Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070318\
Data File : VF059417.D
Acq On : 3 Jul 2018 17:35
Operator : VA/AP
Sample : J3245-21RE
Misc : 6.34g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CL-01-062918-C

Quant Time: Jul 04 00:12:55 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	5.01	168	234510	50.00	ug/l		-0.02
34) 1,4-Difluorobenzene	5.74	114	346277	50.00	ug/l		-0.02
63) Chlorobenzene-d5	9.89	117	316688	50.00	ug/l		-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	157895	50.00	ug/l		-0.02
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.99	65	173010	57.10	ug/l		-0.02
Spiked Amount 50.000			Recovery = 114.20%				
35) Dibromofluoromethane	4.26	113	156161	61.72	ug/l		-0.02
Spiked Amount 50.000			Recovery = 123.44%				
50) Toluene-d8	7.68	98	307873	49.15	ug/l		-0.02
Spiked Amount 50.000			Recovery = 98.30%				
62) 4-Bromofluorobenzene	11.49	95	150962	42.72	ug/l		-0.02
Spiked Amount 50.000			Recovery = 85.44%				
Target Compounds							Qvalue
5) Bromomethane	1.27	94	90	Below Cal			95
13) Acrolein	2.08	56	504	Below Cal			95
16) Acetone	2.34	43	1919	Below Cal		#	65
18) Methyl Acetate	2.54	43	992	Below Cal			99
20) Methylene Chloride	2.26	84	3765	Below Cal			83
25) 2-Butanone	4.49	43	299	Below Cal		#	59
29) Tetrahydrofuran	4.24	42	1164	Below Cal		#	80
37) Ethyl Acetate	4.27	43	797	Below Cal		#	26
49) 1,4-Dioxane	6.51	88	77	Below Cal		#	20
56) Ethyl methacrylate	8.74	69	2983	1.236	ug/l		92
58) 2-Chloroethyl Vinyl ether	7.75	63	910	5.027	ug/l		100
59) 2-Hexanone	9.60	43	1225	Below Cal		#	58
68) m/p-Xylenes	10.24	106	5651	1.595	ug/l		86
87) 1,3-Dichlorobenzene	12.54	146	337	Below Cal		#	69

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

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CL-01-062918-C

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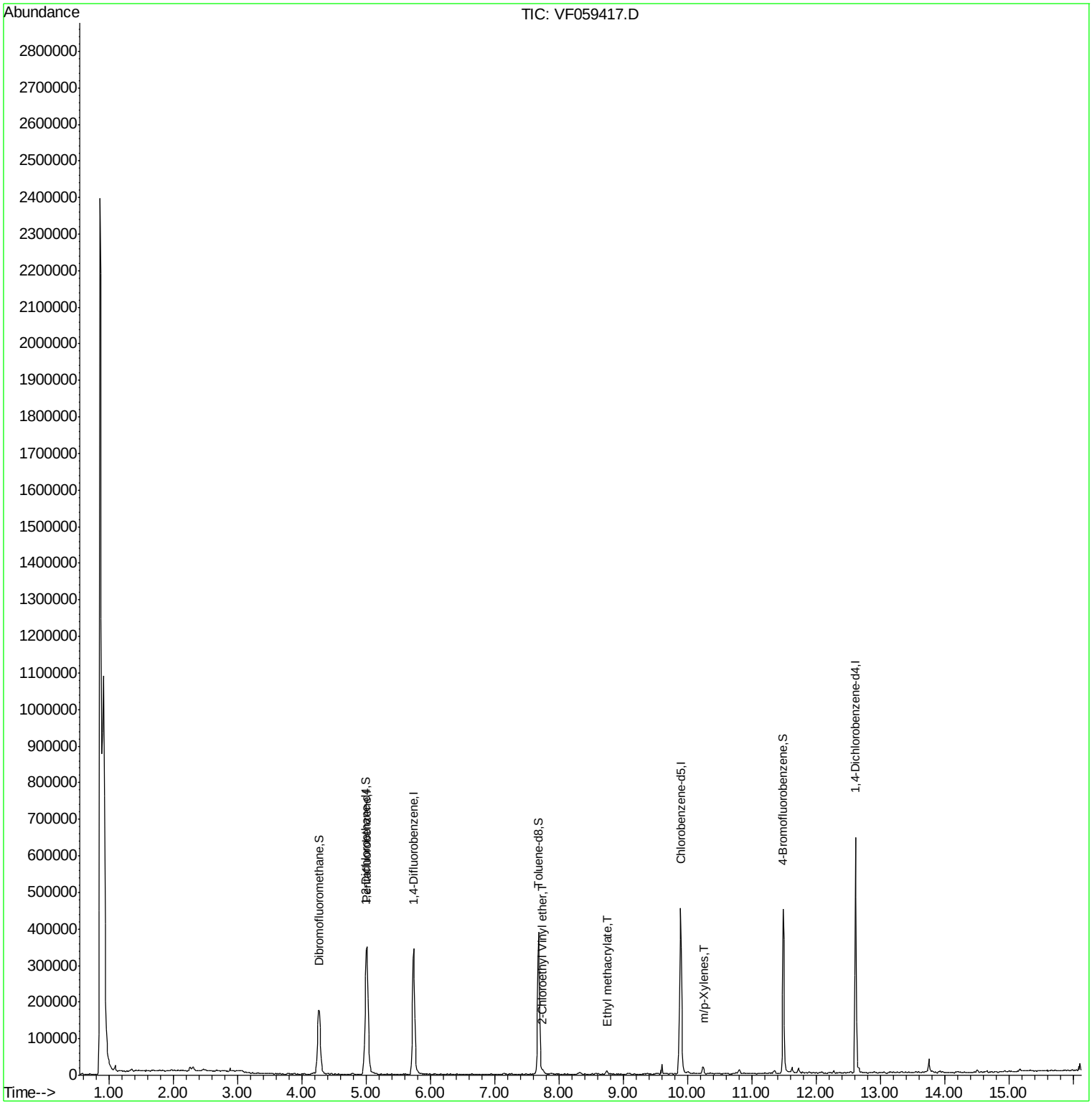
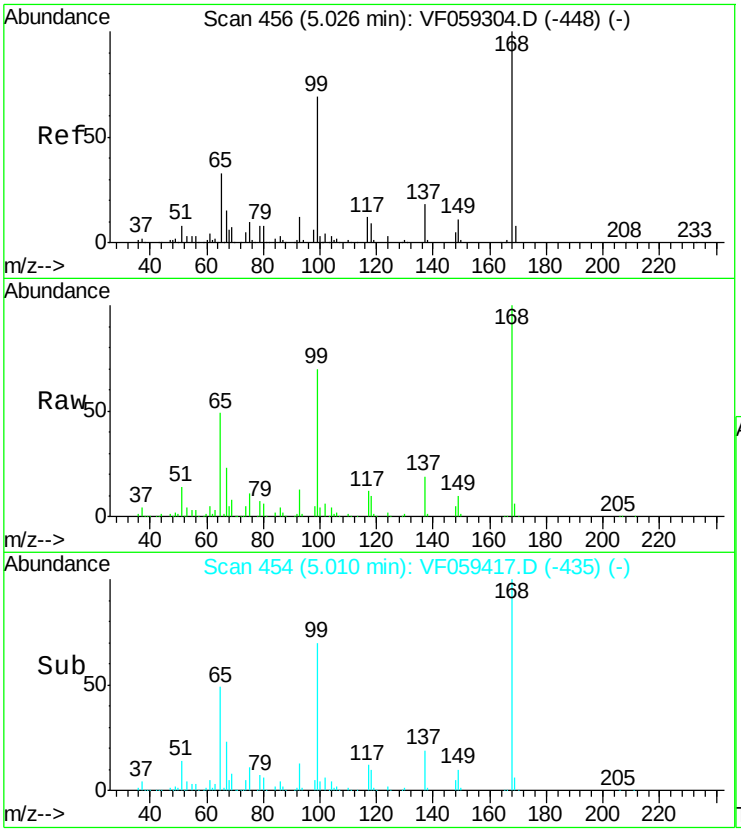


