Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF071818\
Data File : VF059531.D
Acq On : 19 Jul 2018 00:00
Operator : VA/AP
Sample : J4035-13
Misc : 5.79g/5mL/MSVOA_F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jul 19 01:36:53 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	5.02	168	218098	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.74	114	340833	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.90	117	338559	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	197865	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	163793	48.29	ug/l	-0.03
Spiked Amount 50.000			Recovery = 96.58%			
35) Dibromofluoromethane	4.28	113	139581	47.29	ug/l	-0.03
Spiked Amount 50.000			Recovery = 94.58%			
50) Toluene-d8	7.70	98	282566	38.00	ug/l	-0.03
Spiked Amount 50.000			Recovery = 76.00%			
62) 4-Bromofluorobenzene	11.50	95	155968	39.98	ug/l	-0.02
Spiked Amount 50.000			Recovery = 79.96%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.66	59	572	Below Cal	#	74
13) Acrolein	1.96	56	581	Below Cal		84
15) Acrylonitrile	3.07	53	357	1.254	ug/l #	2
16) Acetone	2.33	43	20532	14.571	ug/l	94
20) Methylene Chloride	2.27	84	12391	3.868	ug/l	95
29) Tetrahydrofuran	4.27	42	128	Below Cal	#	38
37) Ethyl Acetate	4.29	43	595	Below Cal	#	41
39) Methylcyclohexane	5.74	83	3853	1.488	ug/l #	32
49) 1,4-Dioxane	6.60	88	81	Below Cal	#	15

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
Data File : VF059531.D
Acq On : 19 Jul 2018 00:00
Operator : VA/AP
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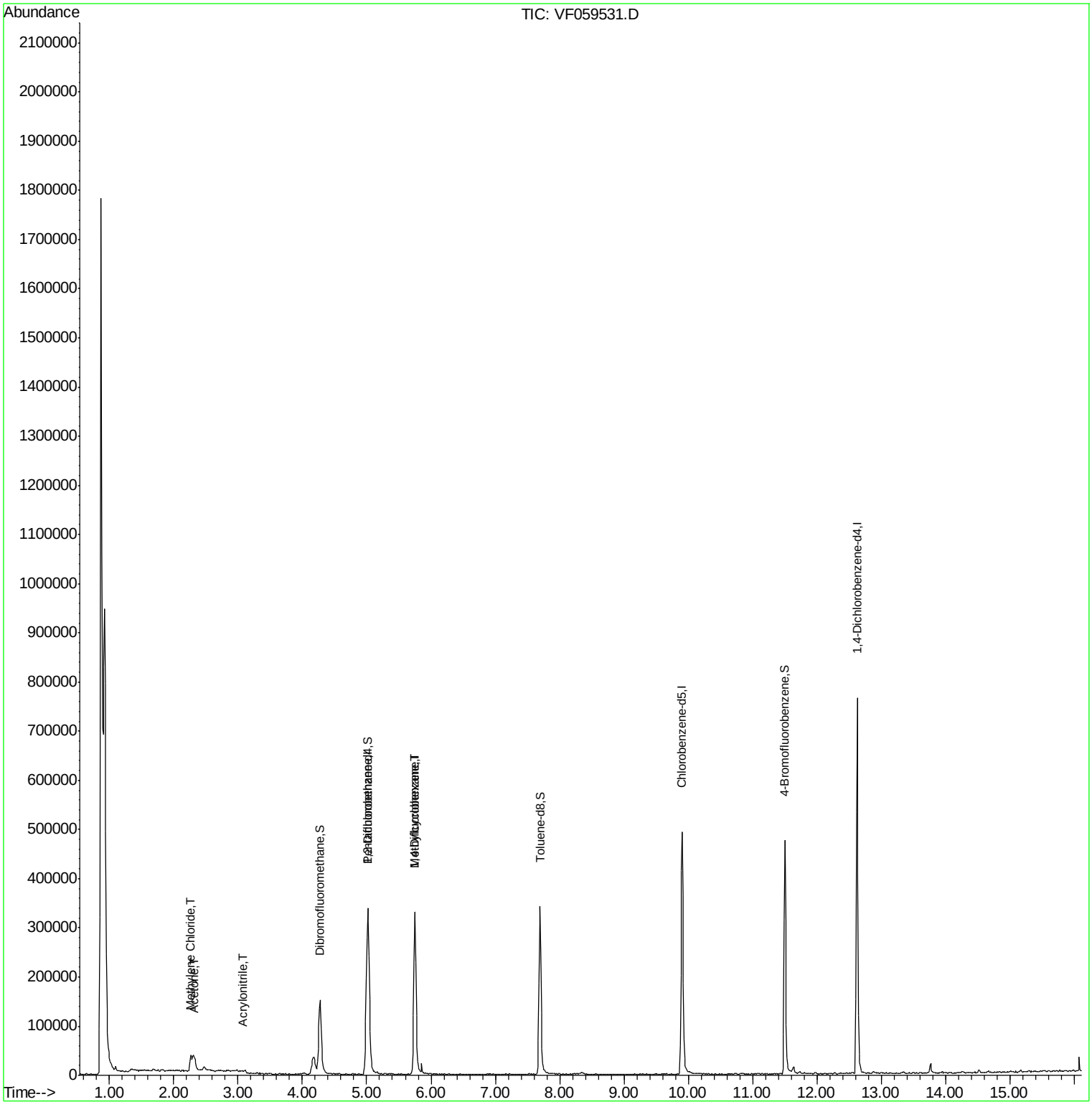
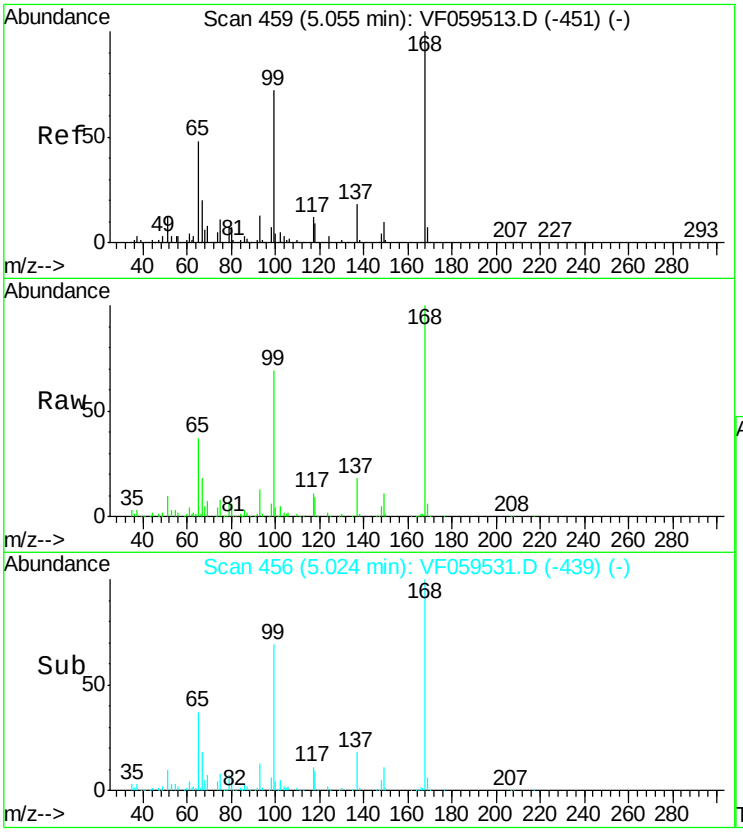


