Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF062218\
Data File : VF059283.D
Acq On : 22 Jun 2018 19:37
Operator : VA/AP
Sample : J3602-02RE
Misc : 4.62g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EPE-F-8(5-10)

Quant Time: Jun 23 04:37:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 22 05:22:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	198353	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	299127	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	301984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	201083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	153567	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.88%			
35) Dibromofluoromethane	4.28	113	140081	55.66	ug/l	-0.02
Spiked Amount 50.000			Recovery = 111.32%			
50) Toluene-d8	7.70	98	327743	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.40%			
62) 4-Bromofluorobenzene	11.51	95	189617	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.84%			
Target Compounds						Qvalue
5) Bromomethane	1.32	94	900	2.549	ug/l #	1
11) Tert butyl alcohol	2.66	59	1072	6.461	ug/l #	56
13) Acrolein	2.01	56	474	Below Cal		94
14) Allyl chloride	2.09	41	47563	18.329	ug/l #	77
15) Acrylonitrile	3.06	53	549	Below Cal	#	19
16) Acetone	2.33	43	56968	84.657	ug/l	93
18) Methyl Acetate	2.47	43	4826	3.804	ug/l #	66
20) Methylene Chloride	2.32	84	1787	Below Cal	#	81
25) 2-Butanone	4.53	43	3125	3.481	ug/l #	58
28) Bromochloromethane	3.78	49	60	Below Cal	#	8
29) Tetrahydrofuran	4.26	42	1565	3.883	ug/l #	66
39) Methylcyclohexane	5.75	83	4774	1.697	ug/l #	43
49) 1,4-Dioxane	6.84	88	72	7.968	ug/l #	1
51) 4-Methyl-2-Pentanone	8.40	43	6003	3.420	ug/l	92
58) 2-Chloroethyl Vinyl ether	7.76	63	256	1.409	ug/l	100
59) 2-Hexanone	9.62	43	15034	10.803	ug/l	87
74) N-amyl acetate	11.46	43	6983	1.544	ug/l #	90
95) Naphthalene	14.51	128	12244	1.227	ug/l #	95

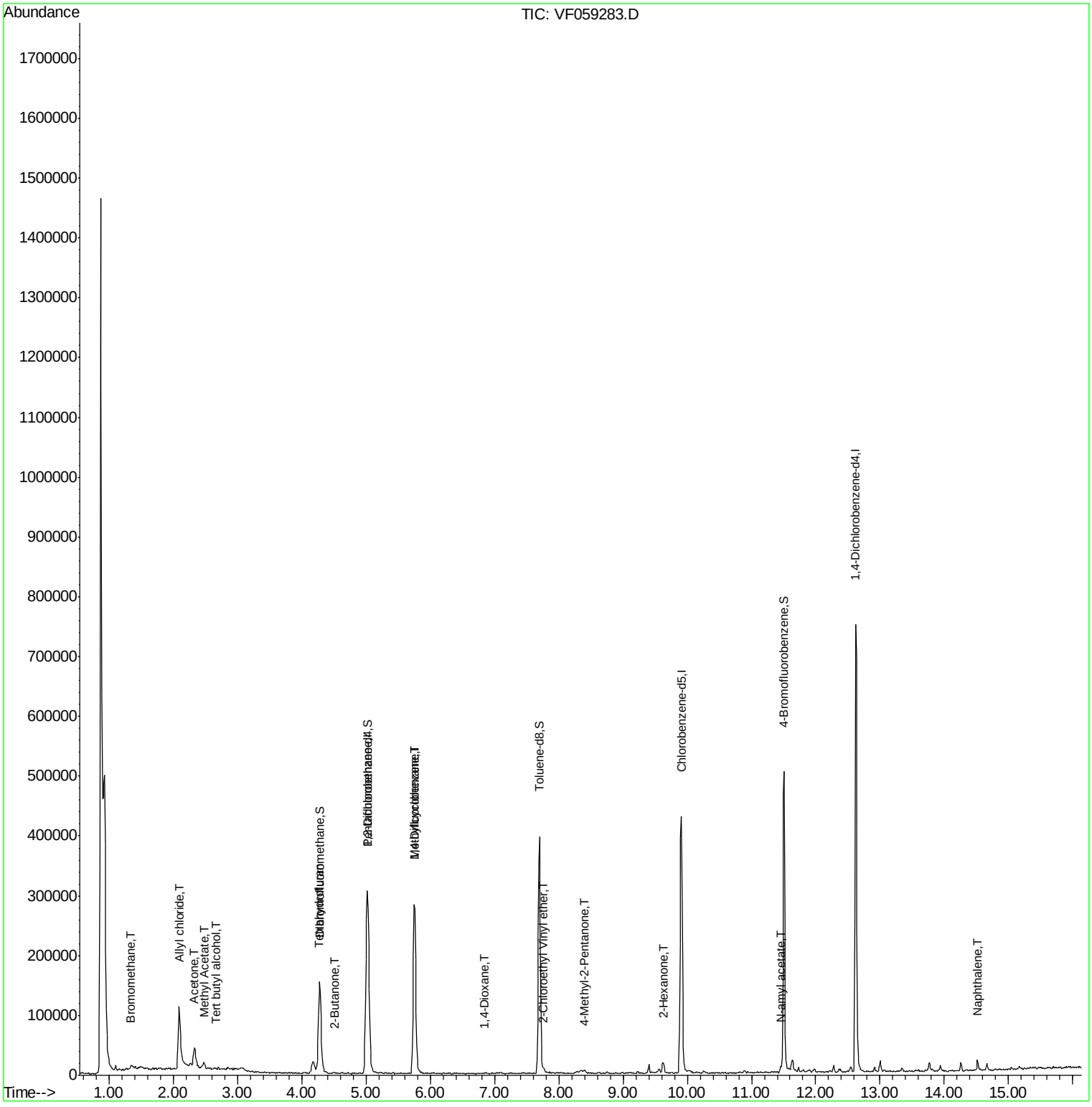
(#) = qualifier out of range (m) = manual integration (+) = signals summed

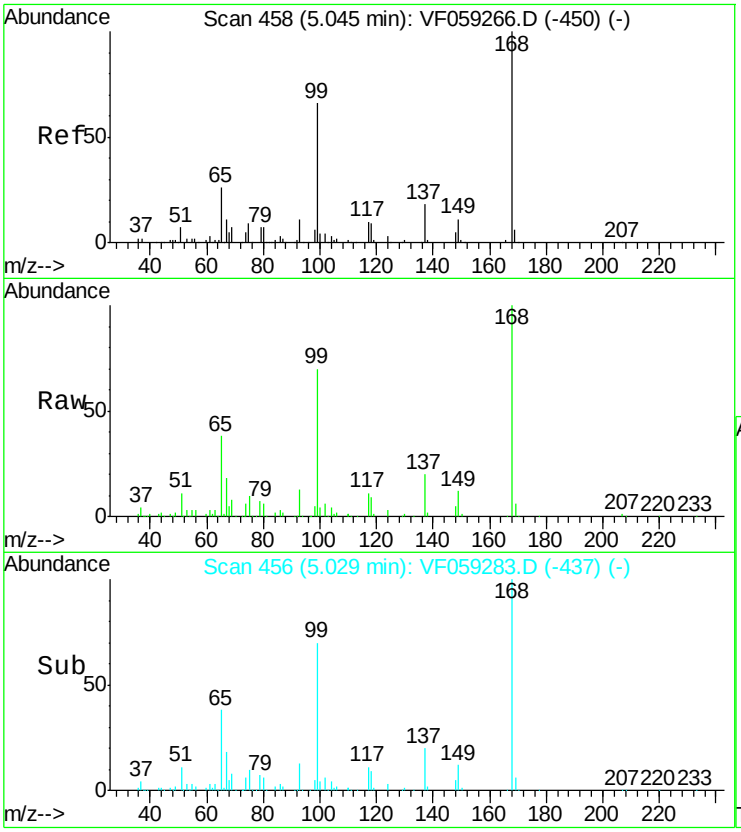
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF062218\
Data File : VF059283.D
Acq On : 22 Jun 2018 19:37
Operator : VA/AP
Sample : J3602-02RE
Misc : 4.62g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(5-10)

Quant Time: Jun 23 04:37:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 22 05:22:31 2018
Response via : Initial Calibration



