Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
Data File : VF059579.D
Acq On : 20 Jul 2018 2:25
Operator : VA/AP
Sample : J4062-01
Misc : 7.49g/5mL/MSVOA F/SOIL
ALS Vial : 71 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jul 20 07:10:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	86209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	113158	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	92148	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.64	152	38804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	47372	35.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.66%			
35) Dibromofluoromethane	4.29	113	46885	47.84	ug/l	-0.02
Spiked Amount 50.000			Recovery = 95.68%			
50) Toluene-d8	7.71	98	104624	42.38	ug/l	-0.02
Spiked Amount 50.000			Recovery = 84.76%			
62) 4-Bromofluorobenzene	11.51	95	42680	32.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 65.92%			
Target Compounds						Qvalue
3) Chloromethane	1.08	50	641	1.103	ug/l	97
11) Tert butyl alcohol	2.68	59	67	Below Cal	#	74
13) Acrolein	2.15	56	116	Below Cal		99
16) Acetone	2.33	43	15563	56.367	ug/l	95
17) Carbon Disulfide	1.84	76	2893	1.752	ug/l #	42
18) Methyl Acetate	2.45	43	613	Below Cal	#	67
20) Methylene Chloride	2.37	84	457	Below Cal	#	2
25) 2-Butanone	4.52	43	2264	7.273	ug/l	97
29) Tetrahydrofuran	4.27	42	146	Below Cal	#	61
37) Ethyl Acetate	4.30	43	119	Below Cal	#	41
49) 1,4-Dioxane	6.88	88	80	12.788	ug/l #	15
51) 4-Methyl-2-Pentanone	8.40	43	702	1.217	ug/l	94
95) Naphthalene	14.52	128	2456	1.728	ug/l #	96

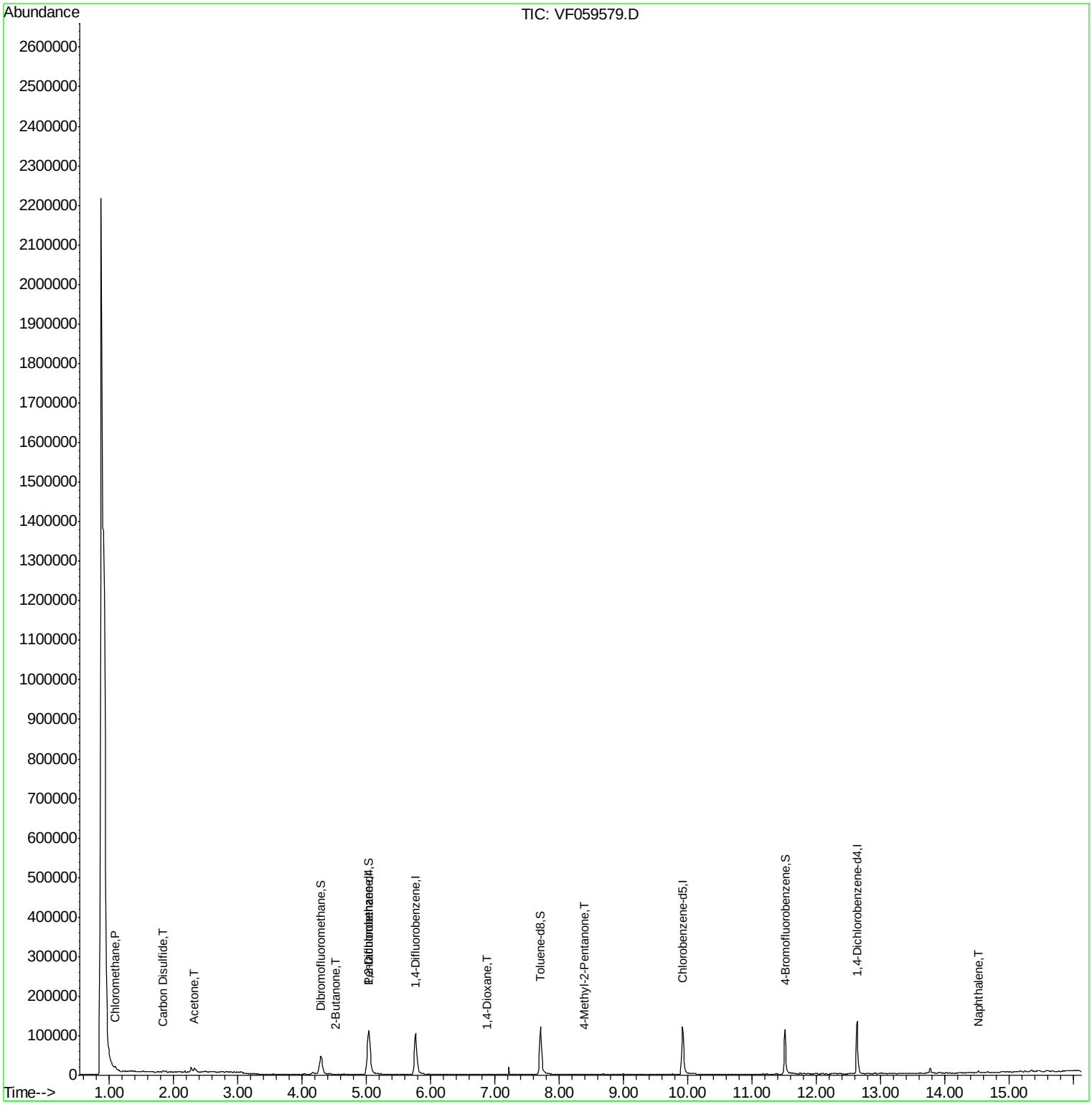
(#) = qualifier out of range (m) = manual integration (+) = signals summed

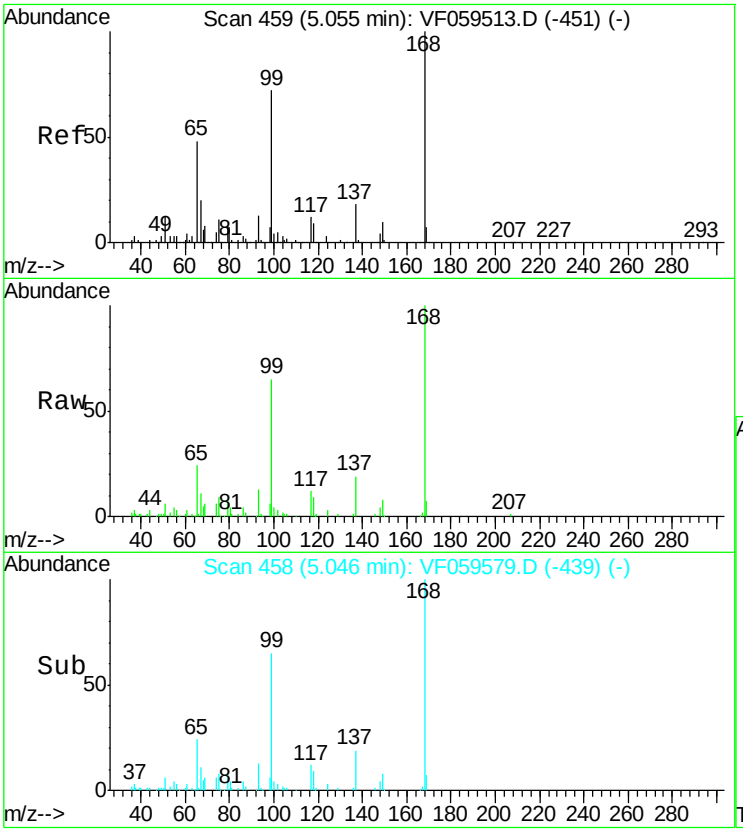
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
Data File : VF059579.D
Acq On : 20 Jul 2018 2:25
Operator : VA/AP
Sample : J4062-01
Misc : 7.49g/5mL/MSVOA F/SOIL
ALS Vial : 71 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jul 20 07:10:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration



