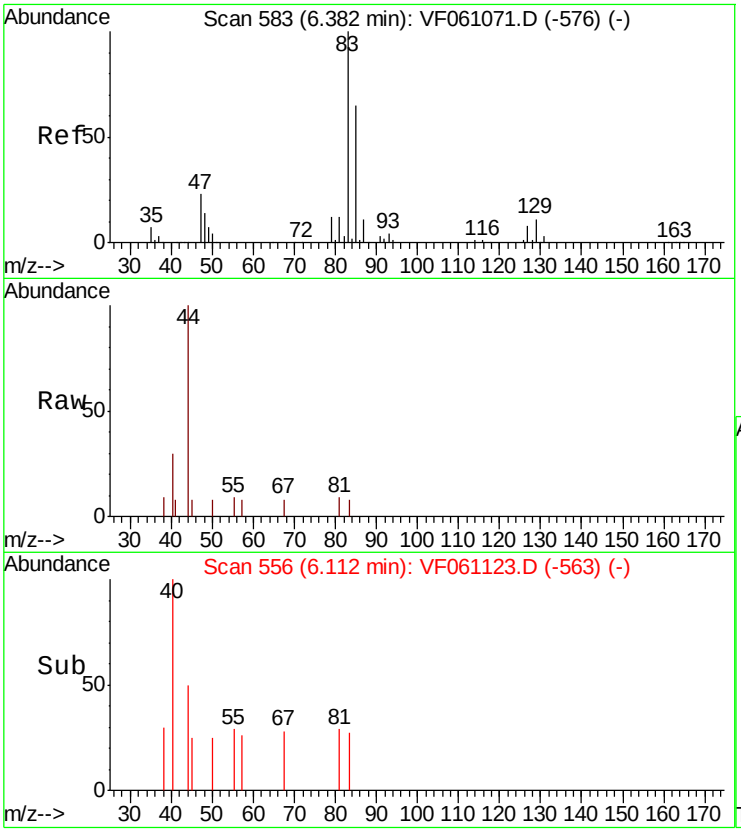


#43
Isopropyl Acetate
Concen: 886.047 ug/l
RT: 6.82 min Scan# 628
Delta R.T. -0.13 min
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Tgt Ion: 43 Resp: 346

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.8	35.8#
87	0.0	0.0	0.0



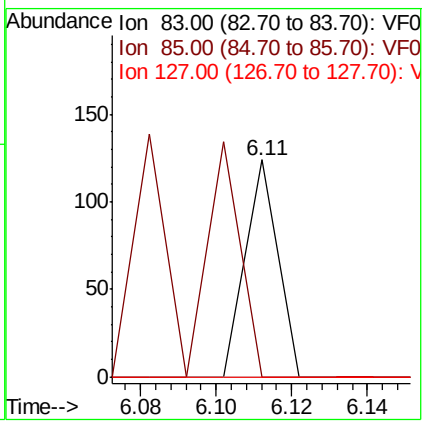


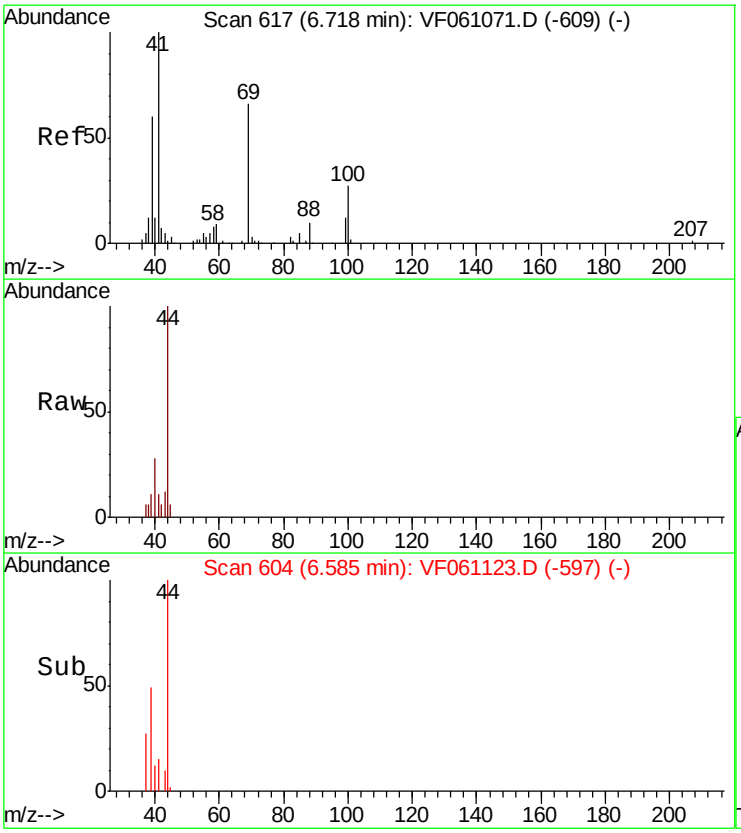
#47
Bromodichloromethane
Concen: 91.548 ug/l
RT: 6.11 min Scan# 556
Delta R.T. -0.27 min
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Instrument : MSVOA_F
ClientSampleId : OK-01-121818-BRE

