Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081718\

Quantitation Report (Not Reviewed)

Data File : VF059991.D
Acq On : 18 Aug 2018 00:29
Operator : VA/AP
Sample : J4501-06RE
Misc : 5.05g/5mL/MSVOA_F/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : RA-081318-SSW-15-021RE

Quant Time: Aug 18 01:42:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	18459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	13531	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	7913	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.64	152	931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	3315	9.30	ug/l	-0.01
Spiked Amount 50.000			Recovery = 18.60%			
35) Dibromofluoromethane	4.29	113	4647	33.60	ug/l	-0.01
Spiked Amount 50.000			Recovery = 67.20%			
50) Toluene-d8	7.71	98	15195	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.82%			
62) 4-Bromofluorobenzene	11.51	95	1288	6.82	ug/l	-0.01
Spiked Amount 50.000			Recovery = 13.64%			
Target Compounds						Qvalue
3) Chloromethane	1.12	50	774	3.413	ug/l	90
5) Bromomethane	1.33	94	371	1.314	ug/l #	56
6) Chloroethane	1.41	64	257	2.647	ug/l #	44
10) Methyl Iodide	1.94	142	1073	3.380	ug/l #	73
11) Tert butyl alcohol	2.60	59	66	3.178	ug/l #	1
13) Acrolein	2.17	56	67	18.637	ug/l #	9
16) Acetone	2.36	43	162	Below Cal	#	64
18) Methyl Acetate	2.48	43	83	Below Cal	#	63
20) Methylene Chloride	2.29	84	333	Below Cal	#	72
29) Tetrahydrofuran	4.18	42	85	2.765	ug/l #	38
41) Methacrylonitrile	4.84	41	115	2.820	ug/l #	19
58) 2-Chloroethyl Vinyl ether	7.81	63	67	8.803	ug/l	100
59) 2-Hexanone	9.45	43	105	1.452	ug/l #	35
74) N-amyl acetate	11.37	43	62	3.915	ug/l #	49
95) Naphthalene	14.58	128	64	1.959	ug/l #	69

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

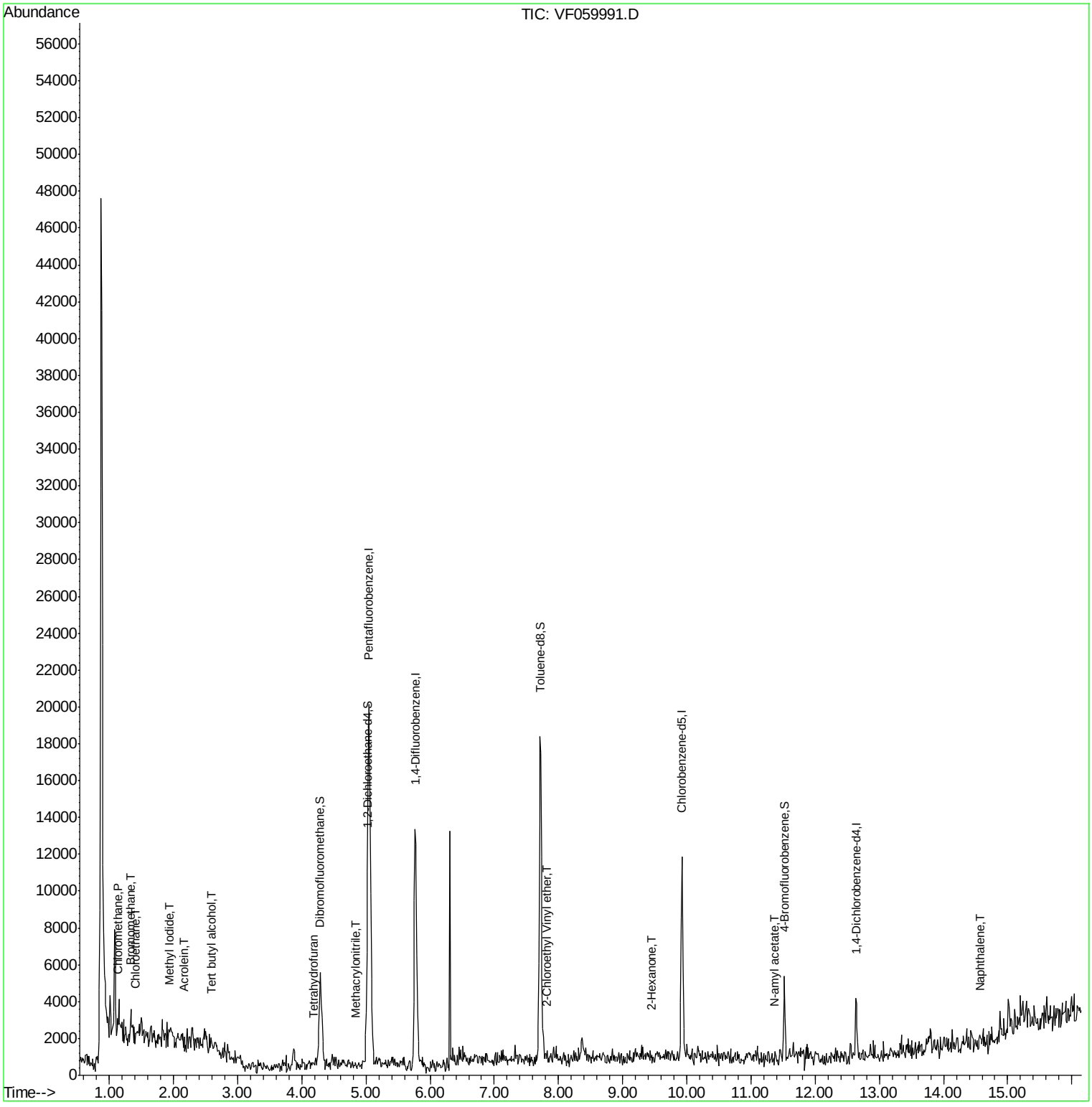
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081718\

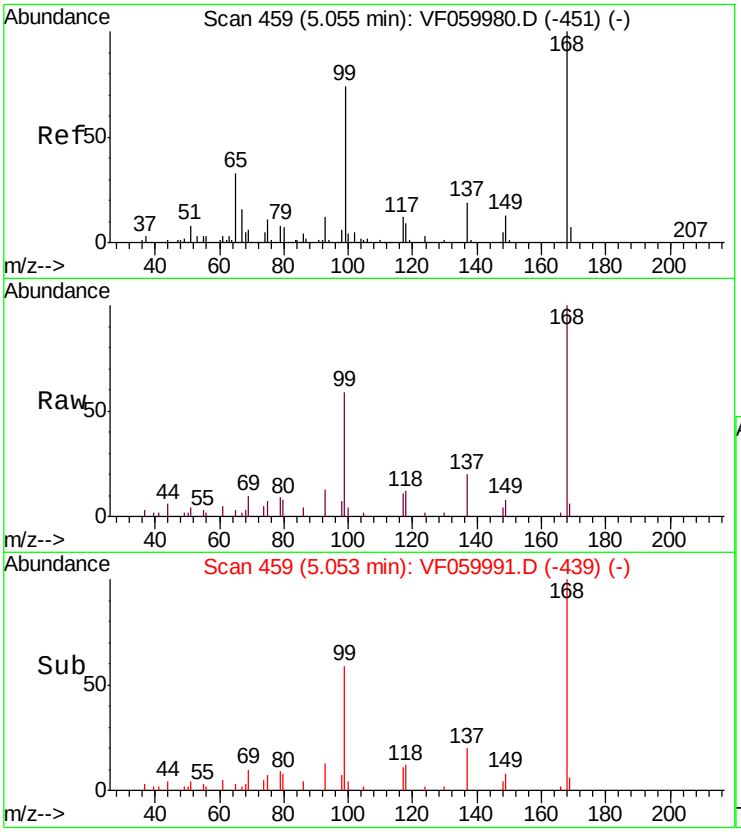
Quantitation Report (Not Reviewed)

Data File : VF059991.D
Acq On : 18 Aug 2018 00:29
Operator : VA/AP
Sample : J4501-06RE
Misc : 5.05g/5mL/MSVOA_F/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
RA-081318-SSW-15-021RE

Quant Time: Aug 18 01:42:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration



