Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070518\
Data File : VF059444.D
Acq On : 5 Jul 2018 19:55
Operator : VA/AP
Sample : J3856-01
Misc : 5.52g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jul 06 02:06:36 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	213655	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.74	114	323070	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	326814	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	203953	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	173223	62.75	ug/l	-0.02
Spiked Amount 50.000			Recovery = 125.50%			
35) Dibromofluoromethane	4.26	113	147163	62.34	ug/l	-0.02
Spiked Amount 50.000			Recovery = 124.68%			
50) Toluene-d8	7.68	98	304051	52.02	ug/l	-0.02
Spiked Amount 50.000			Recovery = 104.04%			
62) 4-Bromofluorobenzene	11.48	95	184606	55.99	ug/l	-0.02
Spiked Amount 50.000			Recovery = 111.98%			
Target Compounds						Qvalue
5) Bromomethane	1.33	94	405	Below Cal	#	55
11) Tert butyl alcohol	2.66	59	690	3.755 ug/l	#	20
13) Acrolein	2.02	56	216	Below Cal		96
15) Acrylonitrile	3.05	53	478	1.477 ug/l	#	44
16) Acetone	2.33	43	75751	103.920 ug/l		94
18) Methyl Acetate	2.33	43	68551	55.141 ug/l	#	62
20) Methylene Chloride	2.26	84	2398	Below Cal		93
25) 2-Butanone	4.51	43	721	Below Cal	#	59
29) Tetrahydrofuran	4.24	42	1037	Below Cal	#	85
37) Ethyl Acetate	4.31	43	72	Below Cal	#	26
39) Methylcyclohexane	5.74	83	4780	1.911 ug/l	#	46
49) 1,4-Dioxane	6.82	88	90	Below Cal	#	52
59) 2-Hexanone	9.61	43	520	Below Cal	#	30
87) 1,3-Dichlorobenzene	12.53	146	307	Below Cal	#	62

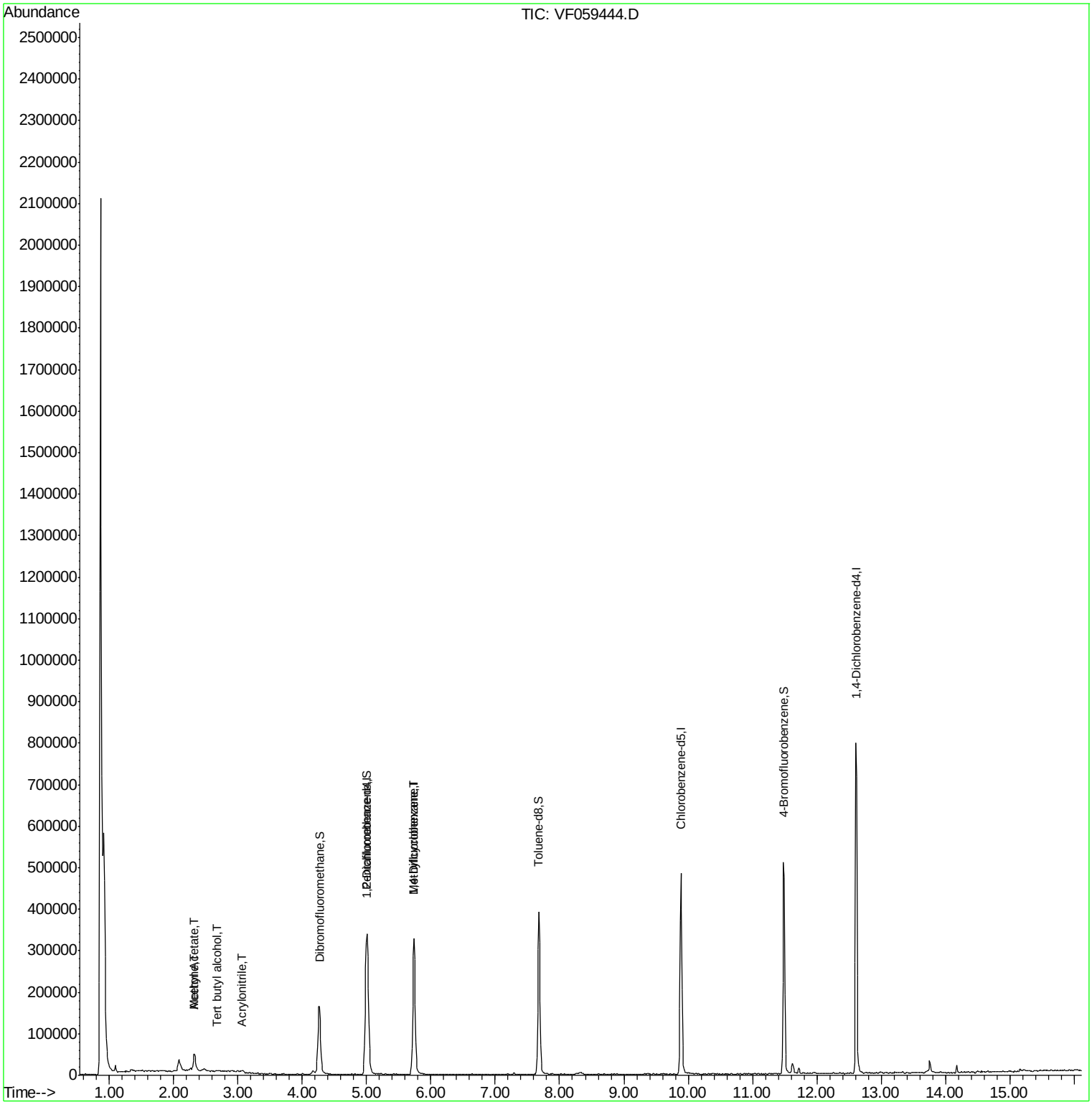
(#) = qualifier out of range (m) = manual integration (+) = signals summed

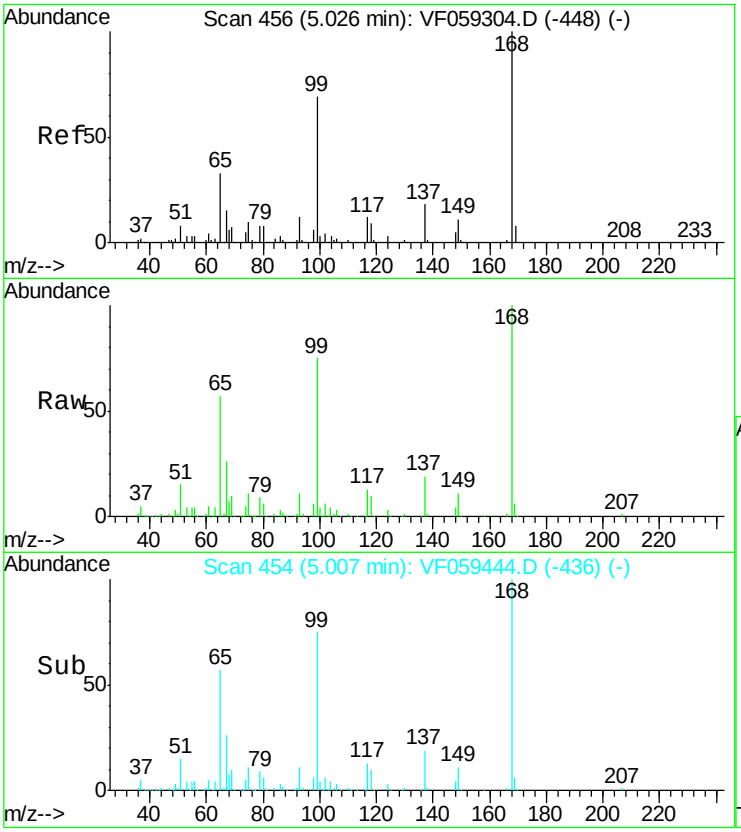
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070518\
Data File : VF059444.D
Acq On : 5 Jul 2018 19:55
Operator : VA/AP
Sample : J3856-01
Misc : 5.52g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jul 06 02:06:36 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