Tgt Ion: 83 Resp: 73

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.2	78.4#
127	0.0	6.1	9.1#

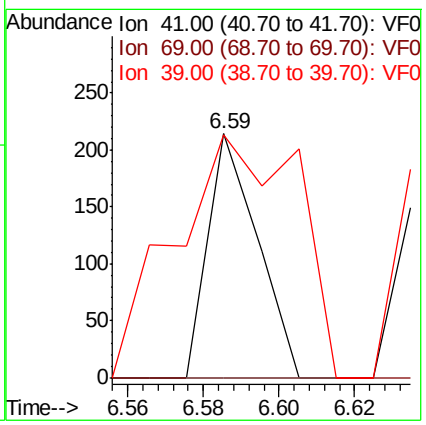


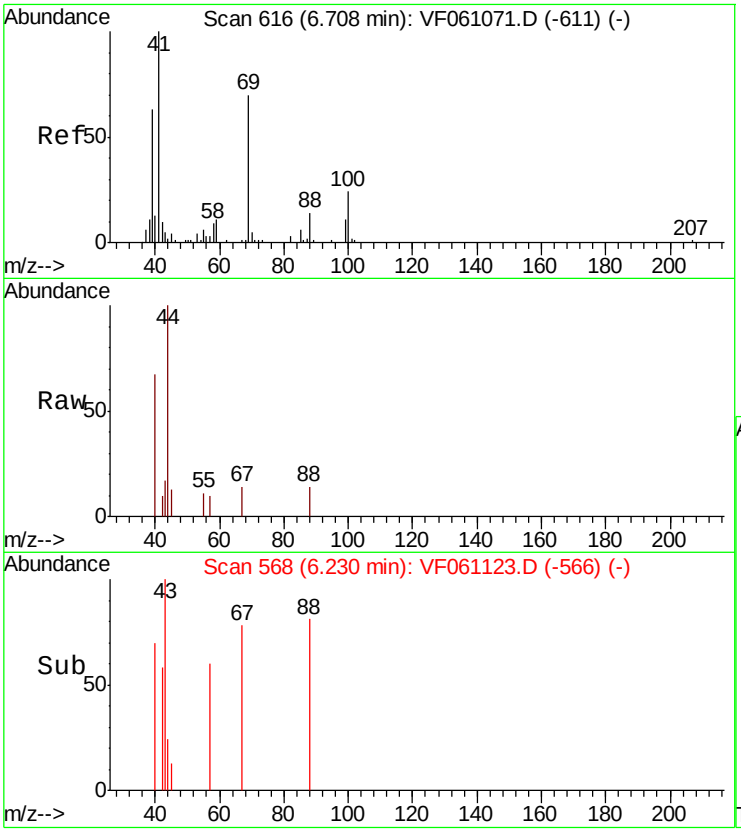


#48
Methyl methacrylate
Concen: 704.304 ug/l
RT: 6.59 min Scan# 604
Delta R.T. -0.13 min
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Tgt Ion: 41 Resp: 192