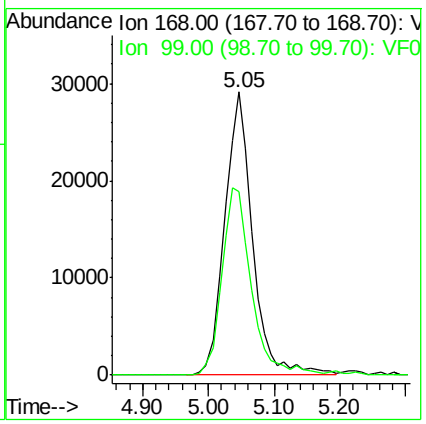


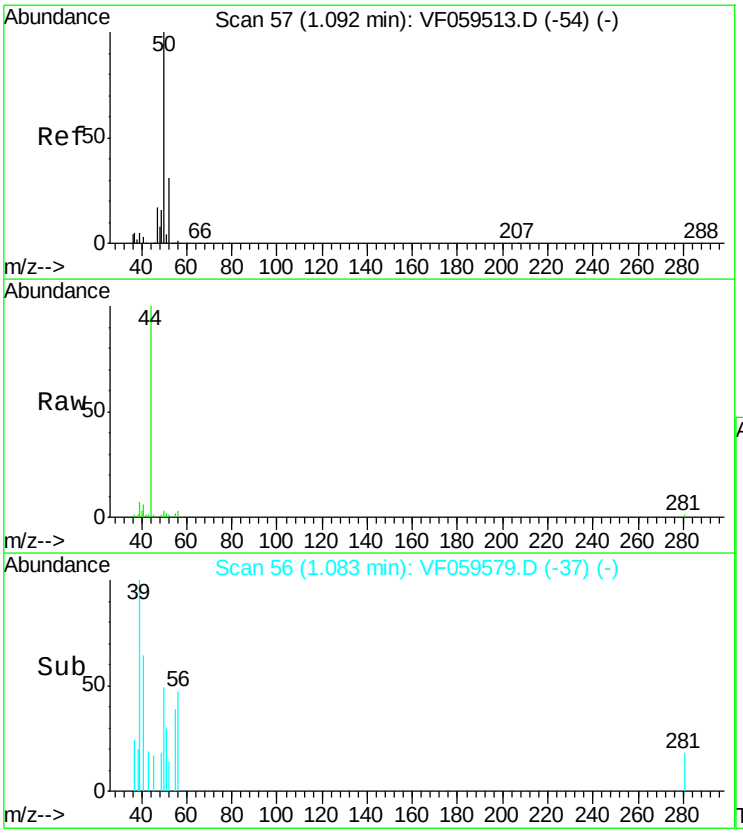
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. -0.01 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 86209

Ion	Ratio	Lower	Upper
168	100		
99	64.9	57.6	86.4

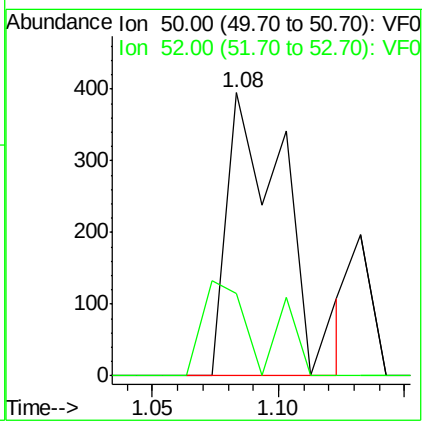


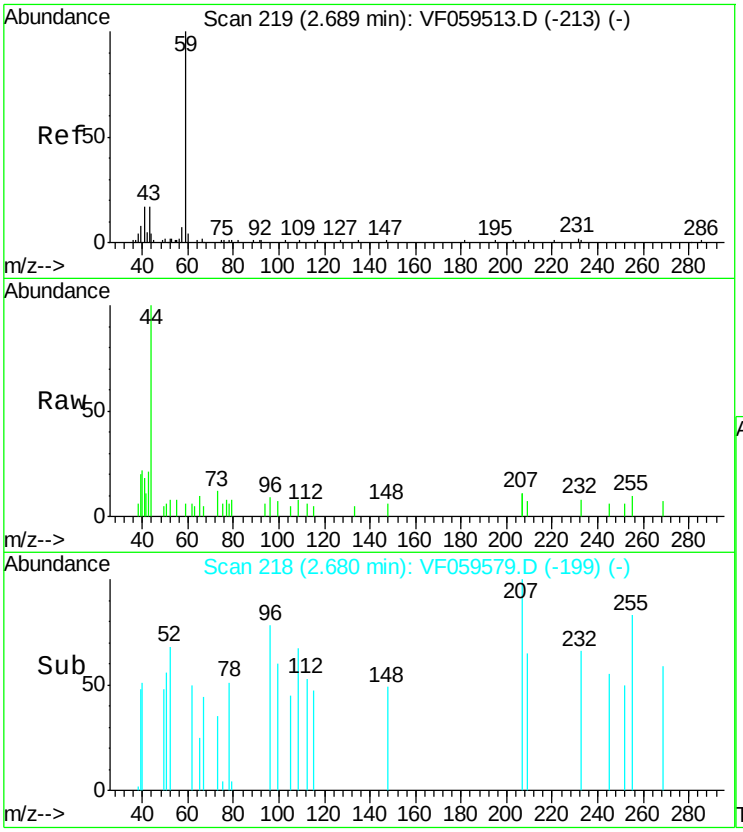


#3
Chloromethane
Concen: 1.103 ug/l
RT: 1.08 min Scan# 56
Delta R.T. -0.01 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Tgt Ion: 50 Resp: 641

Ion	Ratio	Lower	Upper
50	100		
52	29.1	24.6	37.0



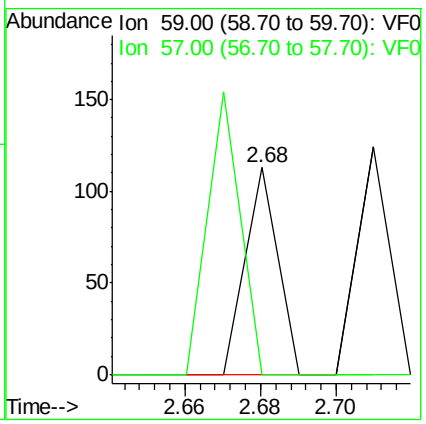


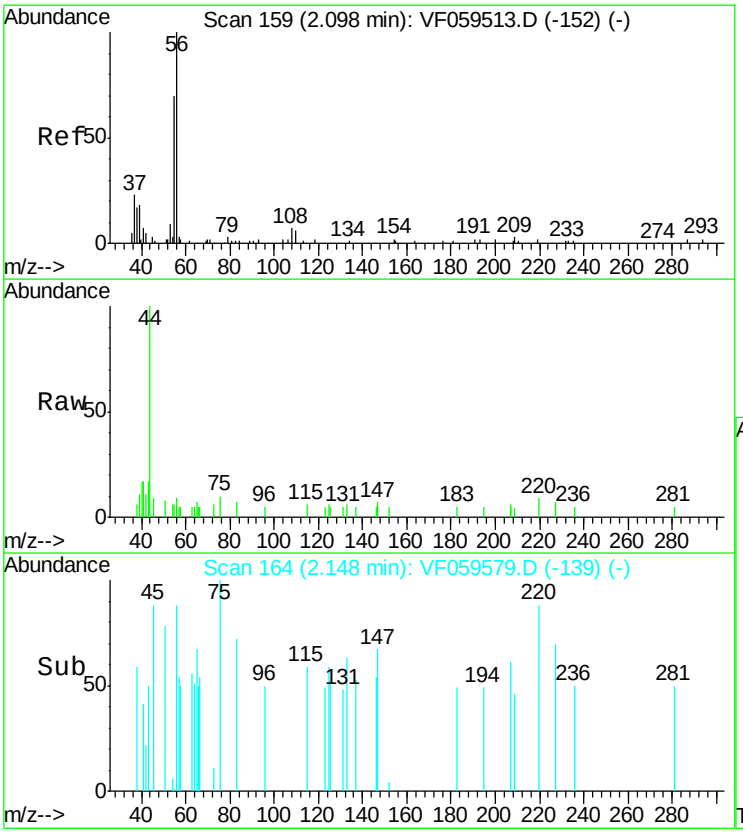
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.68 min Scan# 218
Delta R.T. -0.01 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 67