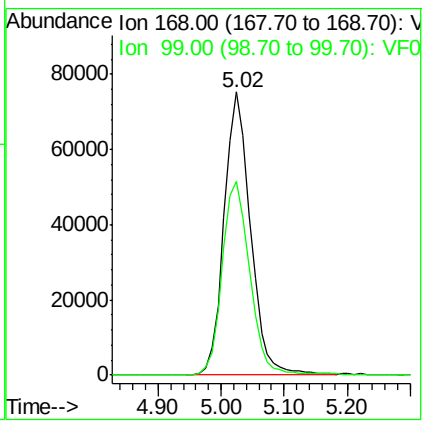


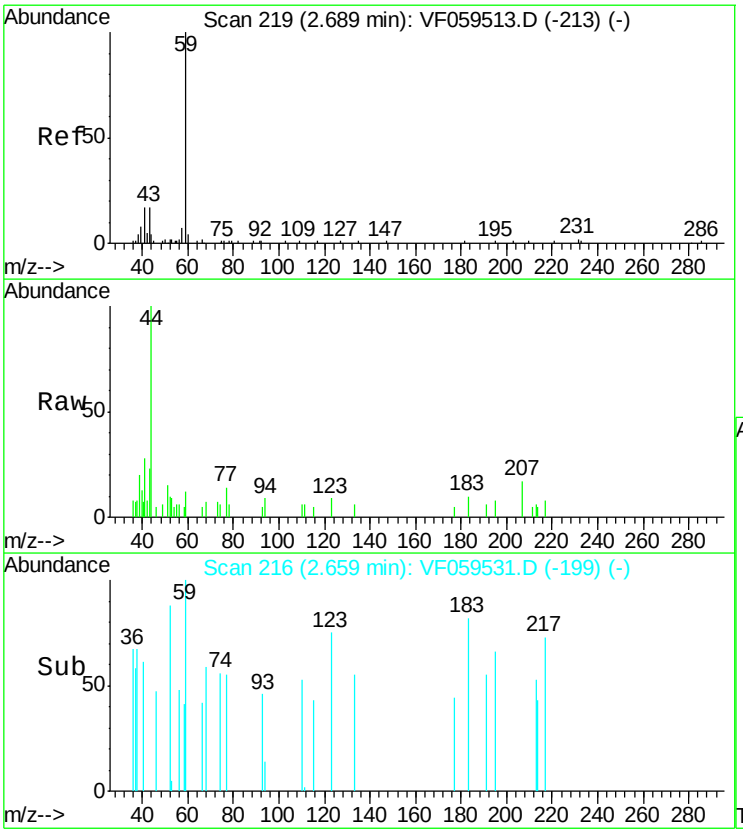
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.02 min Scan# 456
Delta R.T. -0.03 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 218098