Ion	Ratio	Lower	Upper
41	100		
69	0.0	52.7	79.1#
39	99.5	47.8	71.6#



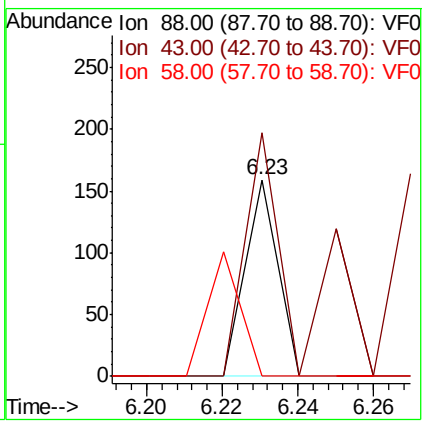


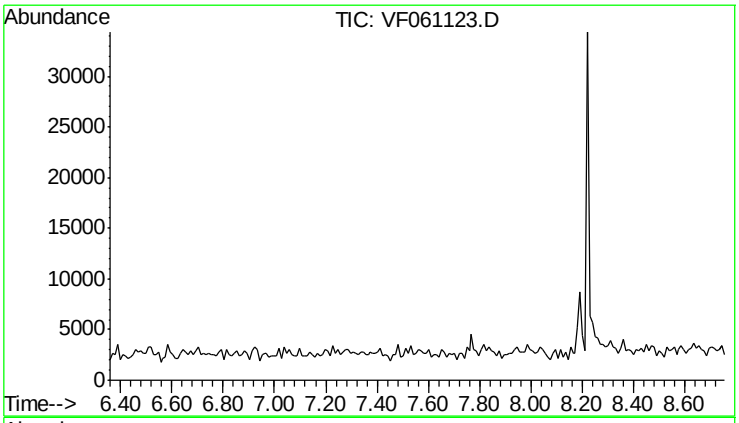
#49
1,4-Dioxane
Concen: 47521.568 ug/l
RT: 6.23 min Scan# 568
Delta R.T. -0.48 min
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Instrument :
MSVOA_F
ClientSampleId :
OK-01-121818-BRE

Tgt Ion: 88 Resp: 94

Ion	Ratio	Lower	Upper
88	100		
43	123.9	33.3	49.9#
58	0.0	53.2	79.8#



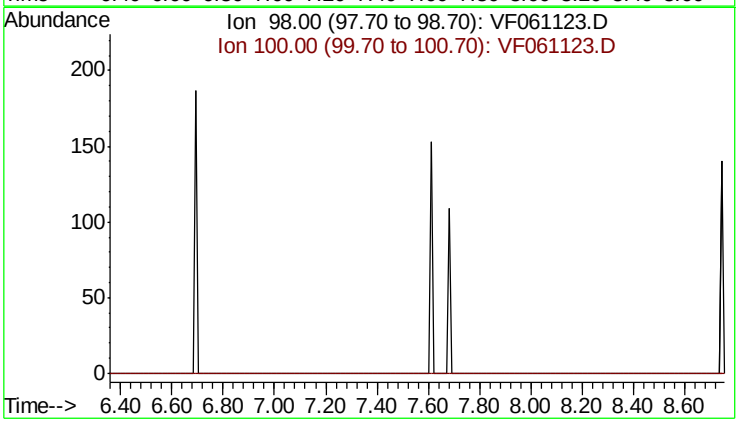


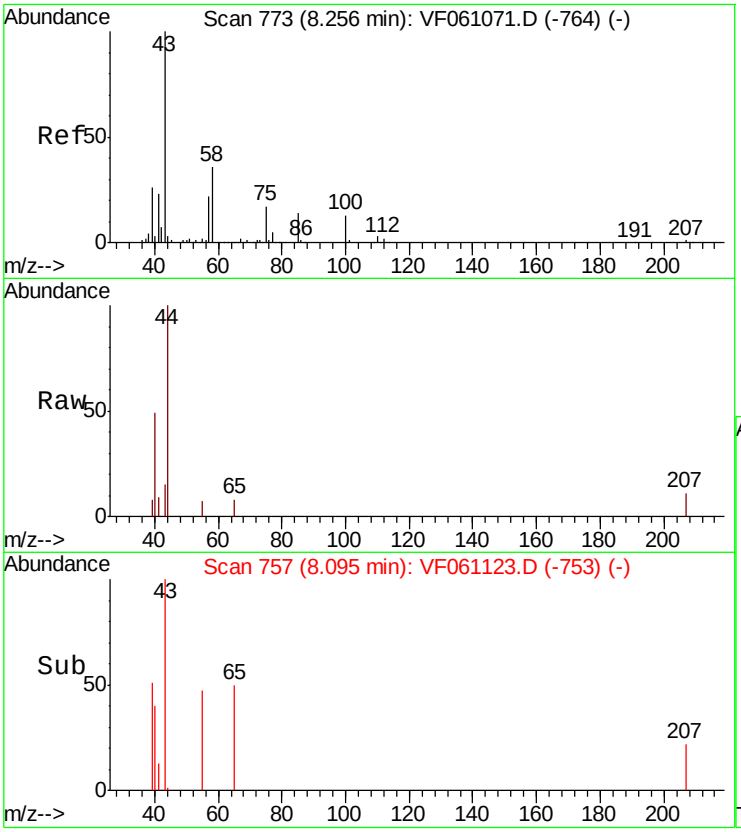
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.56 min

Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	69.1



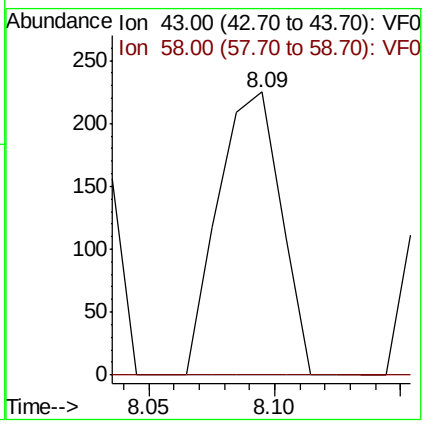


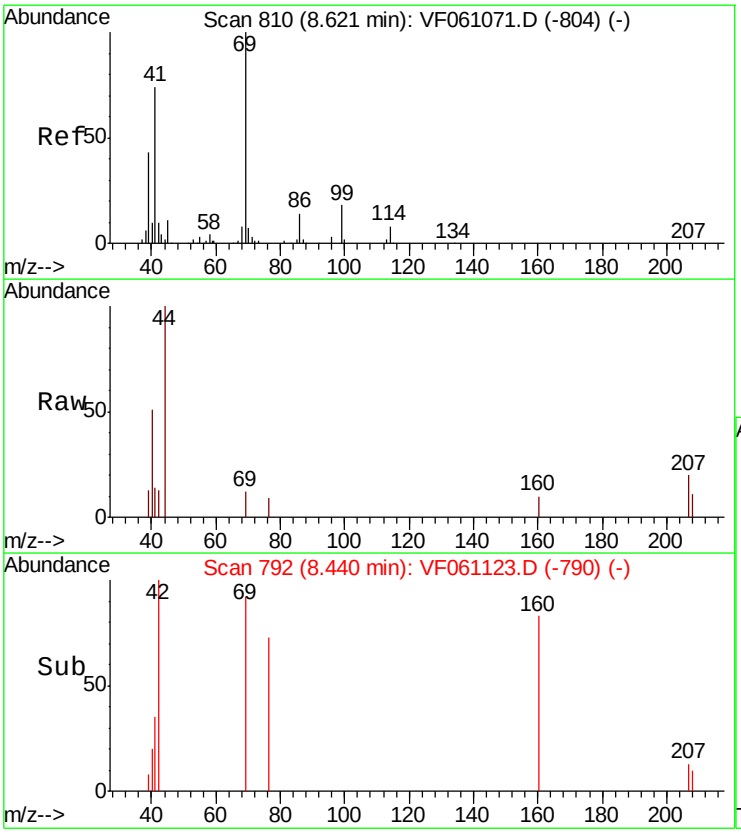
#51
4-Methyl-2-Pentanone
Concen: 1456.243 ug/l
RT: 8.09 min Scan# 757
Delta R.T. -0.16 min
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Instrument :
MSVOA_F
ClientSampleId :
OK-01-121818-BRE