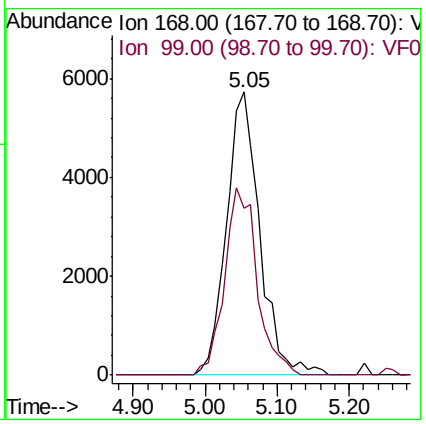


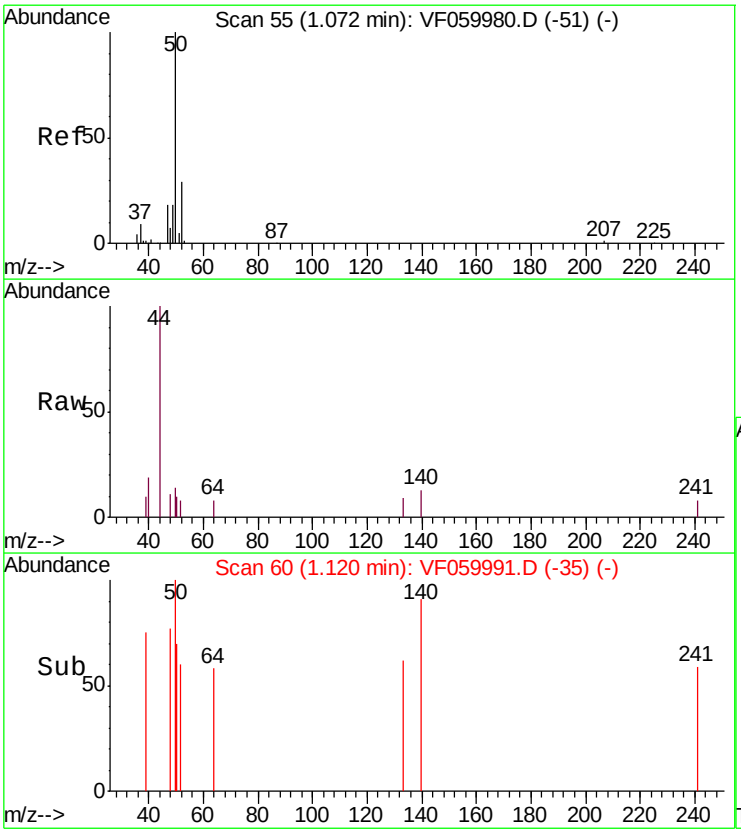
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 459
Delta R.T. -0.00 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Instrument :
MSVOA_F
ClientSampleId :
RA-081318-SSW-15-021RE

Tgt Ion:168 Resp: 18459

Ion	Ratio	Lower	Upper
168	100		
99	59.1	59.0	88.6

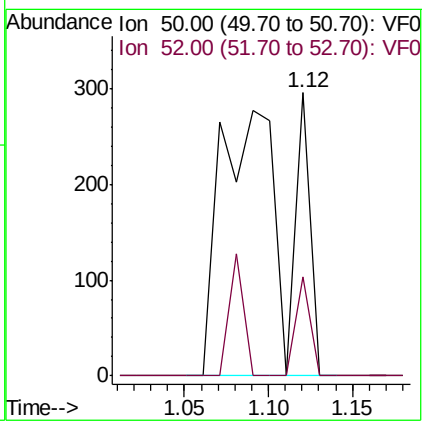


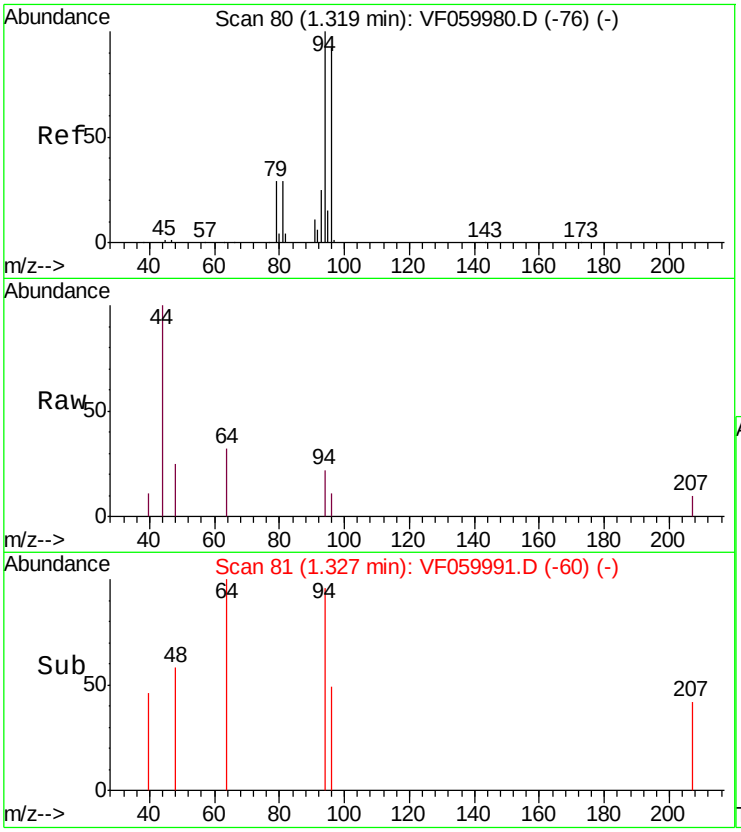


#3
Chloromethane
Concen: 3.413 ug/l
RT: 1.12 min Scan# 60
Delta R.T. 0.05 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Tgt Ion: 50 Resp: 774

Ion	Ratio	Lower	Upper
50	100		
52	35.1	23.6	35.4



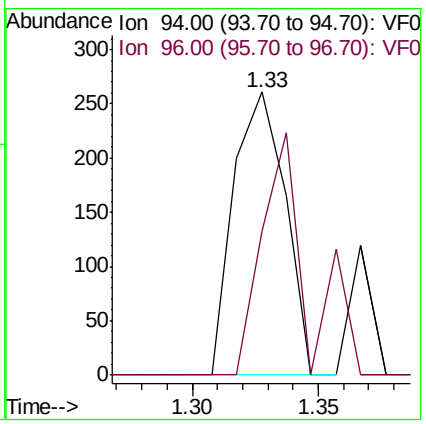


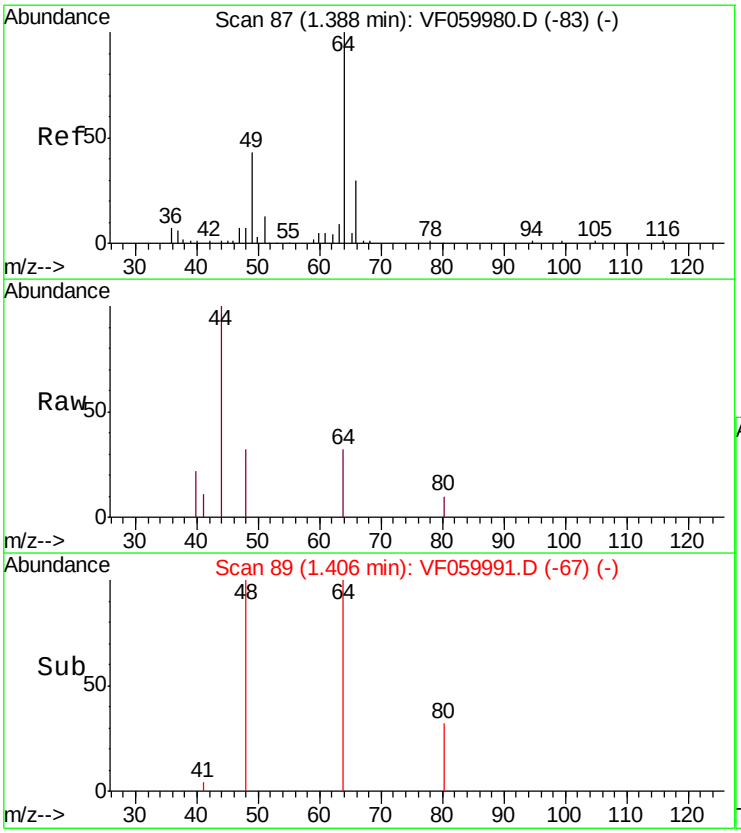
#5
Bromomethane
Concen: 1.314 ug/l
RT: 1.33 min Scan# 81
Delta R.T. 0.01 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Instrument :
MSVOA_F
ClientSampleId :
RA-081318-SSW-15-021RE