Ion	Ratio	Lower	Upper
168	100		
99	68.6	57.6	86.4

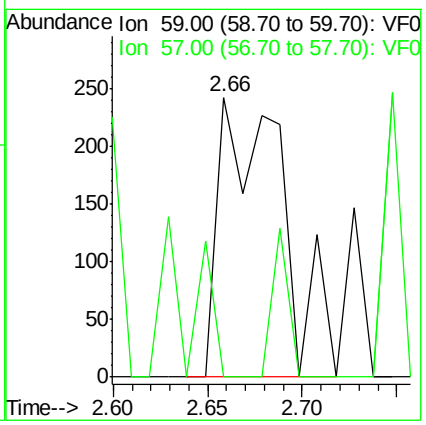


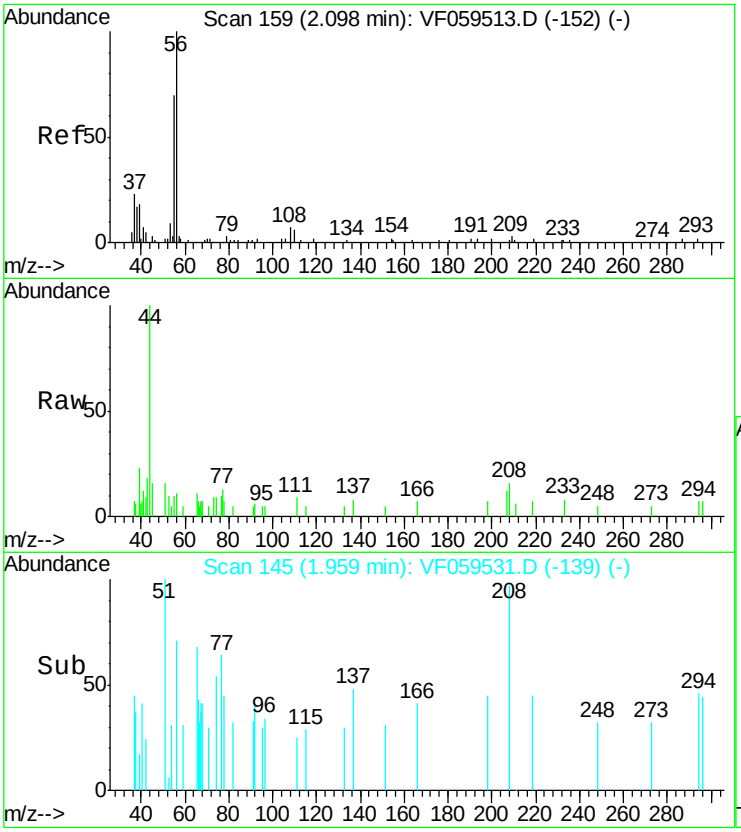


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.66 min Scan# 216
Delta R.T. -0.03 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Tgt Ion: 59 Resp: 572

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#



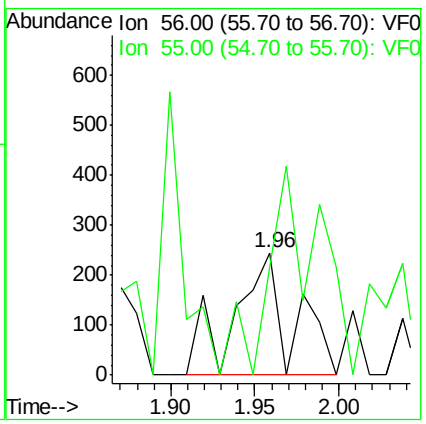


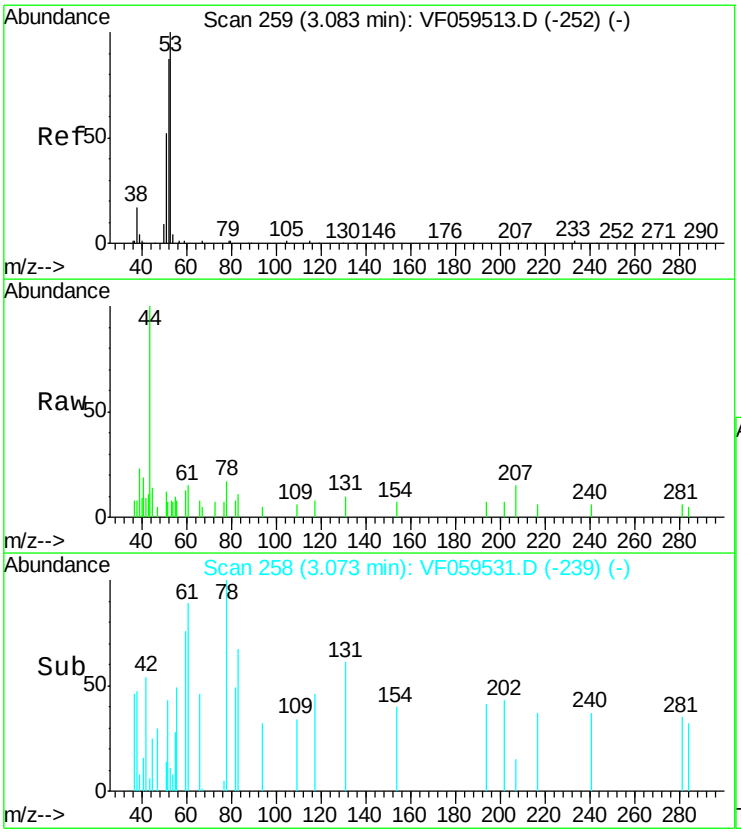
#13
Acrolein
Concen: Below Cal
RT: 1.96 min Scan# 145
Delta R.T. -0.14 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 581