Tgt Ion: 43 Resp: 390

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.1	43.7#

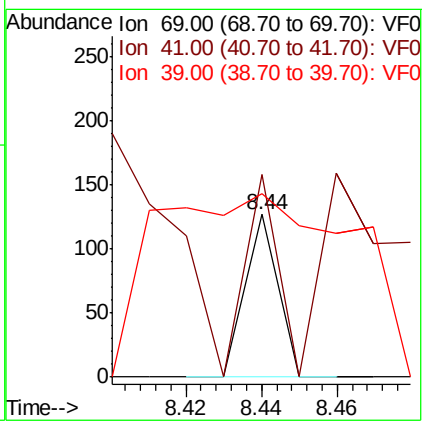


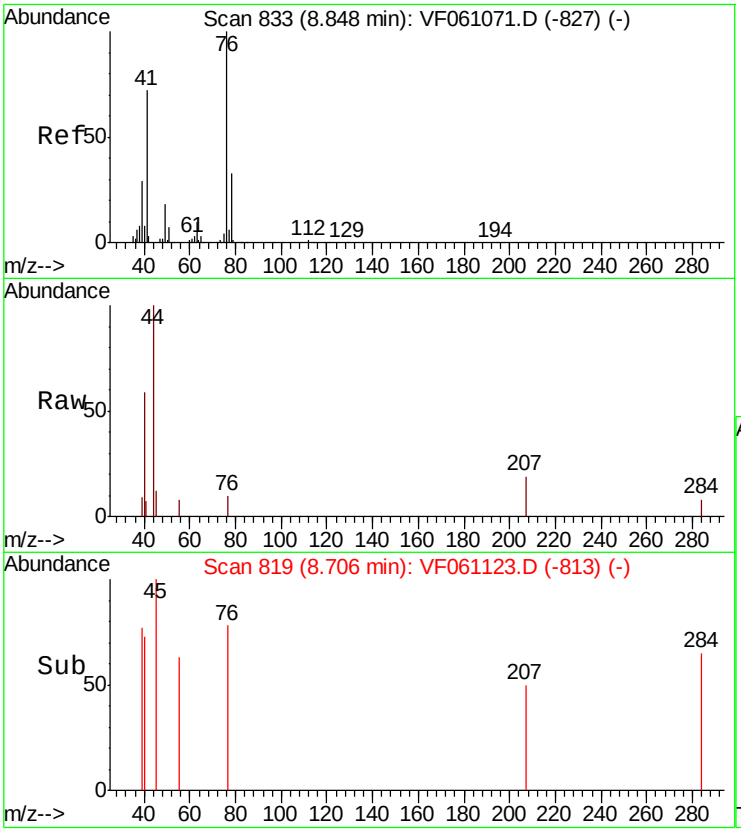


#56
Ethyl methacrylate
Concen: 200.826 ug/l
RT: 8.44 min Scan# 792
Delta R.T. -0.18 min
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Tgt Ion: 69 Resp: 75

Ion	Ratio	Lower	Upper
69	100		
41	124.4	59.7	89.5#
39	112.6	35.0	52.6#



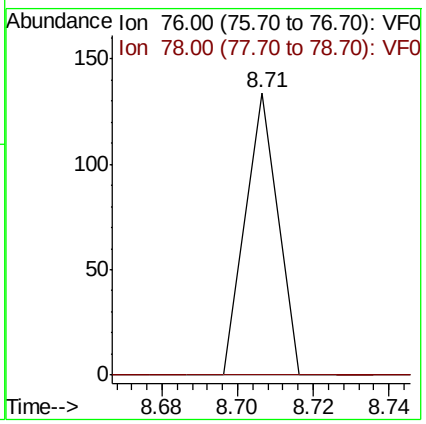


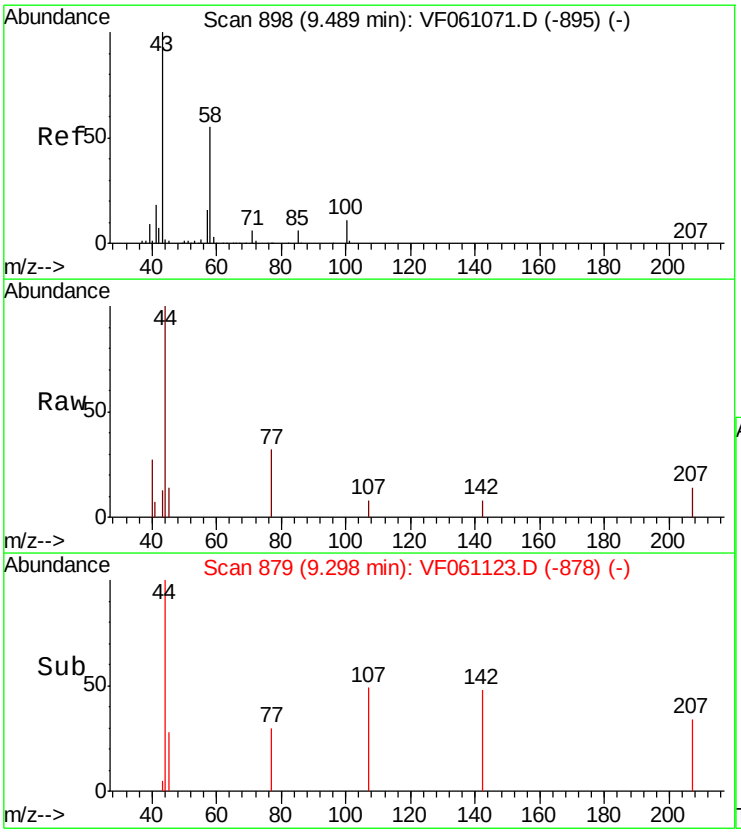
#57
1,3-Dichloropropane
Concen: 126.560 ug/l
RT: 8.71 min Scan# 819
Delta R.T. -0.14 min
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Tgt Ion: 76 Resp: 79