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#

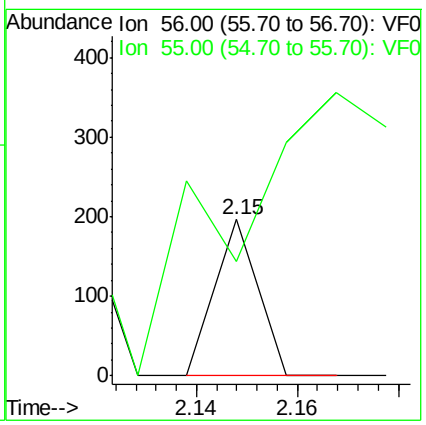


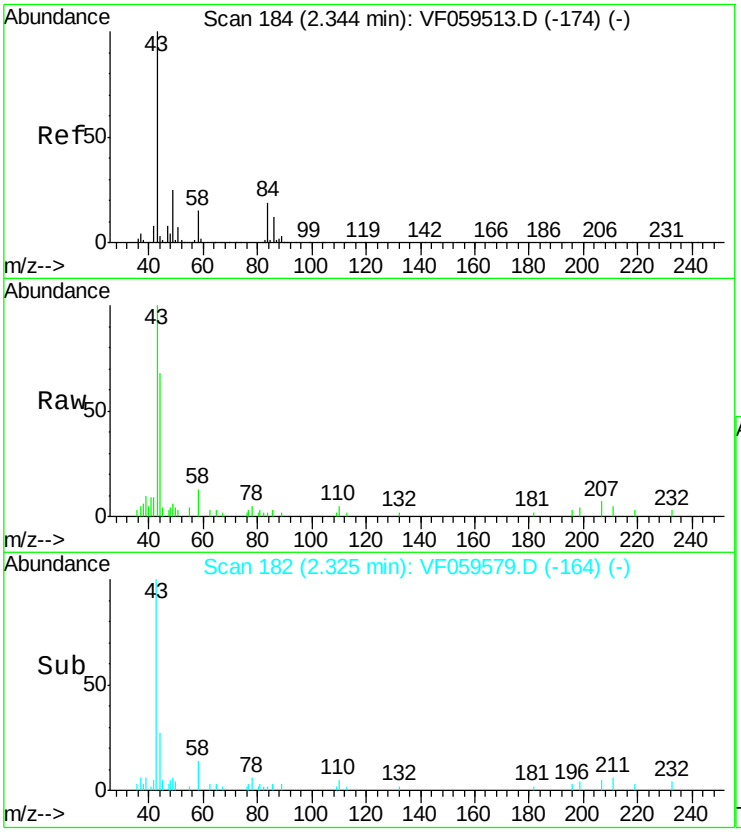


#13
Acrolein
Concen: Below Cal
RT: 2.15 min Scan# 164
Delta R.T. 0.05 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Tgt Ion: 56 Resp: 116

Ion	Ratio	Lower	Upper
56	100		
55	73.5	59.4	89.2



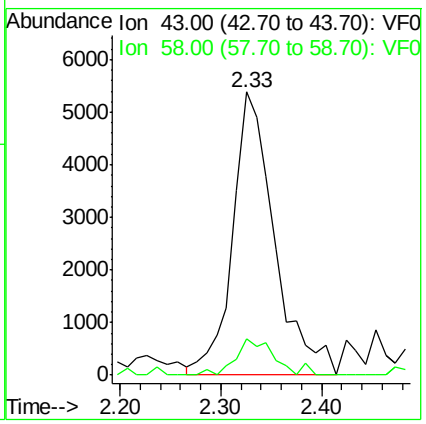


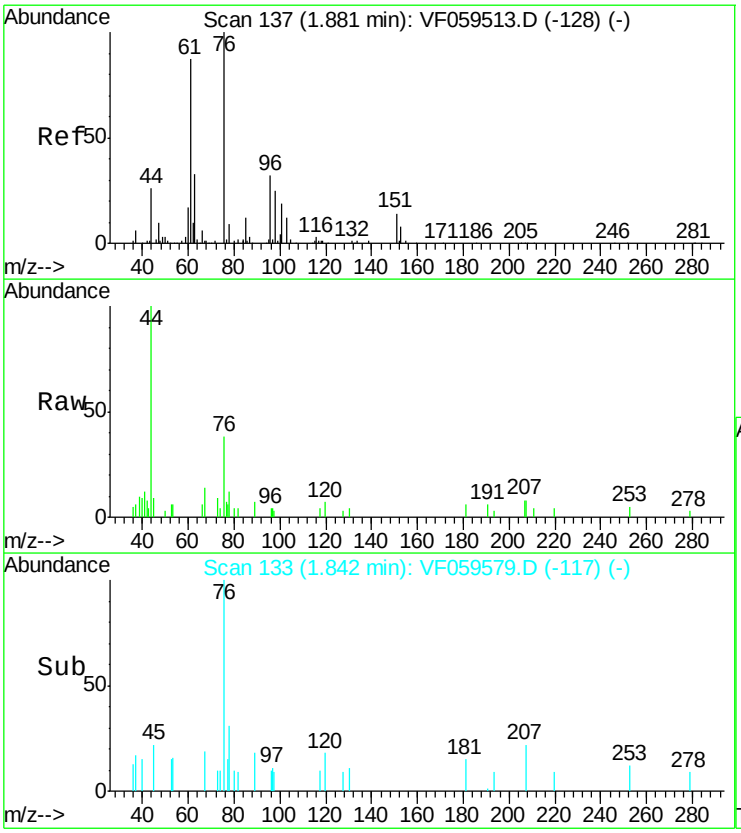
#16
Acetone
Concen: 56.367 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.02 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 15563

Ion	Ratio	Lower	Upper
43	100		
58	12.7	11.8	17.6

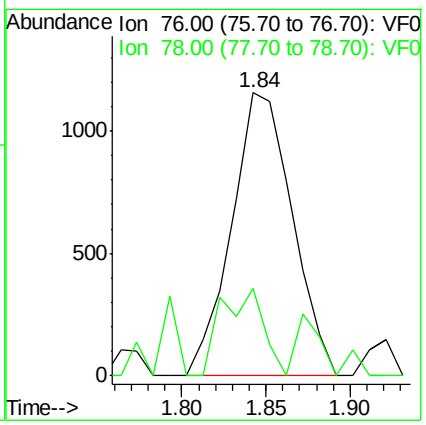


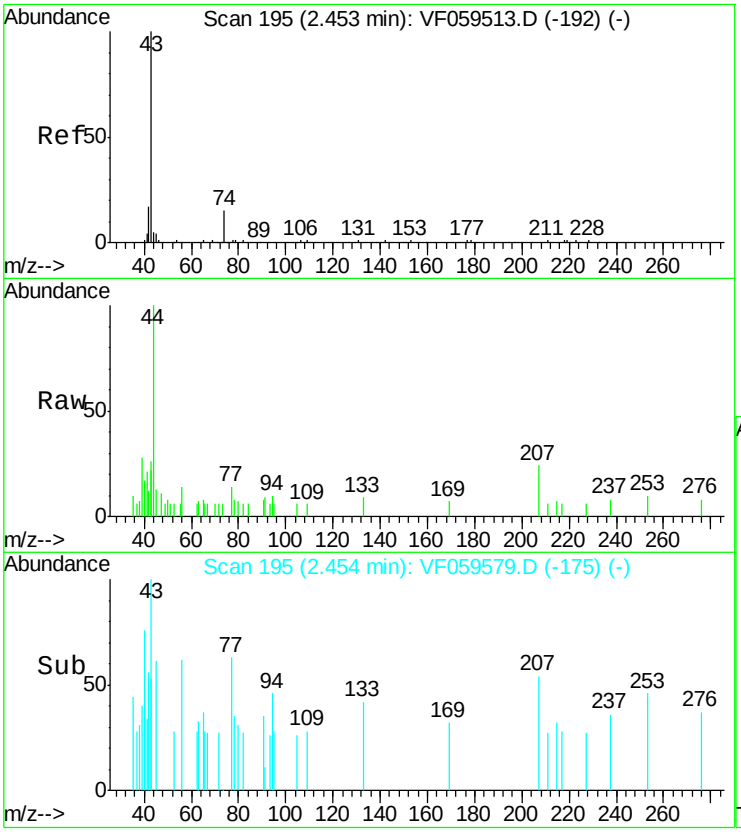


#17
Carbon Disulfide
Concen: 1.752 ug/l
RT: 1.84 min Scan# 133
Delta R.T. -0.04 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Tgt Ion: 76 Resp: 2893