Ion	Ratio	Lower	Upper
56	100		
55	87.8	59.4	89.2

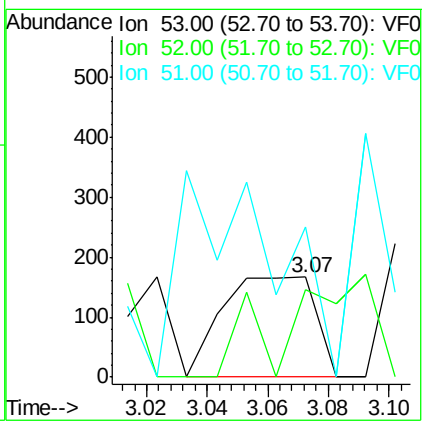


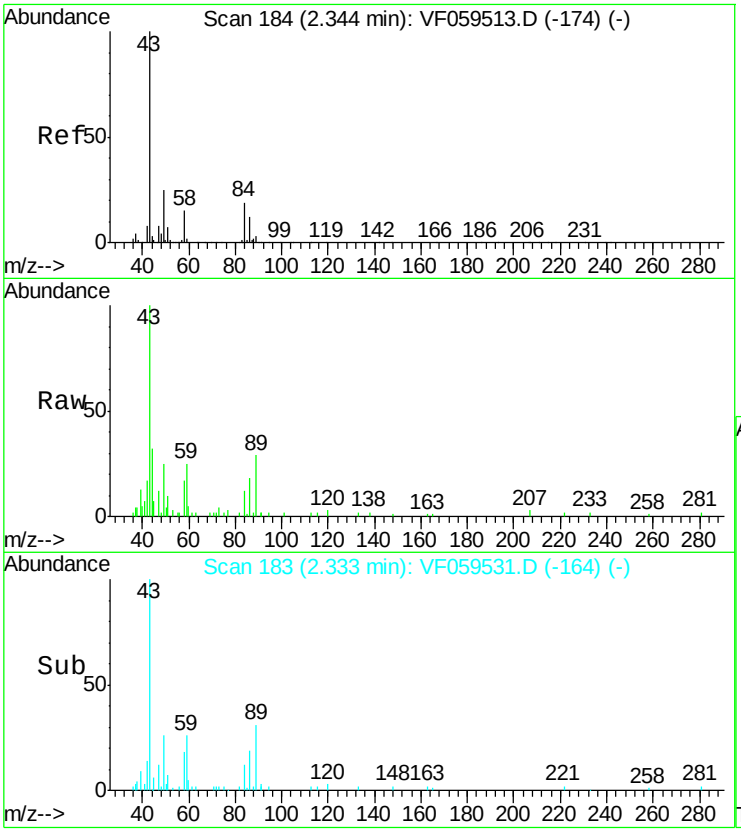


#15
Acrylonitrile
Concen: 1.254 ug/l
RT: 3.07 min Scan# 258
Delta R.T. -0.01 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Tgt Ion: 53 Resp: 357

Ion	Ratio	Lower	Upper
53	100		
52	87.4	70.1	105.1
51	237.7	42.5	63.7#



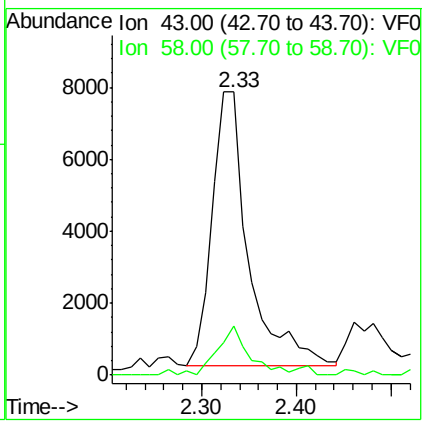


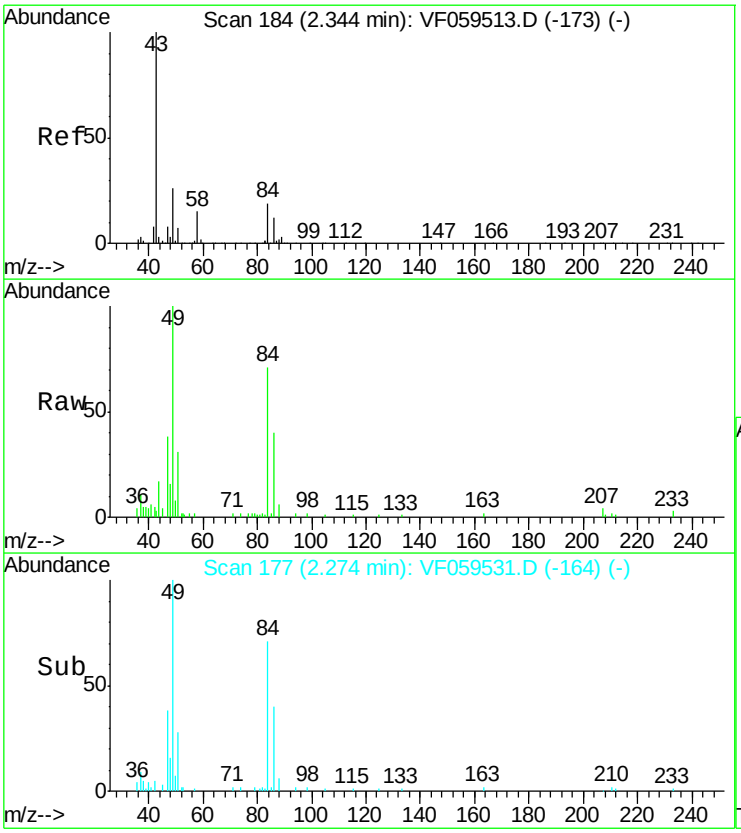
#16
Acetone
Concen: 14.571 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 20532