Tgt Ion: 94 Resp: 371

Ion	Ratio	Lower	Upper
94	100		
96	50.6	73.9	110.9#

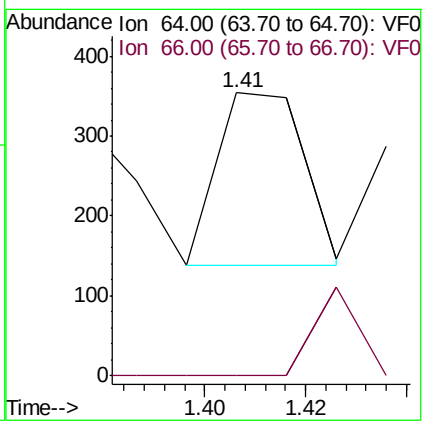


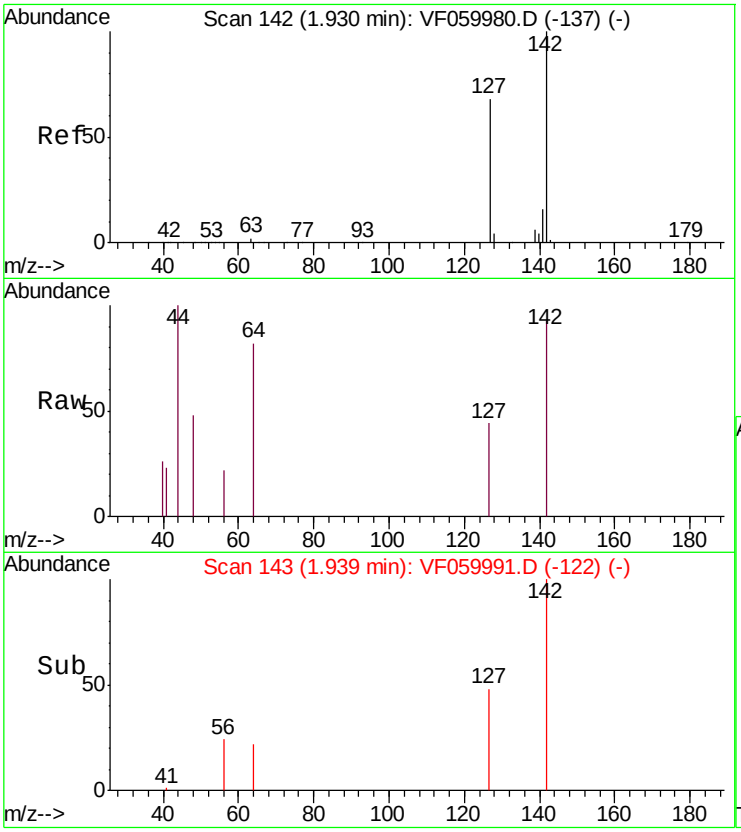


#6
Chloroethane
Concen: 2.647 ug/l
RT: 1.41 min Scan# 89
Delta R.T. 0.02 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Tgt Ion: 64 Resp: 257

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.4	36.6#



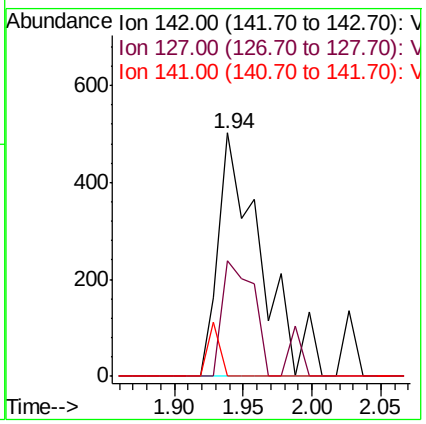


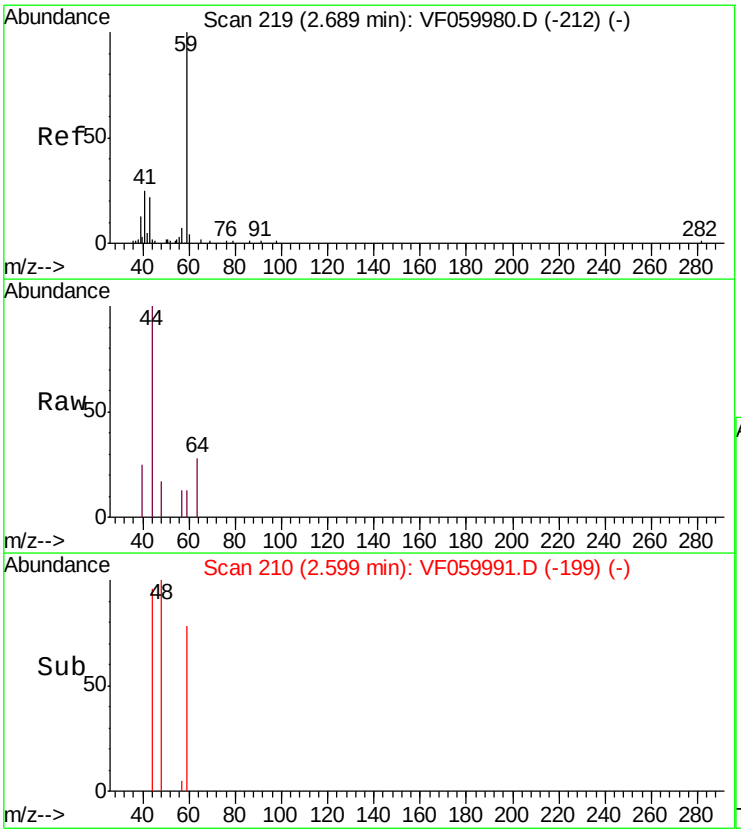
#10
Methyl Iodide
Concen: 3.380 ug/l
RT: 1.94 min Scan# 143
Delta R.T. 0.01 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Instrument :
MSVOA_F
ClientSampleId :
RA-081318-SSW-15-021RE

Tgt Ion:142 Resp: 1073

Ion	Ratio	Lower	Upper
142	100		
127	47.6	54.1	81.1#
141	0.0	12.5	18.7#

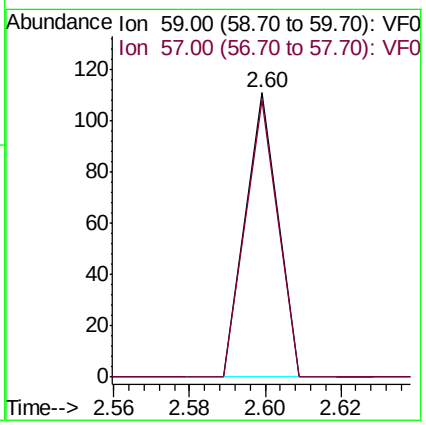


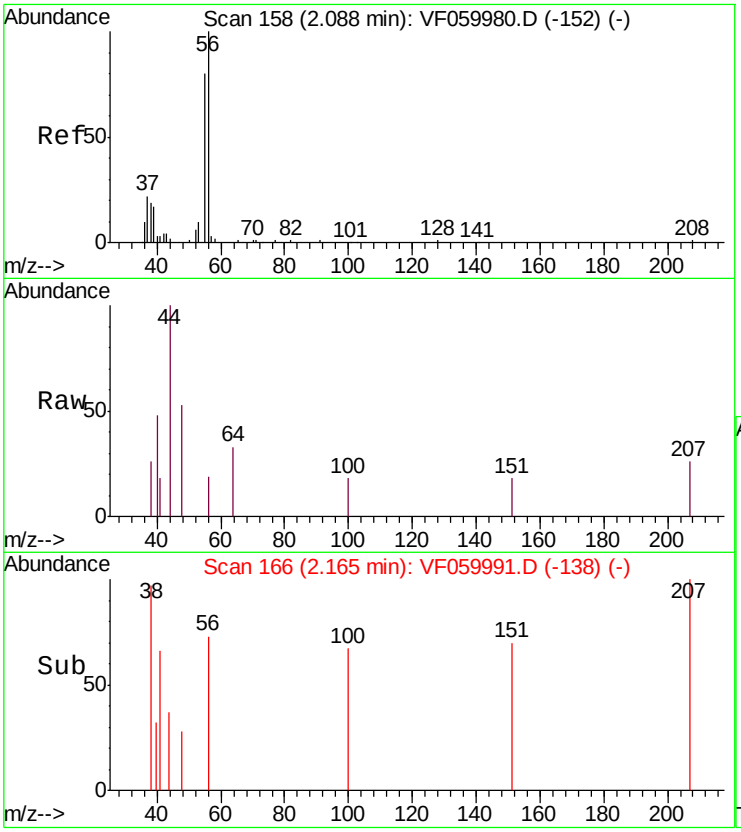


#11
Tert butyl alcohol
Concen: 3.178 ug/l
RT: 2.60 min Scan# 210
Delta R.T. -0.09 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Tgt Ion: 59 Resp: 66

Ion	Ratio	Lower	Upper
59	100		
57	97.3	6.8	10.2#



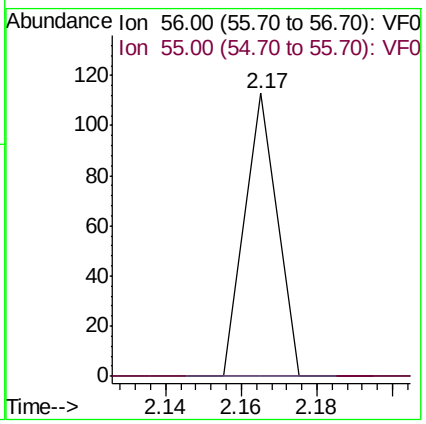


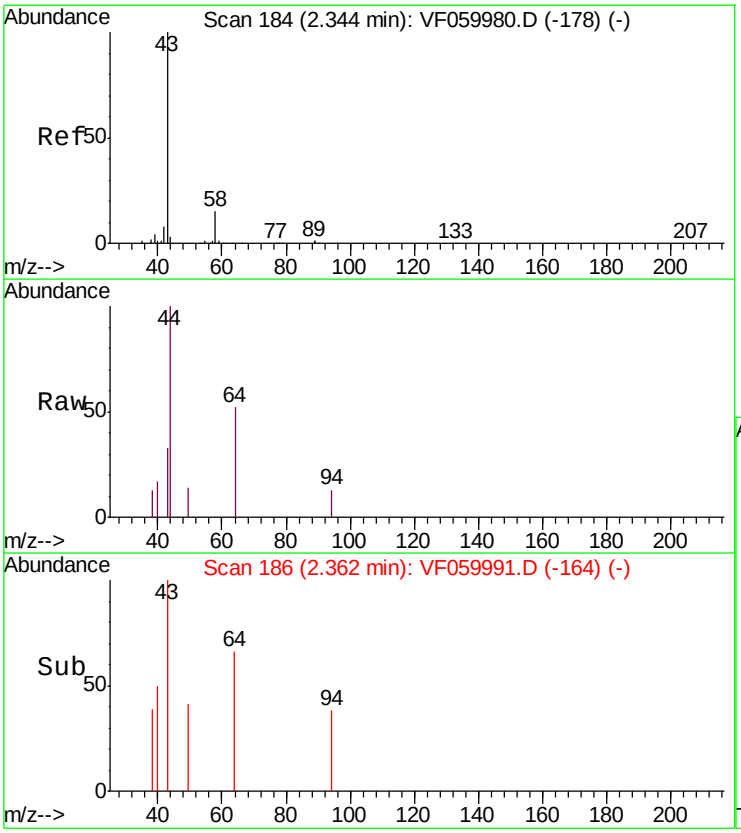
#13
Acrolein
Concen: 18.637 ug/l
RT: 2.17 min Scan# 166
Delta R.T. 0.08 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Instrument :
MSVOA_F
ClientSampleId :
RA-081318-SSW-15-021RE