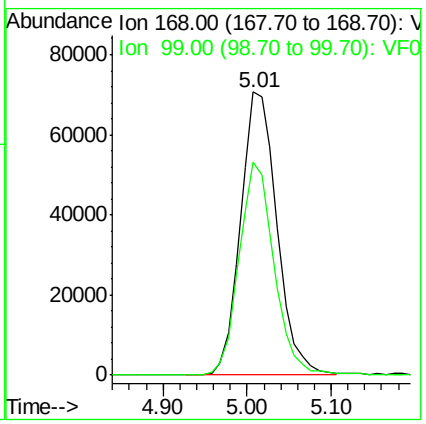


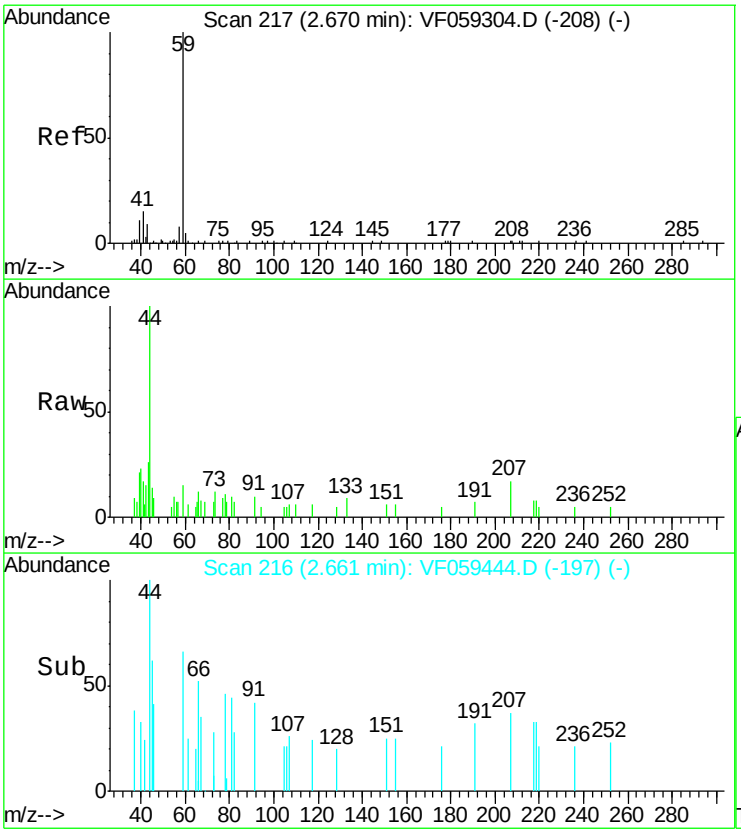
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.02 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 213655

Ion	Ratio	Lower	Upper
168	100		
99	75.1	54.9	82.3

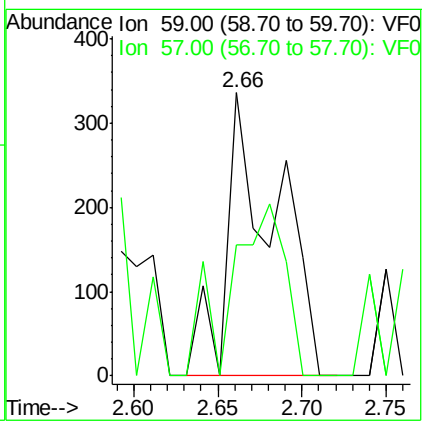


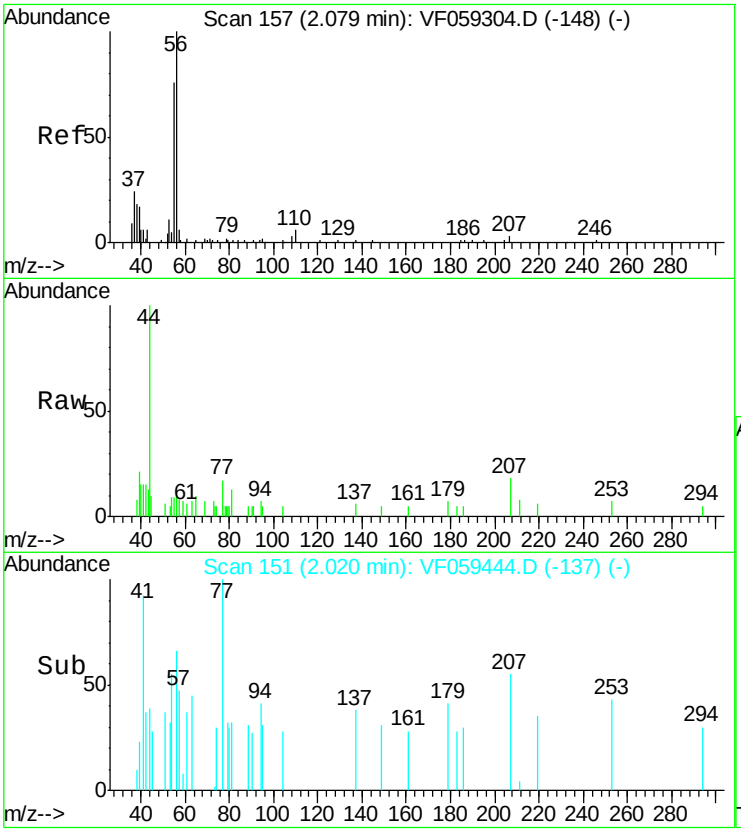


#11
Tert butyl alcohol
Concen: 3.755 ug/l
RT: 2.66 min Scan# 216
Delta R.T. -0.01 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Tgt Ion: 59 Resp: 690

Ion	Ratio	Lower	Upper
59	100		
57	46.1	11.0	16.4#



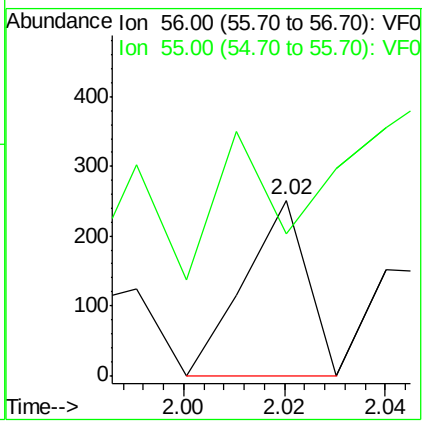


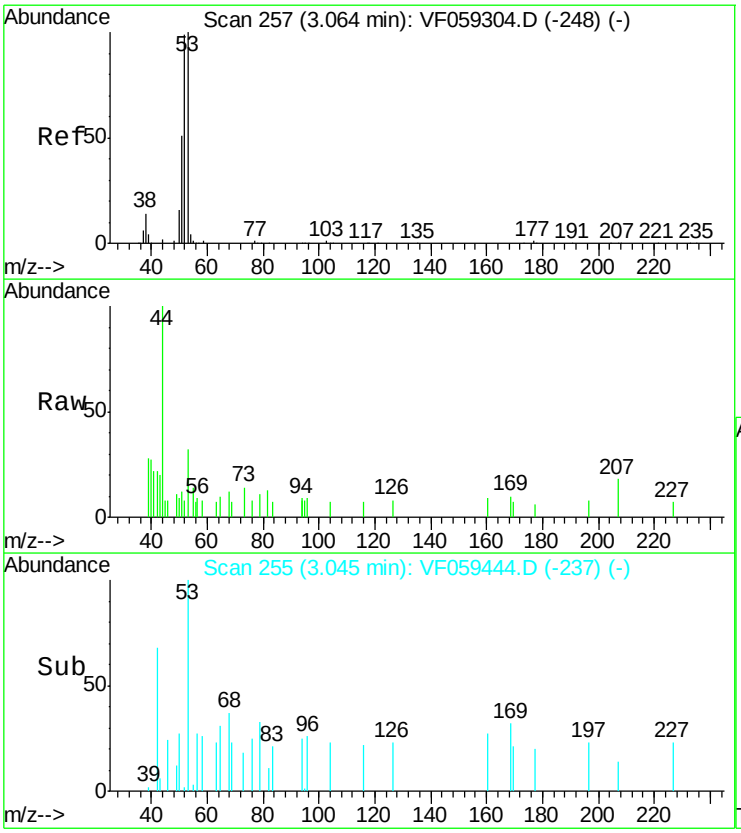
#13
Acrolein
Concen: Below Cal
RT: 2.02 min Scan# 151
Delta R.T. -0.06 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 216