Ion	Ratio	Lower	Upper
76	100		
78	31.1	7.8	11.6#



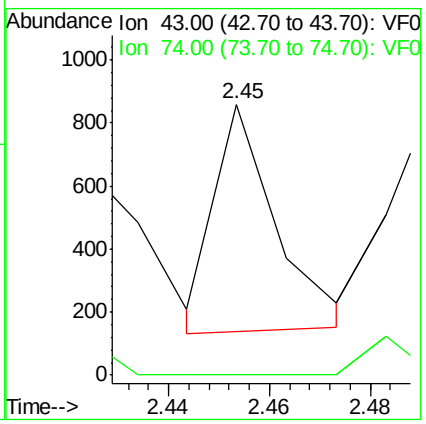


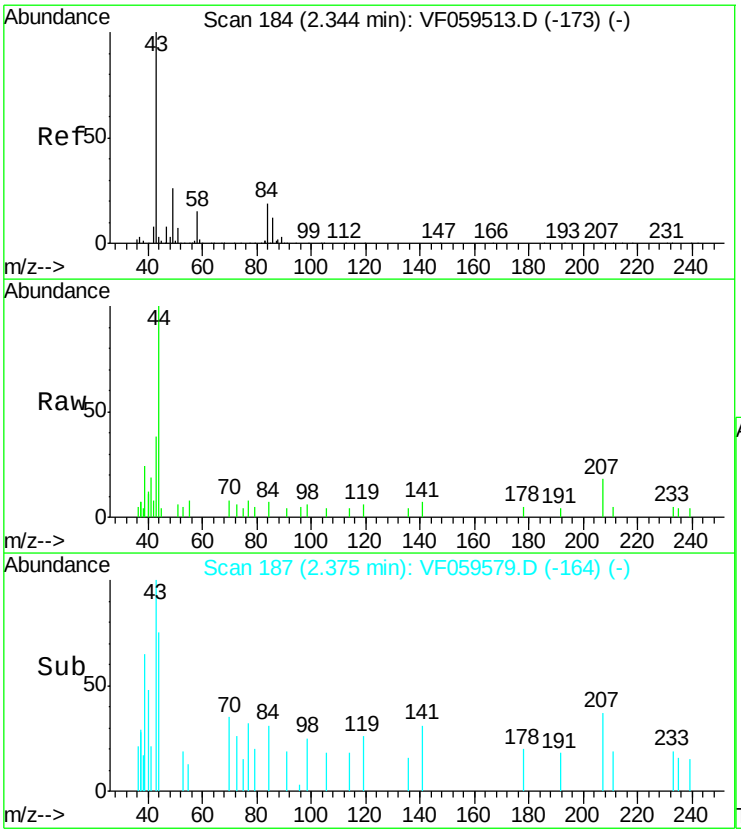
#18
Methyl Acetate
Concen: Below Cal
RT: 2.45 min Scan# 195
Delta R.T. 0.00 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 613

Ion	Ratio	Lower	Upper
43	100		
74	0.0	10.6	15.8#

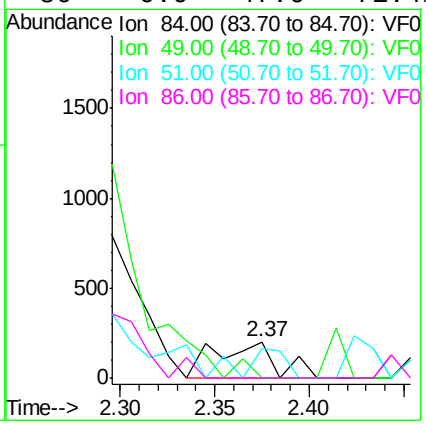


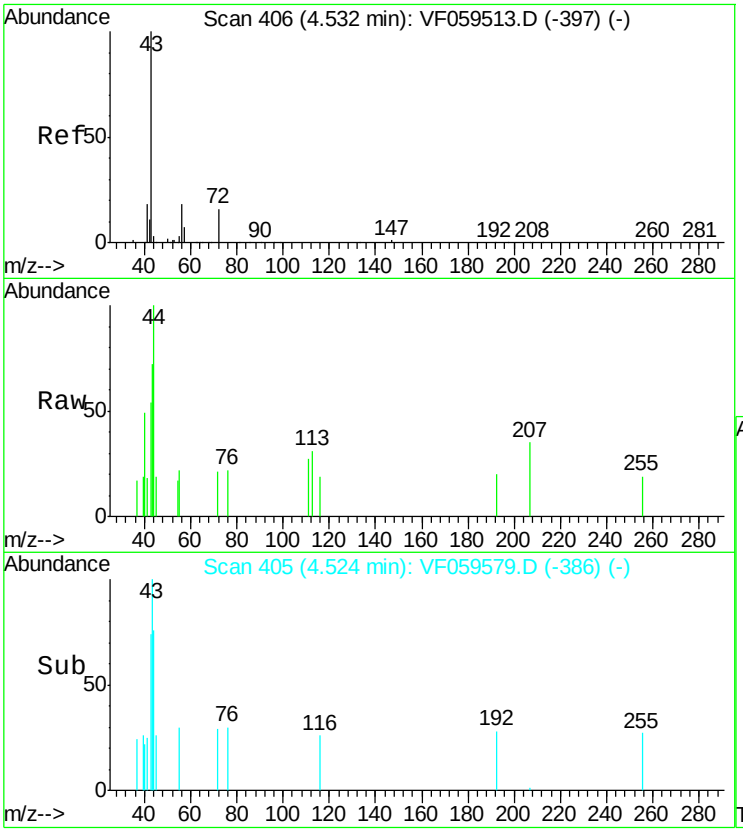


#20
Methylene Chloride
Concen: Below Cal
RT: 2.37 min Scan# 187
Delta R.T. 0.03 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Tgt Ion: 84 Resp: 457

Ion	Ratio	Lower	Upper
84	100		
49	0.0	109.4	164.2#
51	82.2	30.5	45.7#
86	0.0	47.6	71.4#



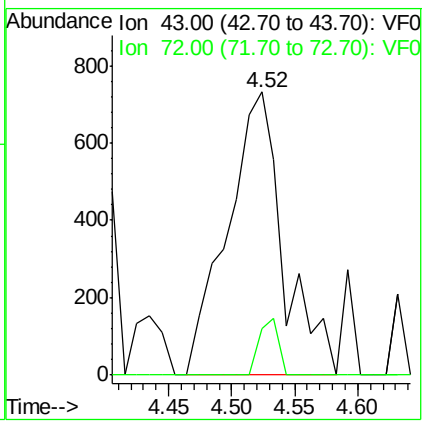


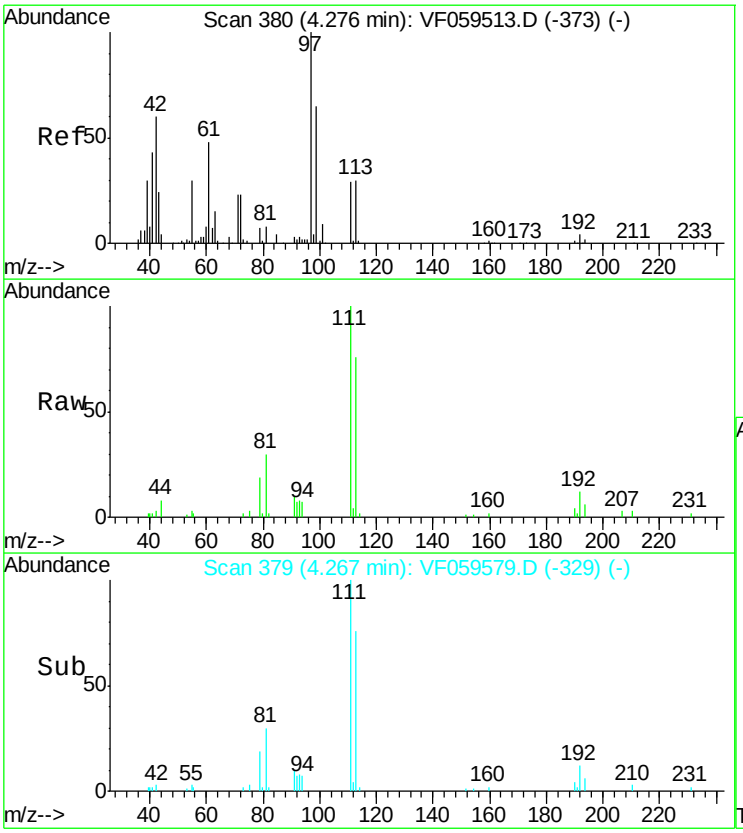
#25
2-Butanone
Concen: 7.273 ug/l
RT: 4.52 min Scan# 405
Delta R.T. -0.01 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2264