Tgt Ion: 56 Resp: 67

Ion	Ratio	Lower	Upper
56	100		
55	0.0	63.8	95.6#

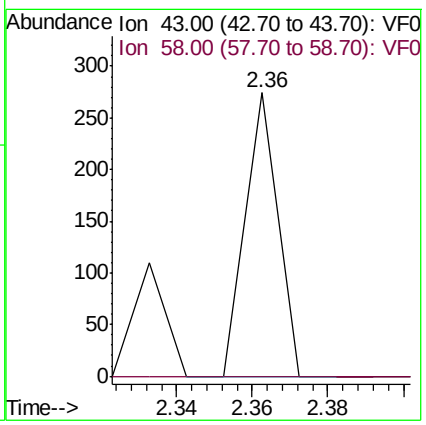


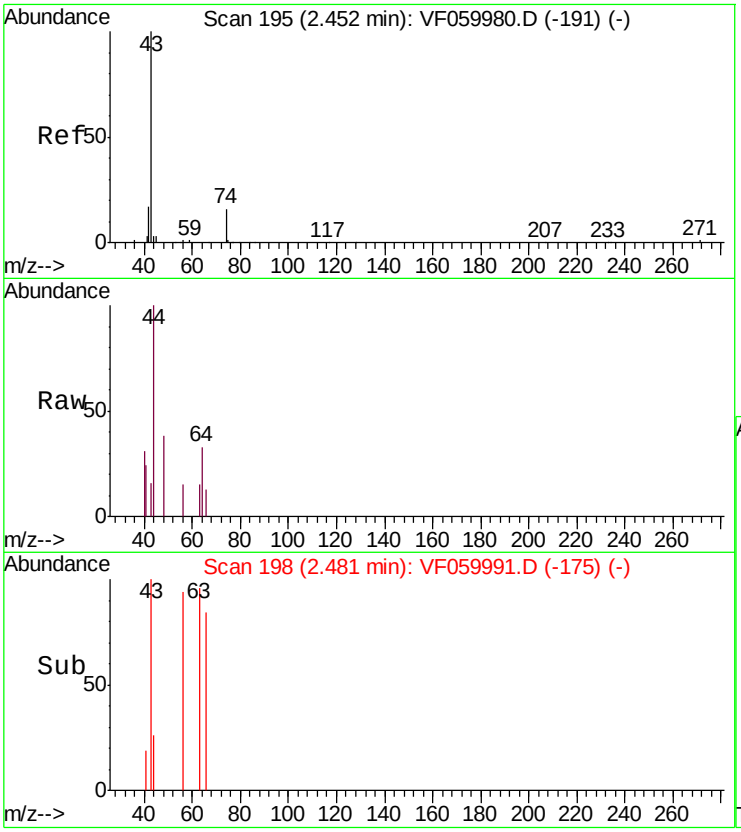


#16
Acetone
Concen: Below Cal
RT: 2.36 min Scan# 186
Delta R.T. 0.02 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Tgt Ion: 43 Resp: 162

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.9	17.9#



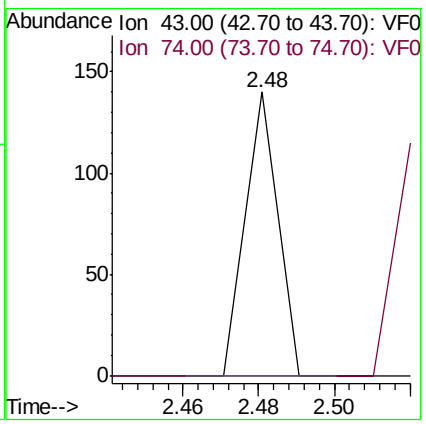


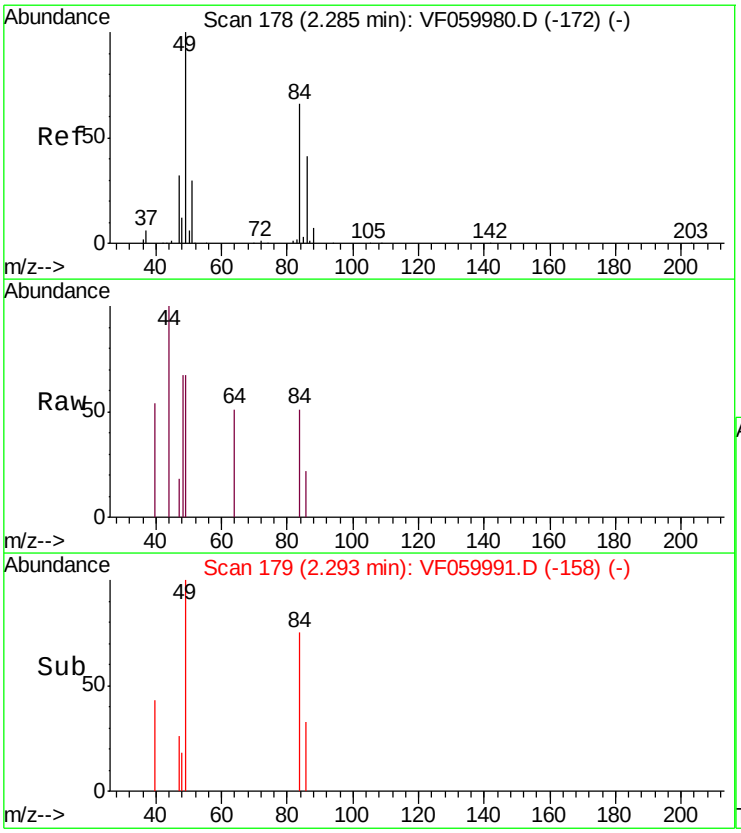
#18
Methyl Acetate
Concen: Below Cal
RT: 2.48 min Scan# 198
Delta R.T. 0.03 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Instrument :
MSVOA_F
ClientSampleId :
RA-081318-SSW-15-021RE

Tgt Ion: 43 Resp: 83

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.3	18.5#

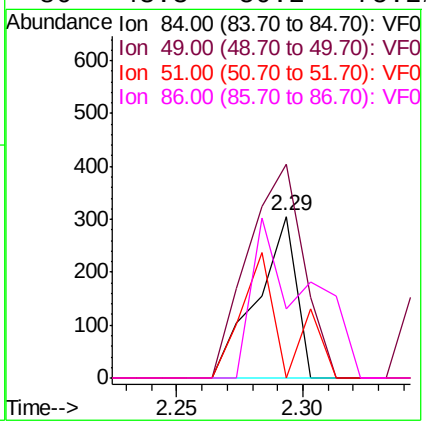


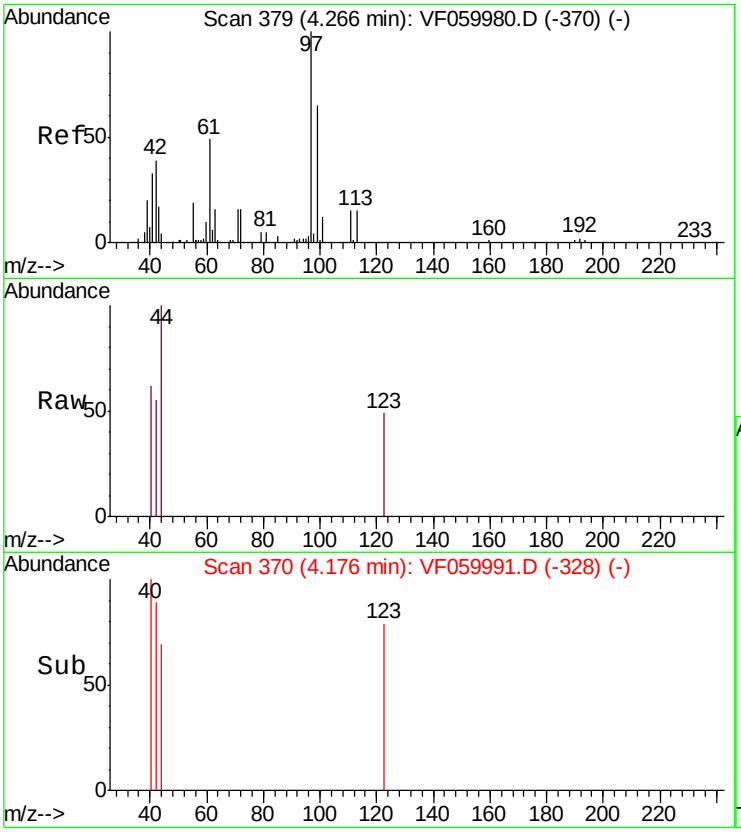


#20
Methylene Chloride
Concen: Below Cal
RT: 2.29 min Scan# 179
Delta R.T. 0.01 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Tgt Ion: 84 Resp: 333