Ion	Ratio	Lower	Upper
56	100		
55	81.3	62.4	93.6

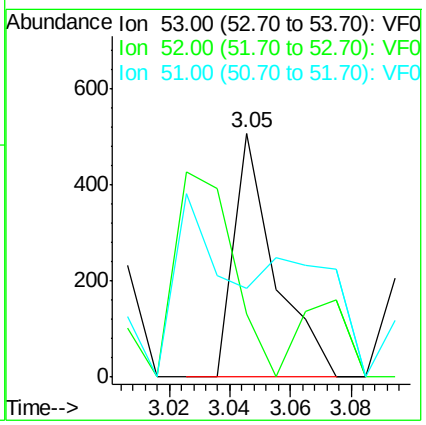


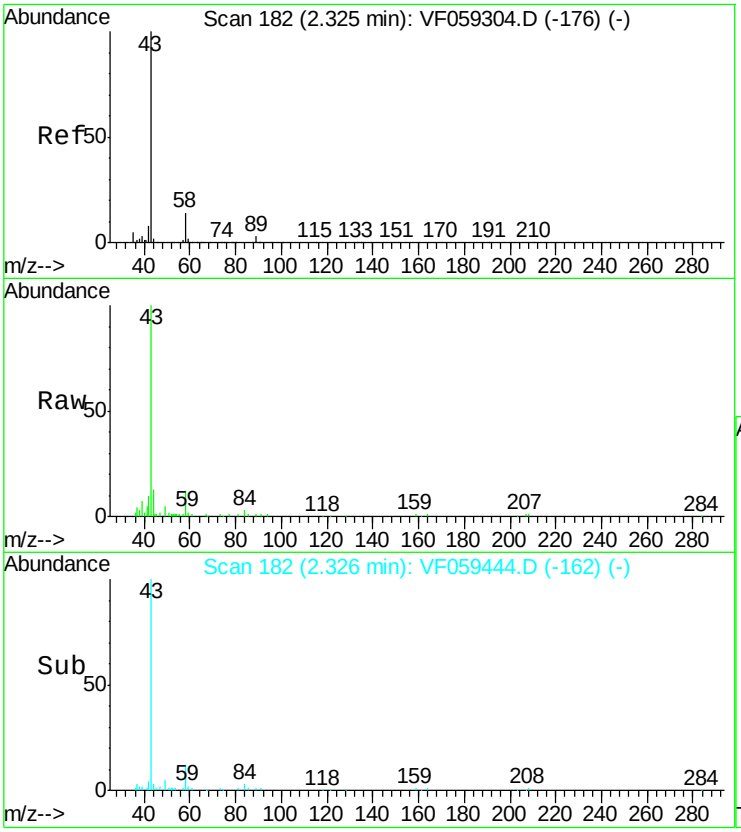


#15
Acrylonitrile
Concen: 1.477 ug/l
RT: 3.05 min Scan# 255
Delta R.T. -0.02 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Tgt Ion: 53 Resp: 478

Ion	Ratio	Lower	Upper
53	100		
52	25.7	79.2	118.8#
51	36.6	40.9	61.3#



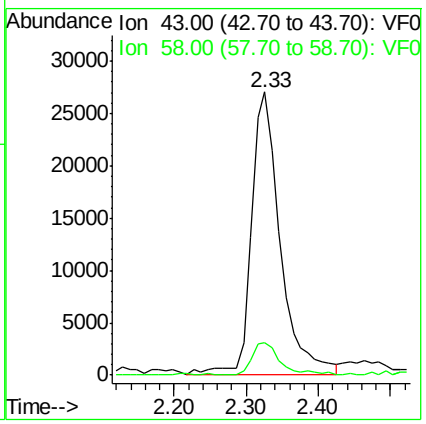


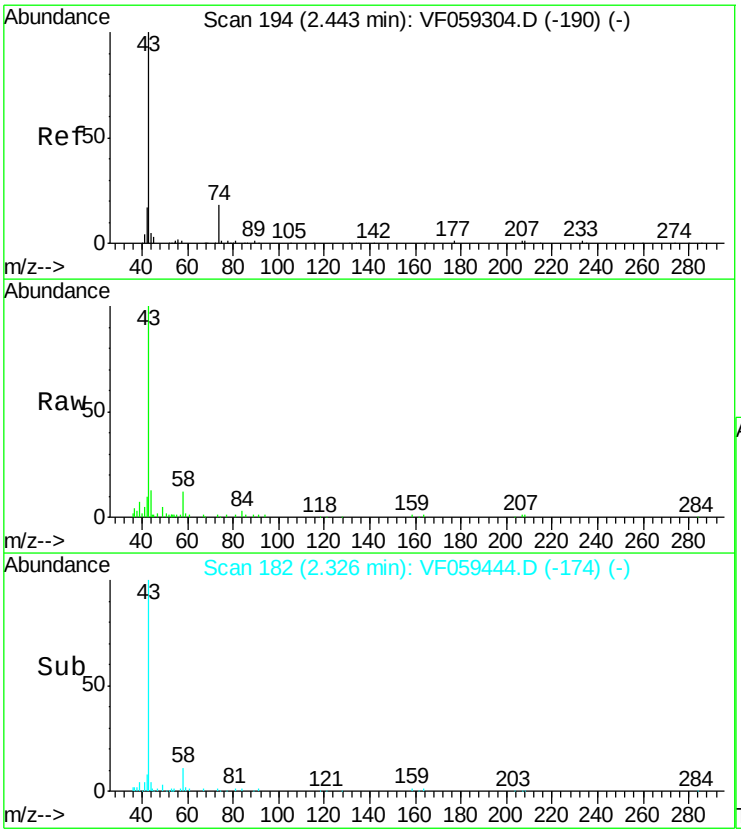
#16
Acetone
Concen: 103.920 ug/l
RT: 2.33 min Scan# 182
Delta R.T. 0.00 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 75751

Ion	Ratio	Lower	Upper
43	100		
58	11.6	11.4	17.0

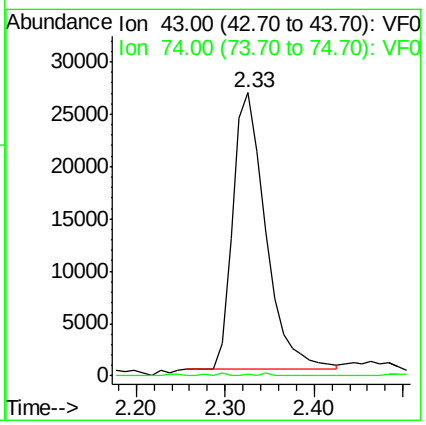


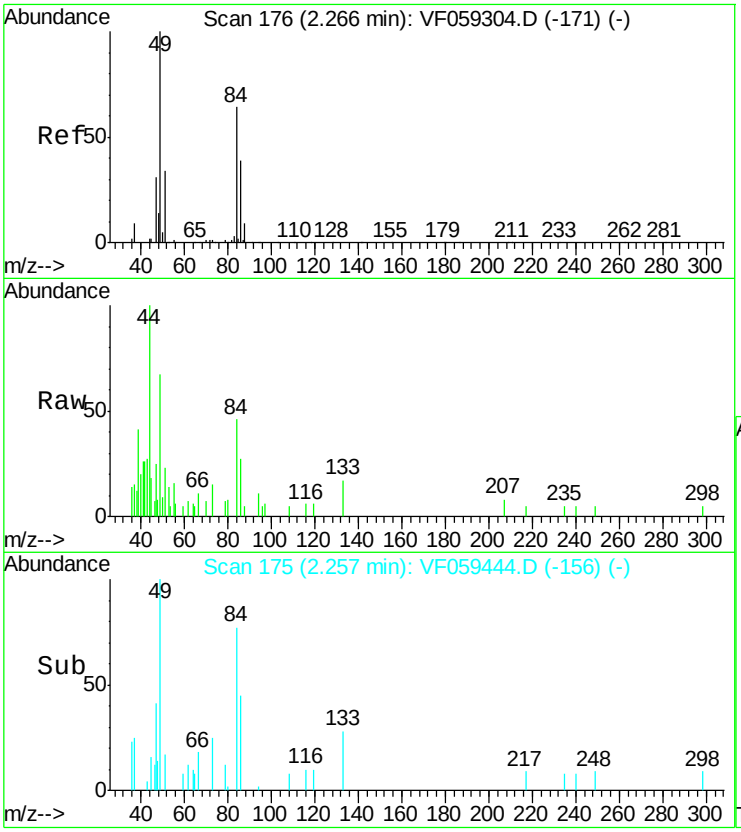


#18
Methyl Acetate
Concen: 55.141 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.12 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Tgt Ion: 43 Resp: 68551