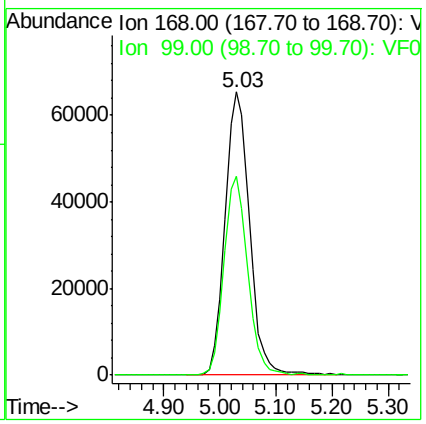


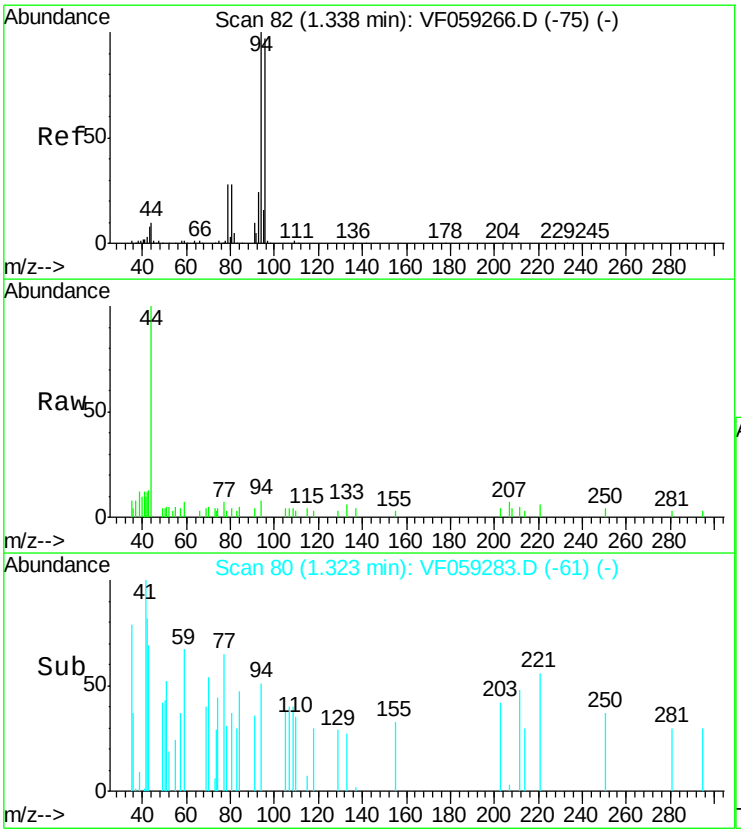
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.02 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(5-10)

Tgt Ion:168 Resp: 198353

Ion	Ratio	Lower	Upper
168	100		
99	70.4	52.6	78.8

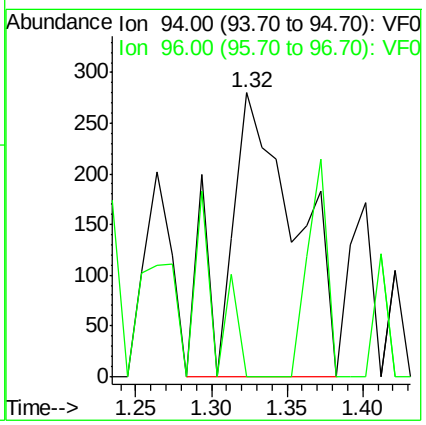


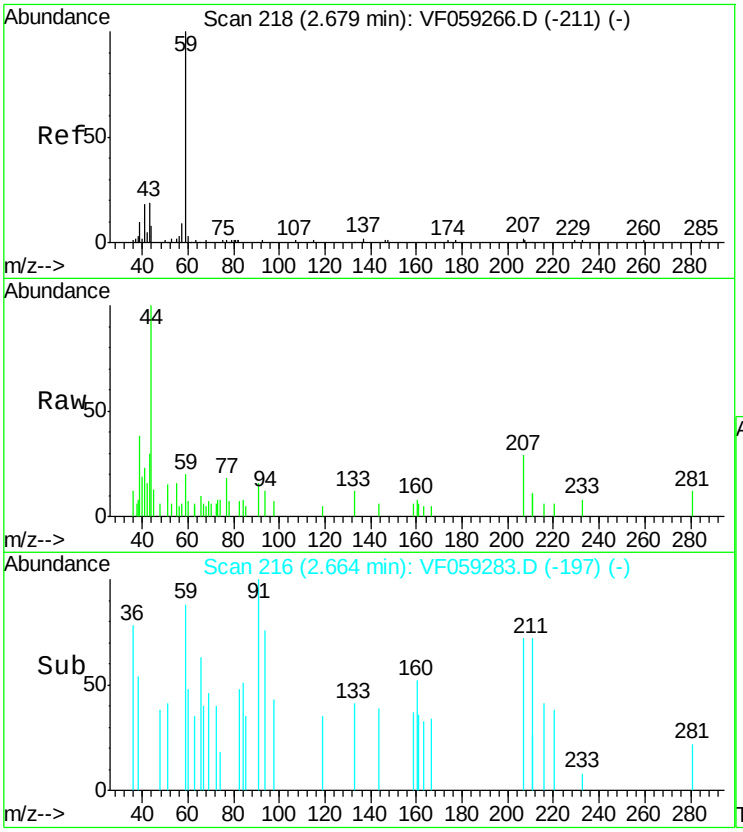


#5
Bromomethane
Concen: 2.549 ug/l
RT: 1.32 min Scan# 80
Delta R.T. -0.01 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Tgt Ion: 94 Resp: 900

Ion	Ratio	Lower	Upper
94	100		
96	0.0	77.7	116.5#



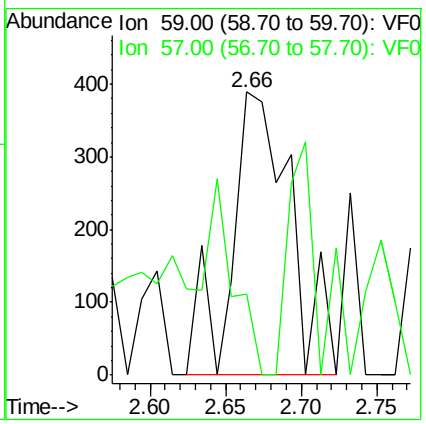


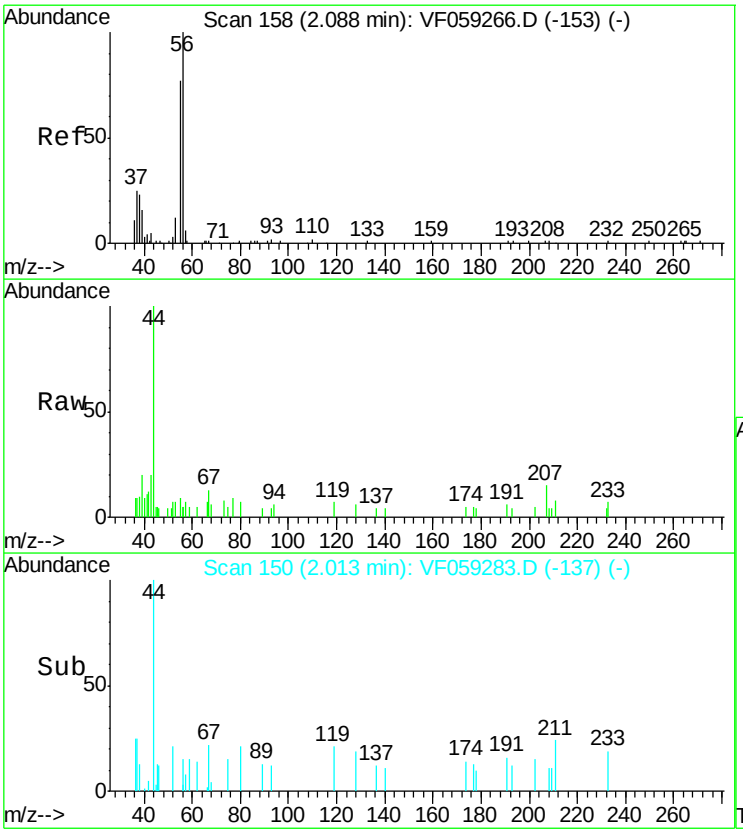
#11
Tert butyl alcohol
Concen: 6.461 ug/l
RT: 2.66 min Scan# 216
Delta R.T. -0.02 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(5-10)

Tgt Ion: 59 Resp: 1072

Ion	Ratio	Lower	Upper
59	100		
57	28.5	9.2	13.8#

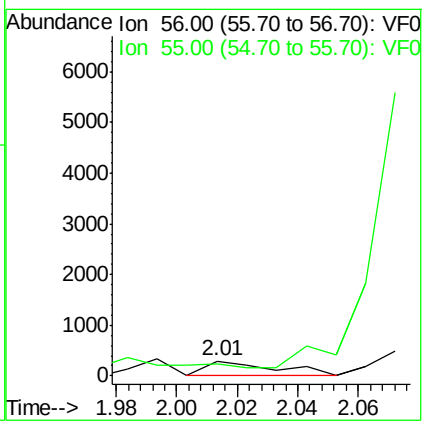


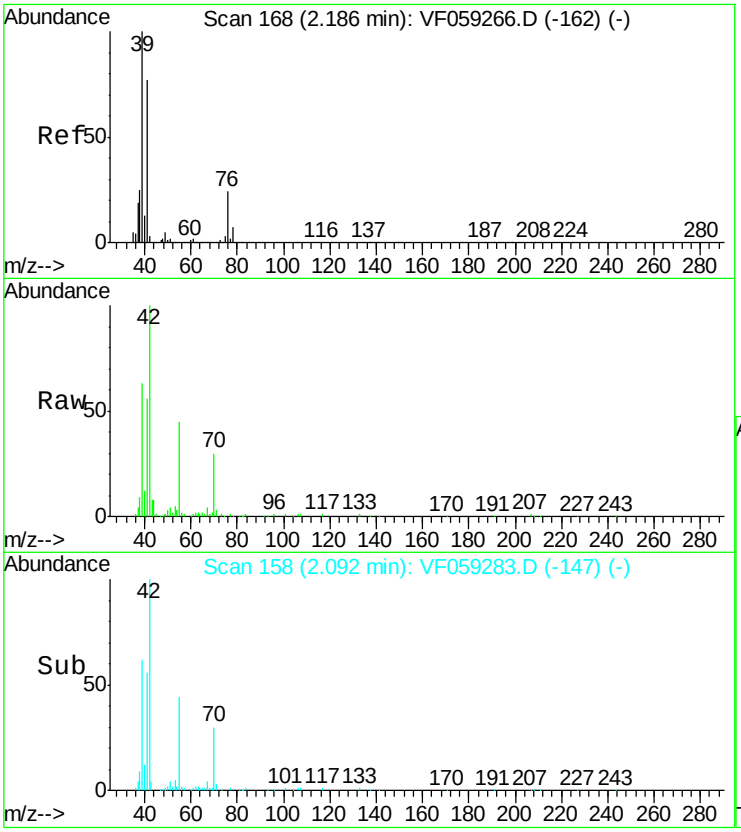


#13
Acrolein
Concen: Below Cal
RT: 2.01 min Scan# 150
Delta R.T. -0.07 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Tgt Ion: 56 Resp: 474