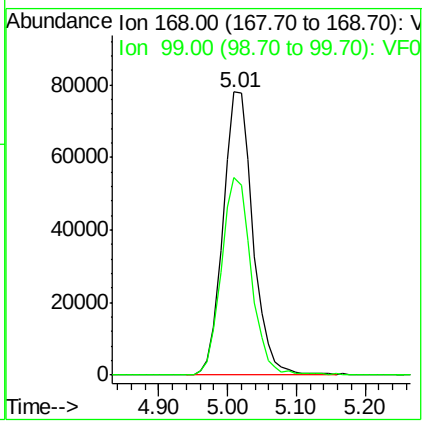


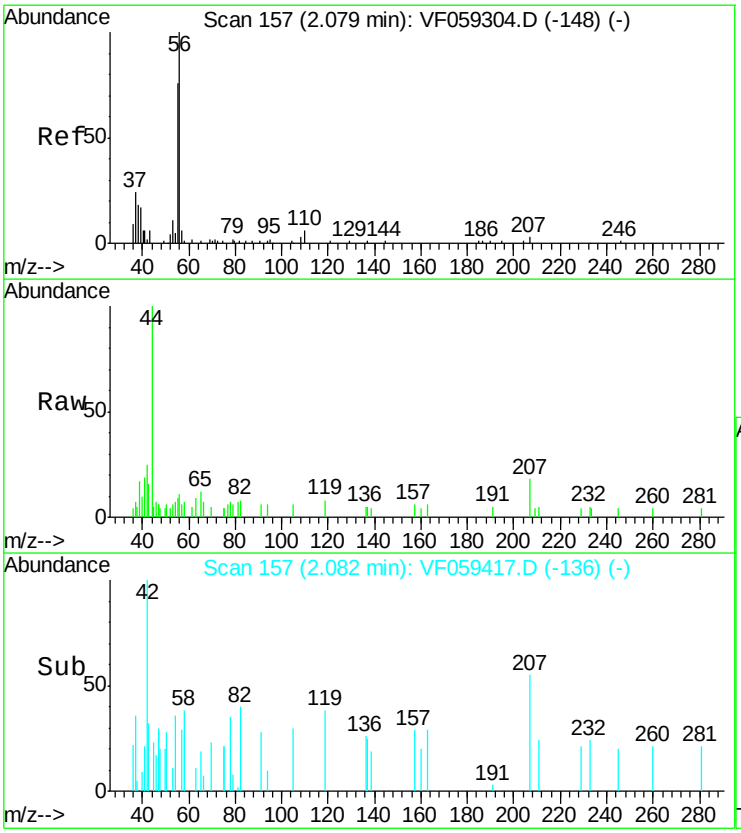
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.02 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-C

Tgt Ion:168 Resp: 234510

Ion	Ratio	Lower	Upper
168	100		
99	69.7	54.9	82.3

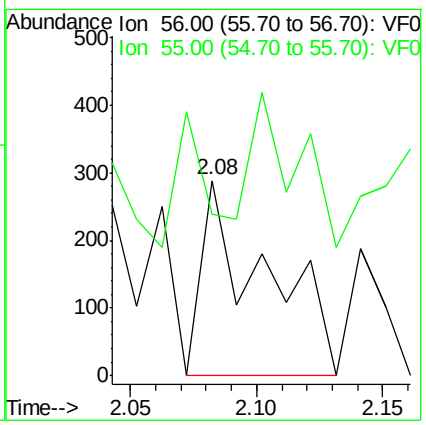


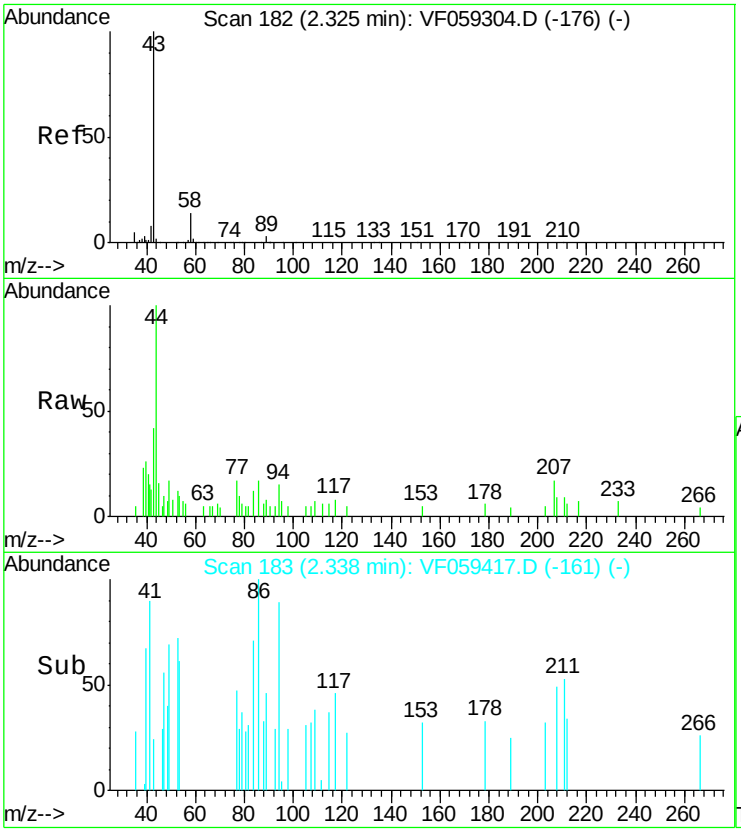


#13
Acrolein
Concen: Below Cal
RT: 2.08 min Scan# 157
Delta R.T. 0.00 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Tgt Ion: 56 Resp: 504

Ion	Ratio	Lower	Upper
56	100		
55	82.4	62.4	93.6



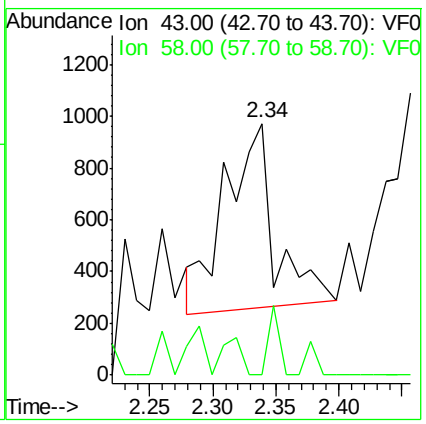


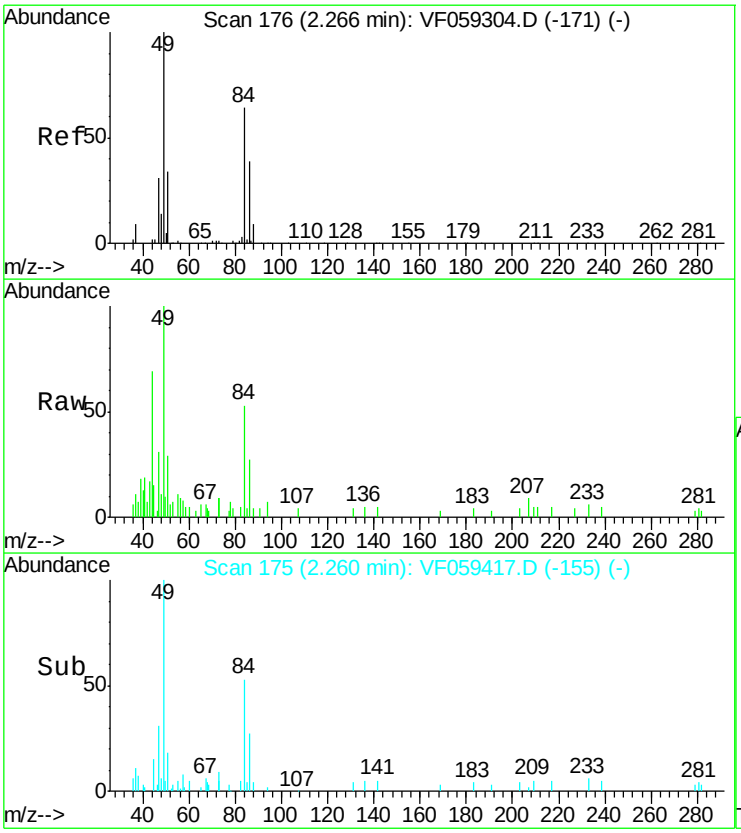
#16
Acetone
Concen: Below Cal
RT: 2.34 min Scan# 183
Delta R.T. 0.01 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Instrument : MSVOA_F
ClientSampleId : CL-01-062918-C