Ion	Ratio	Lower	Upper
43	100		
74	0.5	13.3	19.9#



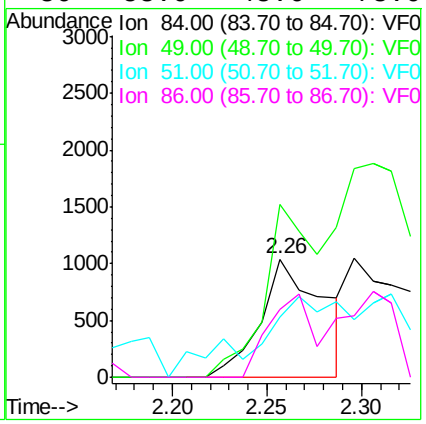


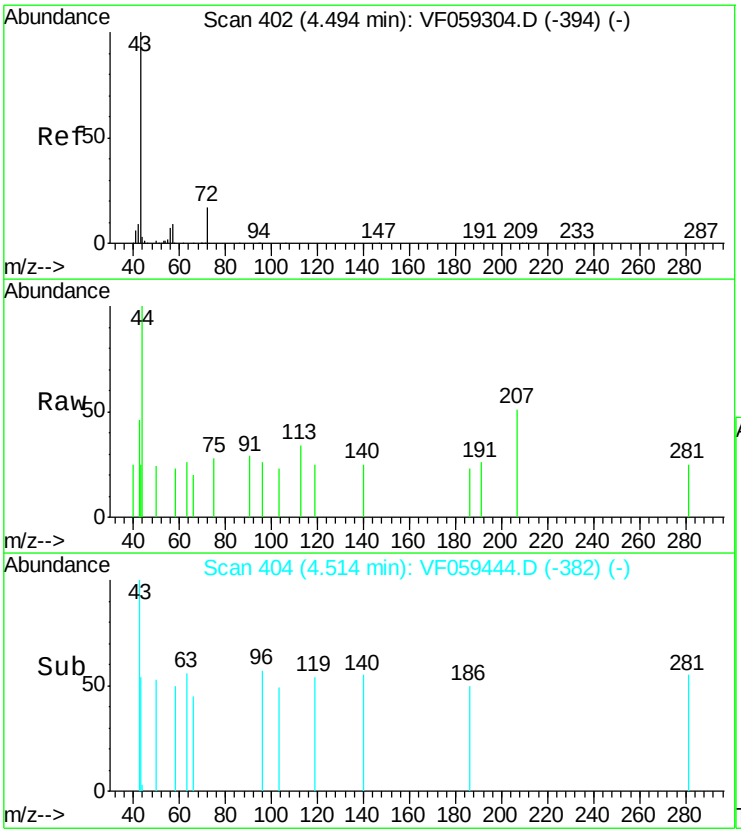
#20
Methylene Chloride
Concen: Below Cal
RT: 2.26 min Scan# 175
Delta R.T. -0.01 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 2398

Ion	Ratio	Lower	Upper
84	100		
49	145.9	126.5	189.7
51	51.0	42.9	64.3
86	58.0	48.6	73.0

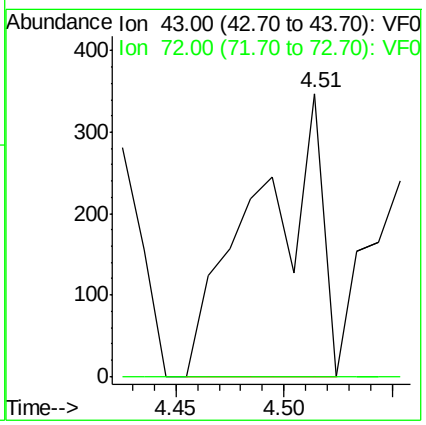


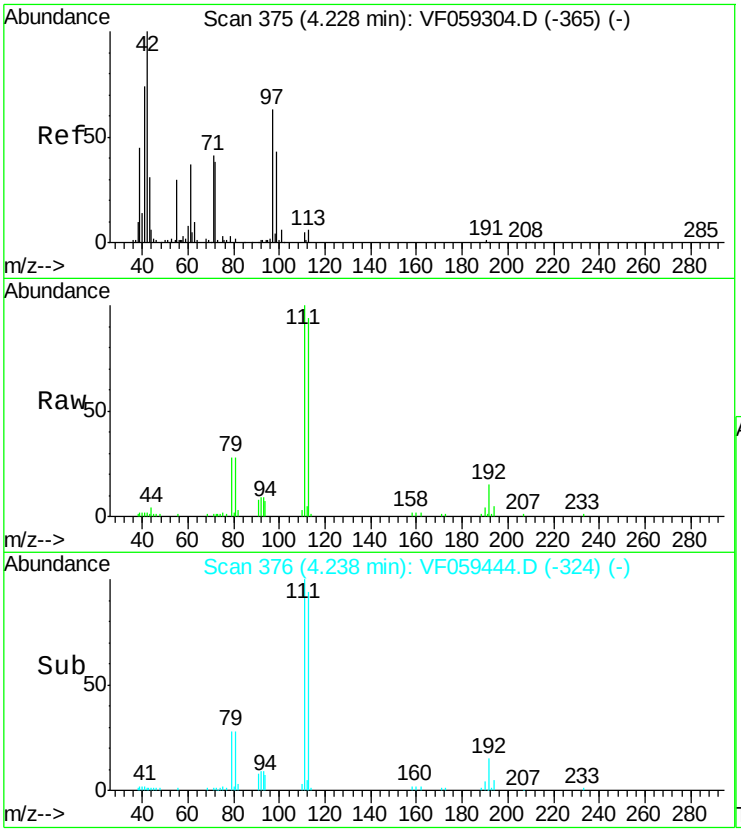


#25
2-Butanone
Concen: Below Cal
RT: 4.51 min Scan# 404
Delta R.T. 0.02 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Tgt Ion: 43 Resp: 721