Ion	Ratio	Lower	Upper
43	100		
72	16.4	14.2	21.4

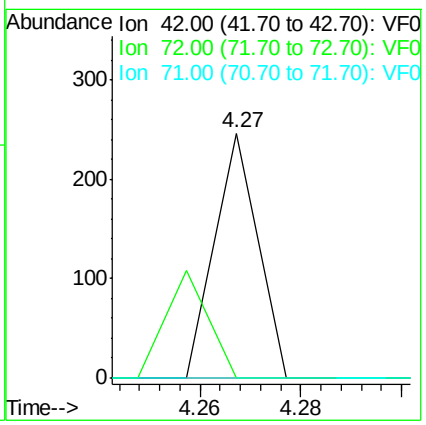


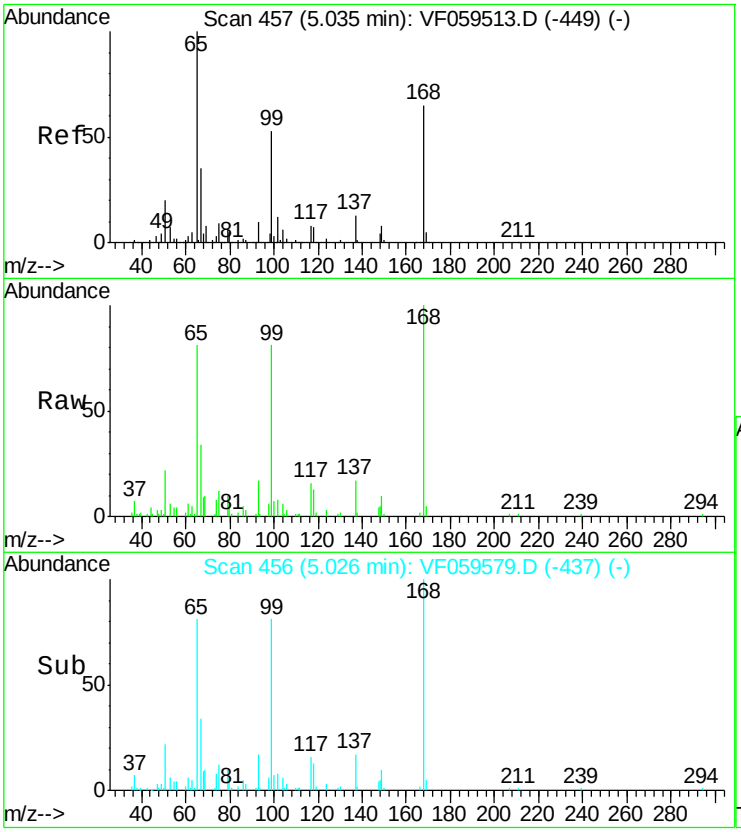


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.27 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Tgt Ion: 42 Resp: 146

Ion	Ratio	Lower	Upper
42	100		
72	43.8	28.7	43.1#
71	0.0	30.8	46.2#



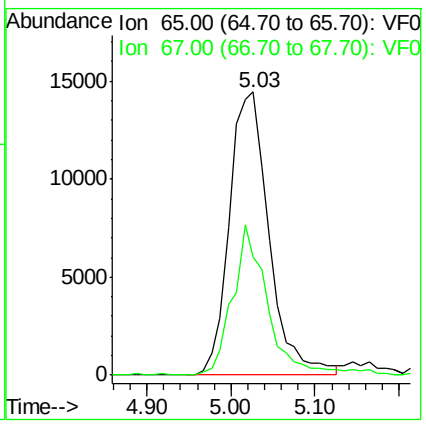


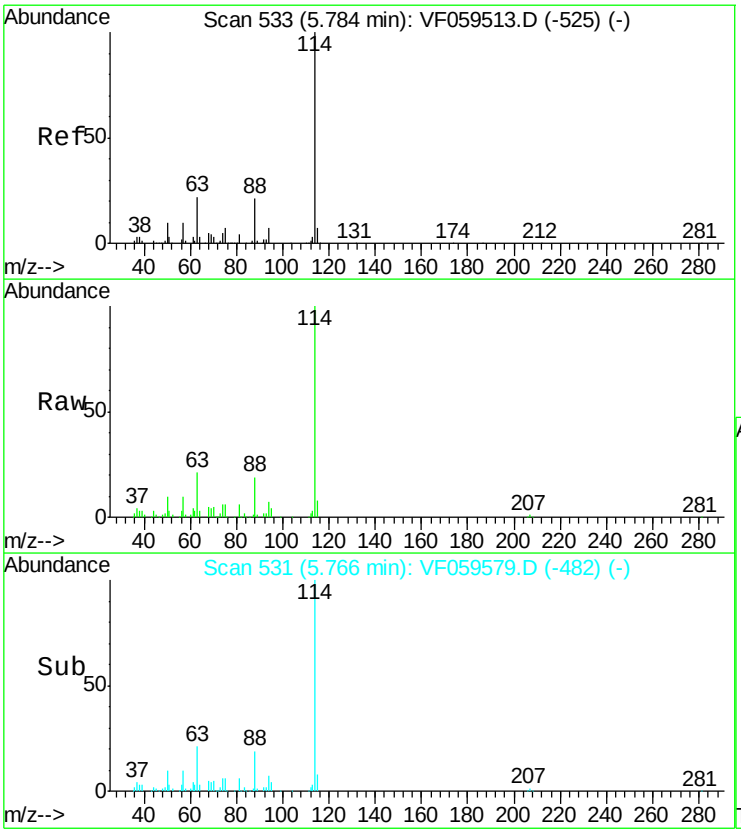
#33
1,2-Dichloroethane-d4
Concen: 35.332 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.01 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 47372