Tgt Ion: 43 Resp: 1919

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.4	17.0#

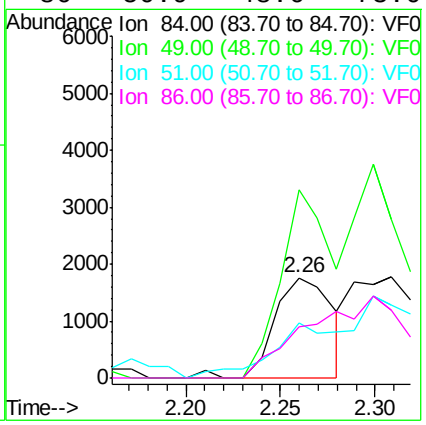


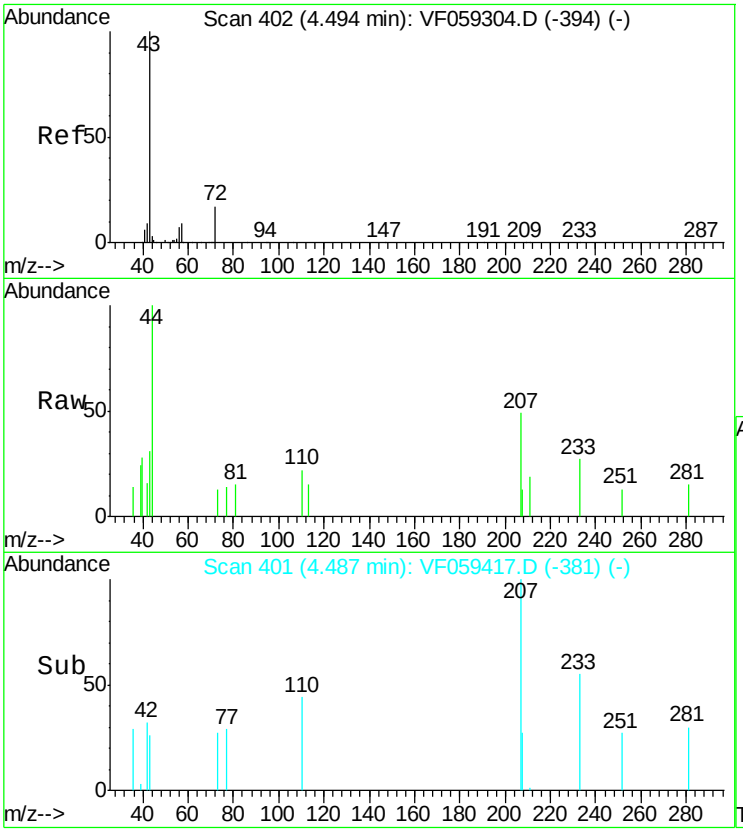


#20
Methylene Chloride
Concen: Below Cal
RT: 2.26 min Scan# 175
Delta R.T. -0.01 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Tgt Ion: 84 Resp: 3765

Ion	Ratio	Lower	Upper
84	100		
49	188.7	126.5	189.7
51	54.6	42.9	64.3
86	50.9	48.6	73.0



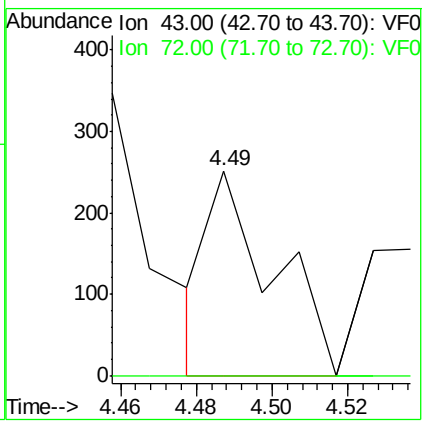


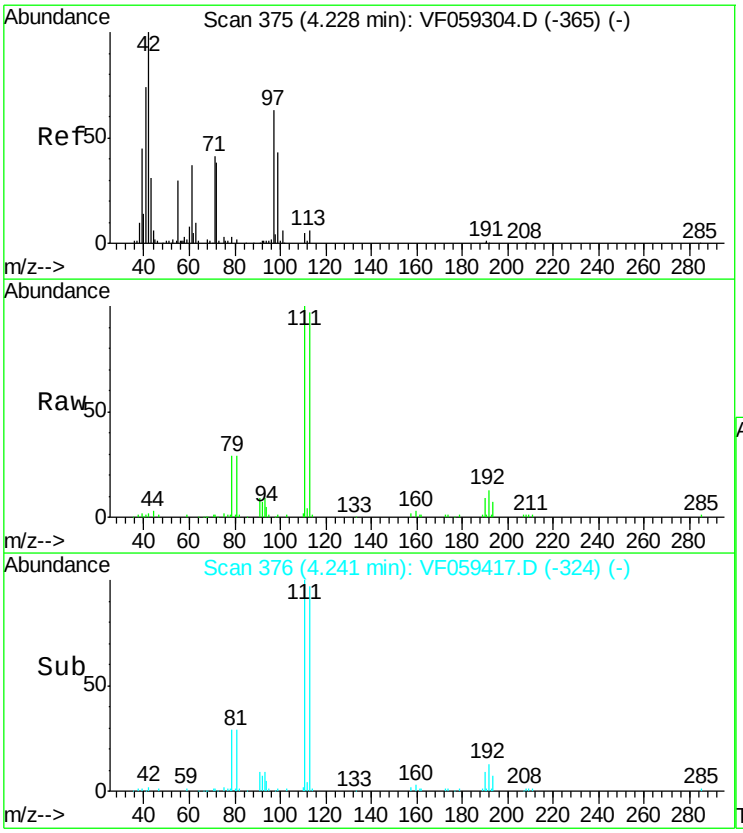
#25
2-Butanone
Concen: Below Cal
RT: 4.49 min Scan# 401
Delta R.T. -0.01 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Instrument : MSVOA_F
ClientSampleId : CL-01-062918-C

