Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF071818\
Data File : VF059533.D
Acq On : 19 Jul 2018 00:55
Operator : VA/AP
Sample : J3982-02
Misc : 11.02g/5mL/MSVOA_F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jul 19 01:37:08 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	5.03	168	229253	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	341442	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	307694	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	156723	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	183210	51.38	ug/l	-0.03
Spiked Amount 50.000			Recovery = 102.76%			
35) Dibromofluoromethane	4.28	113	152668	51.63	ug/l	-0.03
Spiked Amount 50.000			Recovery = 103.26%			
50) Toluene-d8	7.70	98	268982	36.11	ug/l	-0.03
Spiked Amount 50.000			Recovery = 72.22%			
62) 4-Bromofluorobenzene	11.50	95	146392	37.46	ug/l	-0.02
Spiked Amount 50.000			Recovery = 74.92%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.69	59	176	Below Cal	#	5
13) Acrolein	2.11	56	235	Below Cal	#	1
15) Acrylonitrile	3.05	53	383	1.280	ug/l #	13
16) Acetone	2.32	43	3456	Below Cal	#	90
18) Methyl Acetate	2.47	43	6321	2.962	ug/l #	67
20) Methylene Chloride	2.27	84	6538	Below Cal	#	79
29) Tetrahydrofuran	4.27	42	589	Below Cal	#	38
37) Ethyl Acetate	4.27	43	342	Below Cal	#	41
39) Methylcyclohexane	5.74	83	4670	1.801	ug/l #	50
49) 1,4-Dioxane	7.10	88	156	2.965	ug/l #	50

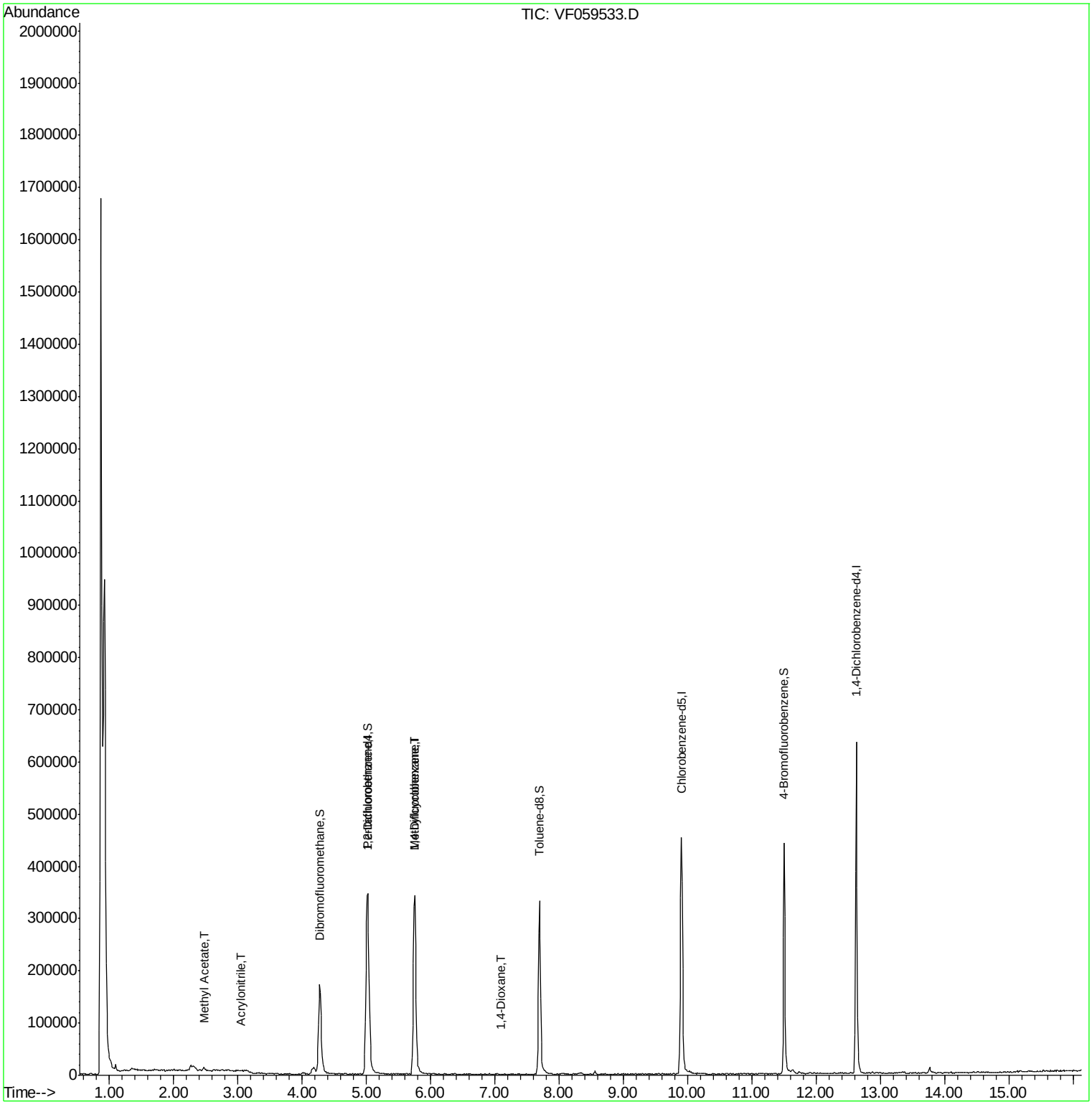
(#) = qualifier out of range (m) = manual integration (+) = signals summed

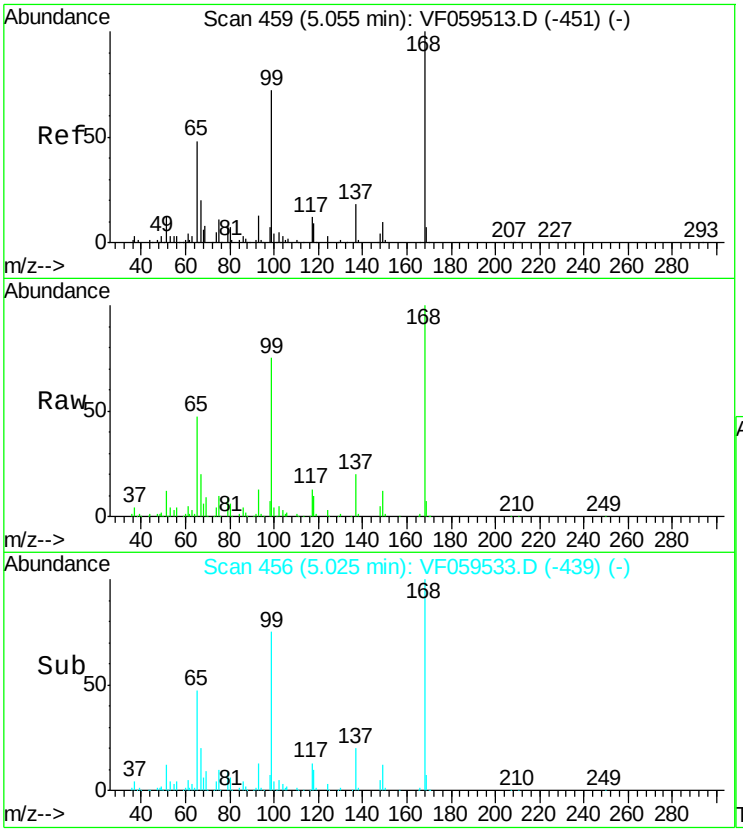
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
Data File : VF059533.D
Acq On : 19 Jul 2018 00:55
Operator : VA/AP
Sample : J3982-02
Misc : 11.02g/5mL/MSVOA F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jul 19 01:37:08 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