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.5	39.7#

Instrument :
MSVOA_F
ClientSampleId :
OK-01-121818-BRE

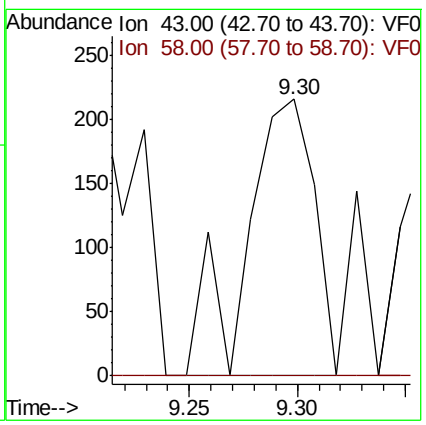


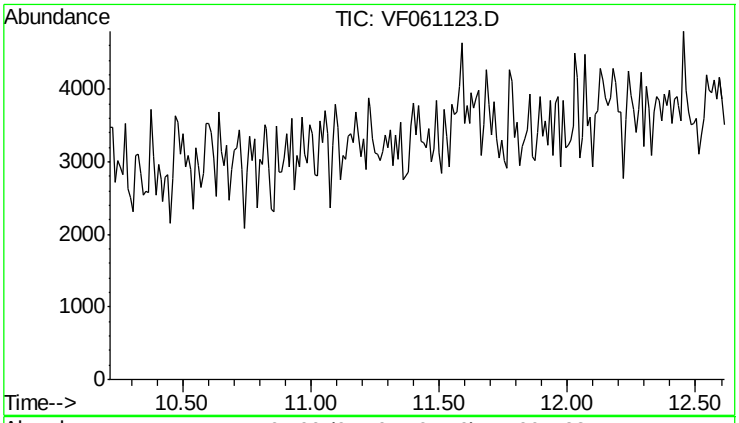


#59
2-Hexanone
Concen: 2447.389 ug/l
RT: 9.30 min Scan# 879
Delta R.T. -0.19 min
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Tgt Ion: 43 Resp: 474

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.1	75.2#





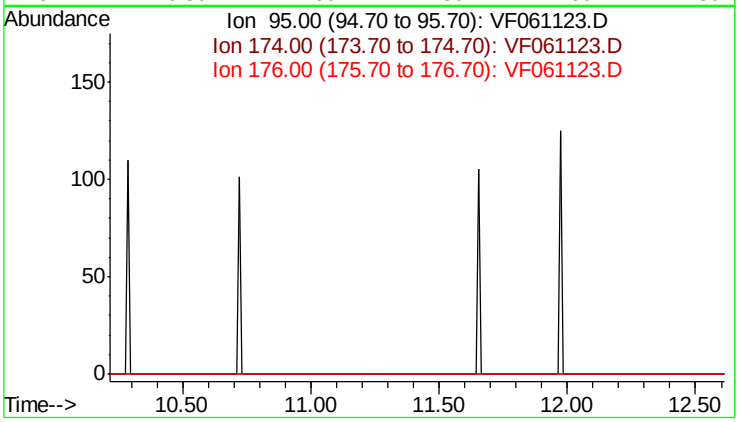
#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.41 min