Tgt Ion: 43 Resp: 299

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	21.6#

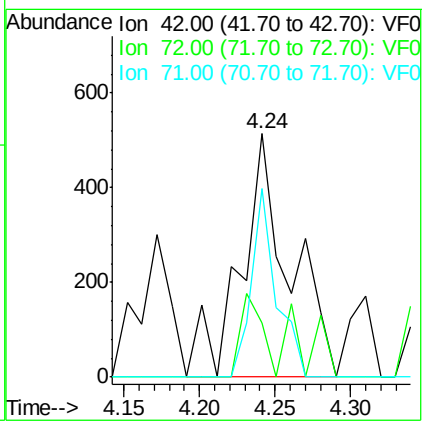


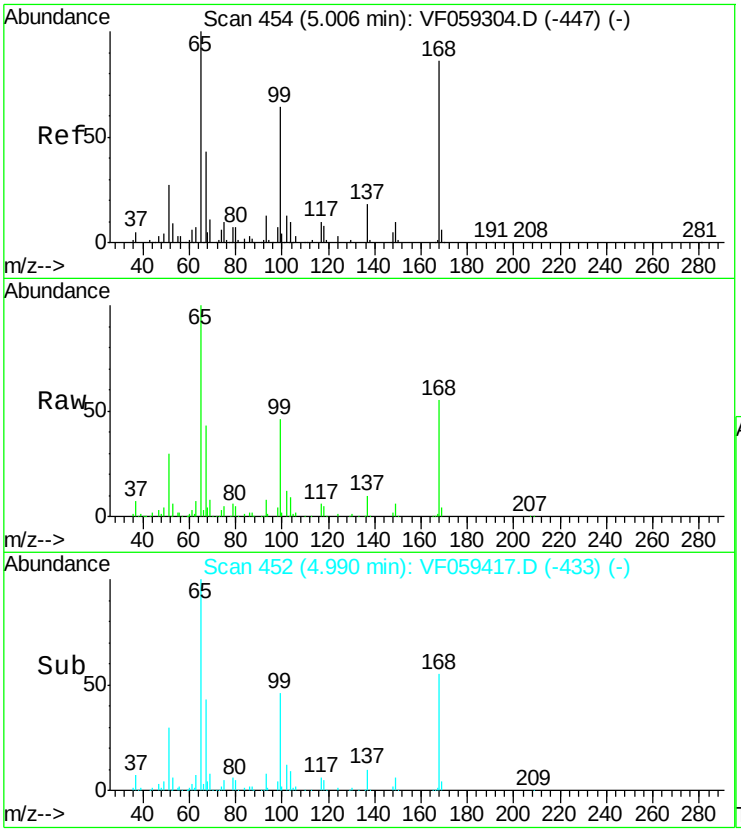


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.24 min Scan# 376
Delta R.T. 0.01 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Tgt Ion: 42 Resp: 1164

Ion	Ratio	Lower	Upper
42	100		
72	14.8	30.5	45.7#
71	39.5	32.5	48.7



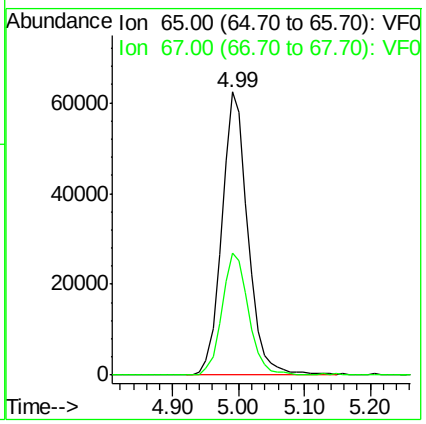


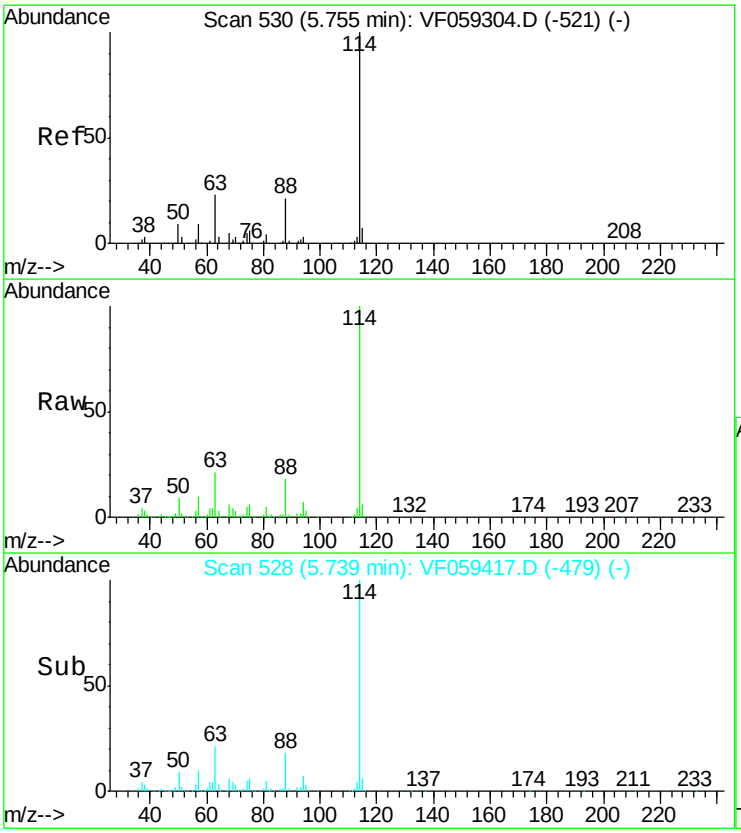
#33
1,2-Dichloroethane-d4
Concen: 57.102 ug/l
RT: 4.99 min Scan# 452
Delta R.T. -0.02 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-C

Tgt Ion: 65 Resp: 173010

Ion	Ratio	Lower	Upper
65	100		
67	43.2	0.0	96.8

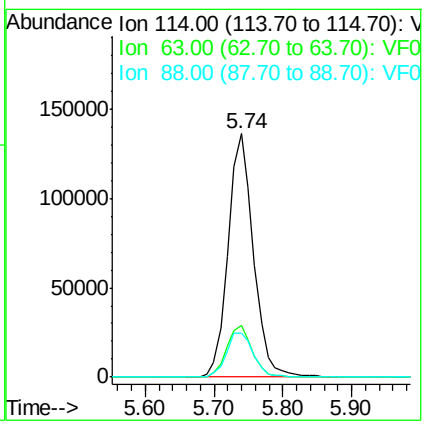


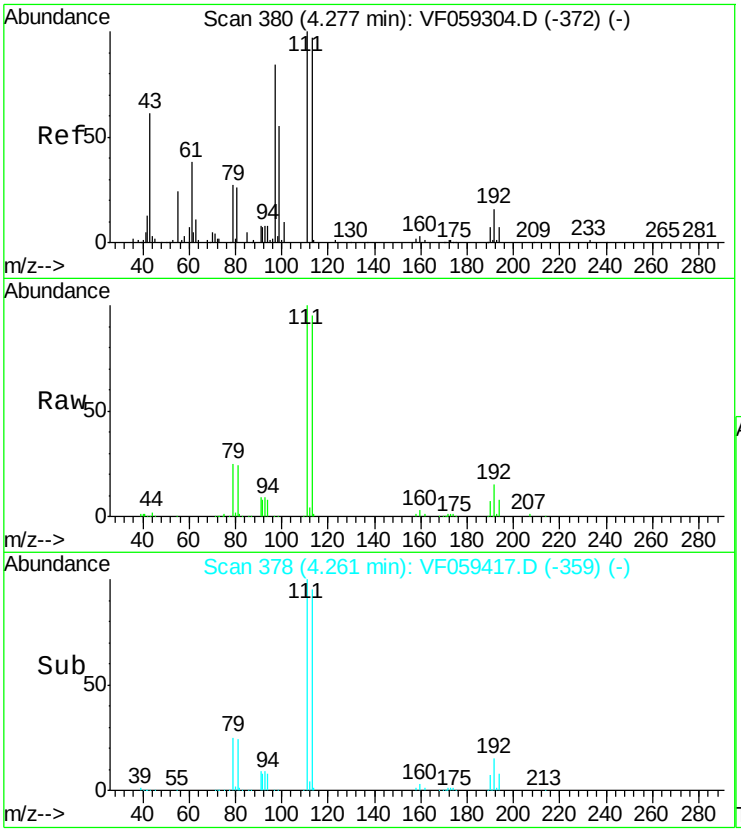


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.74 min Scan# 528
Delta R.T. -0.02 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Tgt Ion:114 Resp: 346277