Ion	Ratio	Lower	Upper
56	100		
55	84.5	63.0	94.6



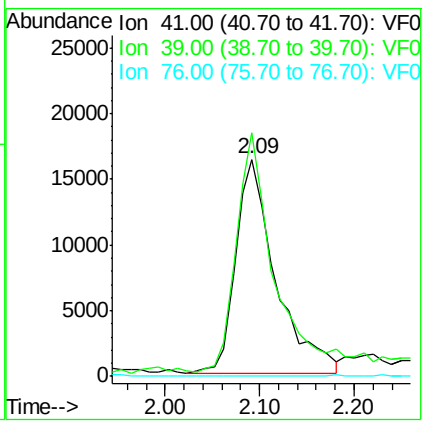


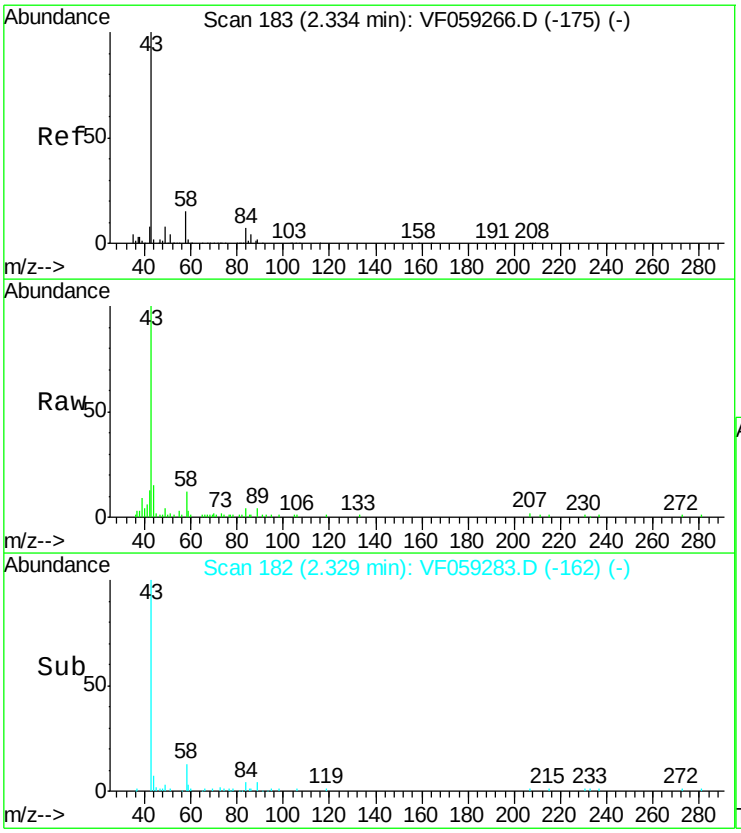
#14
Allyl chloride
Concen: 18.329 ug/l
RT: 2.09 min Scan# 158
Delta R.T. -0.09 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(5-10)

Tgt Ion: 41 Resp: 47563

Ion	Ratio	Lower	Upper
41	100		
39	112.1	103.8	155.6
76	0.0	25.0	37.6#

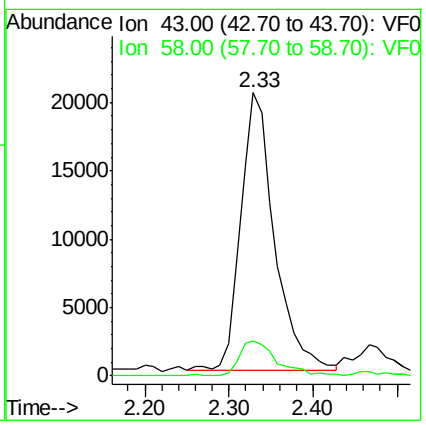


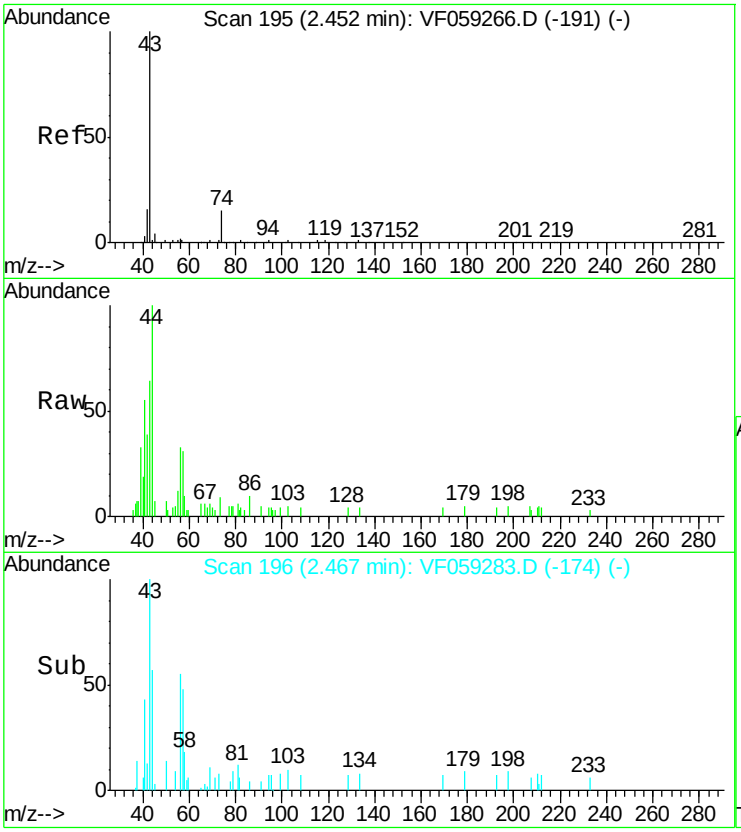


#16
Acetone
Concen: 84.657 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Tgt Ion: 43 Resp: 56968

Ion	Ratio	Lower	Upper
43	100		
58	12.2	12.1	18.1



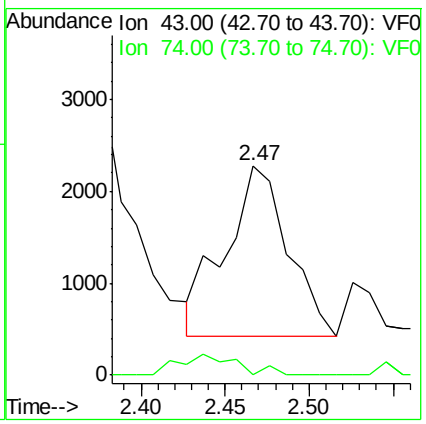


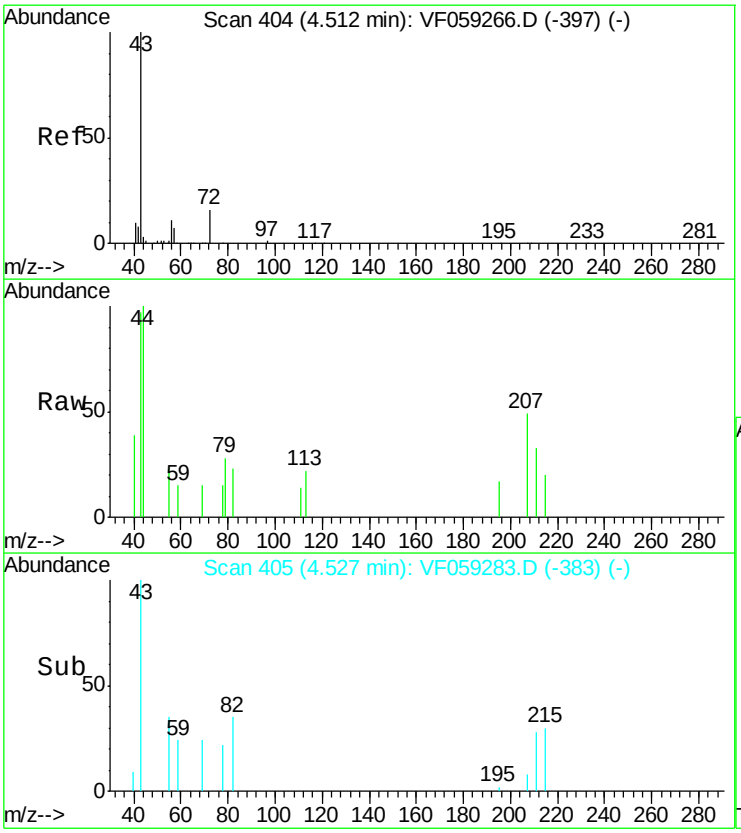
#18
Methyl Acetate
Concen: 3.804 ug/l
RT: 2.47 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(5-10)