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	21.6#



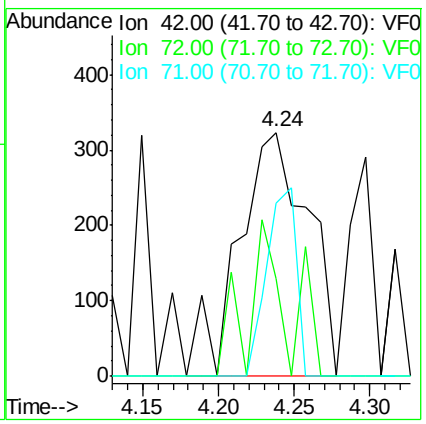


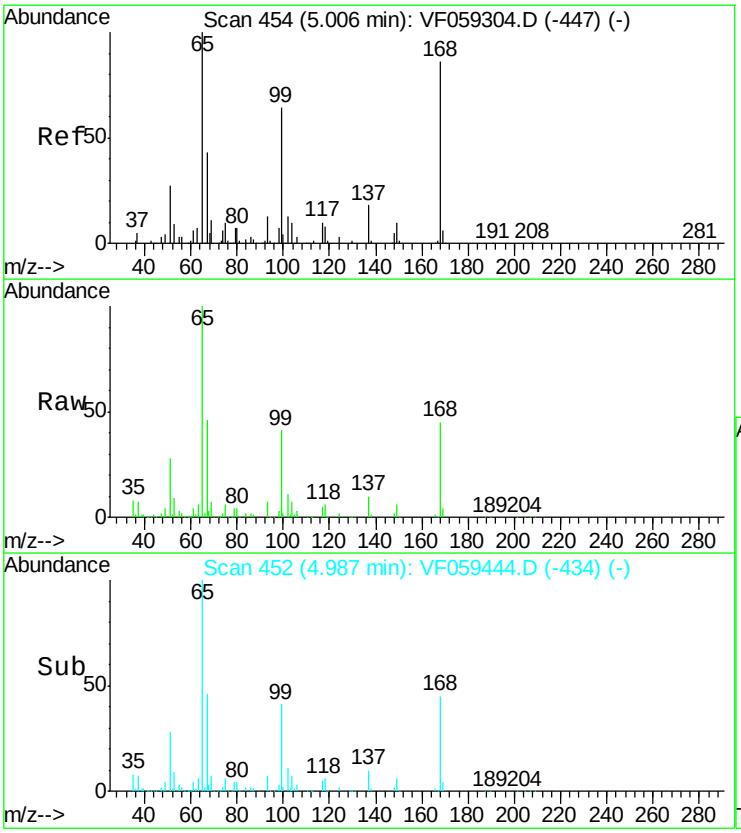
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.24 min Scan# 376
Delta R.T. 0.01 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 1037

Ion	Ratio	Lower	Upper
42	100		
72	27.2	30.5	45.7#
71	33.3	32.5	48.7

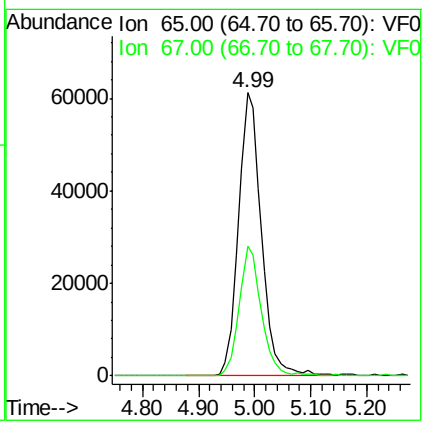


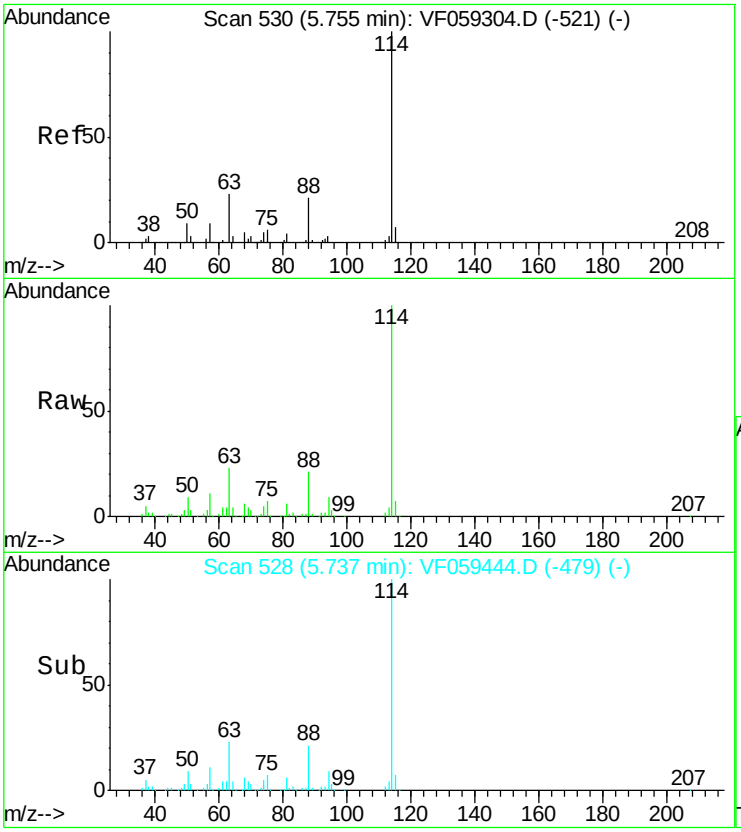


#33
1,2-Dichloroethane-d4
Concen: 62.753 ug/l
RT: 4.99 min Scan# 452
Delta R.T. -0.02 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Tgt Ion: 65 Resp: 173223

Ion	Ratio	Lower	Upper
65	100		
67	45.7	0.0	96.8



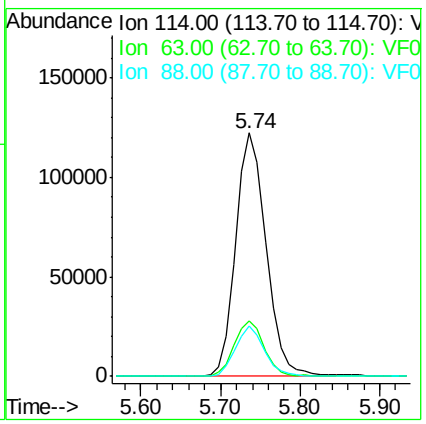


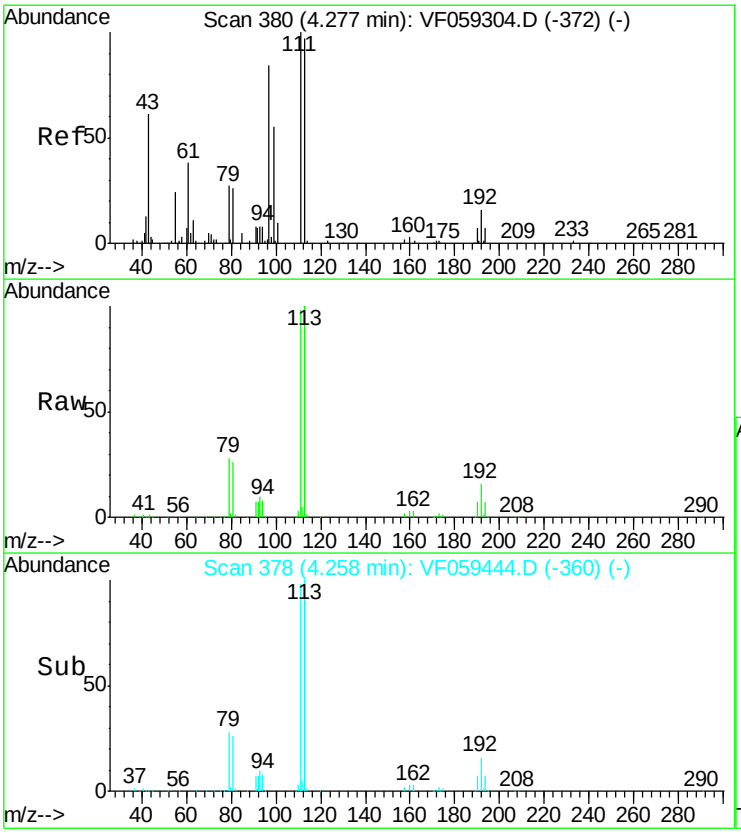
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.74 min Scan# 528
Delta R.T. -0.02 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 323070