Ion	Ratio	Lower	Upper
65	100		
67	41.7	0.0	91.2

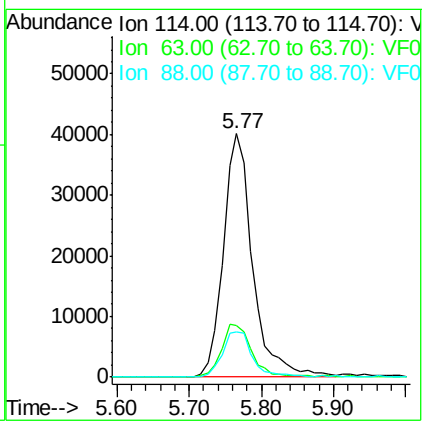


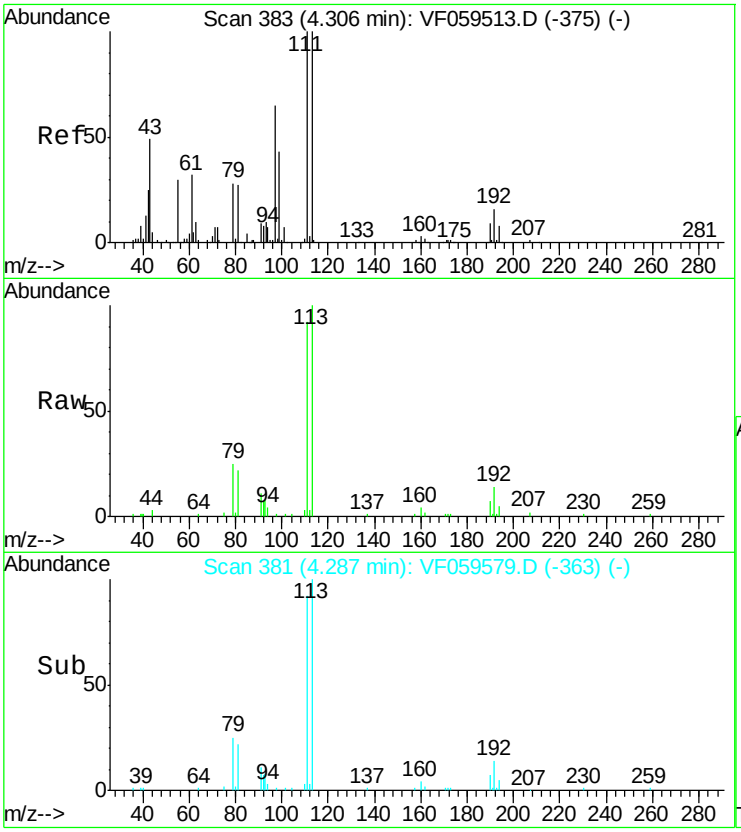


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 531
Delta R.T. -0.02 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Tgt Ion:114 Resp: 113158

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.8
88	18.5	0.0	42.6



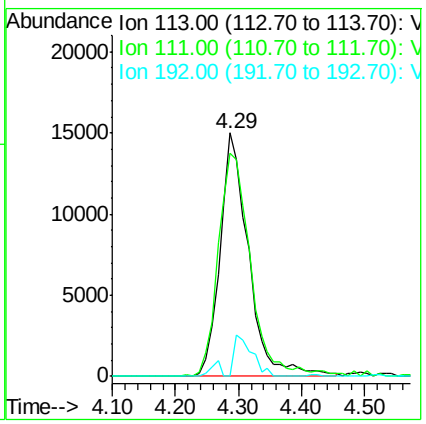


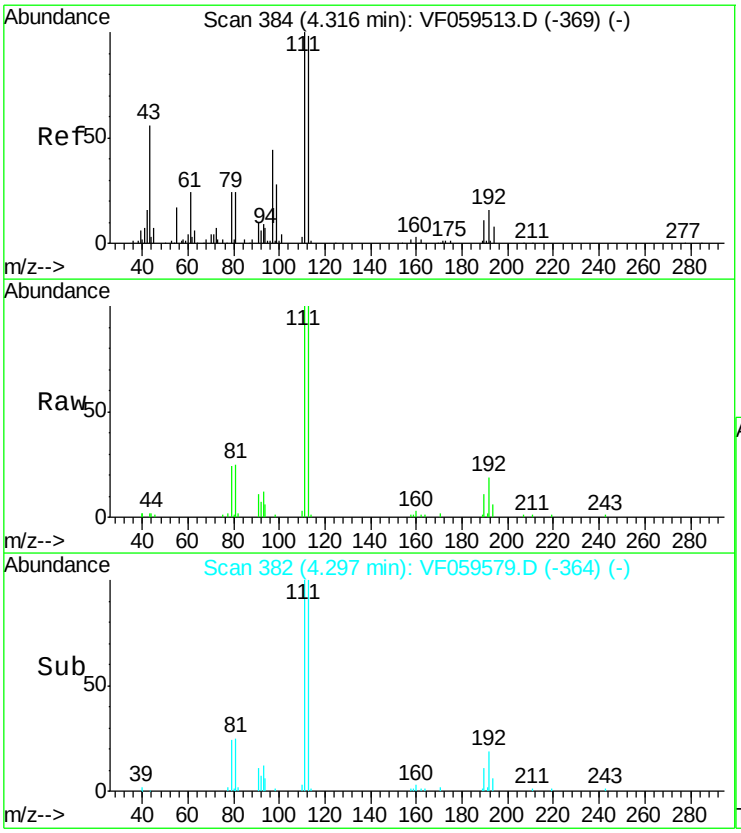
#35
Dibromofluoromethane
Concen: 47.840 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.02 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 46885

Ion	Ratio	Lower	Upper
113	100		
111	91.7	80.3	120.5
192	0.0	13.1	19.7#

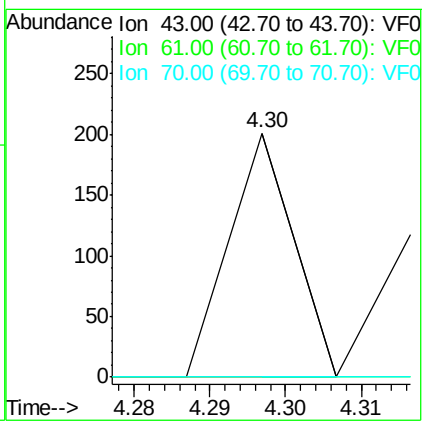


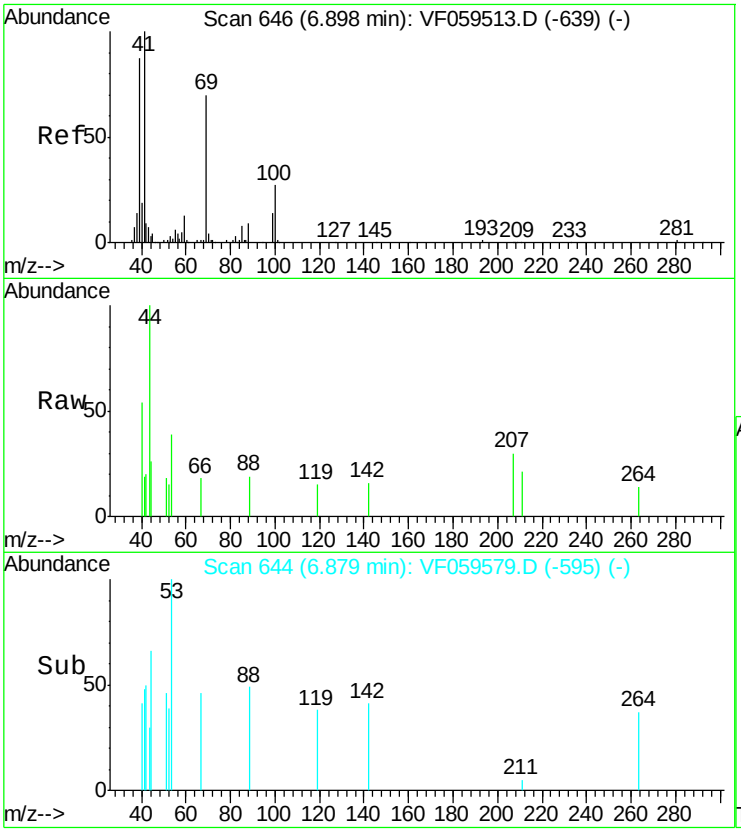


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.30 min Scan# 382
Delta R.T. -0.02 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Tgt Ion: 43 Resp: 119