Ion	Ratio	Lower	Upper
84	100		
49	132.5	122.5	183.7
51	0.0	37.1	55.7#
86	43.3	50.2	75.2#



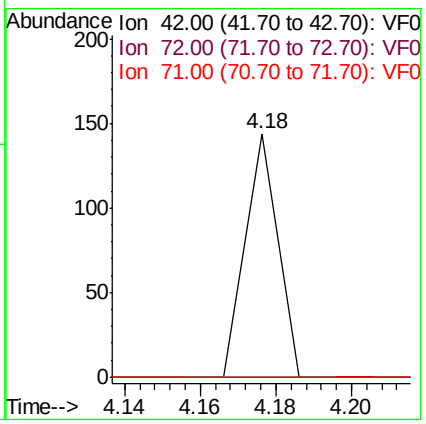


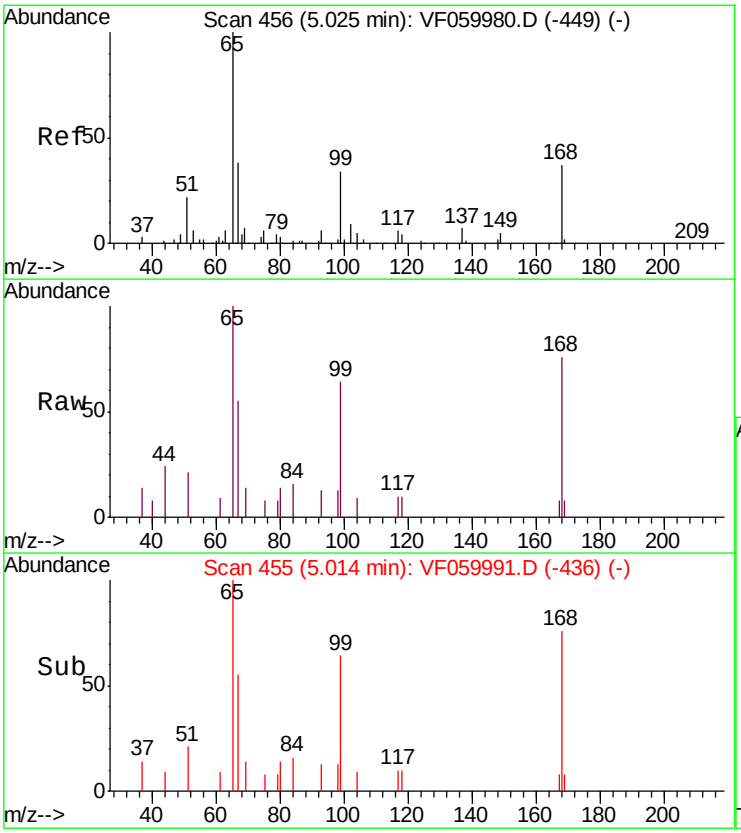
#29
Tetrahydrofuran
Concen: 2.765 ug/l
RT: 4.18 min Scan# 370
Delta R.T. -0.09 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Instrument :
MSVOA_F
ClientSampleId :
RA-081318-SSW-15-021RE

Tgt Ion: 42 Resp: 85

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.8	44.6#
71	0.0	29.0	43.4#

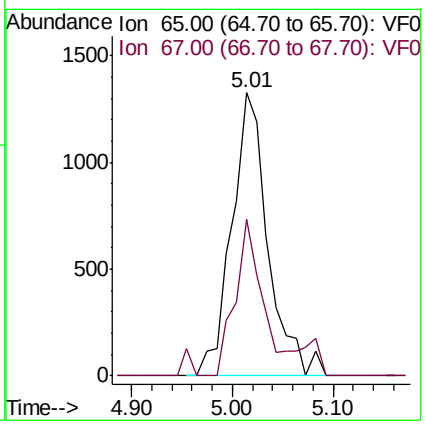


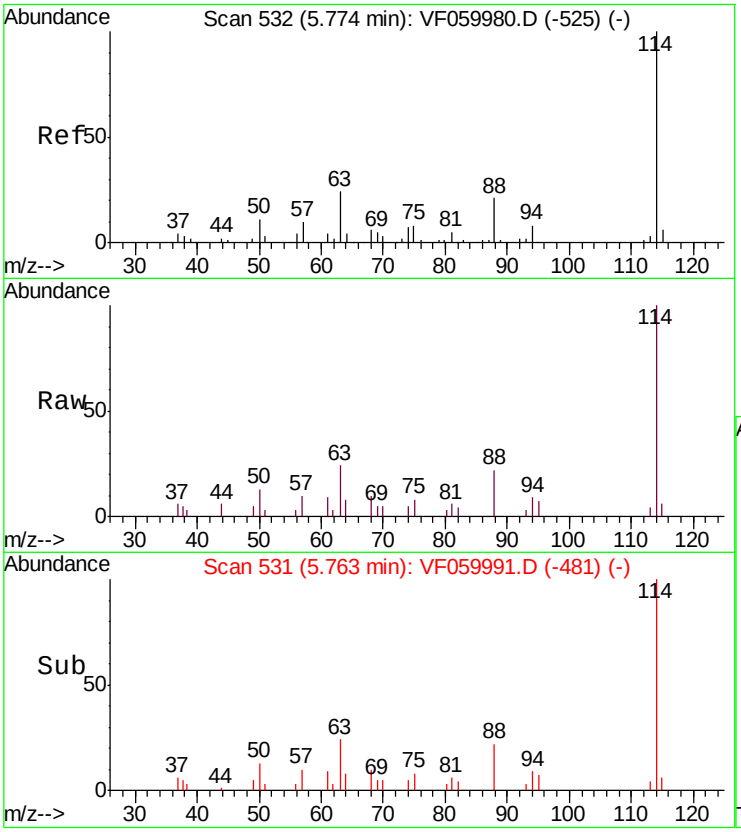


#33
1,2-Dichloroethane-d4
Concen: 9.304 ug/l
RT: 5.01 min Scan# 455
Delta R.T. -0.01 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Tgt Ion: 65 Resp: 3315

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	82.6



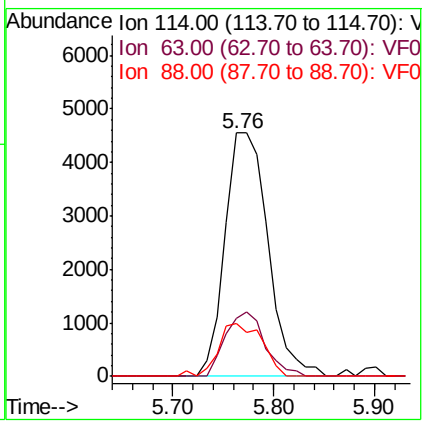


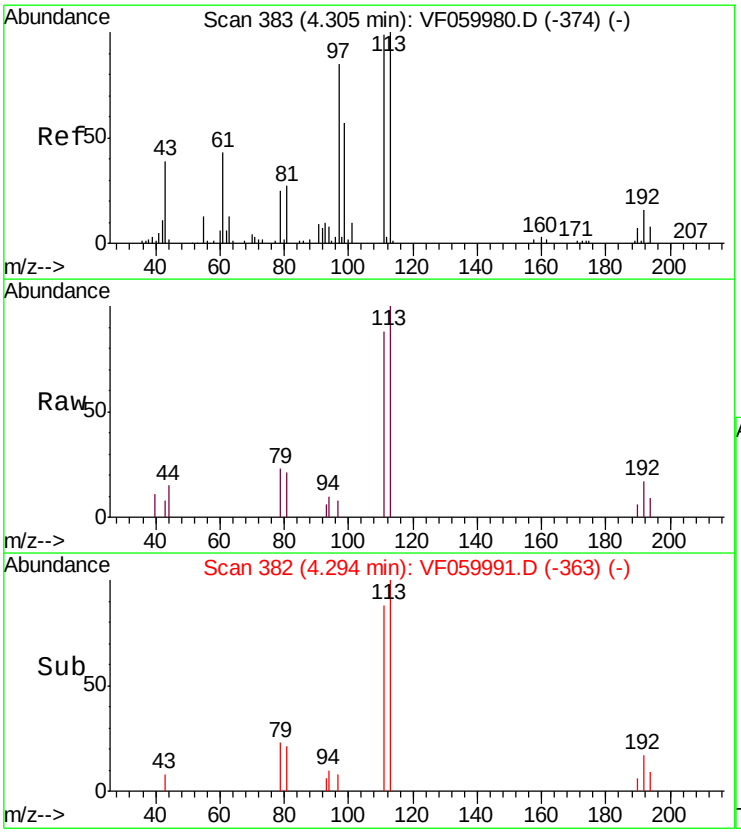
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 531
Delta R.T. -0.01 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Instrument :
MSVOA_F
ClientSampleId :
RA-081318-SSW-15-021RE