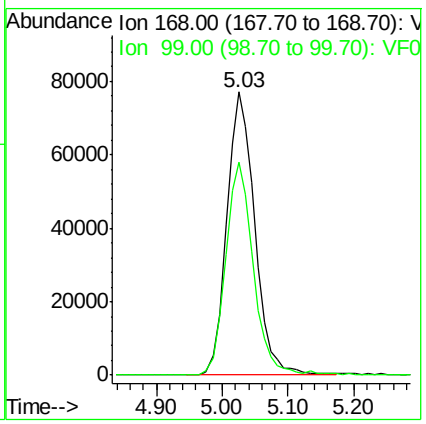


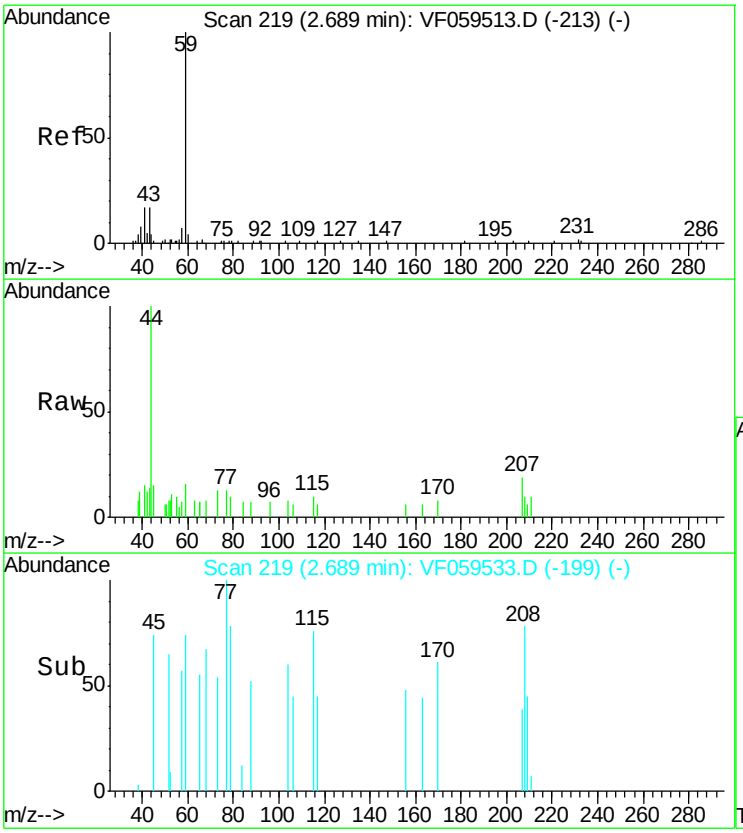
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.03 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 229253

Ion	Ratio	Lower	Upper
168	100		
99	75.2	57.6	86.4

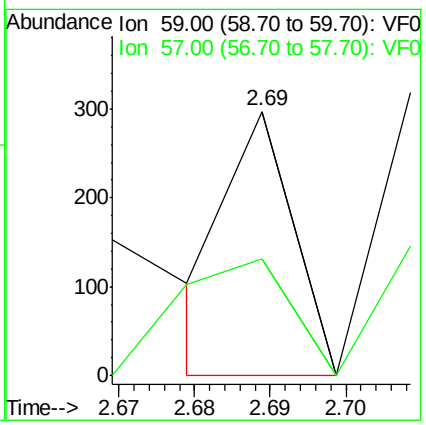


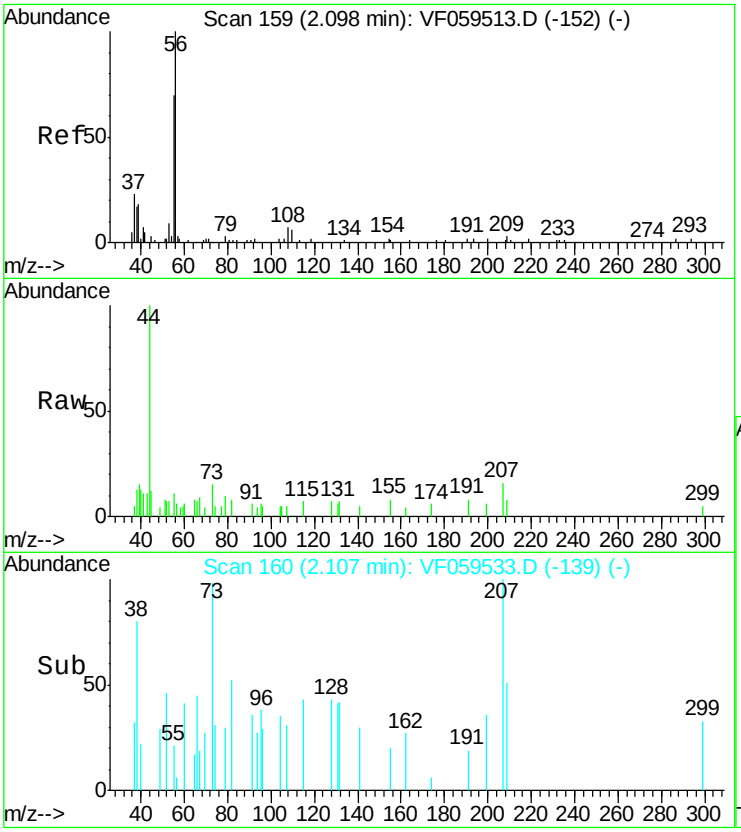


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.69 min Scan# 219
Delta R.T. -0.00 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Tgt Ion: 59 Resp: 176