Tgt Ion: 43 Resp: 4826

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.0	16.4#

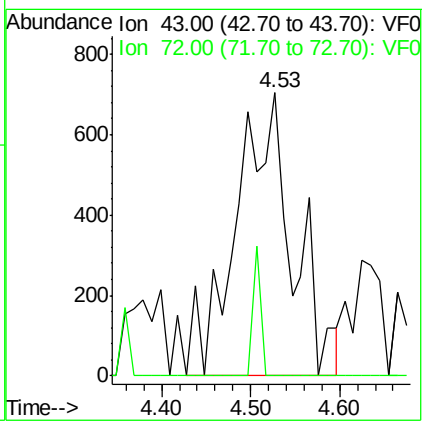


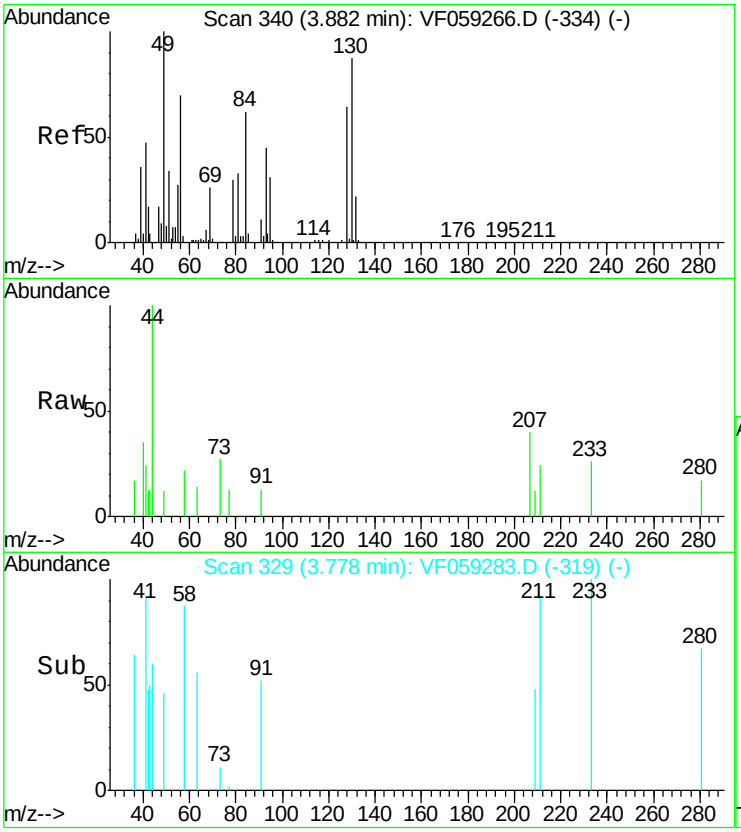


#25
2-Butanone
Concen: 3.481 ug/l
RT: 4.53 min Scan# 405
Delta R.T. 0.01 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Tgt Ion: 43 Resp: 3125

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.2	22.8#



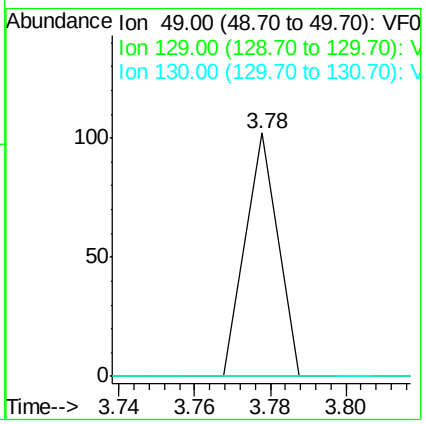


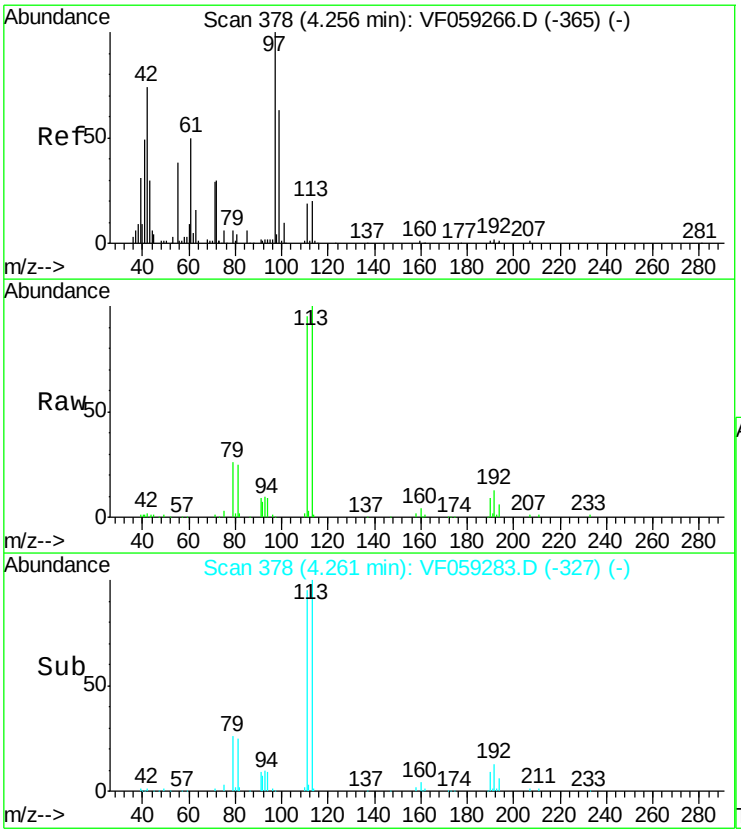
#28
Bromochloromethane
Concen: Below Cal
RT: 3.78 min Scan# 329
Delta R.T. -0.10 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Instrument : MSVOA_F
ClientSampleId : EPE-F-8(5-10)

Tgt Ion: 49 Resp: 60

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	69.4	104.2#

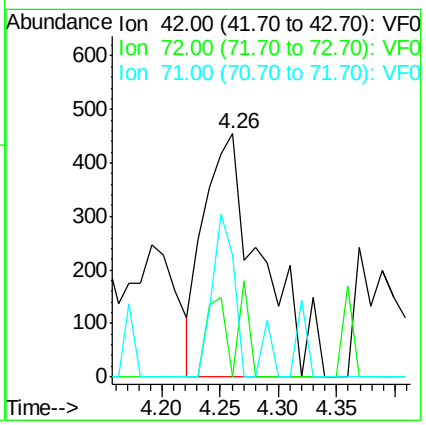


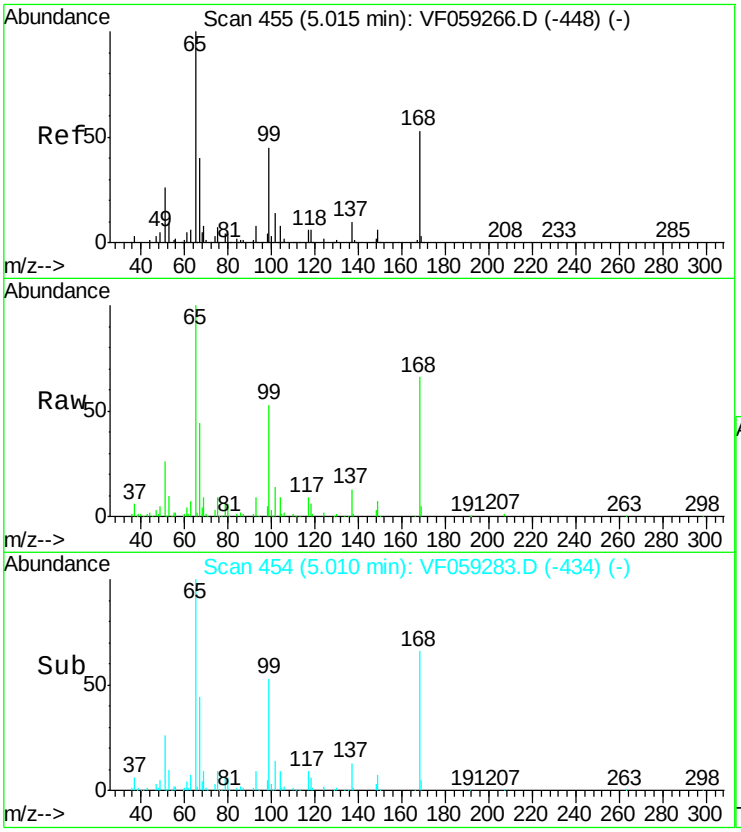


#29
Tetrahydrofuran
Concen: 3.883 ug/l
RT: 4.26 min Scan# 378
Delta R.T. 0.00 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Tgt Ion: 42 Resp: 1565