Ion	Ratio	Lower	Upper
43	100		
58	17.2	11.8	17.6

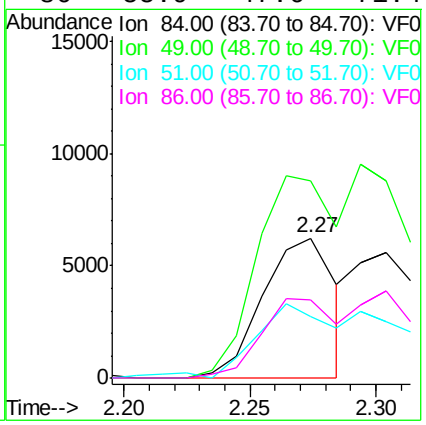


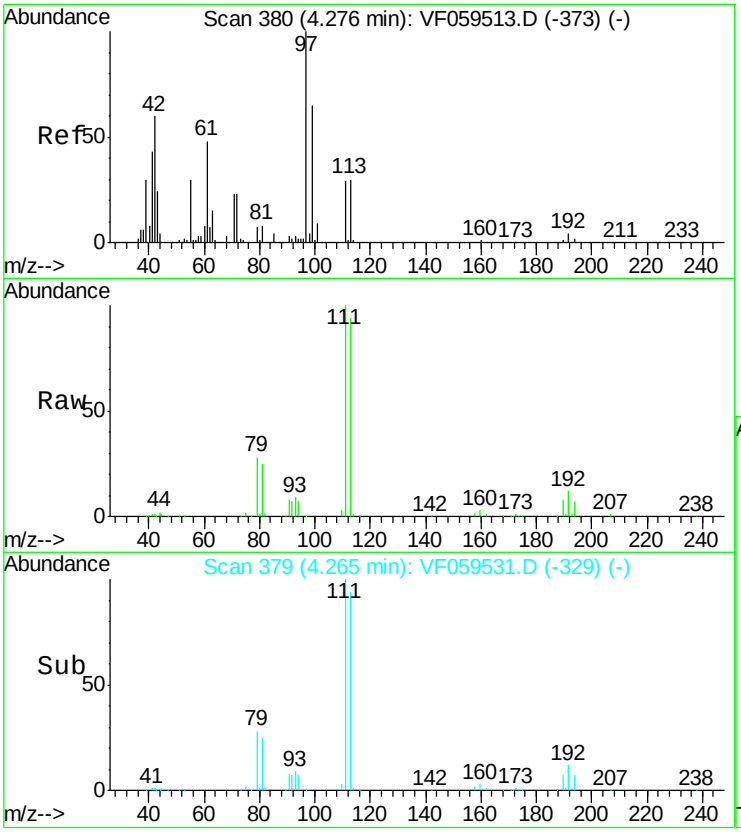


#20
Methylene Chloride
Concen: 3.868 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.07 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Tgt Ion: 84 Resp: 12391

Ion	Ratio	Lower	Upper
84	100		
49	141.0	109.4	164.2
51	43.4	30.5	45.7
86	55.9	47.6	71.4



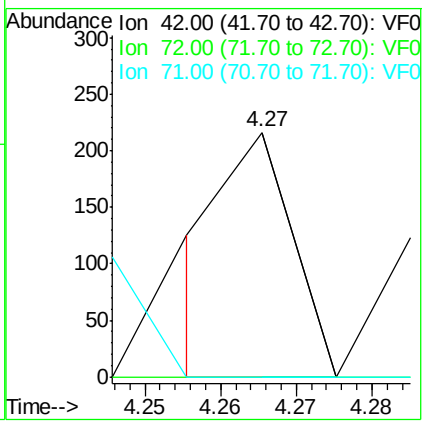


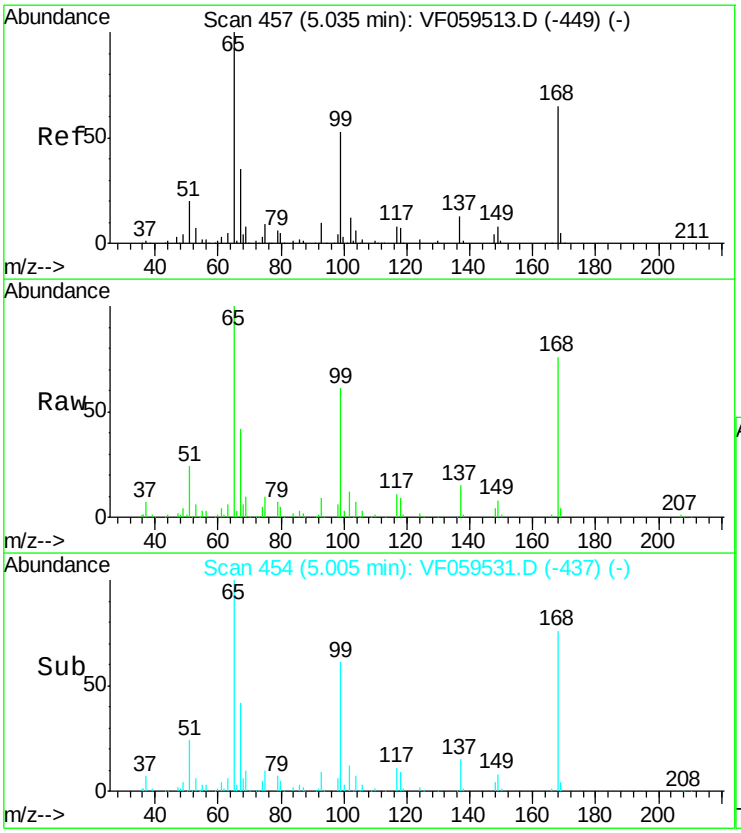
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.27 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 128