Tgt Ion:114 Resp: 13531

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	48.6
88	21.5	0.0	42.8

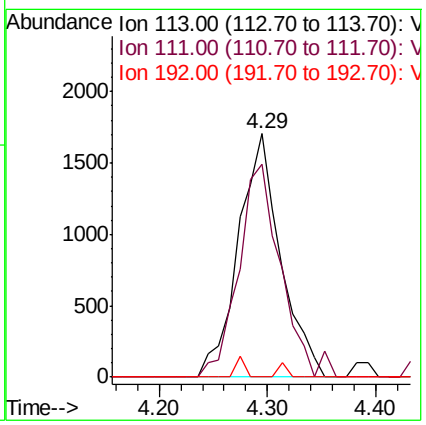


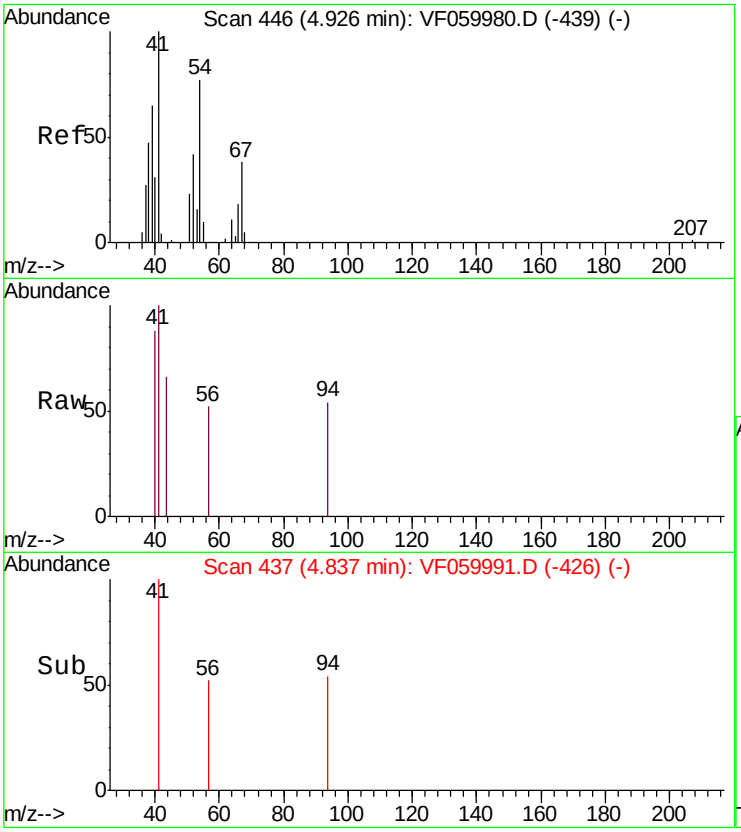


#35
Dibromofluoromethane
Concen: 33.604 ug/l
RT: 4.29 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Tgt Ion:113 Resp: 4647

Ion	Ratio	Lower	Upper
113	100		
111	87.6	79.5	119.3
192	0.0	12.4	18.6#



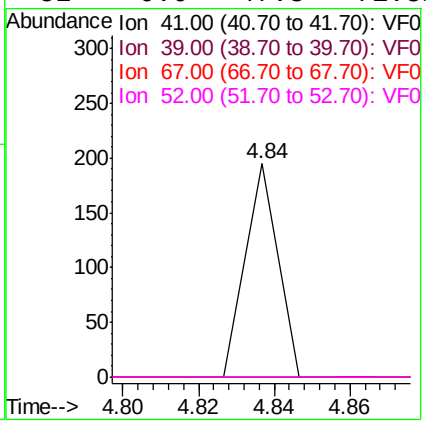


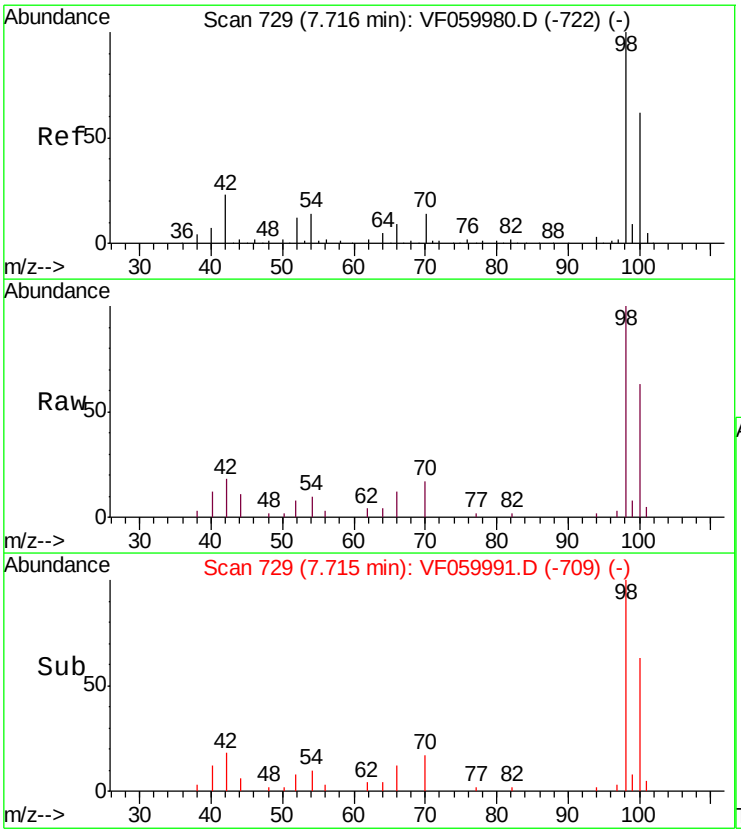
#41
Methacrylonitrile
Concen: 2.820 ug/l
RT: 4.84 min Scan# 437
Delta R.T. -0.09 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Instrument : MSVOA_F
ClientSampleId : RA-081318-SSW-15-021RE

Tgt Ion: 41 Resp: 115

Ion	Ratio	Lower	Upper
41	100		
39	0.0	62.9	94.3#
67	0.0	30.4	45.6#
52	0.0	47.8	71.8#

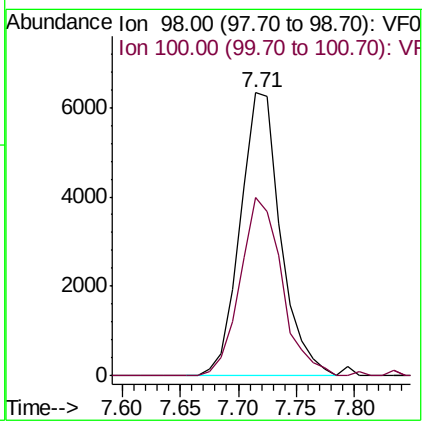


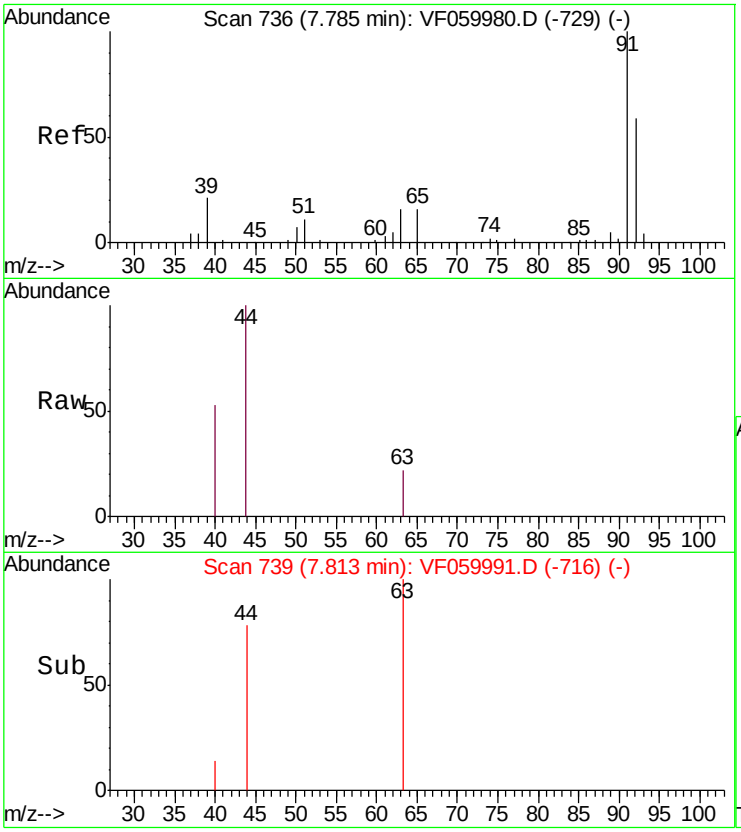


#50
Toluene-d8
Concen: 49.410 ug/l
RT: 7.71 min Scan# 729
Delta R.T. -0.00 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Tgt Ion: 98 Resp: 15195