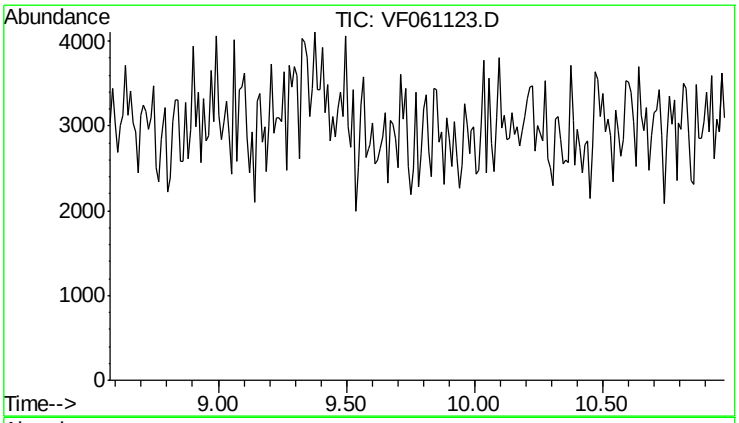
Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Instrument :
MSVOA_F
ClientSampleId :
OK-01-121818-BRE

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	71.9
176	73.8



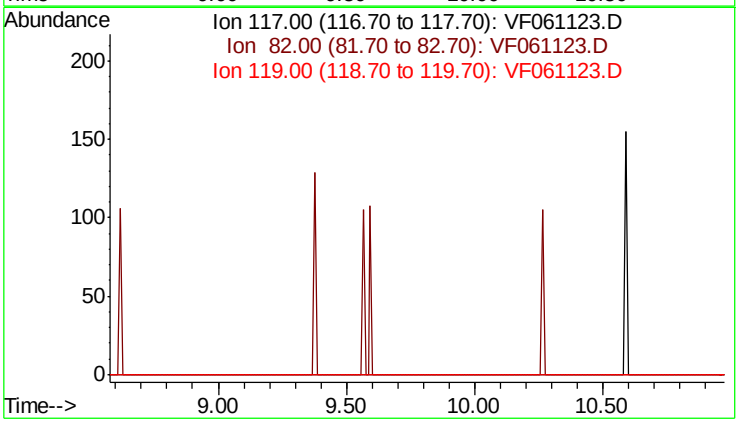


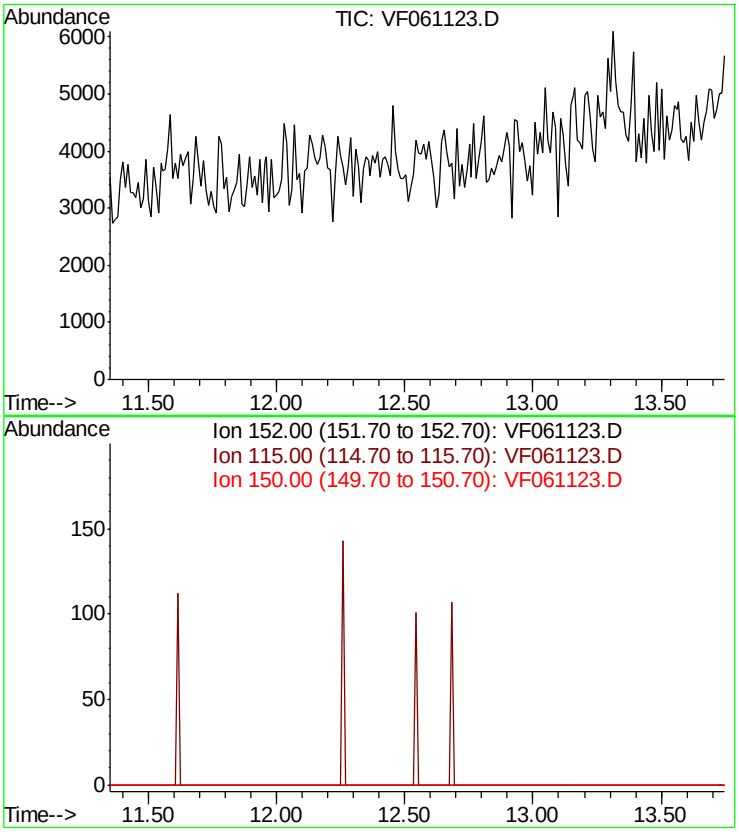
#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 9.78 min

Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	56.2
119	31.0





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 12.55 min

Lab File: VF061123.D
Acq: 21 Dec 2018 13:51

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	66.6
150	164.1

Instrument :
MSVOA_F
ClientSampleId :
OK-01-121818-BRE