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

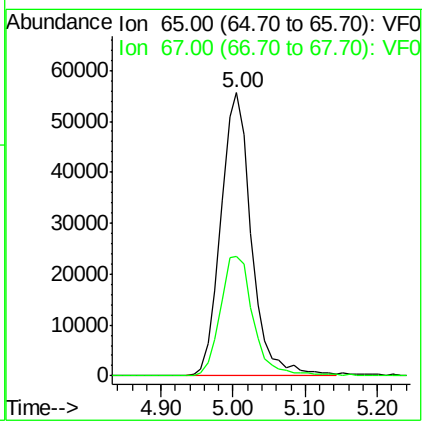


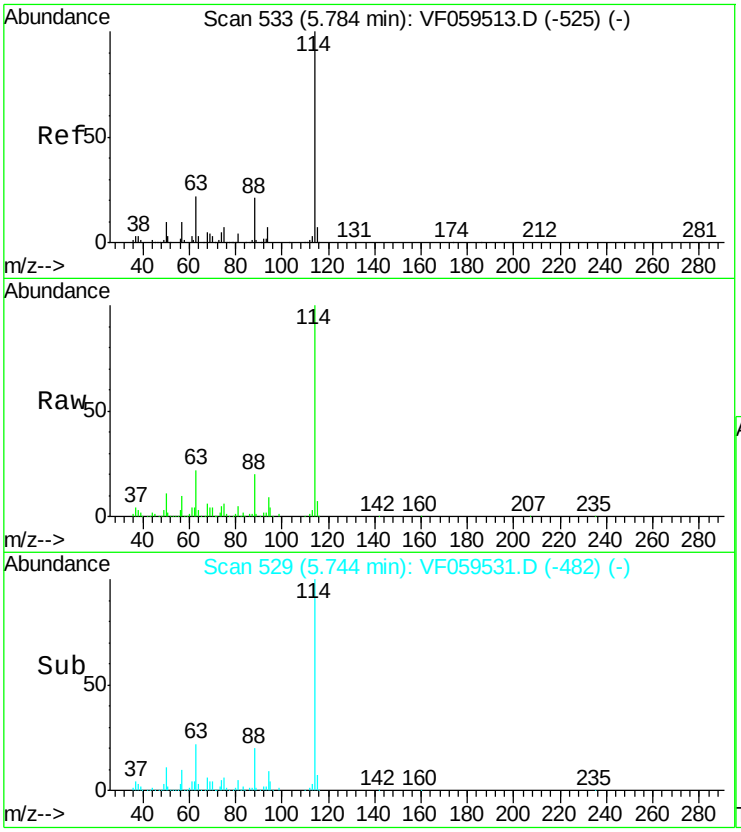


#33
1,2-Dichloroethane-d4
Concen: 48.288 ug/l
RT: 5.00 min Scan# 454
Delta R.T. -0.03 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Tgt Ion: 65 Resp: 163793

Ion	Ratio	Lower	Upper
65	100		
67	42.3	0.0	91.2



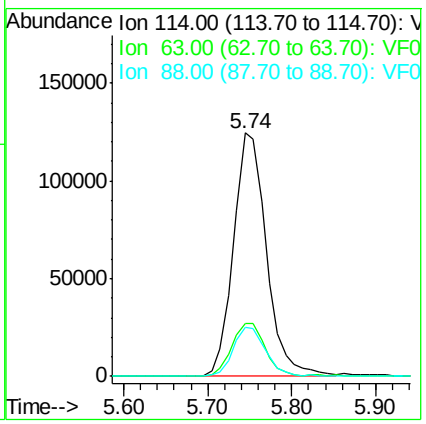


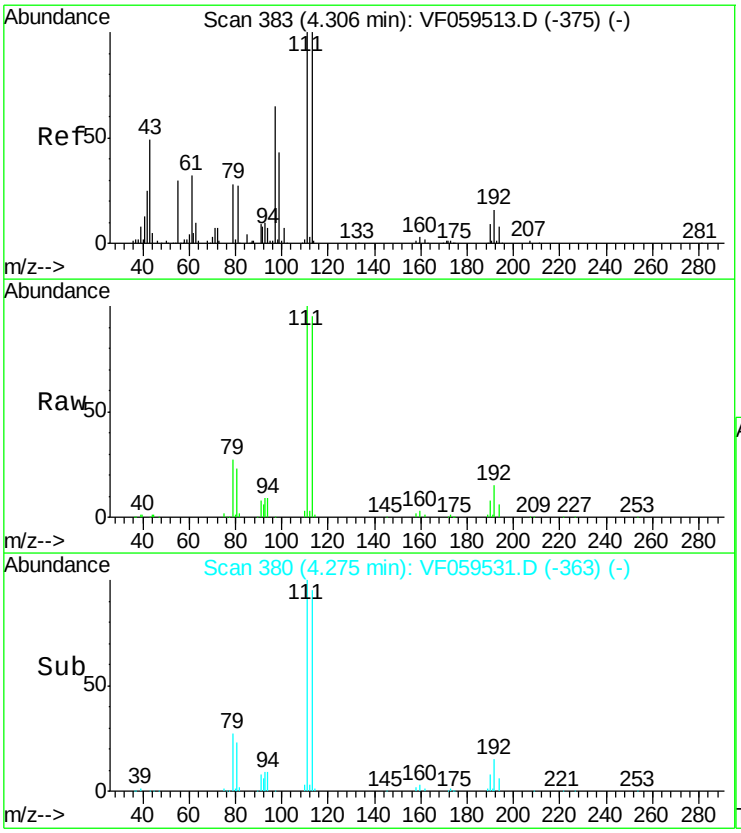
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.74 min Scan# 529
Delta R.T. -0.04 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 340833