Ion	Ratio	Lower	Upper
98	100		
100	62.9	49.8	74.8



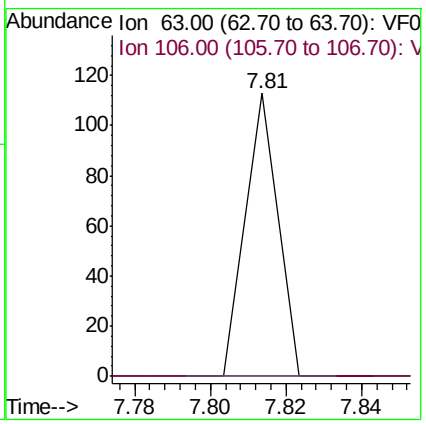


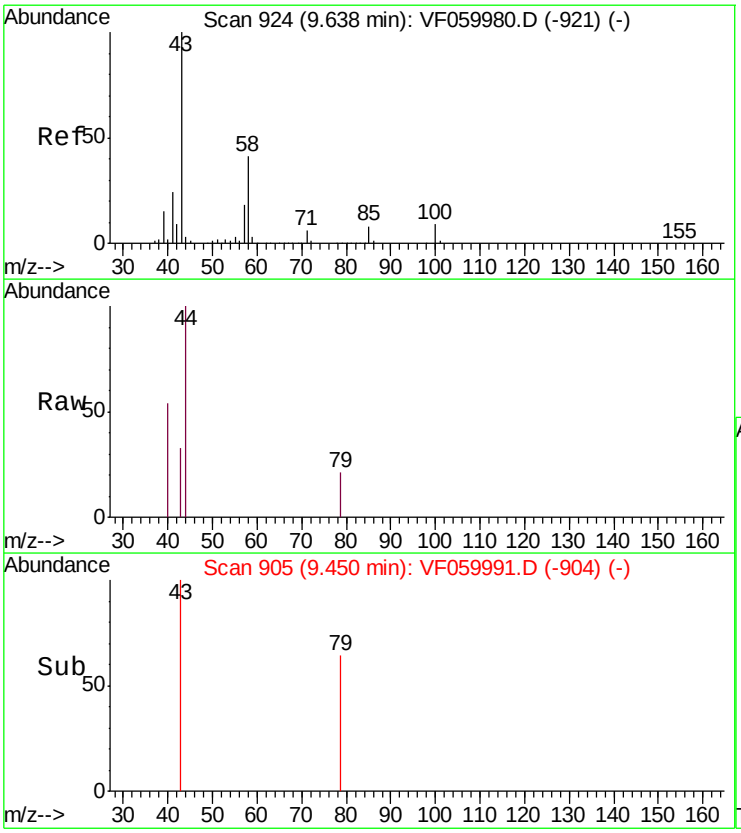
#58
2-Chloroethyl Vinyl ether
Concen: 8.803 ug/l
RT: 7.81 min Scan# 739
Delta R.T. 0.03 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Instrument :
MSVOA_F
ClientSampleId :
RA-081318-SSW-15-021RE

Tgt Ion: 63 Resp: 67

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

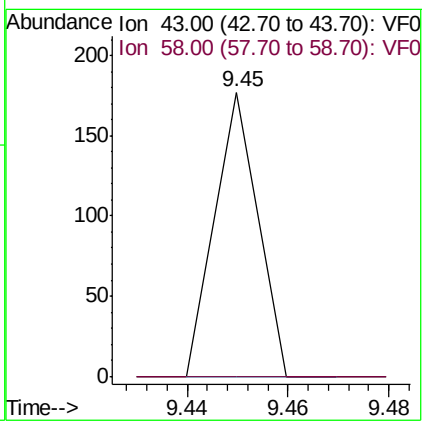


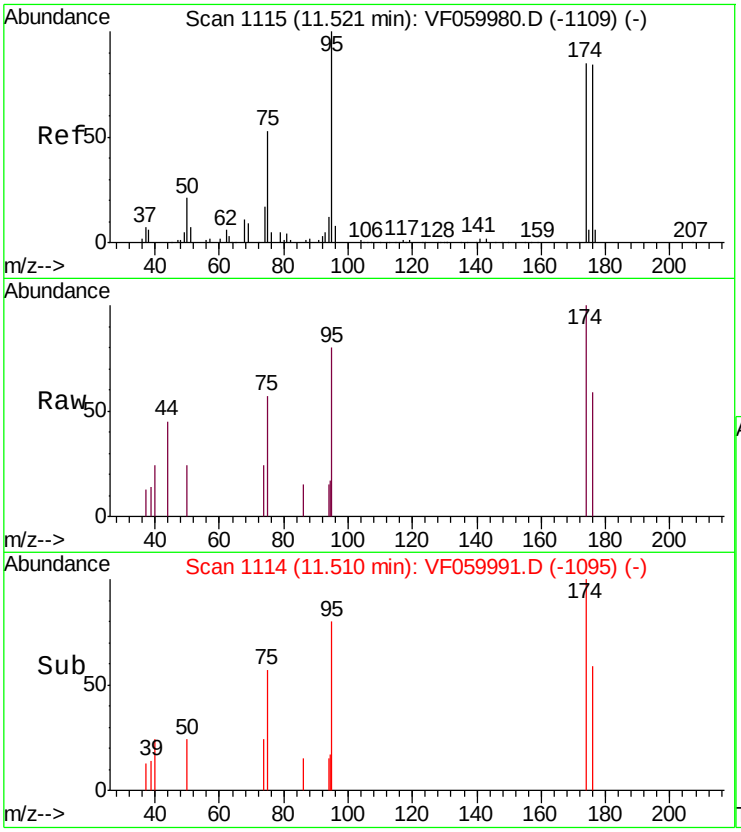


#59
2-Hexanone
Concen: 1.452 ug/l
RT: 9.45 min Scan# 905
Delta R.T. -0.19 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Tgt Ion: 43 Resp: 105

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.1	60.3#



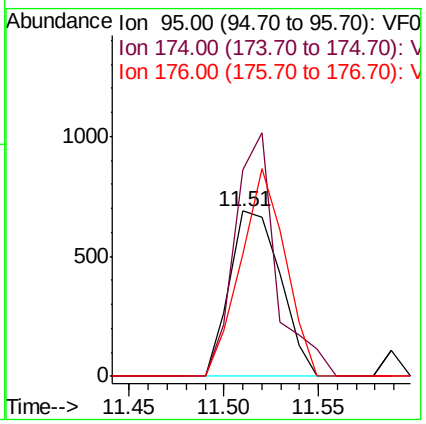


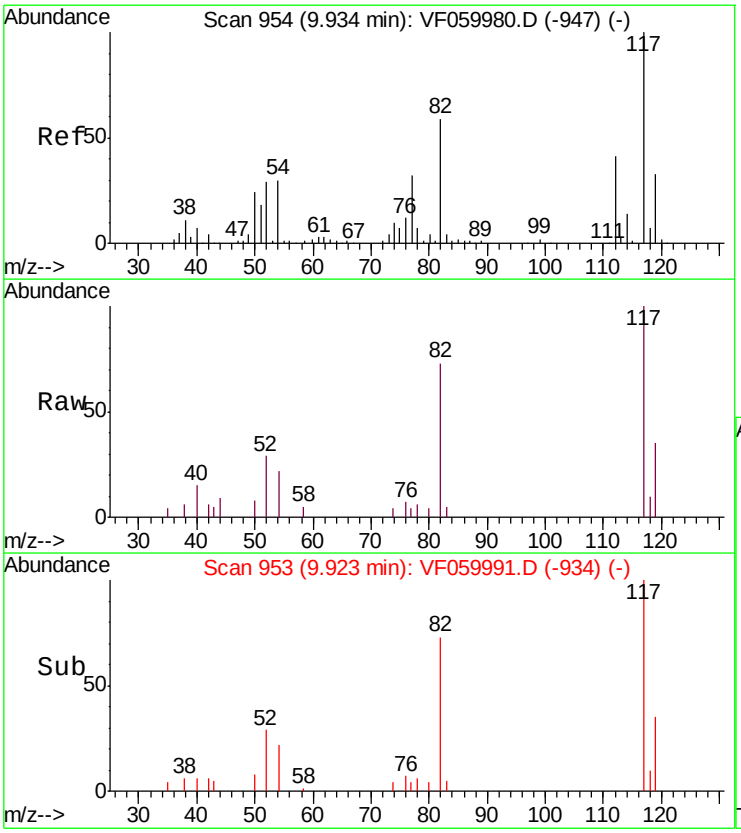
#62
4-Bromofluorobenzene
Concen: 6.825 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Instrument :
MSVOA_F
ClientSampleId :
RA-081318-SSW-15-021RE