Ion	Ratio	Lower	Upper
42	100		
72	10.7	31.2	46.8#
71	24.9	30.2	45.2#



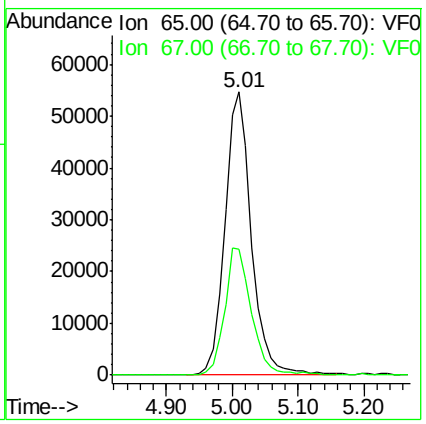


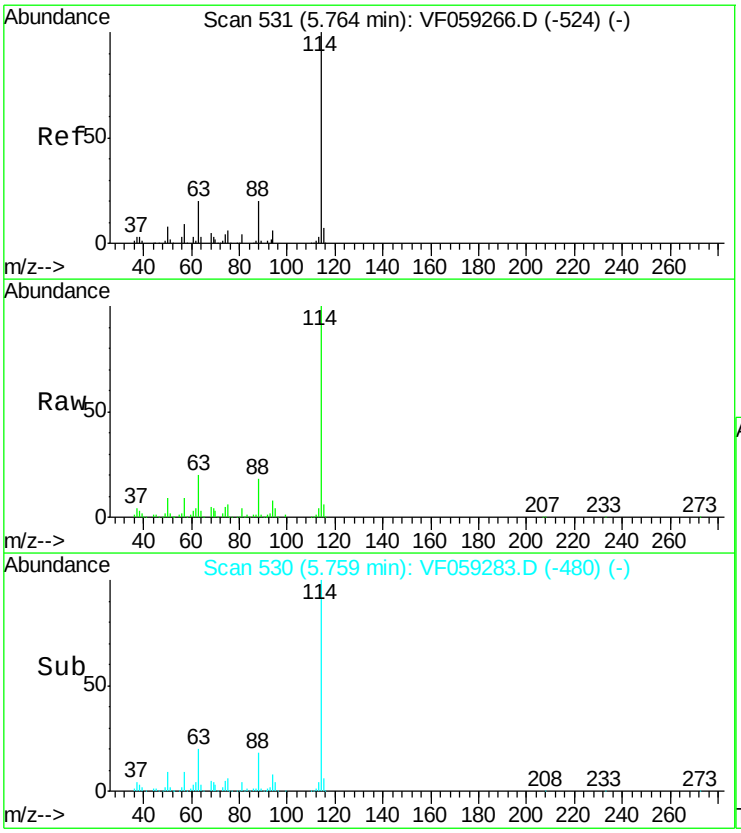
#33
1,2-Dichloroethane-d4
Concen: 53.936 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.01 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(5-10)

Tgt Ion: 65 Resp: 153567

Ion	Ratio	Lower	Upper
65	100		
67	44.4	0.0	95.8

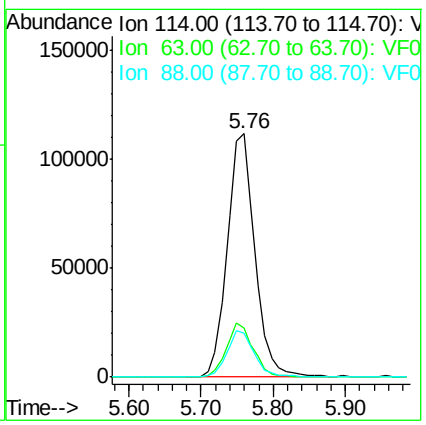


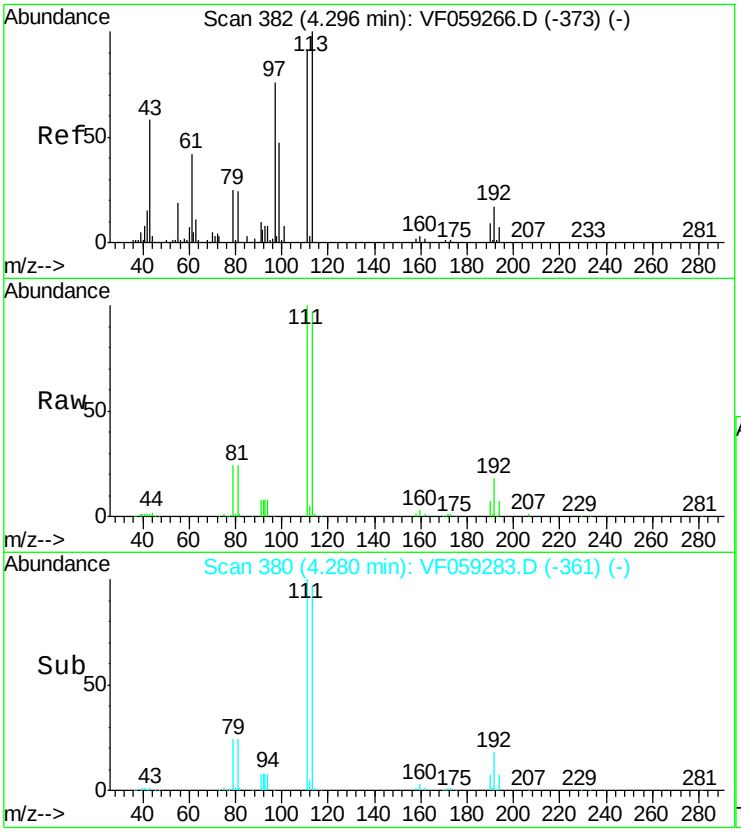


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 530
Delta R.T. -0.01 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Tgt Ion:114 Resp: 299127

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.0
88	18.3	0.0	39.6



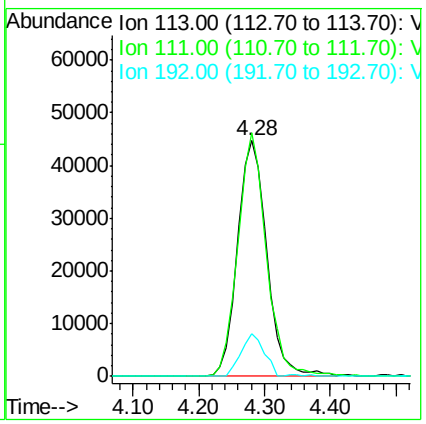


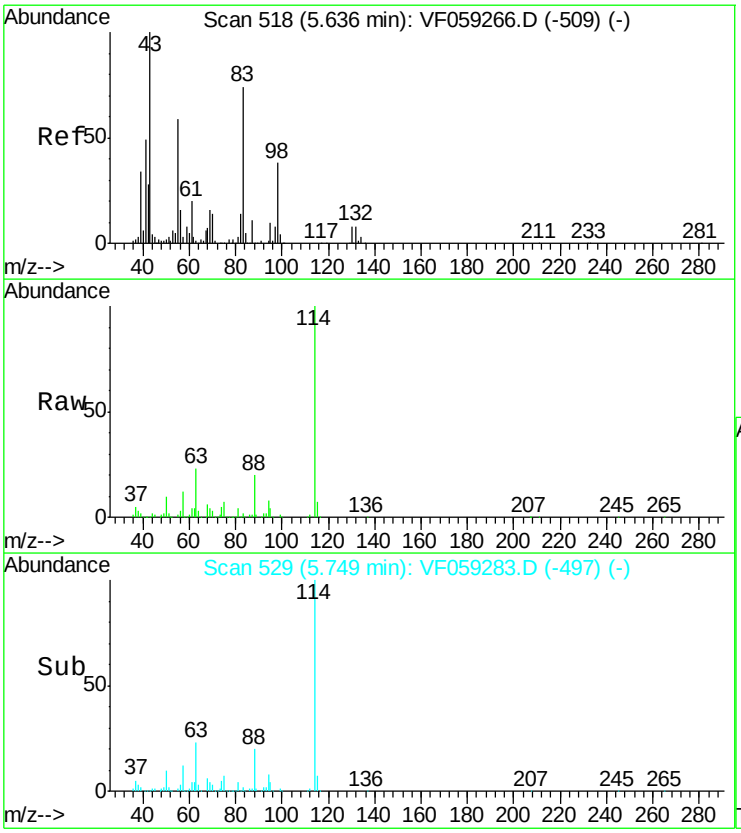
#35
Dibromofluoromethane
Concen: 55.661 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.02 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(5-10)