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	45.8
88	18.1	0.0	41.2



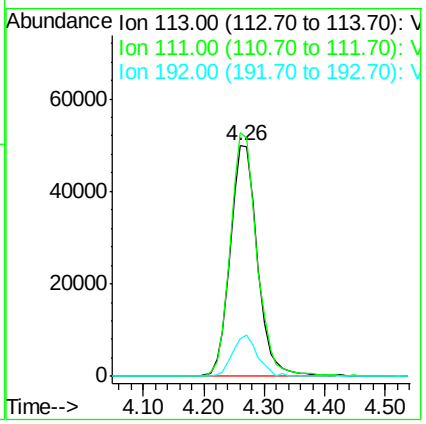


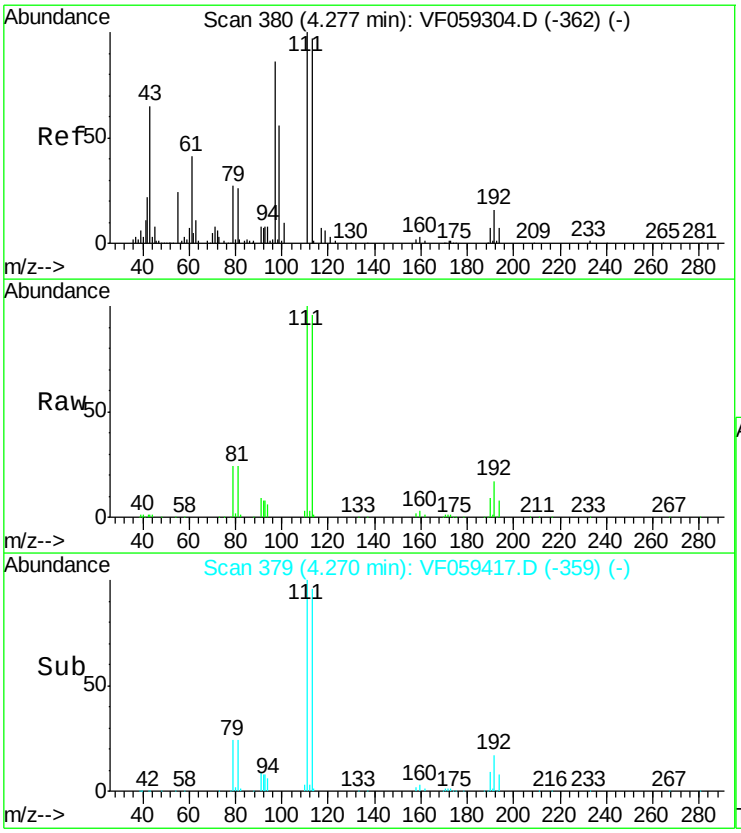
#35
Dibromofluoromethane
Concen: 61.720 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.02 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-C

Tgt Ion:113 Resp: 156161

Ion	Ratio	Lower	Upper
113	100		
111	105.5	82.1	123.1
192	16.3	13.0	19.6

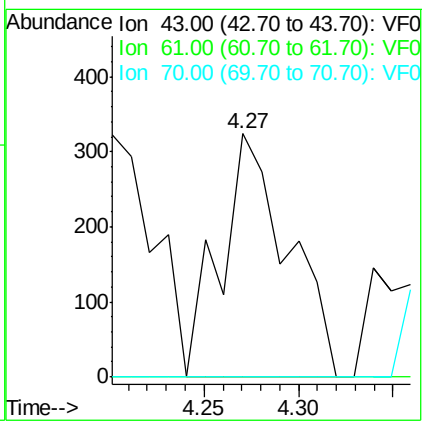


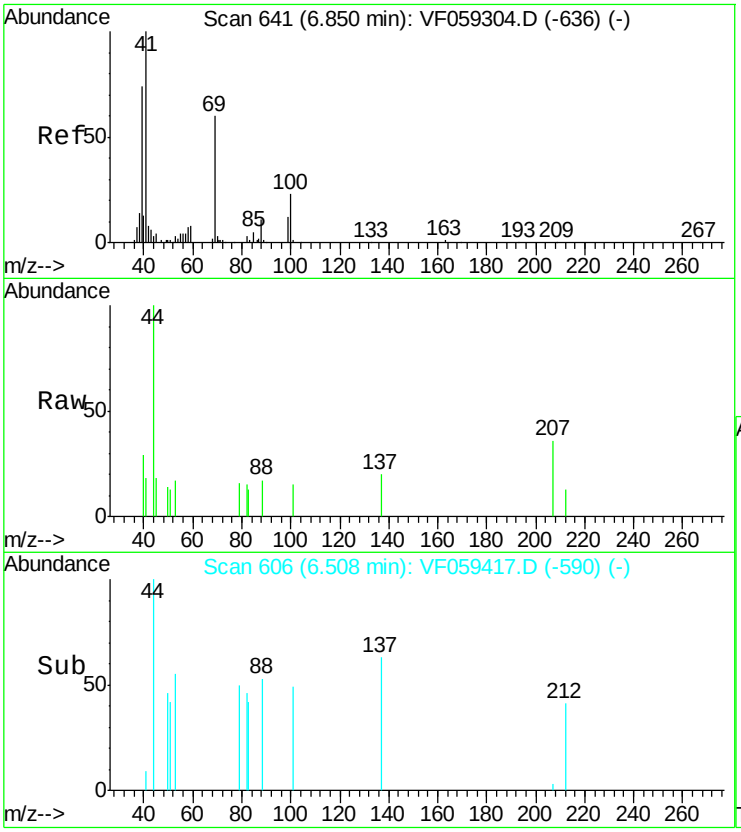


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.27 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Tgt Ion: 43 Resp: 797

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



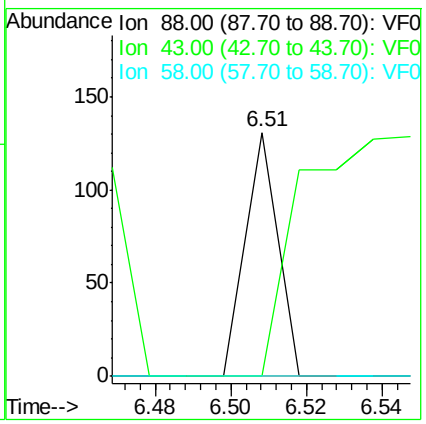


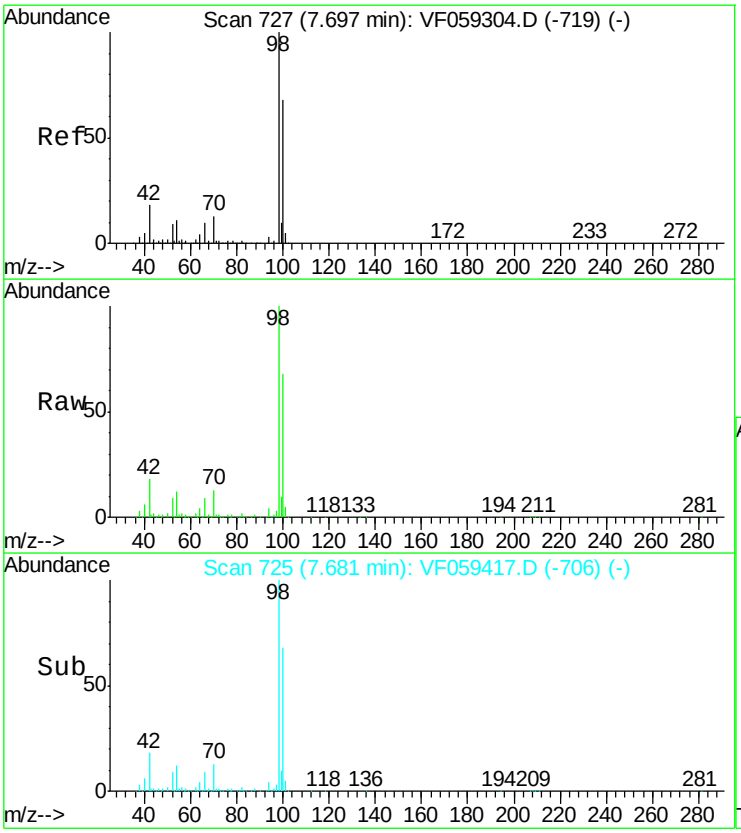
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.51 min Scan# 606
Delta R.T. -0.34 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Instrument : MSVOA_F
ClientSampleId : CL-01-062918-C