Tgt Ion: 95 Resp: 1288

Ion	Ratio	Lower	Upper
95	100		
174	125.1	0.0	169.8
176	74.0	0.0	167.8

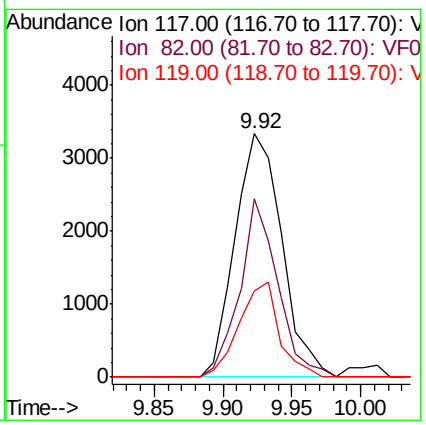


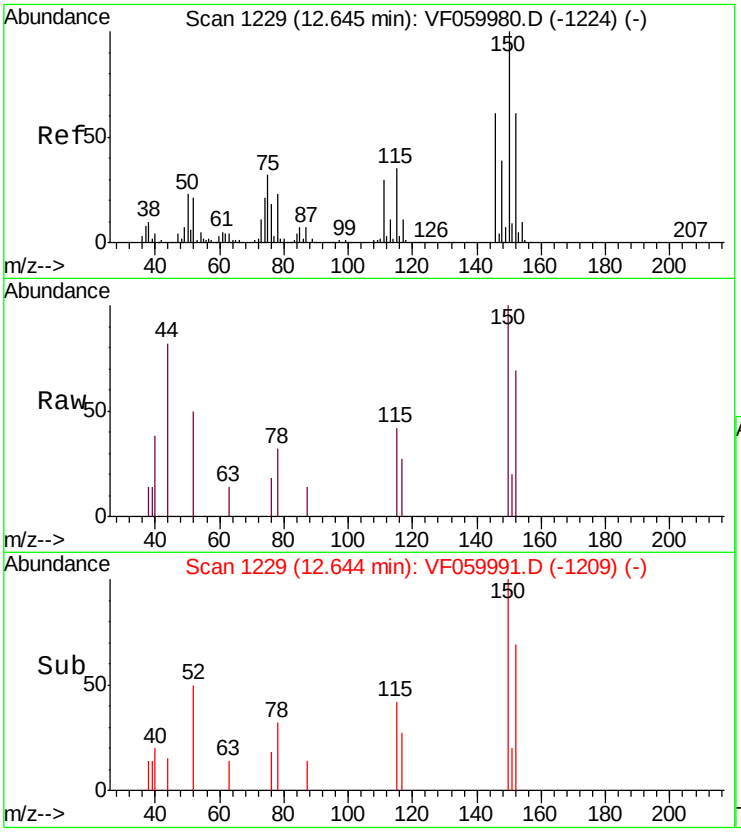


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Tgt Ion:117 Resp: 7913

Ion	Ratio	Lower	Upper
117	100		
82	73.2	47.2	70.8#
119	35.5	26.1	39.1



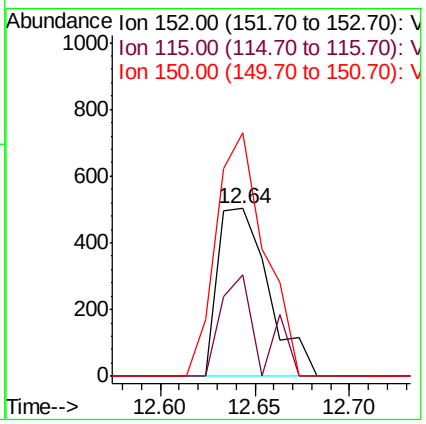


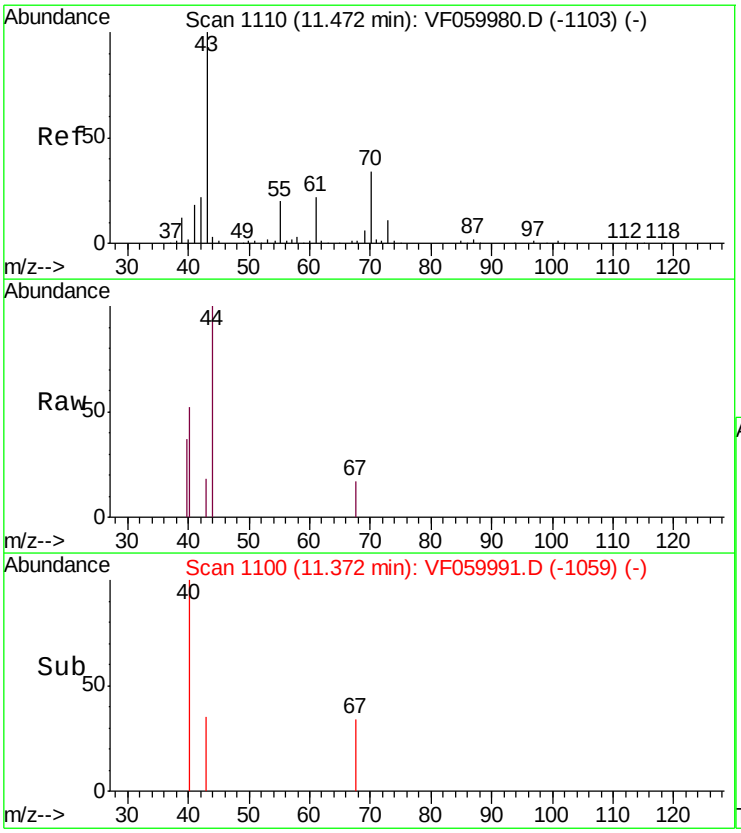
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Instrument :
MSVOA_F
ClientSampleId :
RA-081318-SSW-15-021RE

Tgt Ion:152 Resp: 931

Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.1	87.3
150	145.2	0.0	330.2

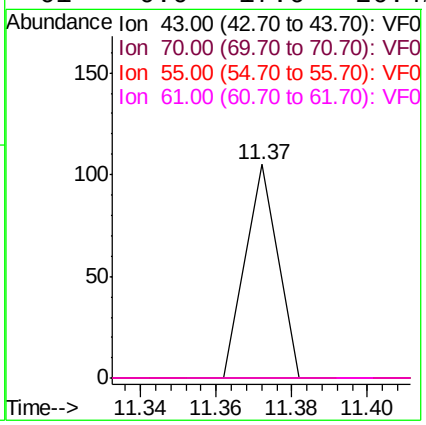


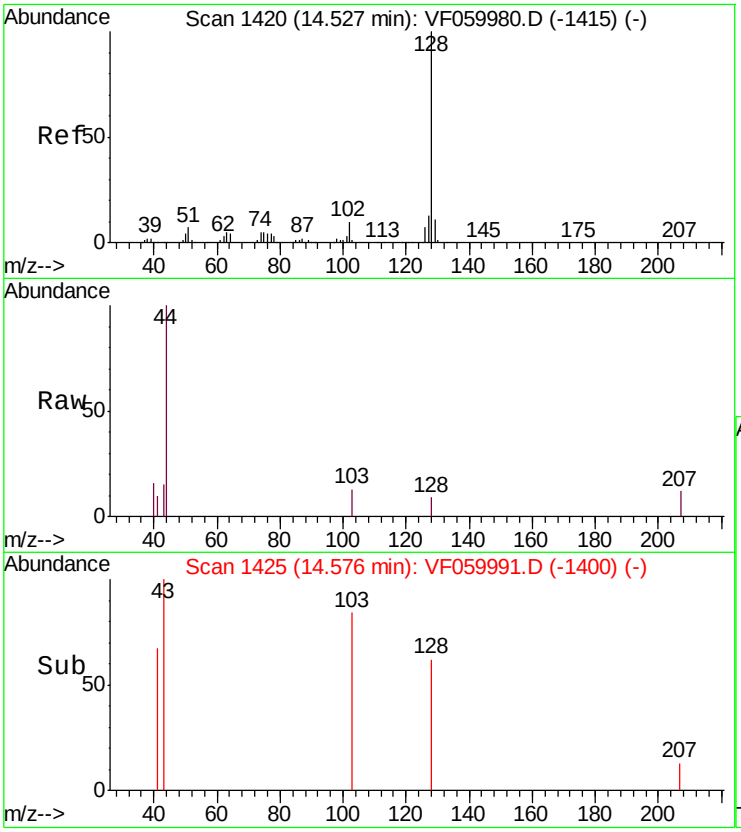


#74
N-amyl acetate
Concen: 3.915 ug/l
RT: 11.37 min Scan# 1100
Delta R.T. -0.10 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Tgt Ion: 43 Resp: 62

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.2	40.8#
55	0.0	16.4	24.6#
61	0.0	17.6	26.4#





#95
Naphthalene
Concen: 1.959 ug/l
RT: 14.58 min Scan# 1425
Delta R.T. 0.05 min
Lab File: VF059991.D
Acq: 18 Aug 2018 00:29

Instrument :
MSVOA_F
ClientSampleId :
RA-081318-SSW-15-021RE

Tgt Ion:128 Resp: 64

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	9.0	13.4#