Tgt Ion:113 Resp: 140081

Ion	Ratio	Lower	Upper
113	100		
111	103.2	73.1	109.7
192	18.3	13.9	20.9

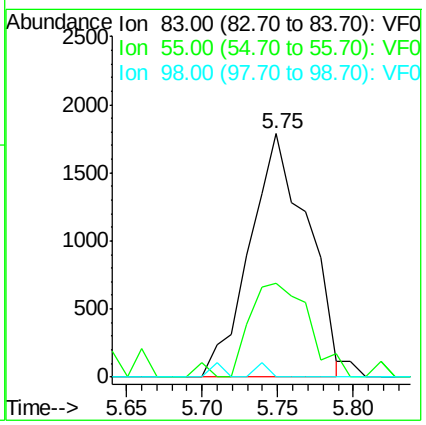


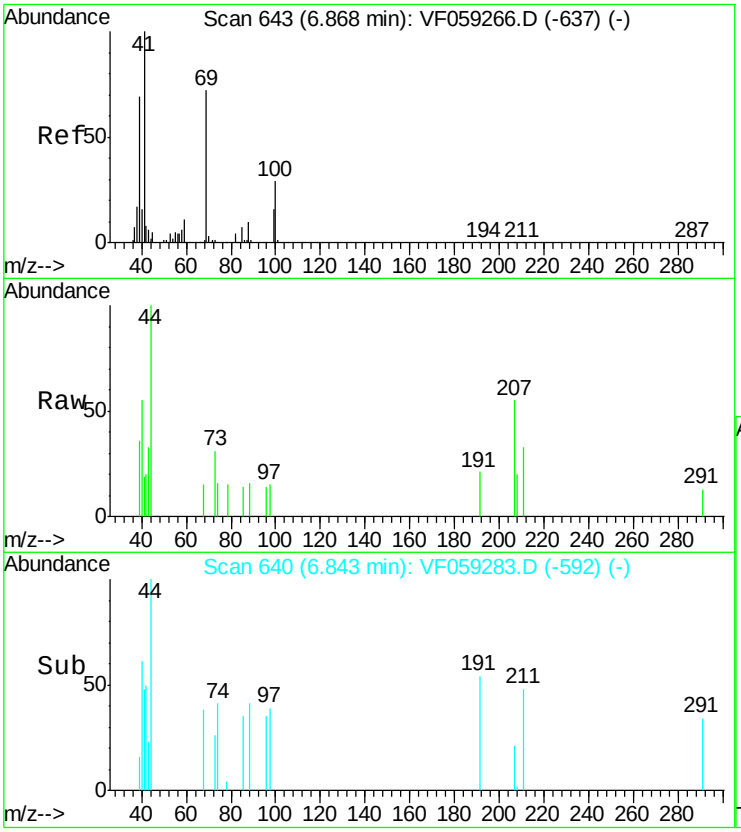


#39
Methylcyclohexane
Concen: 1.697 ug/l
RT: 5.75 min Scan# 529
Delta R.T. 0.11 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Tgt Ion: 83 Resp: 4774

Ion	Ratio	Lower	Upper
83	100		
55	38.7	63.7	95.5#
98	0.0	41.6	62.4#



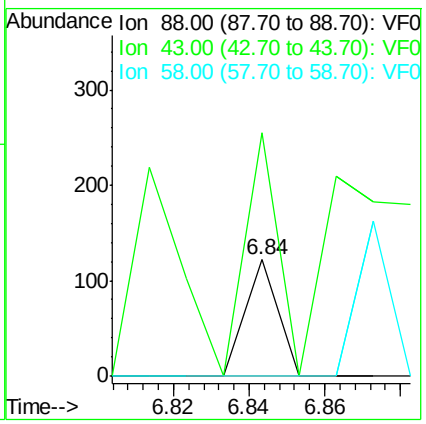


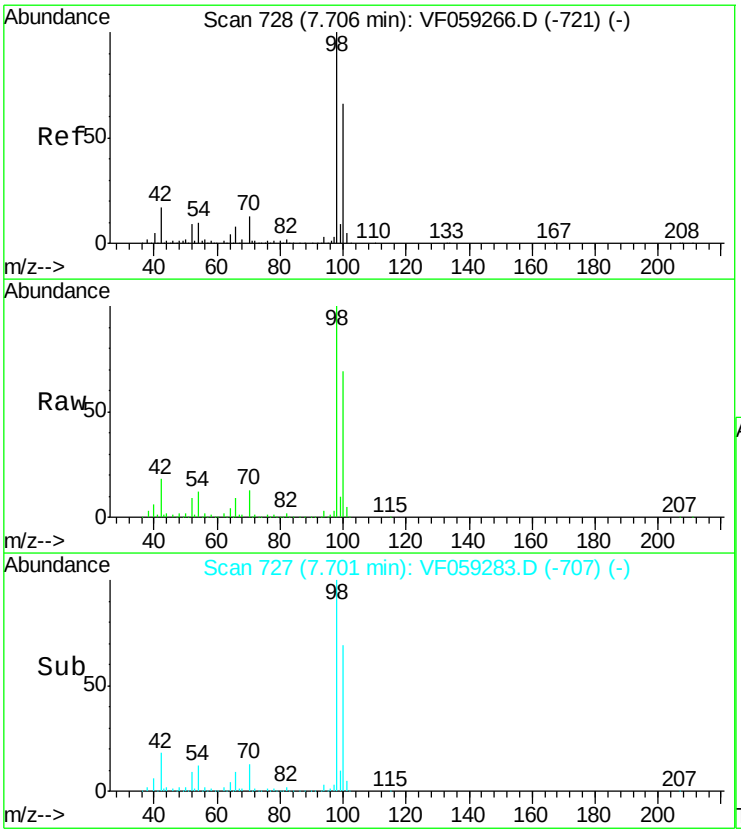
#49
1,4-Dioxane
Concen: 7.968 ug/l
RT: 6.84 min Scan# 640
Delta R.T. -0.03 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(5-10)

Tgt Ion: 88 Resp: 72

Ion	Ratio	Lower	Upper
88	100		
43	209.0	55.5	83.3#
58	0.0	50.1	75.1#

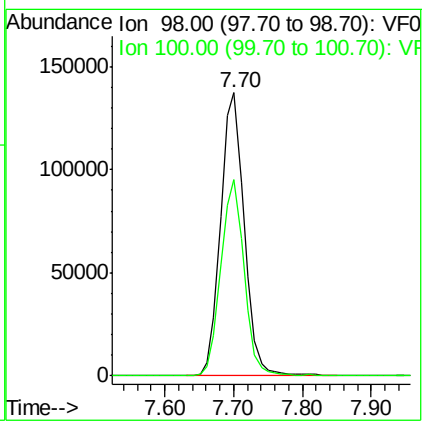


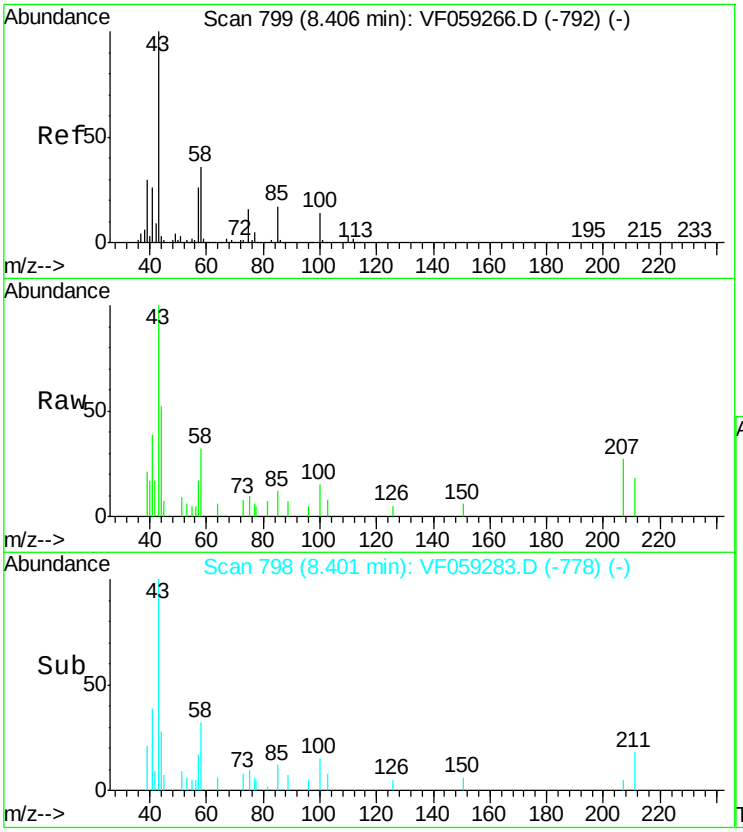


#50
Toluene-d8
Concen: 51.198 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Tgt Ion: 98 Resp: 327743

Ion	Ratio	Lower	Upper
98	100		
100	69.2	52.8	79.2



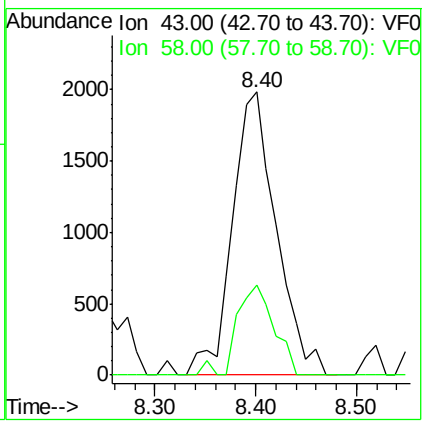


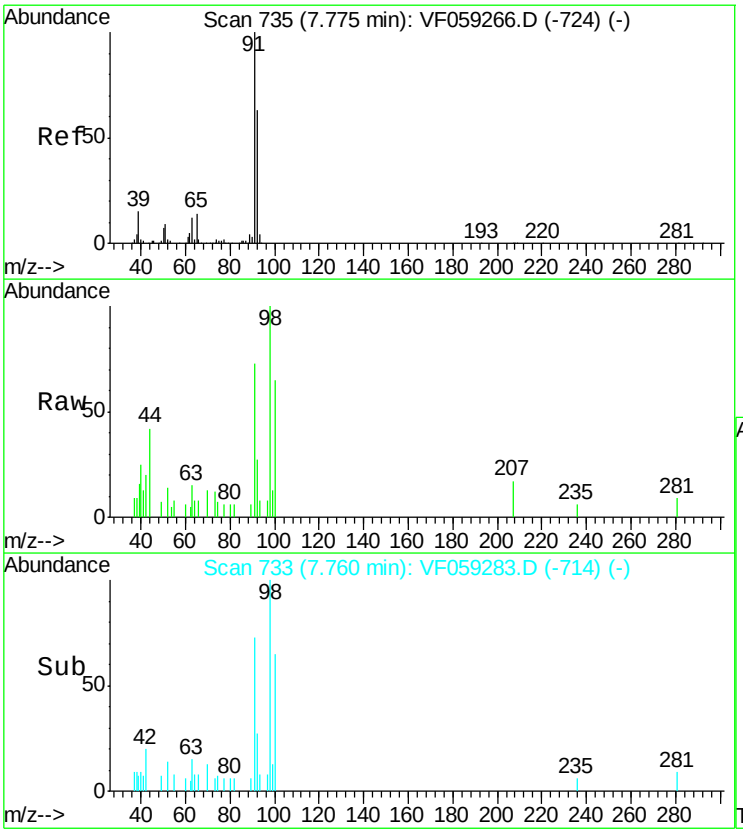
#51
4-Methyl-2-Pentanone
Concen: 3.420 ug/l
RT: 8.40 min Scan# 798
Delta R.T. -0.01 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(5-10)