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.8
88	19.9	0.0	42.6

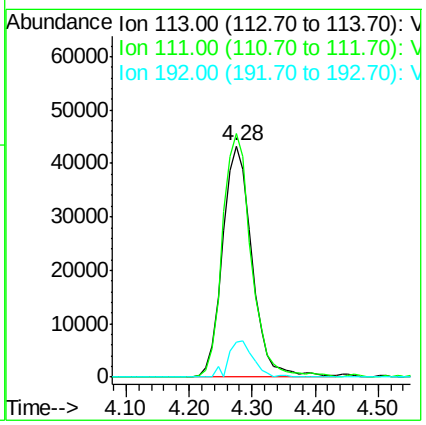


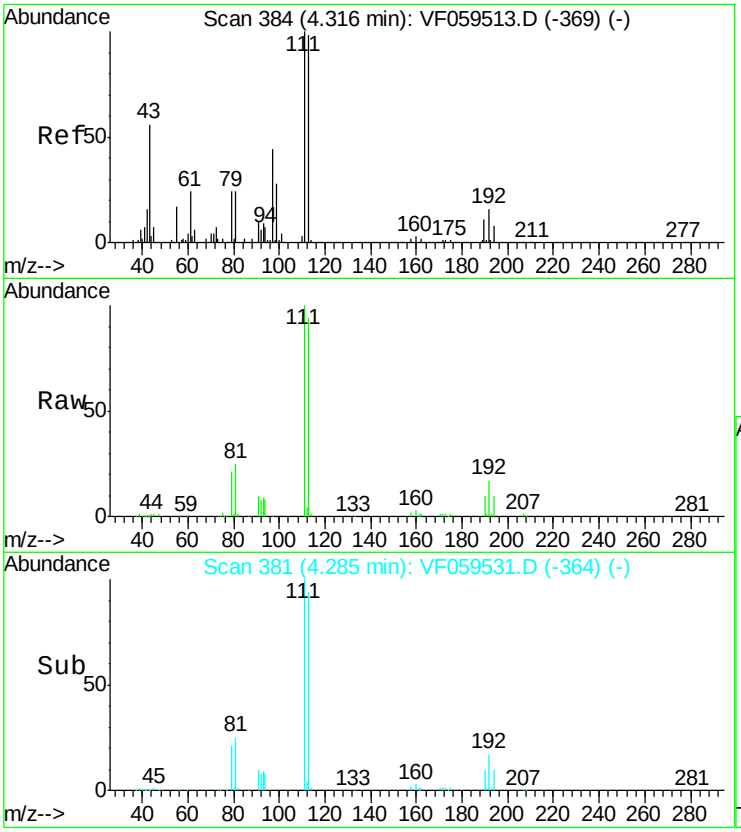


#35
Dibromofluoromethane
Concen: 47.286 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.03 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Tgt Ion:113 Resp: 139581

Ion	Ratio	Lower	Upper
113	100		
111	105.3	80.3	120.5
192	15.4	13.1	19.7



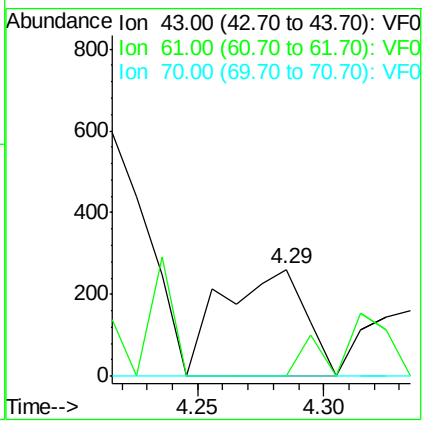


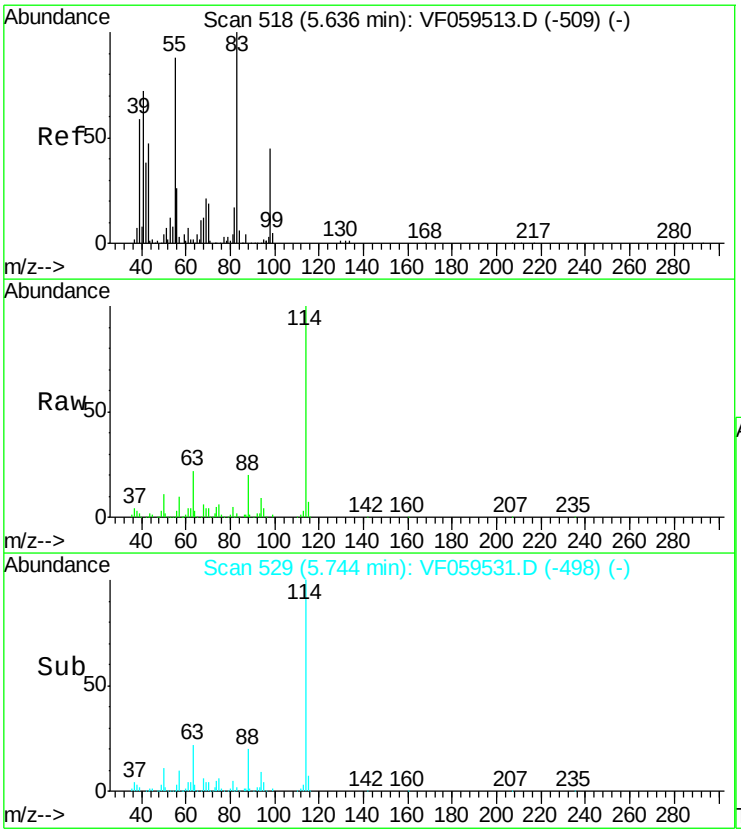
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 381
Delta R.T. -0.03 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 595