Ion	Ratio	Lower	Upper
59	100		
57	44.4	7.7	11.5#



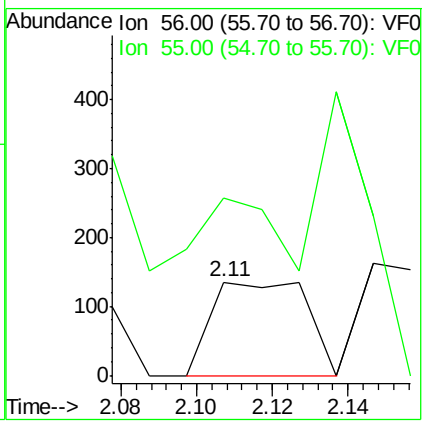


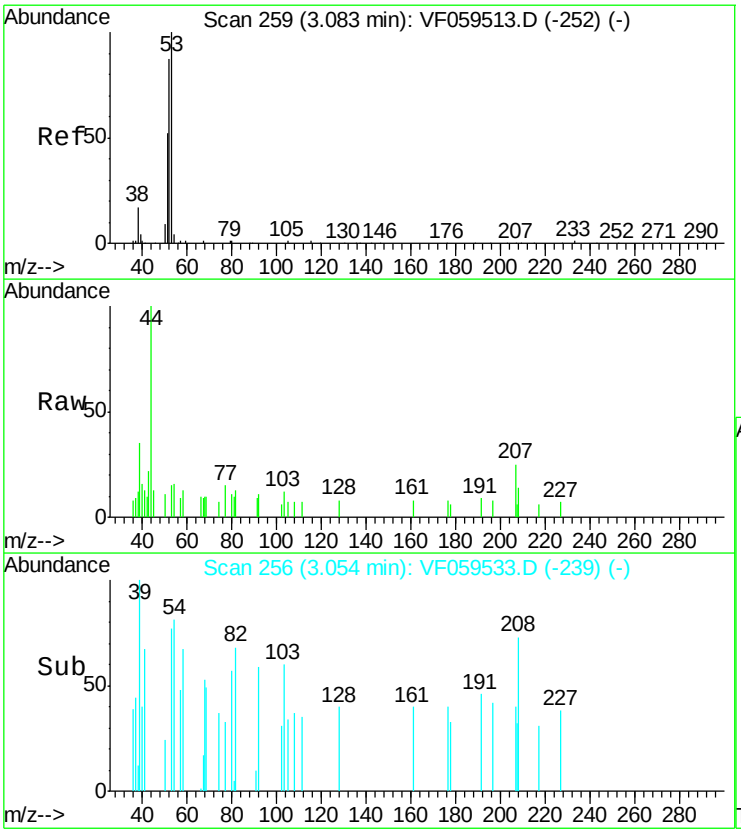
#13
Acrolein
Concen: Below Cal
RT: 2.11 min Scan# 160
Delta R.T. 0.01 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 235

Ion	Ratio	Lower	Upper
56	100		
55	190.4	59.4	89.2#

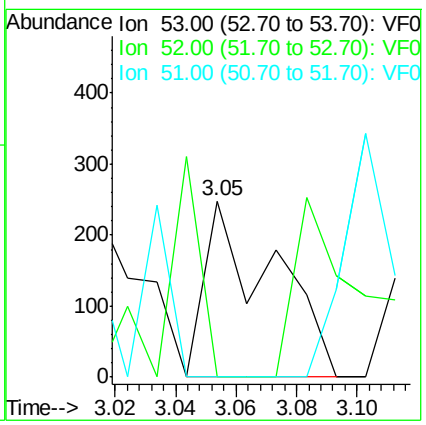


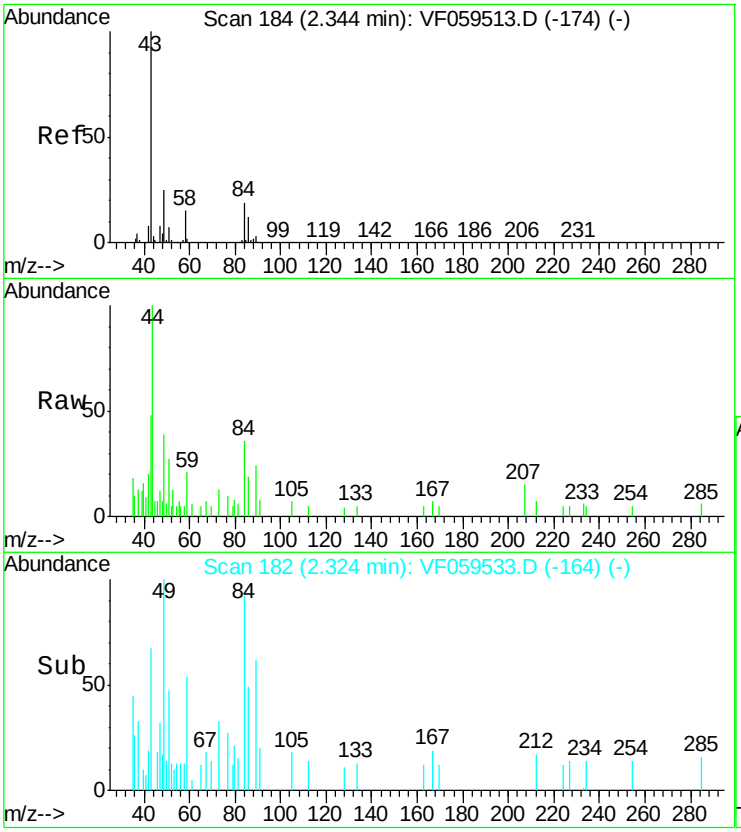


#15
Acrylonitrile
Concen: 1.280 ug/l
RT: 3.05 min Scan# 256
Delta R.T. -0.03 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Tgt Ion: 53 Resp: 383