Tgt Ion: 88 Resp: 77

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

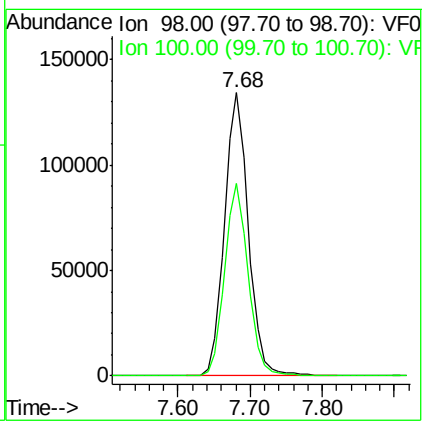


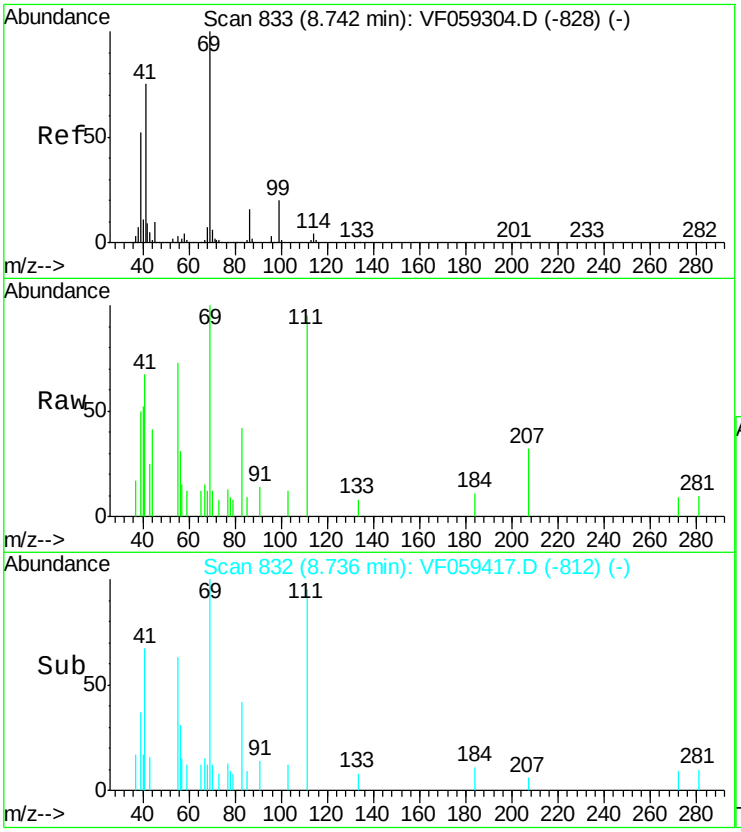


#50
Toluene-d8
Concen: 49.147 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Tgt Ion: 98 Resp: 307873

Ion	Ratio	Lower	Upper
98	100		
100	68.1	54.6	82.0



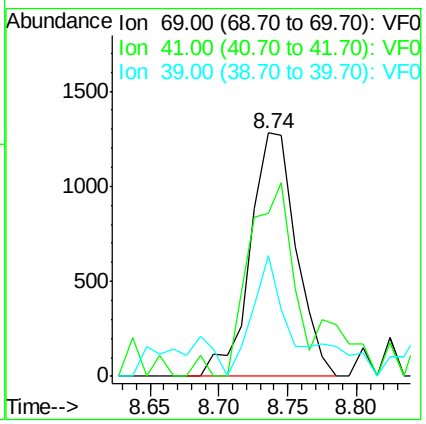


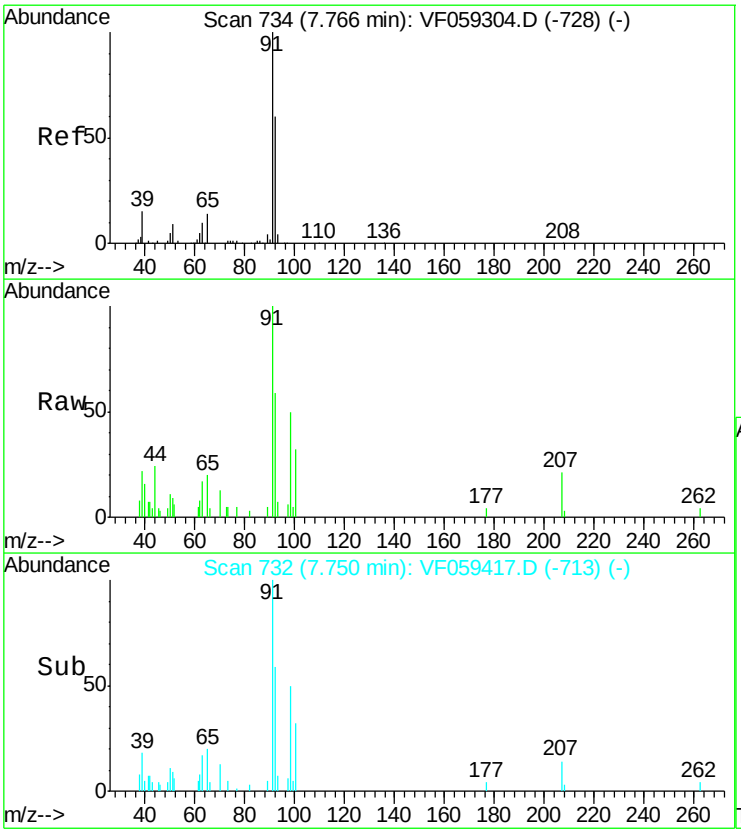
#56
Ethyl methacrylate
Concen: 1.236 ug/l
RT: 8.74 min Scan# 832
Delta R.T. -0.01 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-C

Tgt Ion: 69 Resp: 2983

Ion	Ratio	Lower	Upper
69	100		
41	66.9	60.3	90.5
39	49.6	42.2	63.4

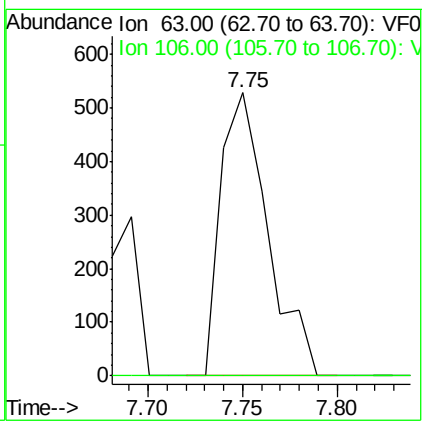


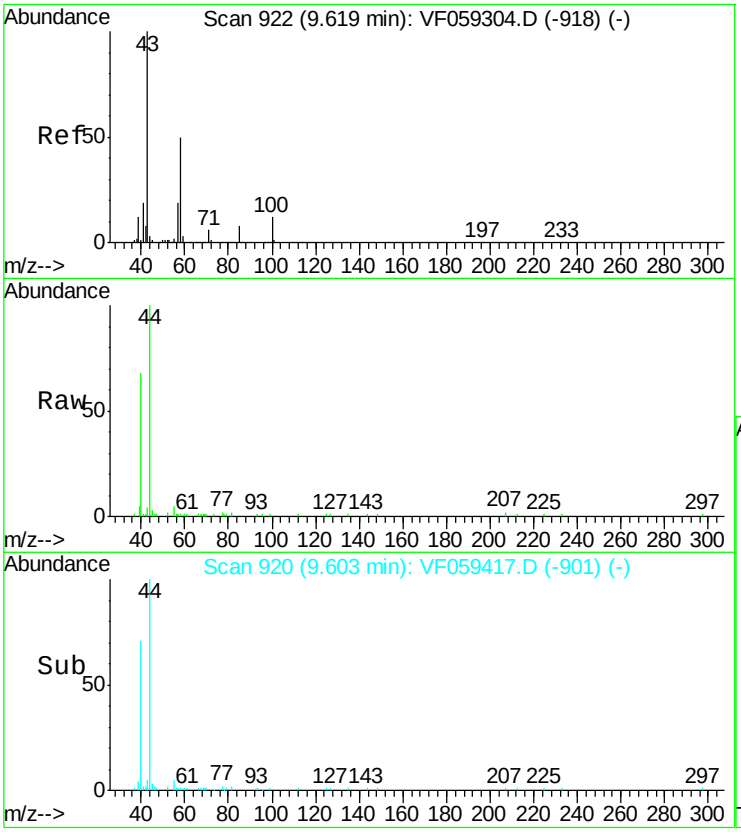


#58
2-Chloroethyl Vinyl ether
Concen: 5.027 ug/l
RT: 7.75 min Scan# 732
Delta R.T. -0.02 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Tgt Ion: 63 Resp: 910