Tgt Ion: 43 Resp: 6003

Ion	Ratio	Lower	Upper
43	100		
58	31.9	29.0	43.6

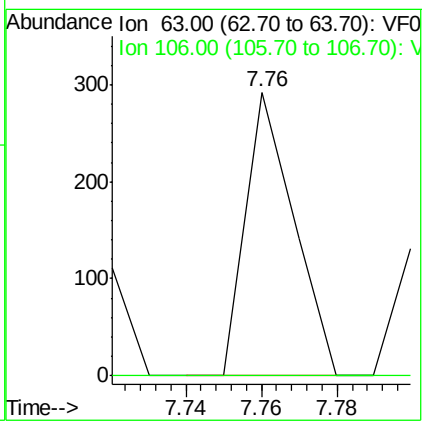


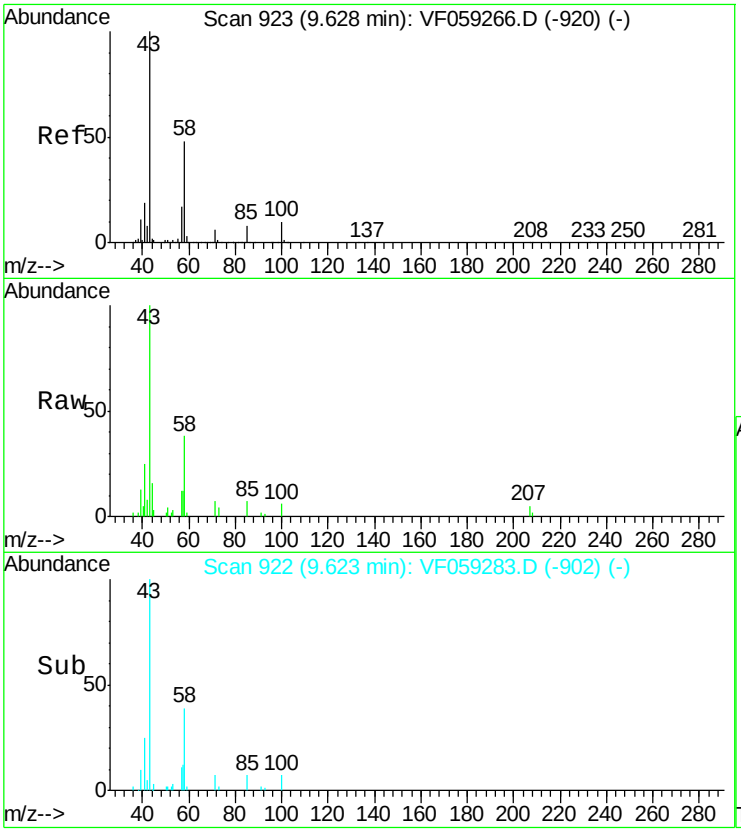


#58
2-Chloroethyl Vinyl ether
Concen: 1.409 ug/l
RT: 7.76 min Scan# 733
Delta R.T. -0.02 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Tgt Ion: 63 Resp: 256

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



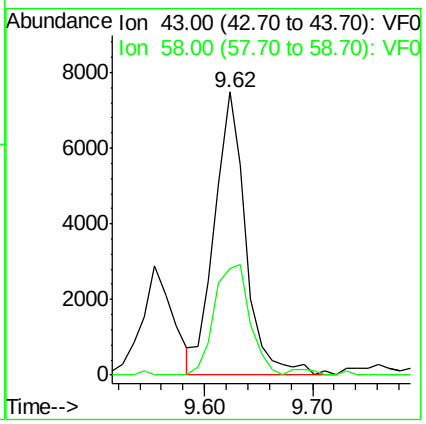


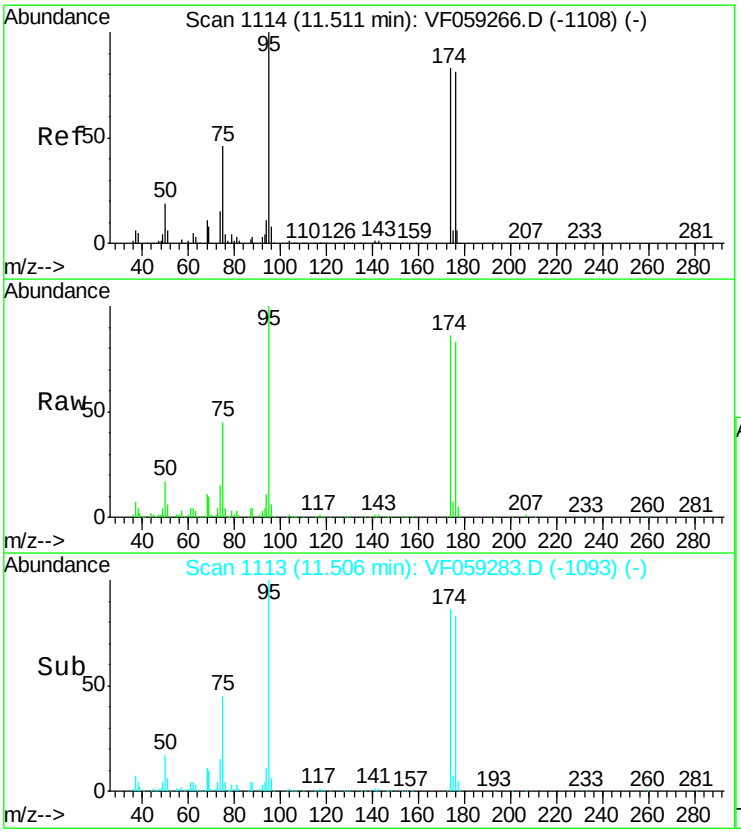
#59
2-Hexanone
Concen: 10.803 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.01 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(5-10)

Tgt Ion: 43 Resp: 15034

Ion	Ratio	Lower	Upper
43	100		
58	37.6	23.3	69.9

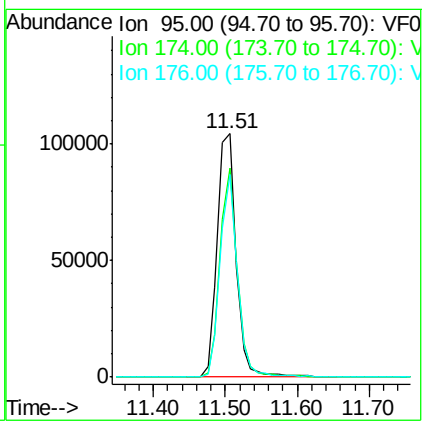


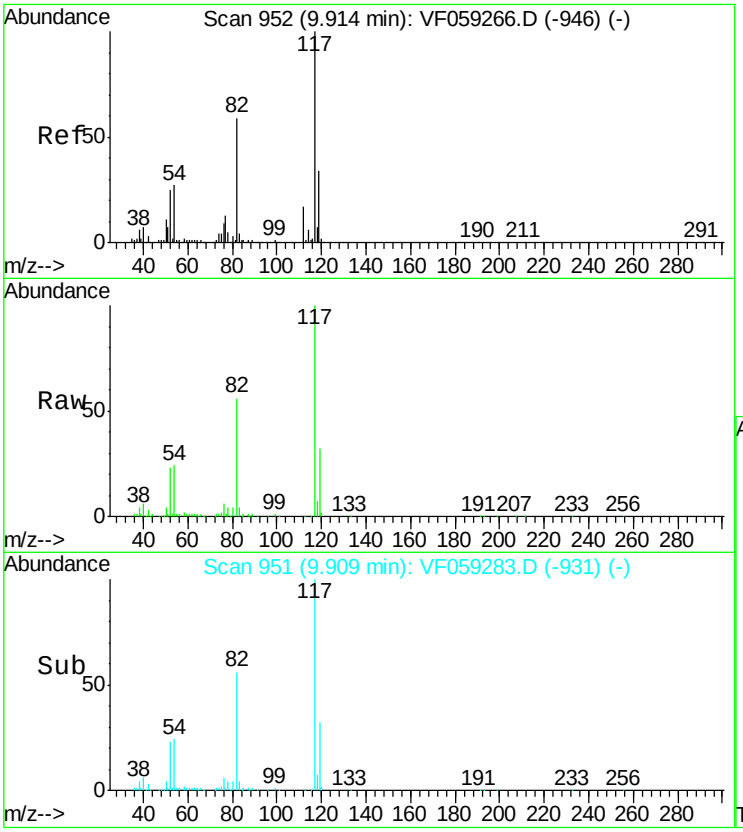


#62
4-Bromofluorobenzene
Concen: 53.416 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Tgt Ion: 95 Resp: 189617

Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	166.2
176	83.1	0.0	162.8



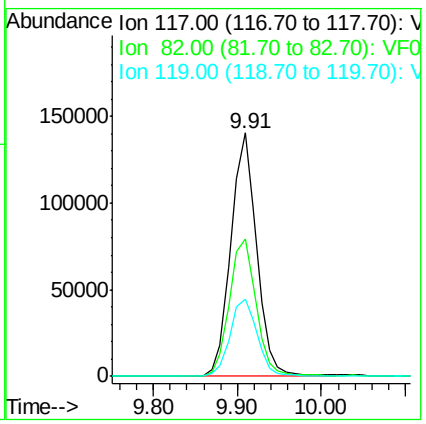


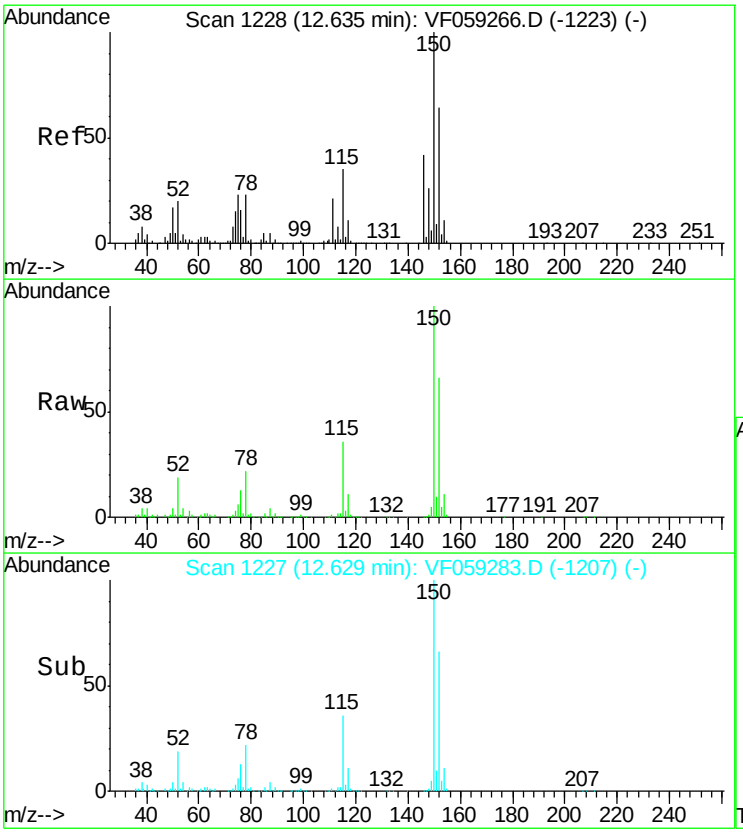
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(5-10)

Tgt Ion:117 Resp: 301984

Ion	Ratio	Lower	Upper
117	100		
82	56.2	47.1	70.7
119	32.0	26.9	40.3

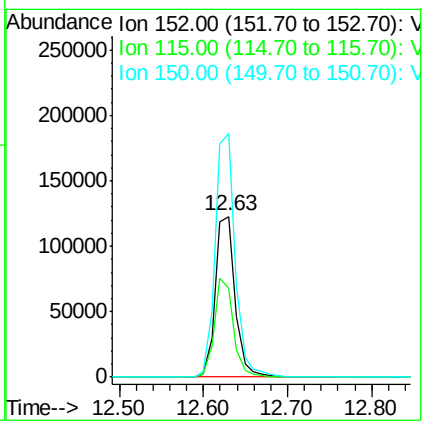


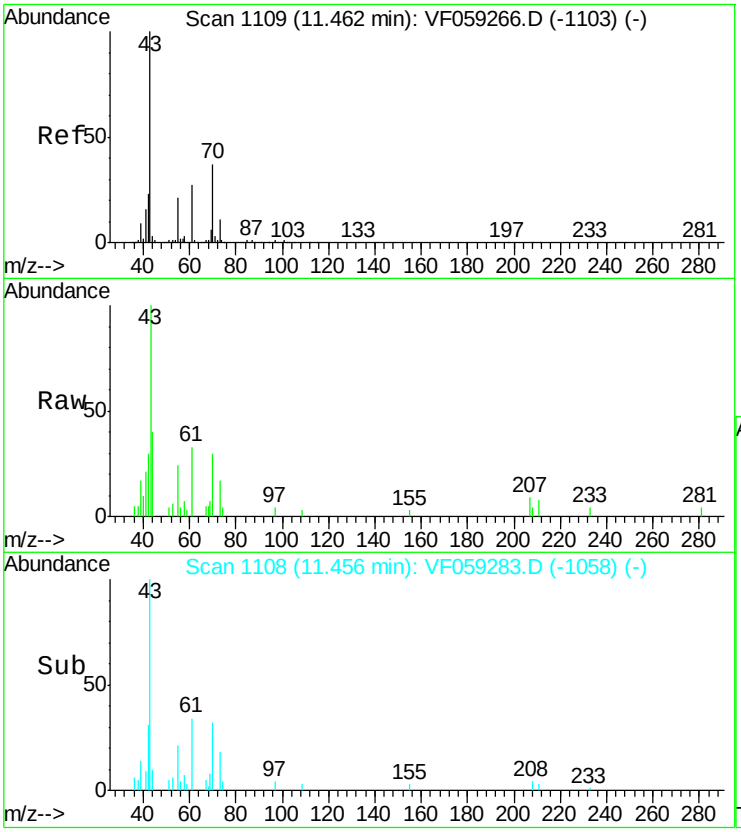


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Tgt Ion:152 Resp: 201083

Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.8	83.3
150	151.3	0.0	313.8



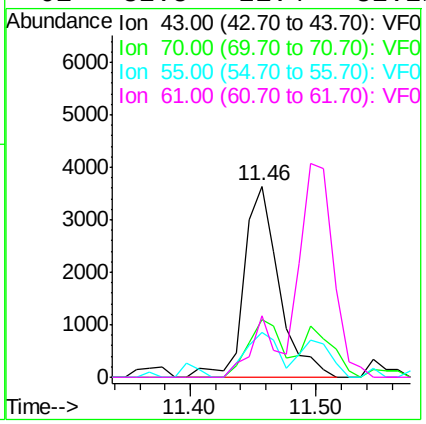


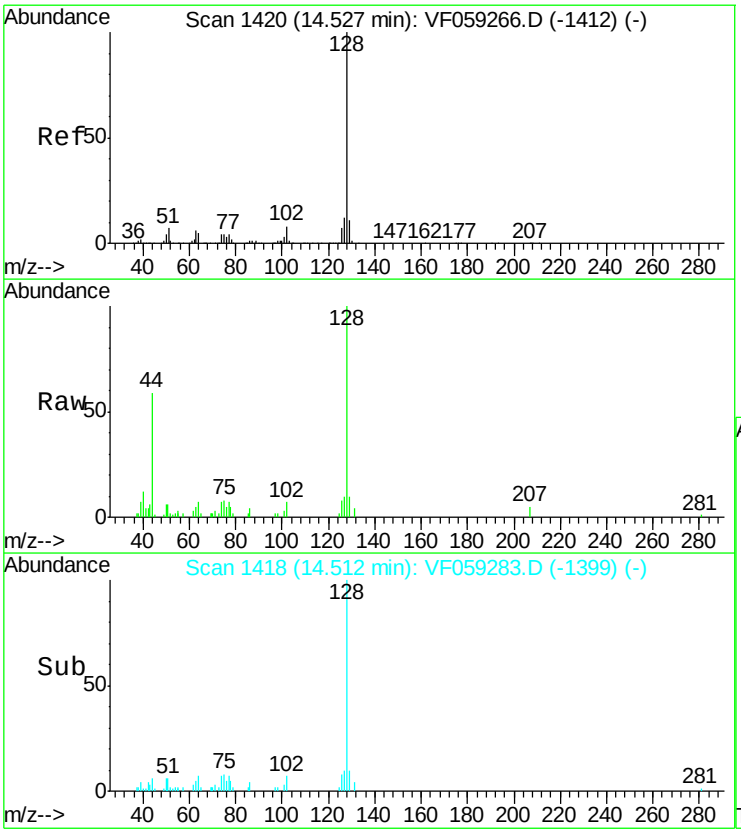
#74
N-amyl acetate
Concen: 1.544 ug/l
RT: 11.46 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(5-10)

Tgt Ion: 43 Resp: 6983

Ion	Ratio	Lower	Upper
43	100		
70	30.4	29.6	44.4
55	23.8	17.0	25.4
61	32.5	21.4	32.2#





#95
Naphthalene
Concen: 1.227 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.02 min
Lab File: VF059283.D
Acq: 22 Jun 2018 19:37

Tgt Ion:128 Resp: 12244

Ion	Ratio	Lower	Upper
128	100		
127	9.6	9.6	14.4#
129	10.1	9.0	13.4