Ion	Ratio	Lower	Upper
53	100		
52	0.0	70.1	105.1#
51	0.0	42.5	63.7#



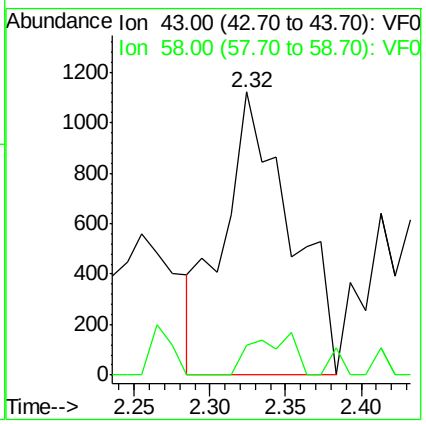


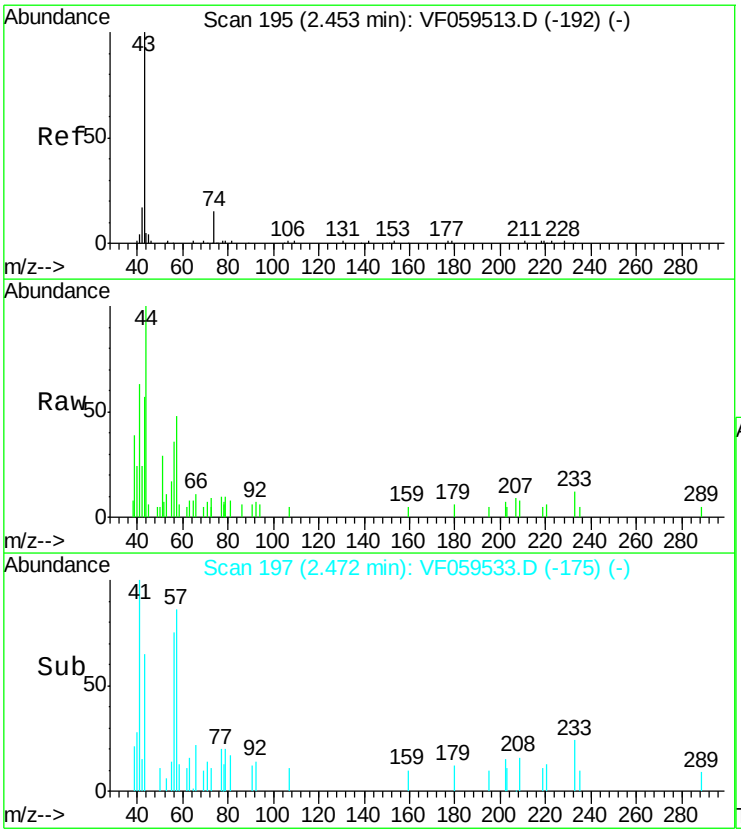
#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 182
Delta R.T. -0.02 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3456

Ion	Ratio	Lower	Upper
43	100		
58	10.7	11.8	17.6#

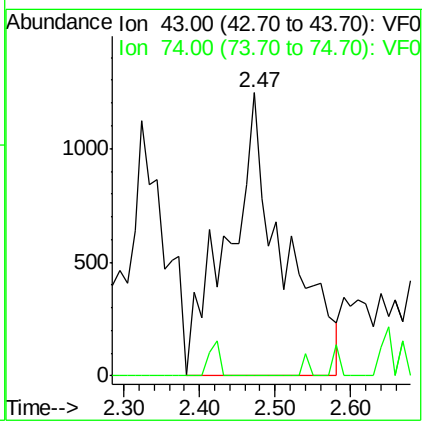


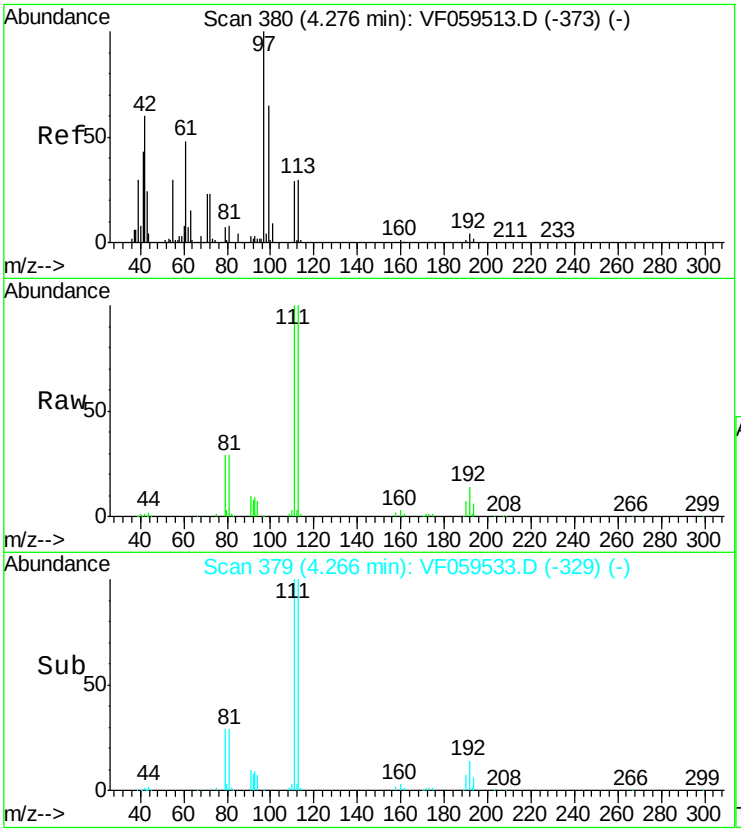


#18
Methyl Acetate
Concen: 2.962 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.02 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Tgt Ion: 43 Resp: 6321

Ion	Ratio	Lower	Upper
43	100		
74	0.0	10.6	15.8#



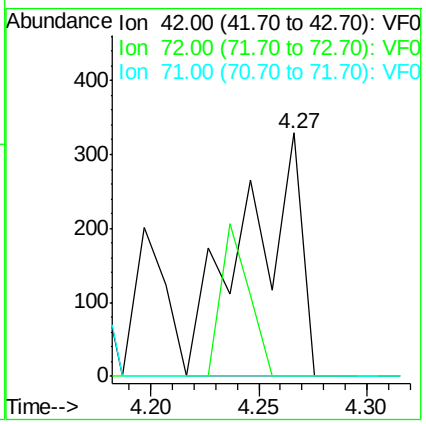


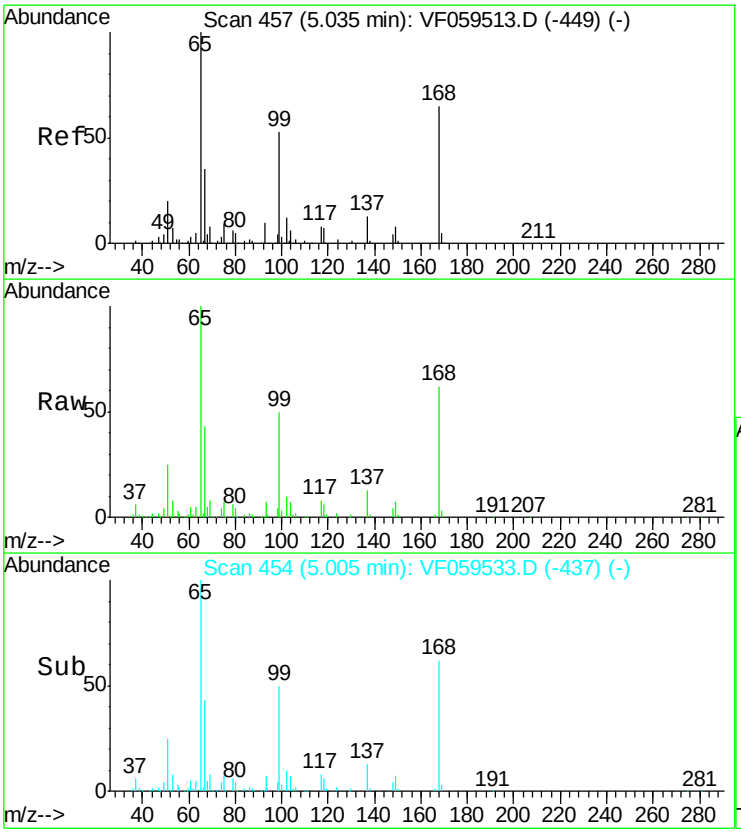
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.27 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 589