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.8
88	20.8	0.0	41.2

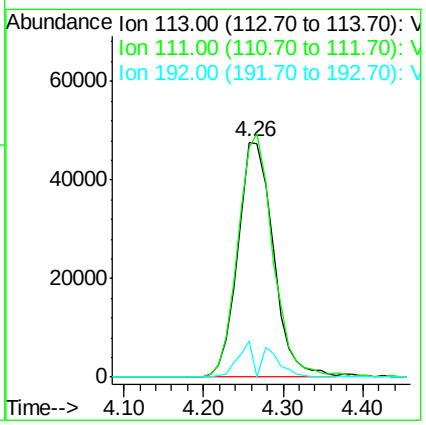


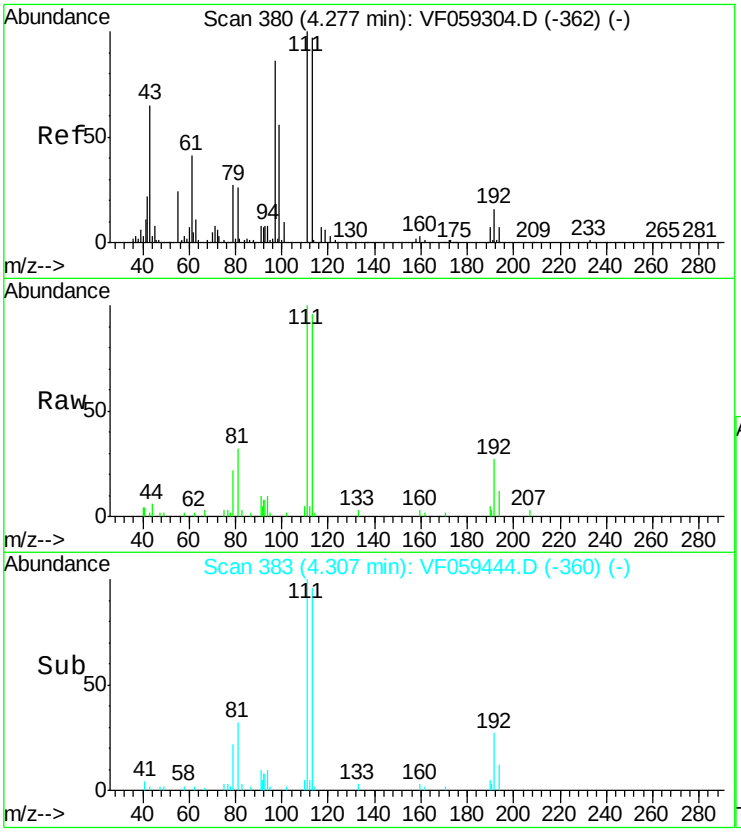


#35
Dibromofluoromethane
Concen: 62.342 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.02 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Tgt Ion:113 Resp: 147163

Ion	Ratio	Lower	Upper
113	100		
111	97.9	82.1	123.1
192	15.7	13.0	19.6



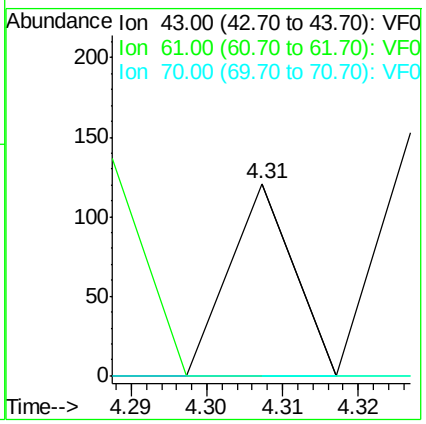


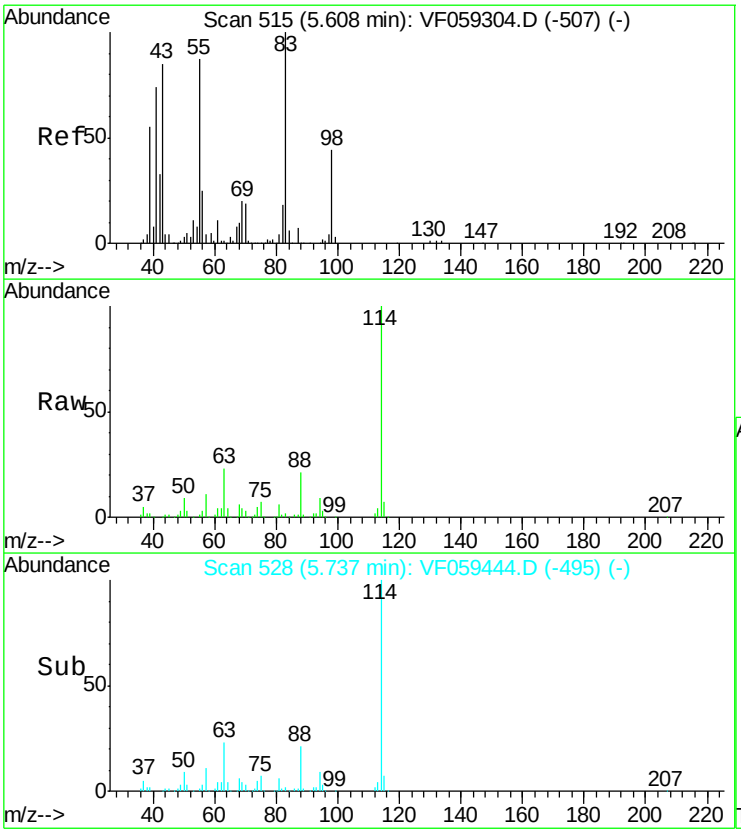
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.31 min Scan# 383
Delta R.T. 0.03 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 72

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

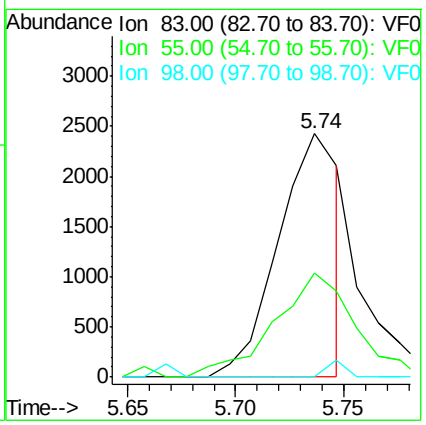


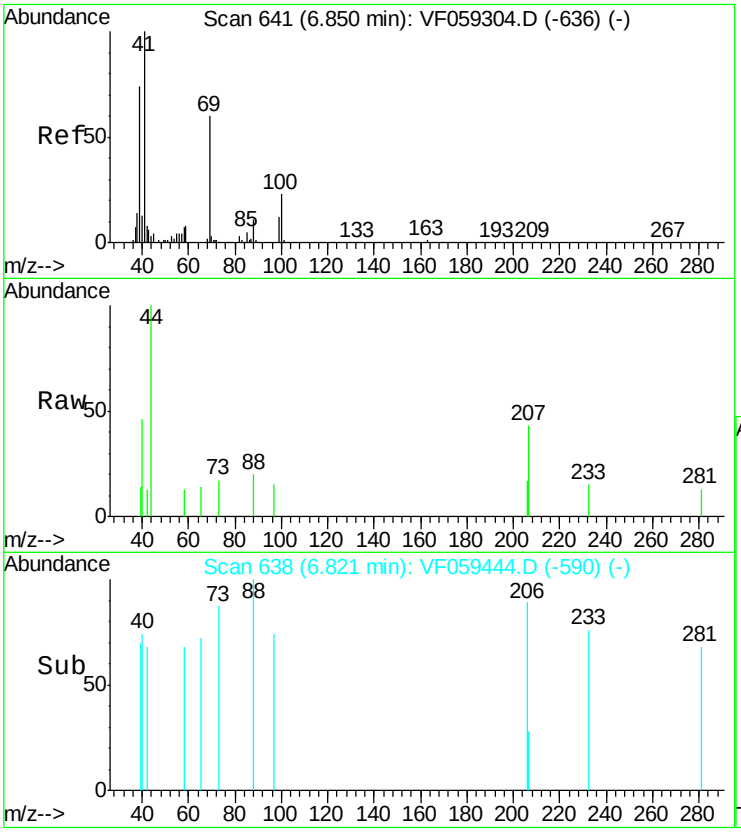


#39
Methylcyclohexane
Concen: 1.911 ug/l
RT: 5.74 min Scan# 528
Delta R.T. 0.13 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Tgt Ion: 83 Resp: 4780