Ion	Ratio	Lower	Upper
43	100		
61	0.0	33.7	50.5#
70	0.0	7.4	11.0#



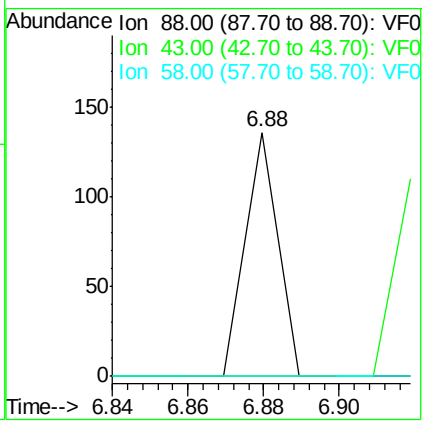


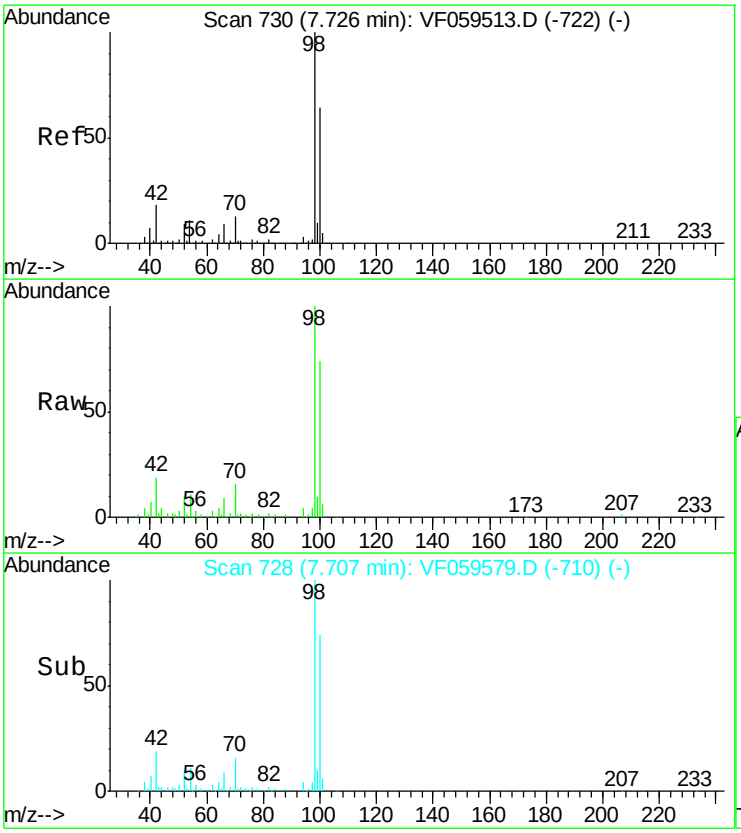
#49
1,4-Dioxane
Concen: 12.788 ug/l
RT: 6.88 min Scan# 644
Delta R.T. -0.02 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 80

Ion	Ratio	Lower	Upper
88	100		
43	0.0	64.8	97.2#
58	0.0	44.1	66.1#

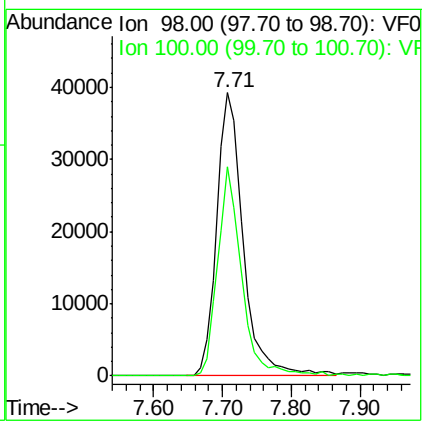


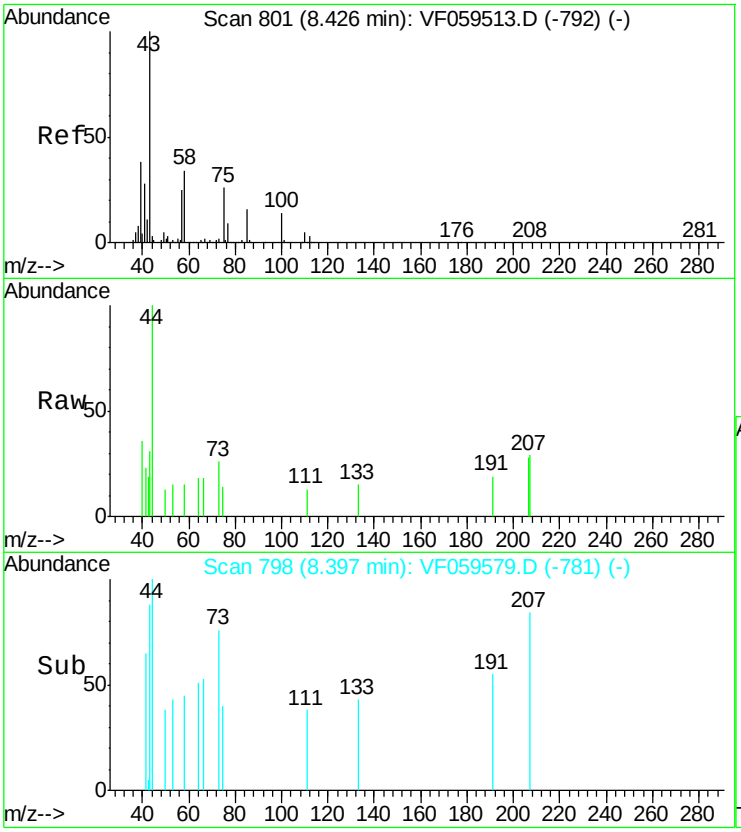


#50
Toluene-d8
Concen: 42.381 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.02 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Tgt Ion: 98 Resp: 104624

Ion	Ratio	Lower	Upper
98	100		
100	74.1	50.9	76.3



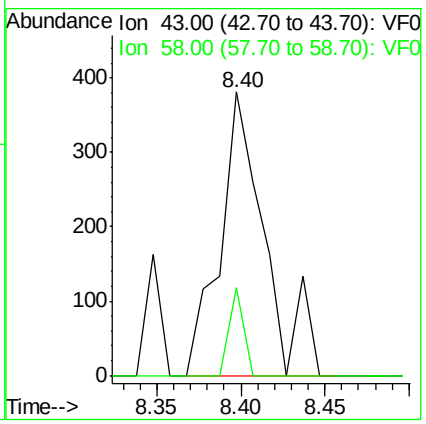


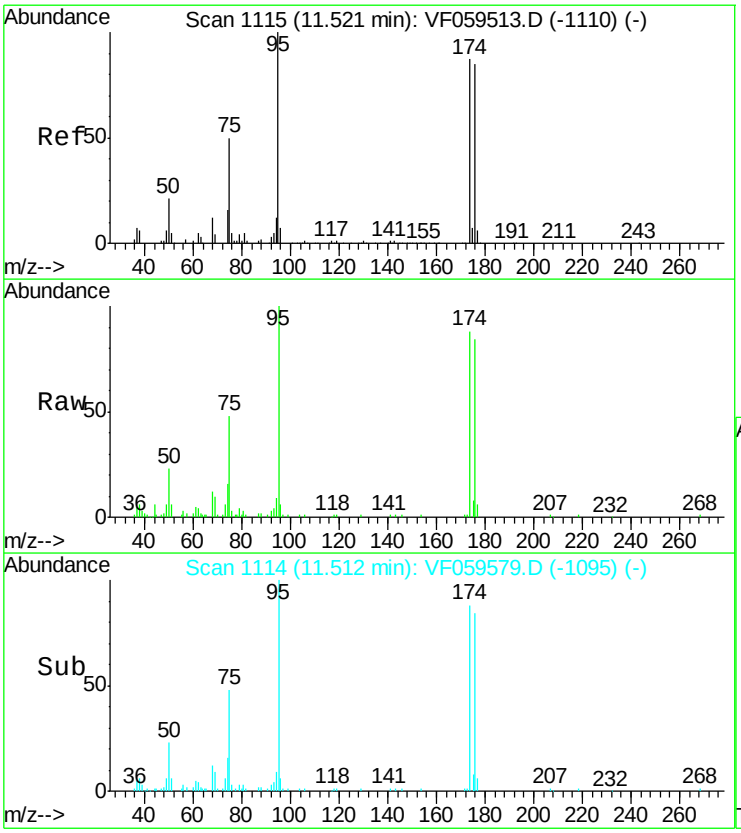
#51
4-Methyl-2-Pentanone
Concen: 1.217 ug/l
RT: 8.40 min Scan# 798
Delta R.T. -0.03 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 702