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

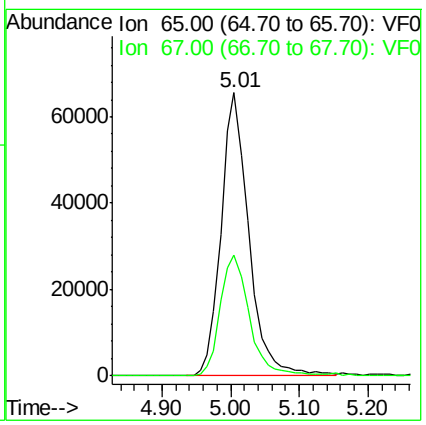


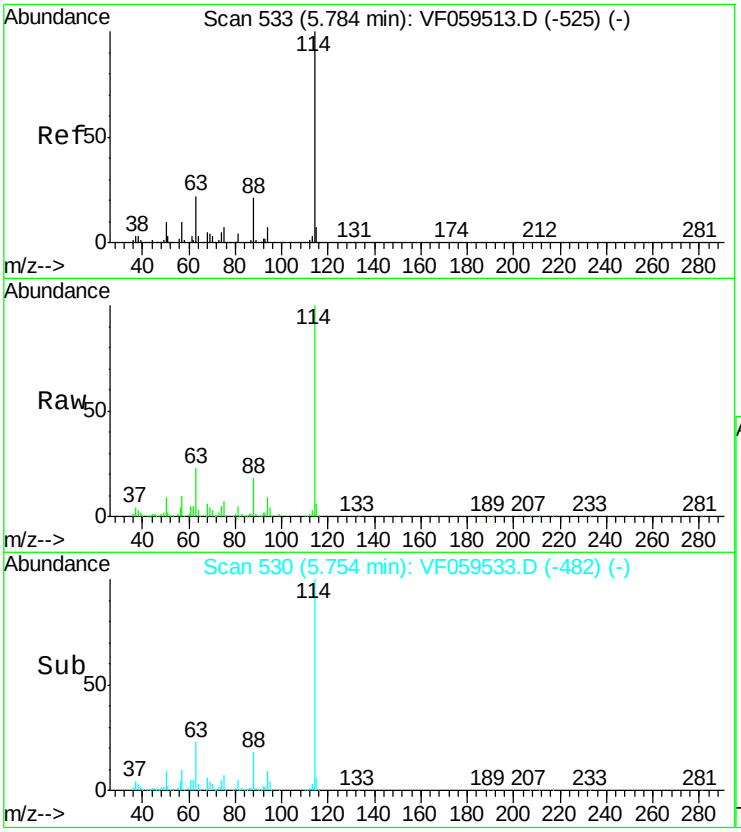


#33
1,2-Dichloroethane-d4
Concen: 51.385 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.03 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Tgt Ion: 65 Resp: 183210

Ion	Ratio	Lower	Upper
65	100		
67	42.8	0.0	91.2



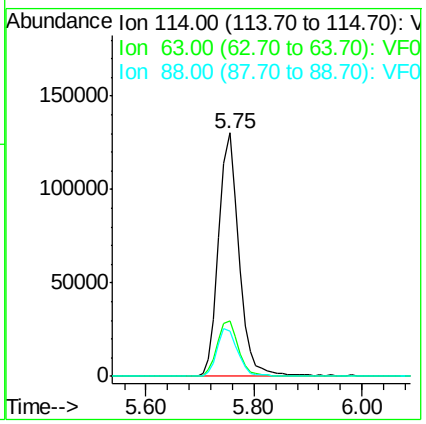


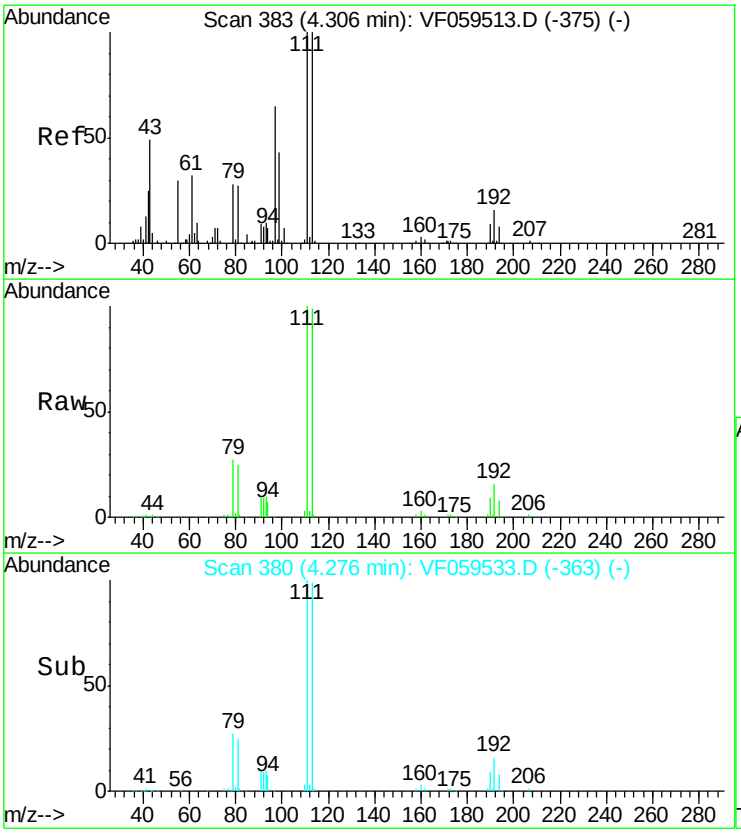
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 530
Delta R.T. -0.03 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 341442