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



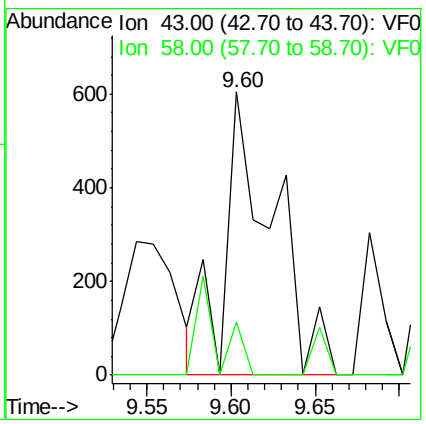


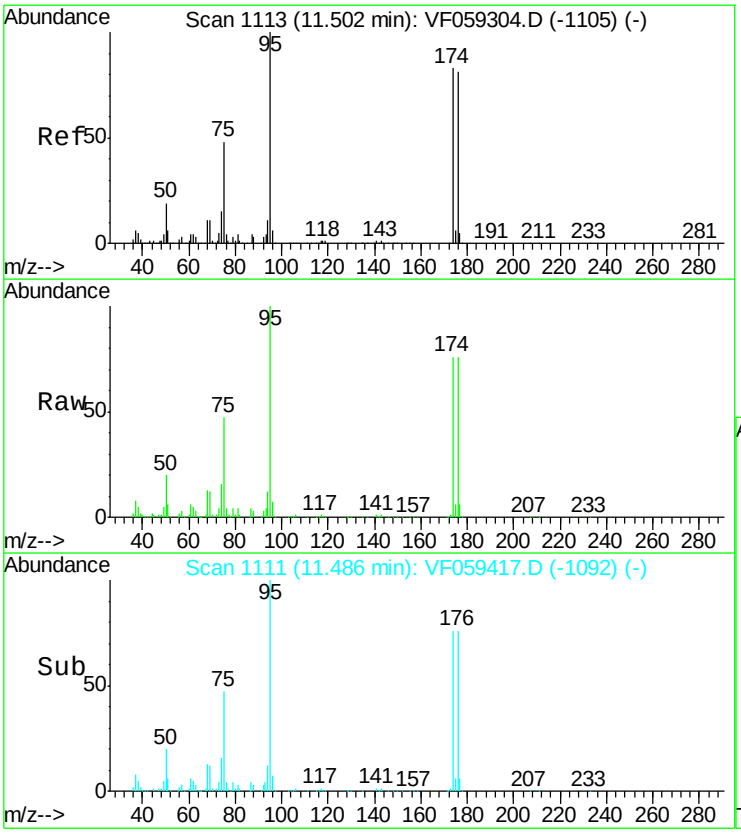
#59
2-Hexanone
Concen: Below Cal
RT: 9.60 min Scan# 920
Delta R.T. -0.02 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Instrument : MSVOA_F
ClientSampleId : CL-01-062918-C

Tgt Ion: 43 Resp: 1225

Ion	Ratio	Lower	Upper
43	100		
58	18.7	23.3	69.9#

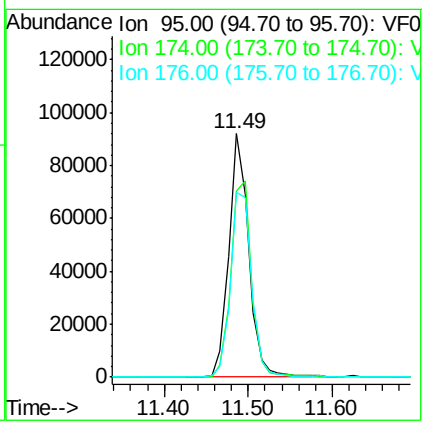


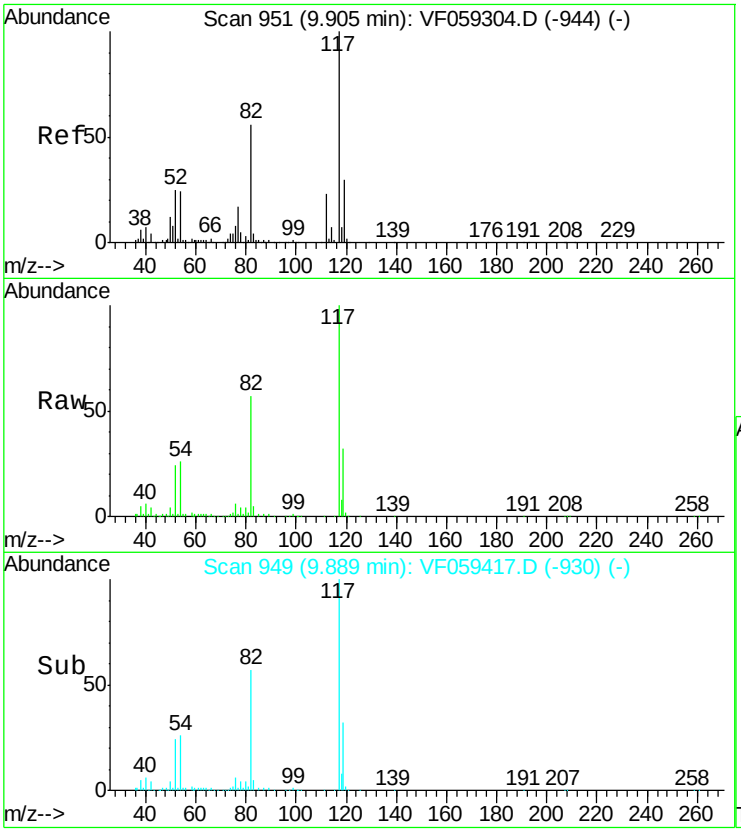


#62
4-Bromofluorobenzene
Concen: 42.721 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Tgt Ion: 95 Resp: 150962