Ion	Ratio	Lower	Upper
43	100		
58	31.0	27.4	41.2

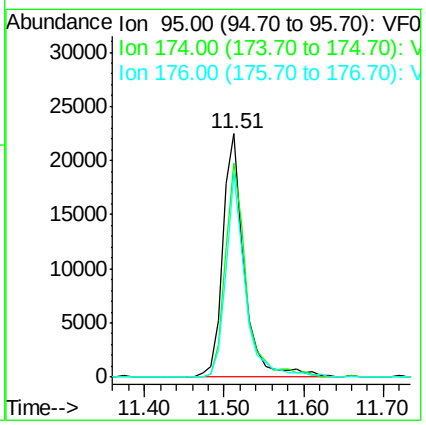


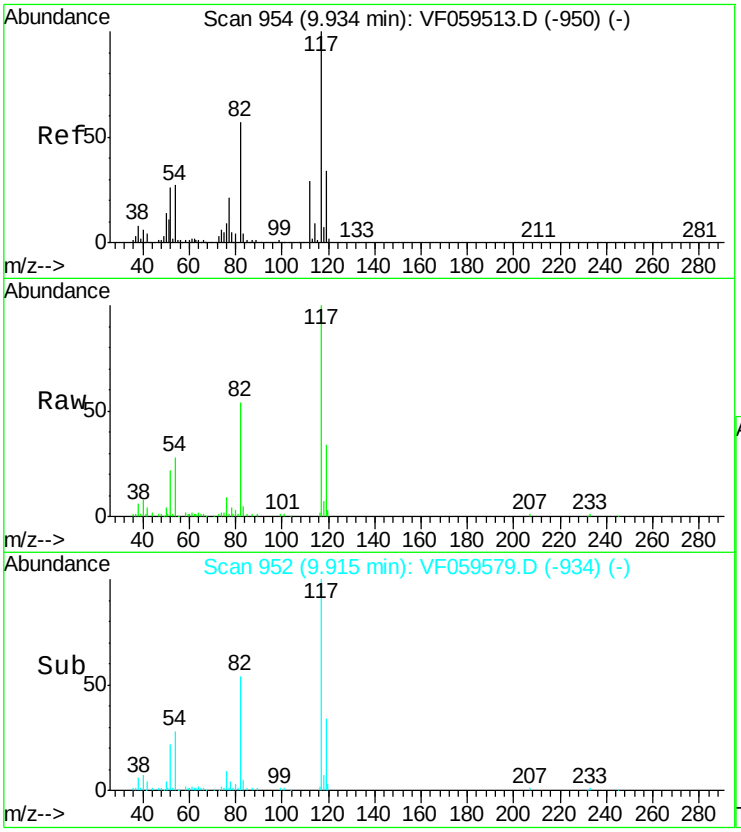


#62
4-Bromofluorobenzene
Concen: 32.956 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Tgt Ion: 95 Resp: 42680

Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	174.4
176	83.8	0.0	169.4



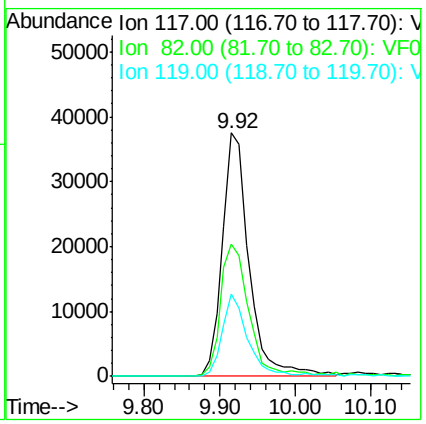


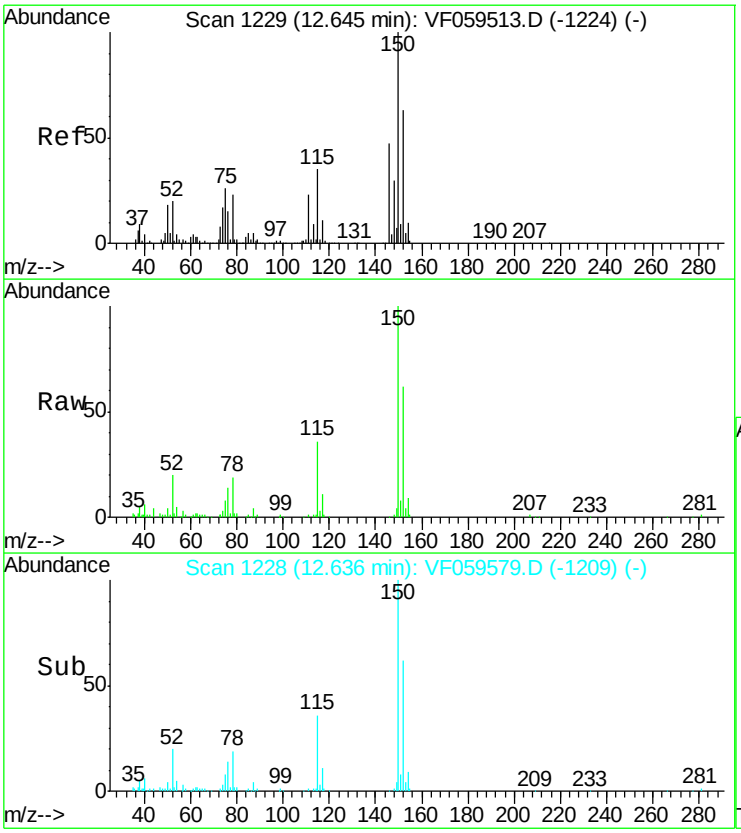
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 92148

Ion	Ratio	Lower	Upper
117	100		
82	54.3	46.1	69.1
119	34.0	27.2	40.8

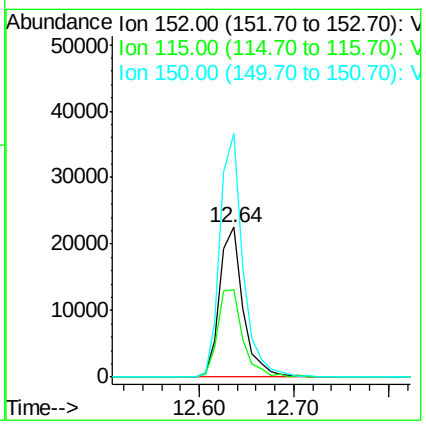


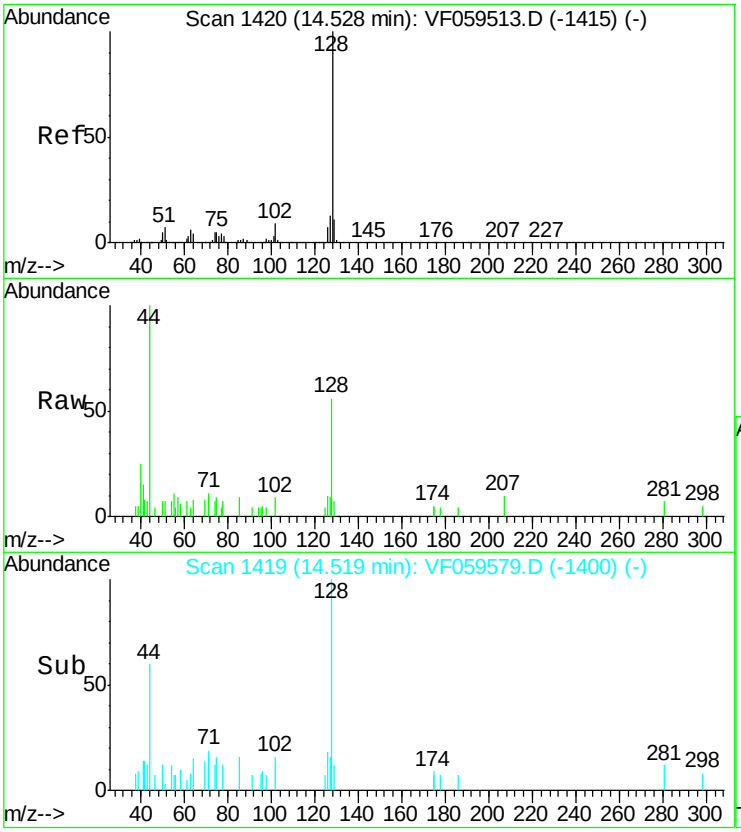


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Tgt Ion:152 Resp: 38804

Ion	Ratio	Lower	Upper
152	100		
115	58.0	27.8	83.3
150	162.6	0.0	318.4





#95
Naphthalene
Concen: 1.728 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.01 min
Lab File: VF059579.D
Acq: 20 Jul 2018 2:25

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 2456

Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.2	15.2#
129	11.6	9.0	13.4