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.8
88	18.4	0.0	42.6

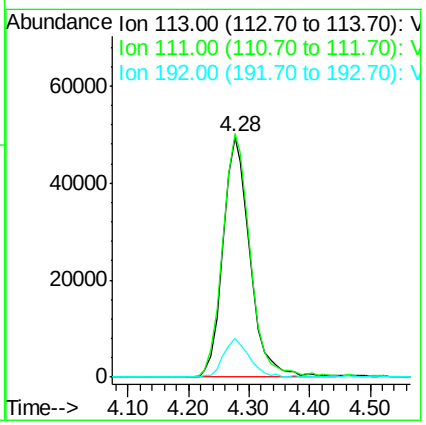


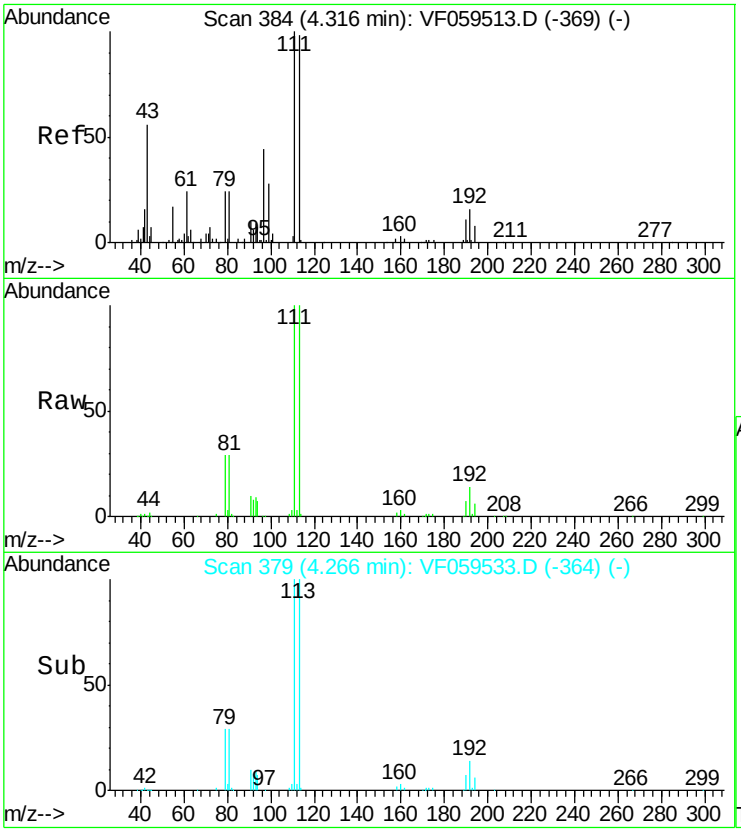


#35
Dibromofluoromethane
Concen: 51.627 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.03 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Tgt Ion:113 Resp: 152668

Ion	Ratio	Lower	Upper
113	100		
111	100.8	80.3	120.5
192	16.3	13.1	19.7



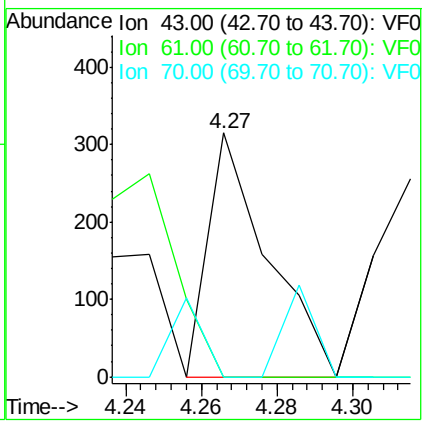


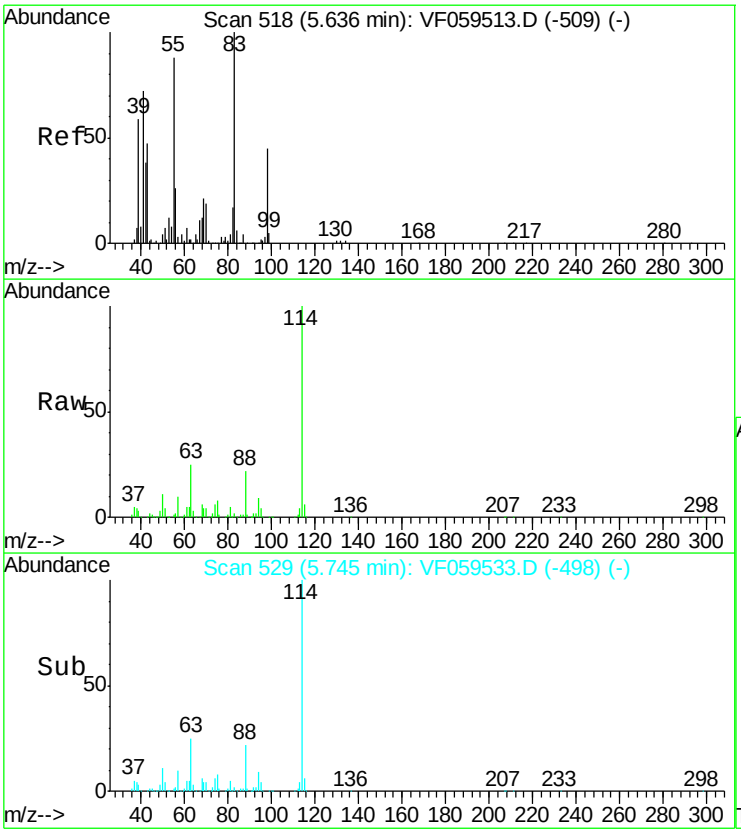
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.27 min Scan# 379
Delta R.T. -0.05 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 342