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	165.2
176	75.7	0.0	161.0



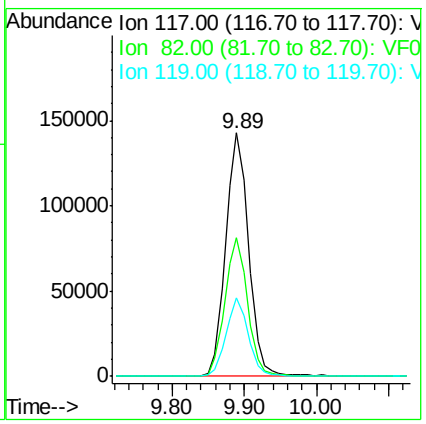


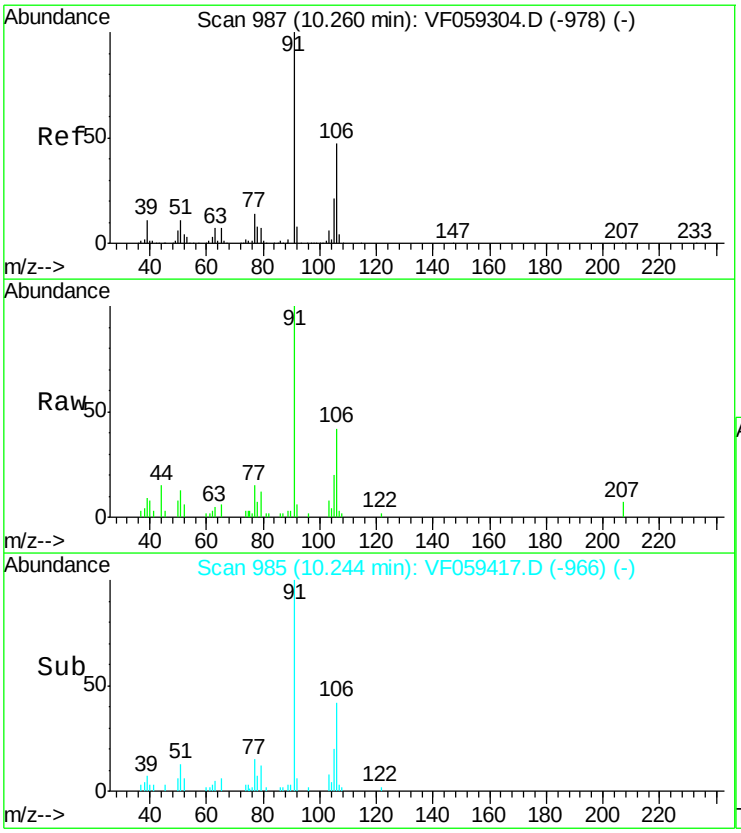
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Instrument : MSVOA_F
ClientSampleId : CL-01-062918-C

Tgt Ion:117 Resp: 316688

Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.6	66.8
119	32.4	24.1	36.1

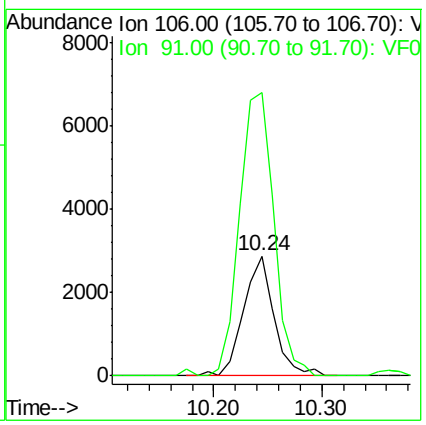


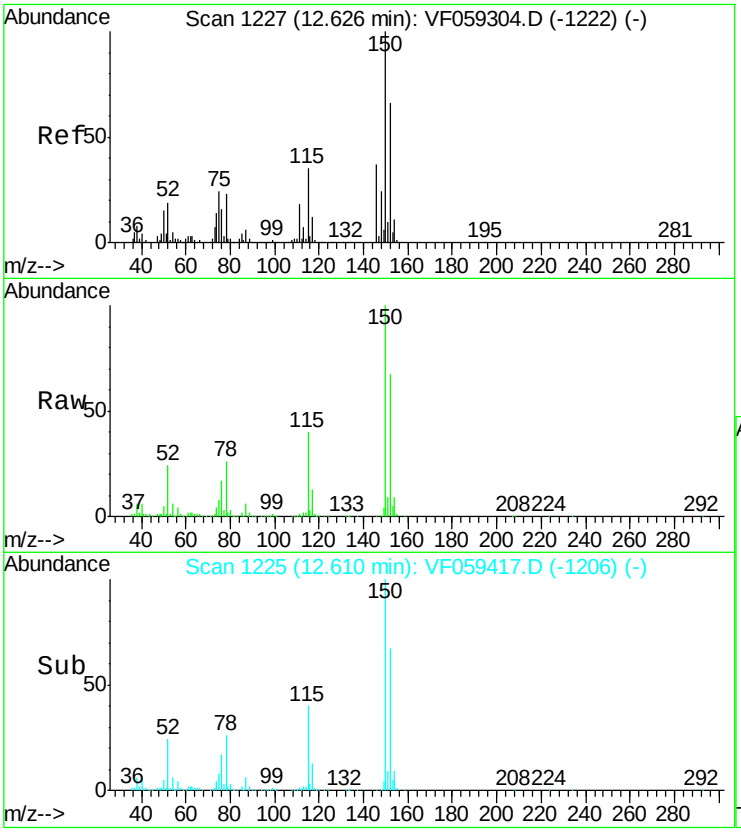


#68
m/p-Xylenes
Concen: 1.595 ug/l
RT: 10.24 min Scan# 985
Delta R.T. -0.02 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Tgt Ion:106 Resp: 5651

Ion	Ratio	Lower	Upper
106	100		
91	235.9	170.8	256.2



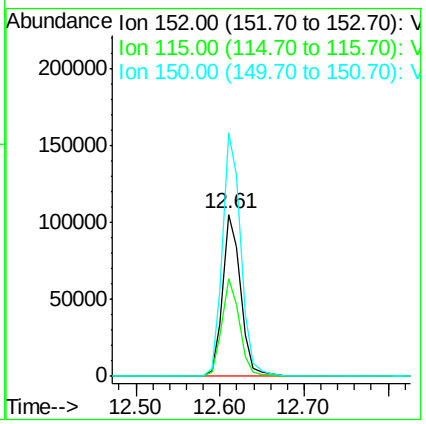


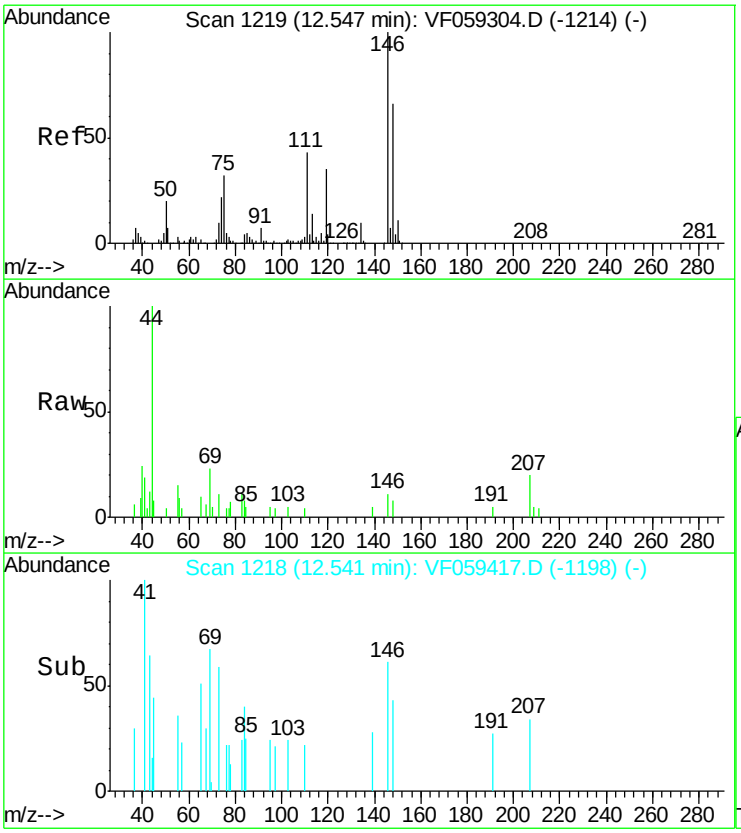
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Instrument : MSVOA_F
ClientSampleId : CL-01-062918-C

Tgt Ion:152 Resp: 157895

Ion	Ratio	Lower	Upper
152	100		
115	60.6	27.1	81.3
150	150.2	0.0	305.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.54 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VF059417.D
Acq: 3 Jul 2018 17:35

Tgt Ion:146 Resp: 337

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.4	64.2#
148	70.9	32.8	98.4