Ion	Ratio	Lower	Upper
83	100		
55	42.9	69.2	103.8#
98	0.0	35.0	52.6#



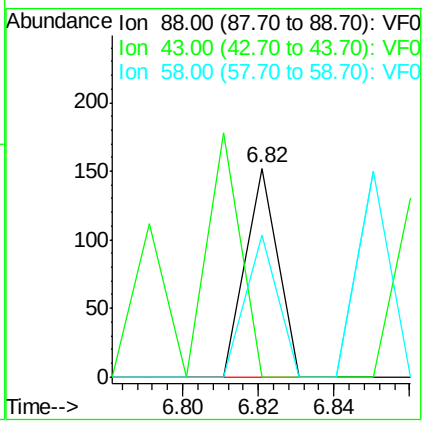


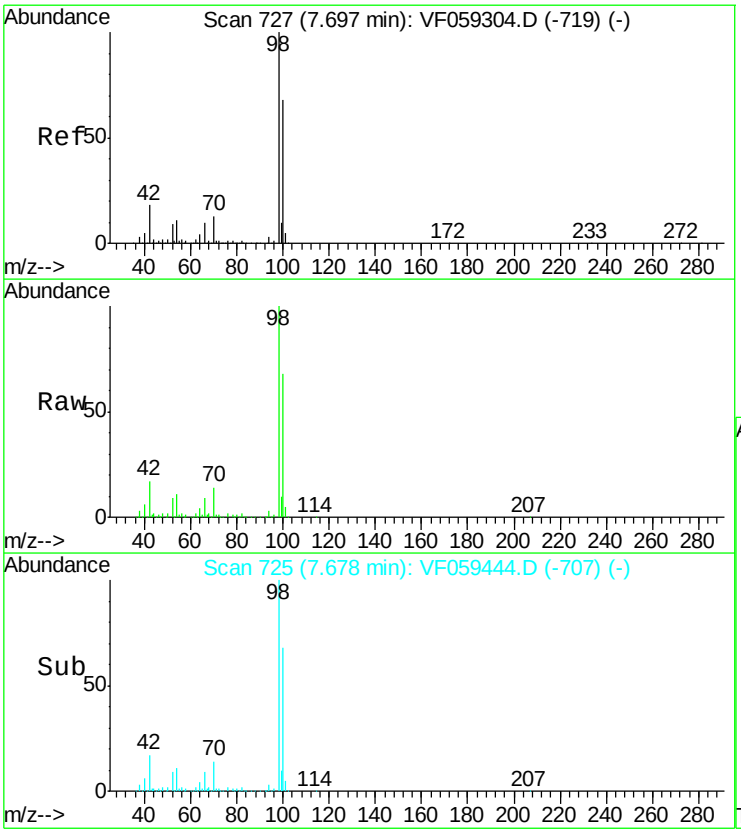
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.82 min Scan# 638
Delta R.T. -0.03 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 90

Ion	Ratio	Lower	Upper
88	100		
43	0.0	50.6	75.8#
58	67.8	46.6	69.8

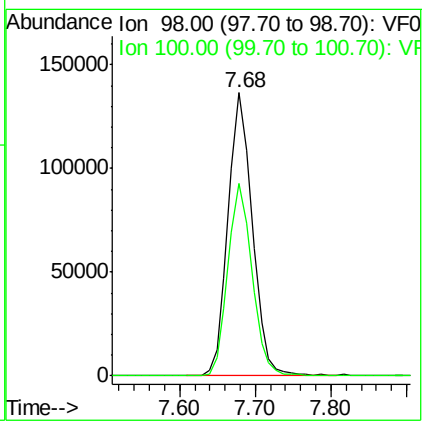


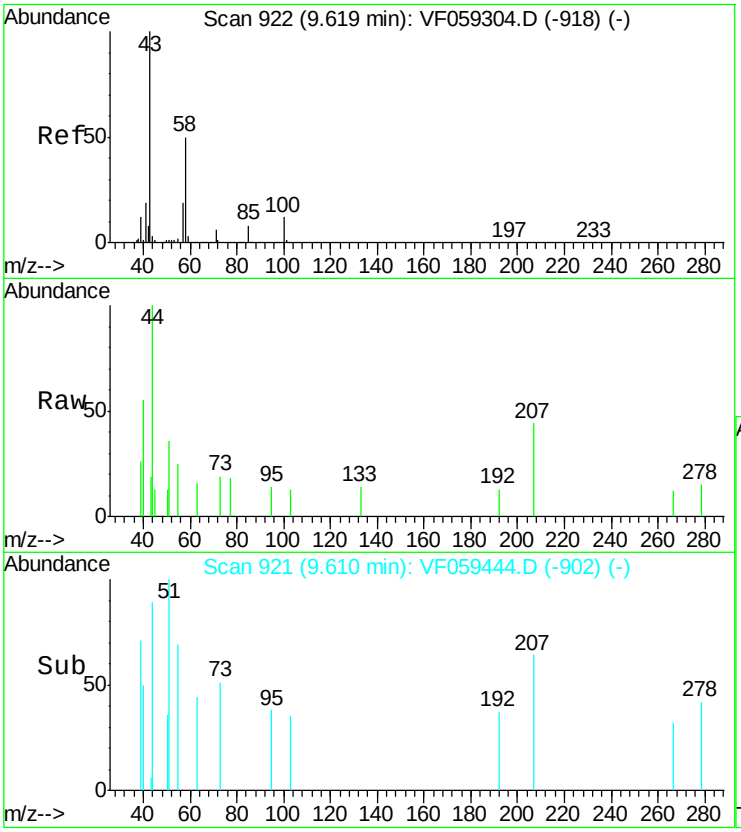


#50
Toluene-d8
Concen: 52.023 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Tgt Ion: 98 Resp: 304051

Ion	Ratio	Lower	Upper
98	100		
100	67.9	54.6	82.0



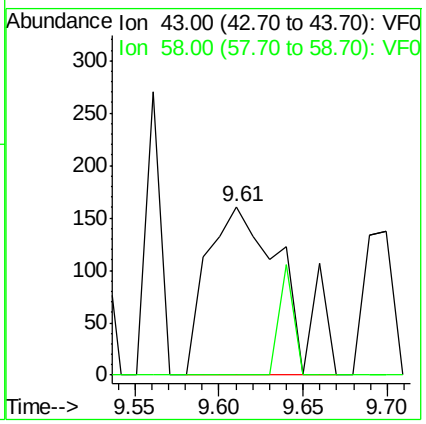


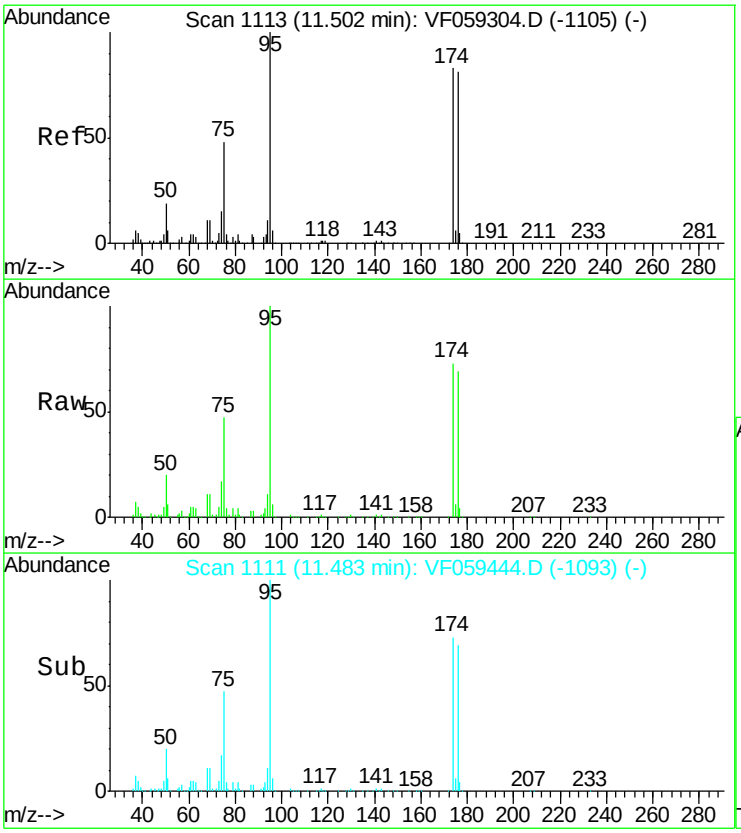
#59
2-Hexanone
Concen: Below Cal
RT: 9.61 min Scan# 921
Delta R.T. -0.01 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 520