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

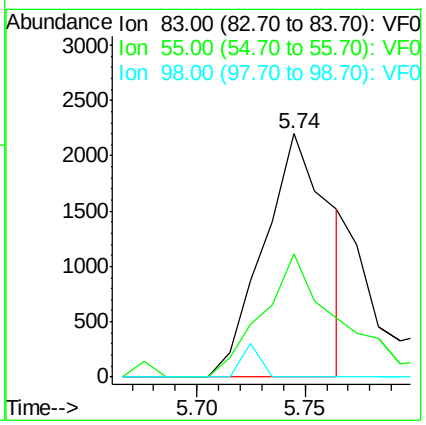


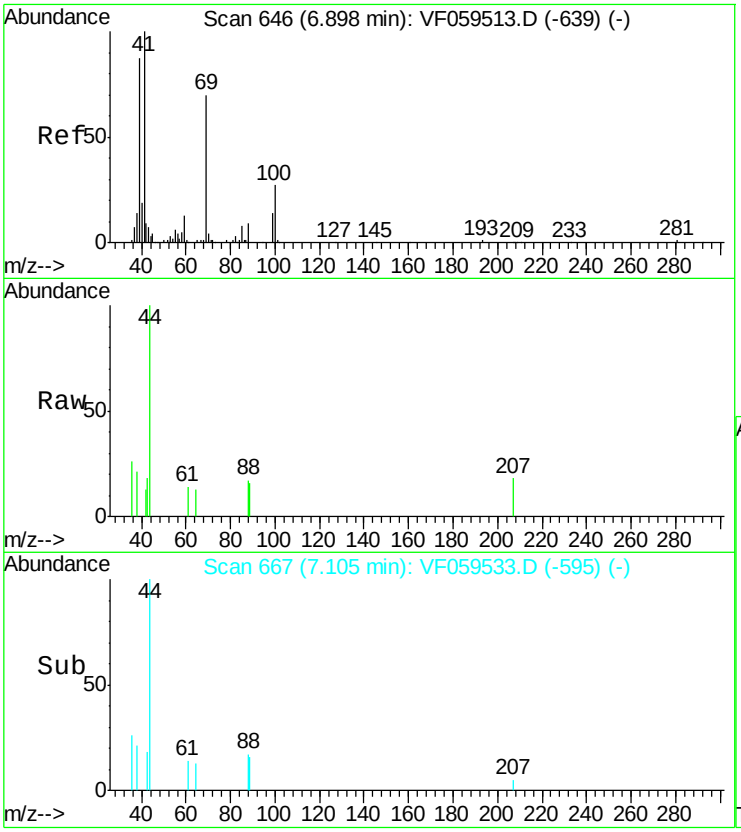


#39
Methylcyclohexane
Concen: 1.801 ug/l
RT: 5.74 min Scan# 529
Delta R.T. 0.11 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Tgt Ion: 83 Resp: 4670

Ion	Ratio	Lower	Upper
83	100		
55	50.7	70.2	105.4#
98	0.0	36.2	54.2#



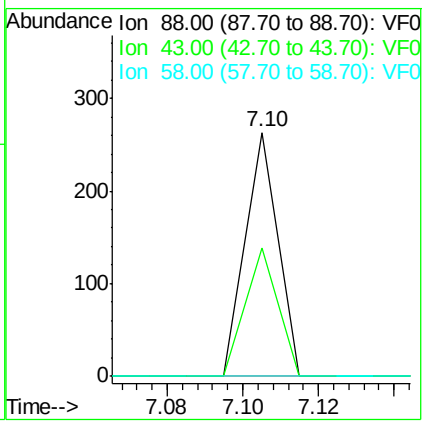


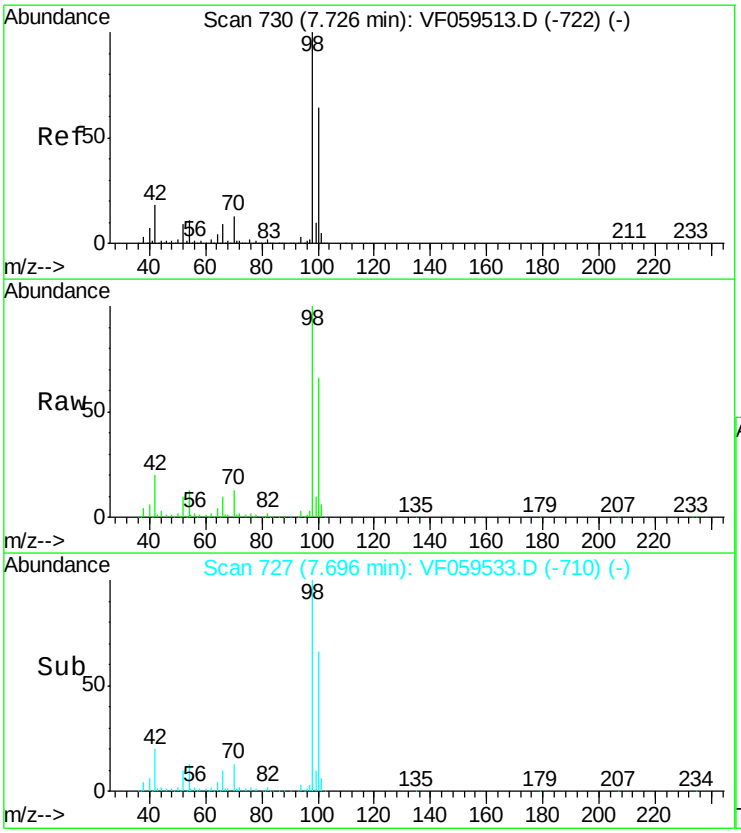
#49
1,4-Dioxane
Concen: 2.965 ug/l
RT: 7.10 min Scan# 667
Delta R.T. 0.21 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 156

Ion	Ratio	Lower	Upper
88	100		
43	52.5	64.8	97.2#
58	0.0	44.1	66.1#

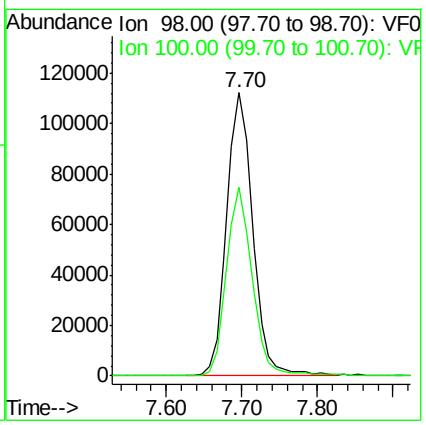


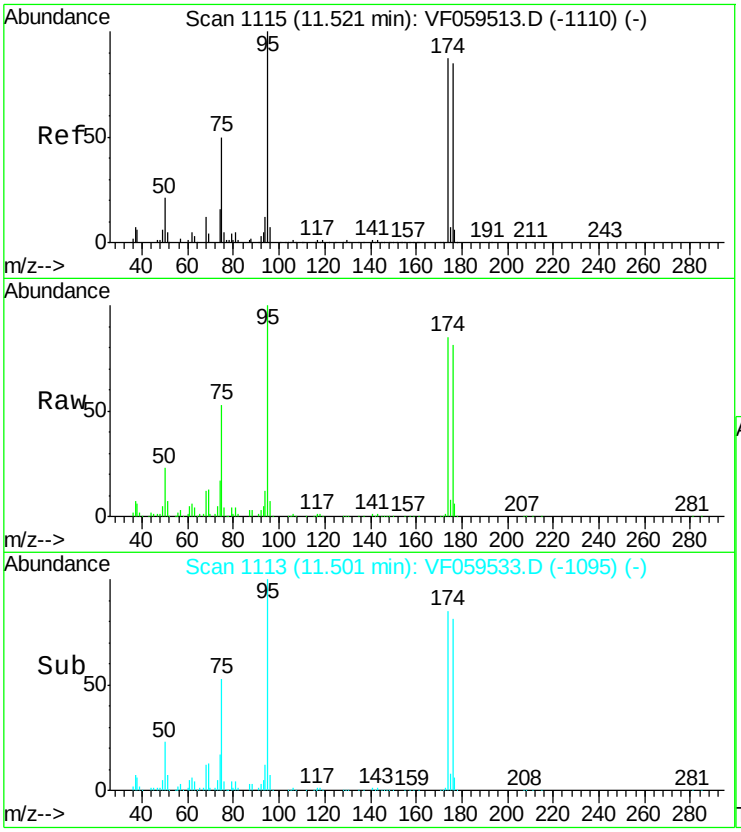


#50
Toluene-d8
Concen: 36.110 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Tgt Ion: 98 Resp: 268982