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.3	69.9#

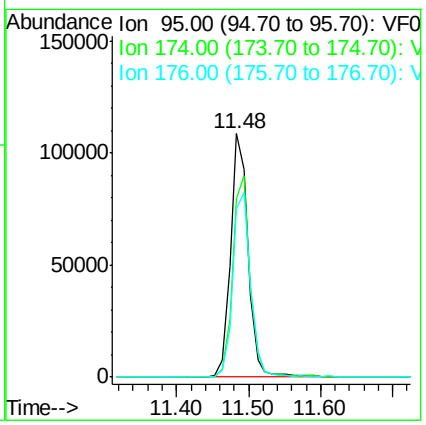


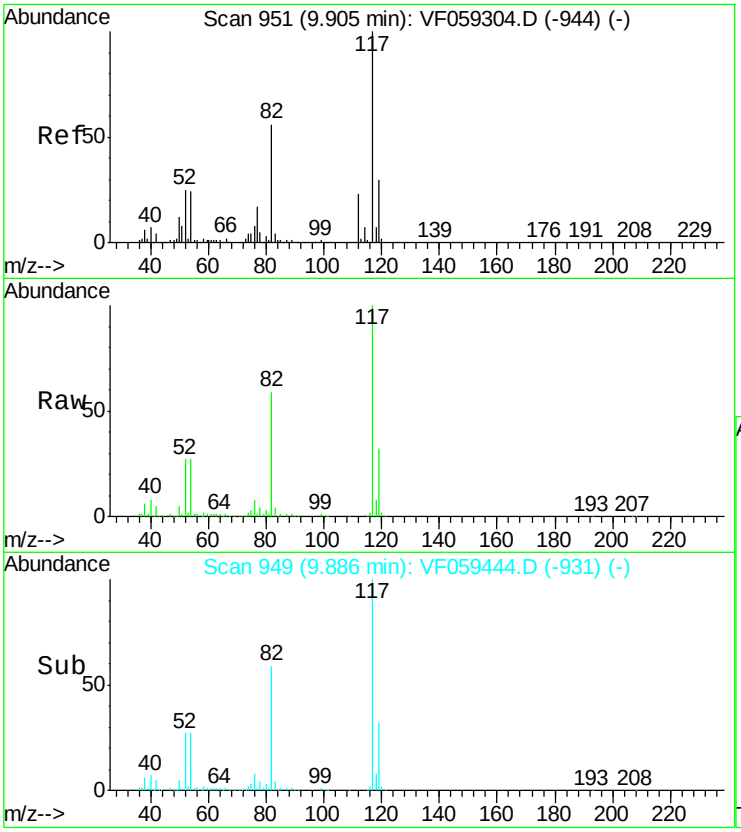


#62
4-Bromofluorobenzene
Concen: 55.995 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Tgt Ion: 95 Resp: 184606

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	165.2
176	69.2	0.0	161.0



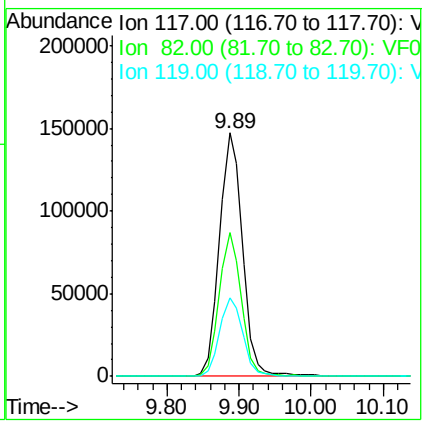


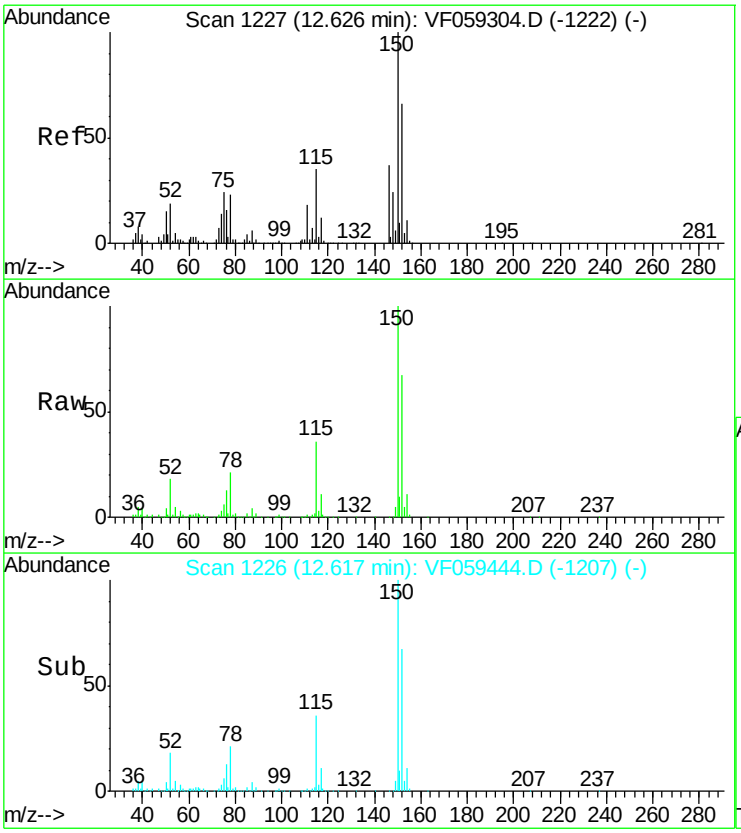
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 326814

Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.6	66.8
119	32.2	24.1	36.1

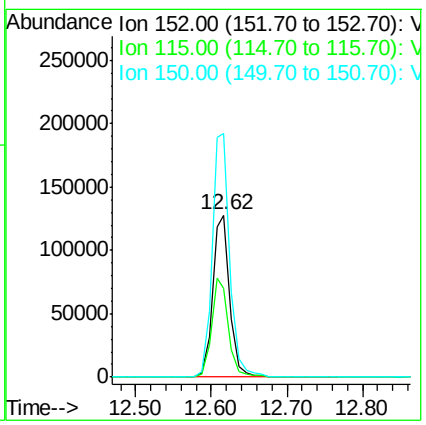


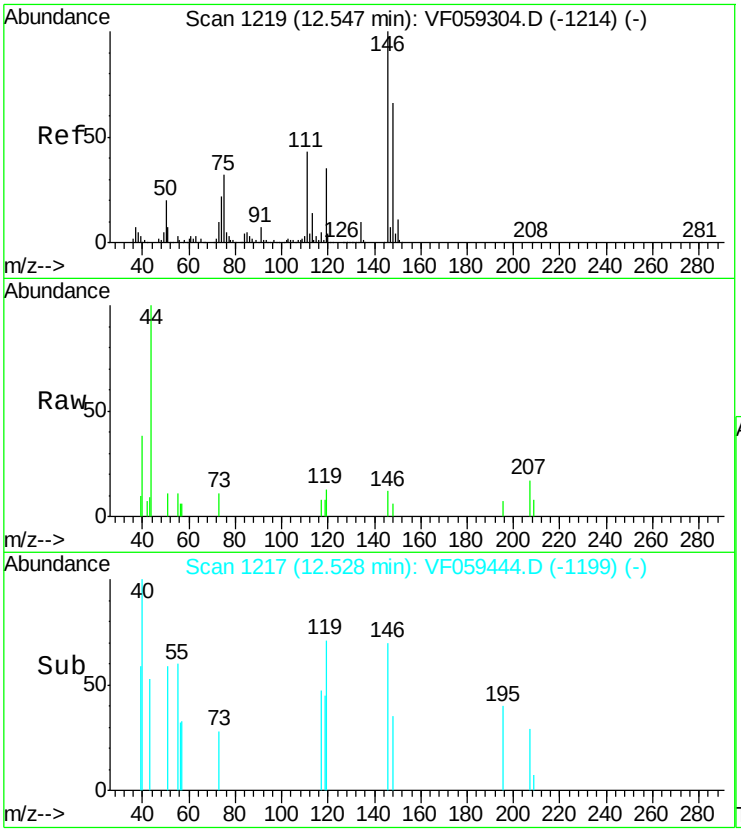


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Tgt Ion:152 Resp: 203953

Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.1	81.3
150	150.3	0.0	305.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.53 min Scan# 1217
Delta R.T. -0.02 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 307

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.4	64.2#
148	50.0	32.8	98.4