Ion	Ratio	Lower	Upper
98	100		
100	66.5	50.9	76.3



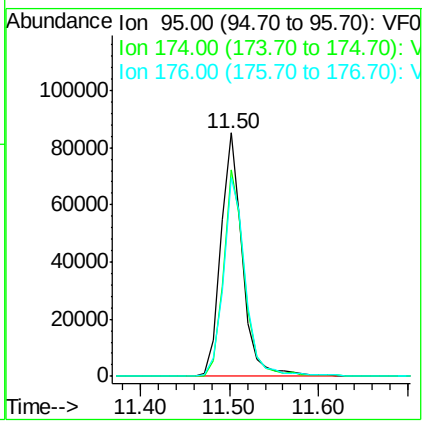


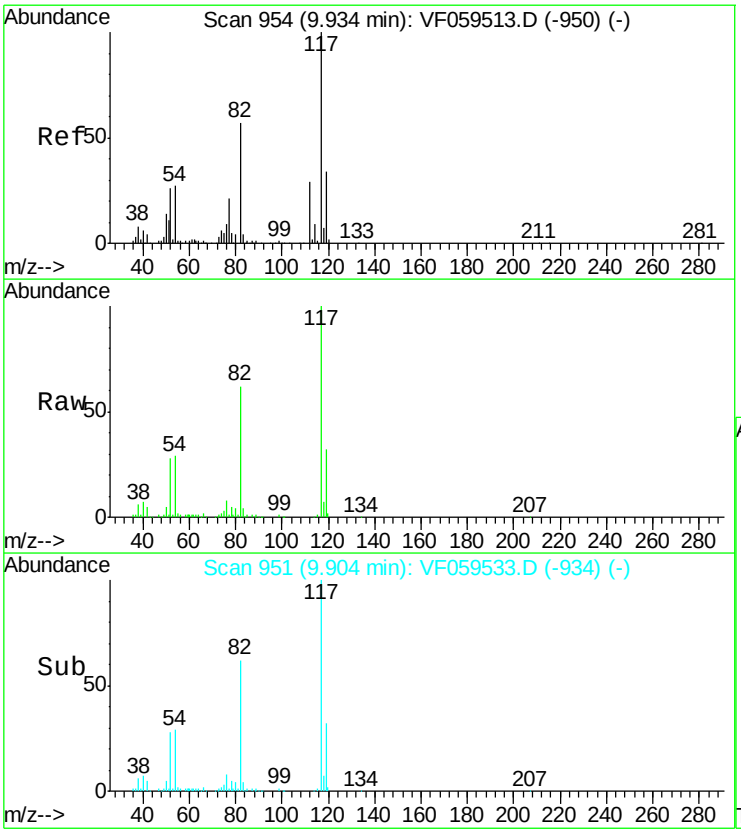
#62
4-Bromofluorobenzene
Concen: 37.463 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 146392

Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	174.4
176	81.5	0.0	169.4

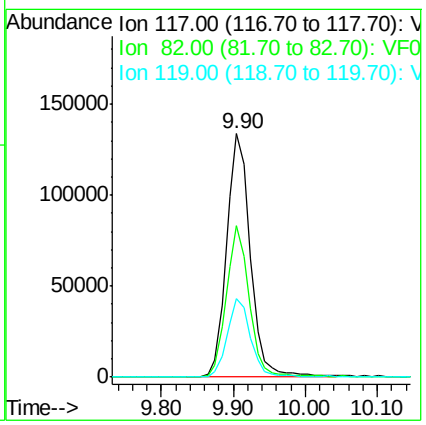


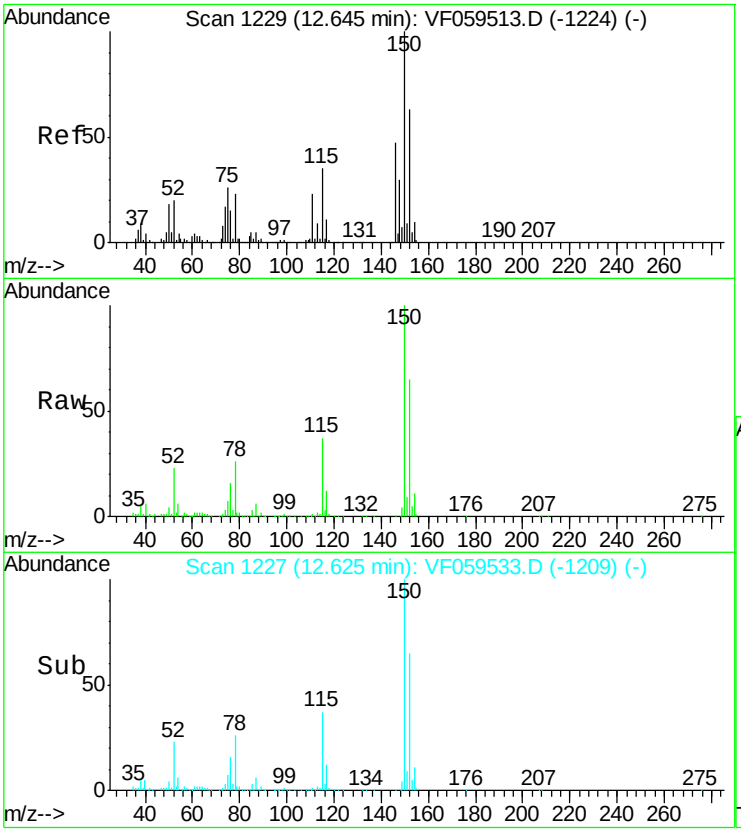


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Tgt Ion:117 Resp: 307694

Ion	Ratio	Lower	Upper
117	100		
82	62.0	46.1	69.1
119	32.1	27.2	40.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059533.D
Acq: 19 Jul 2018 00:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 156723

Ion	Ratio	Lower	Upper
152	100		
115	57.0	27.8	83.3
150	153.3	0.0	318.4