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

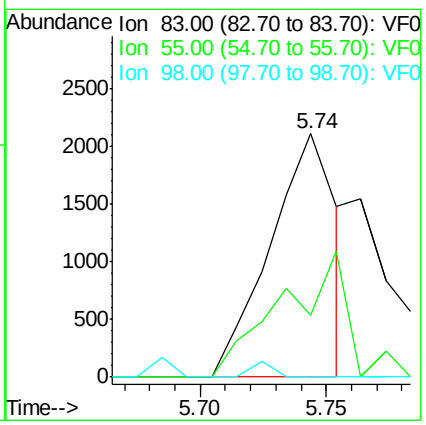


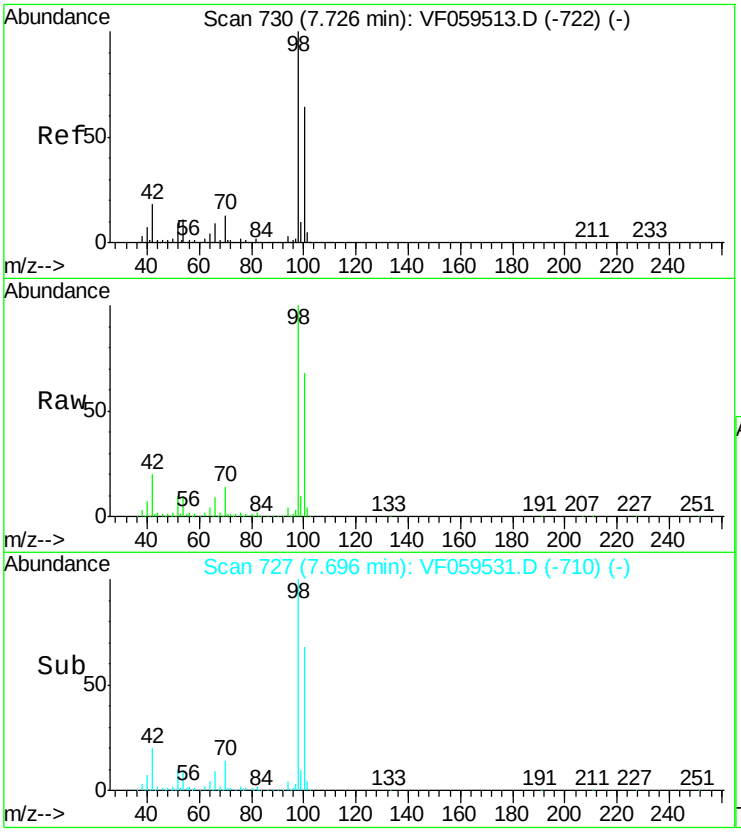


#39
Methylcyclohexane
Concen: 1.488 ug/l
RT: 5.74 min Scan# 529
Delta R.T. 0.11 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Tgt Ion: 83 Resp: 3853

Ion	Ratio	Lower	Upper
83	100		
55	25.3	70.2	105.4#
98	0.0	36.2	54.2#



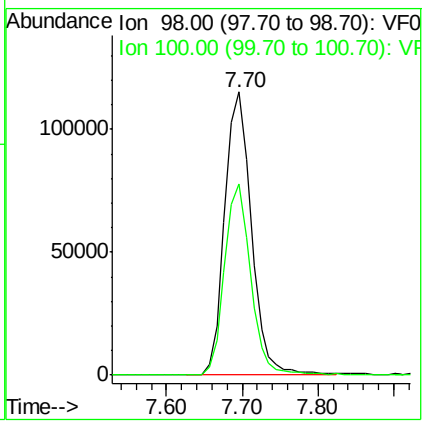


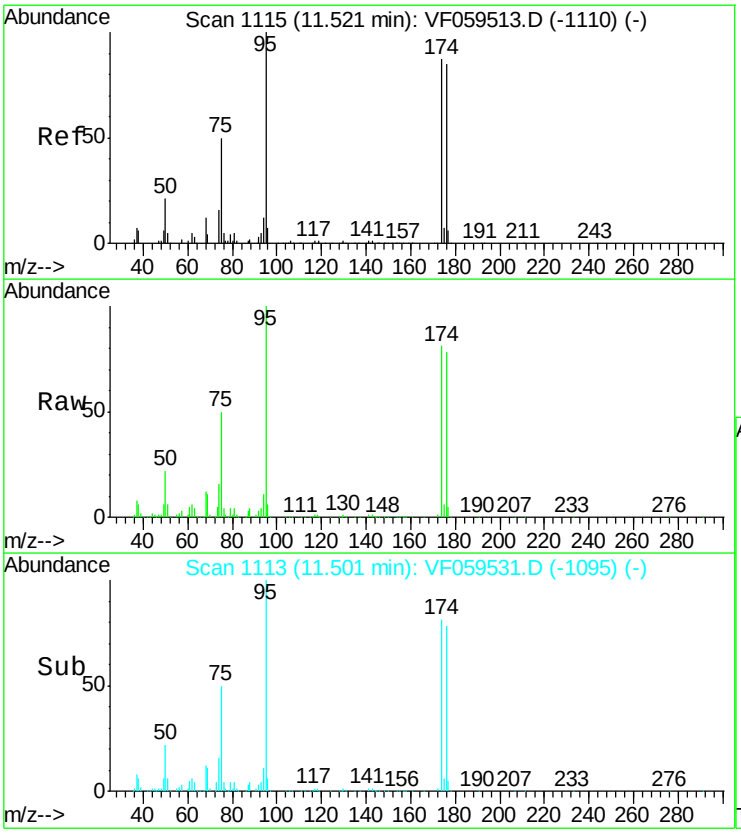
#50
Toluene-d8
Concen: 38.002 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 282566

Ion	Ratio	Lower	Upper
98	100		
100	67.8	50.9	76.3

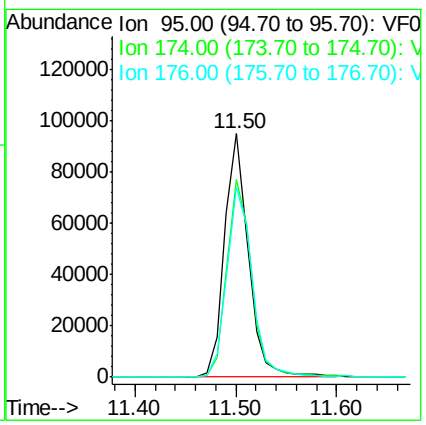


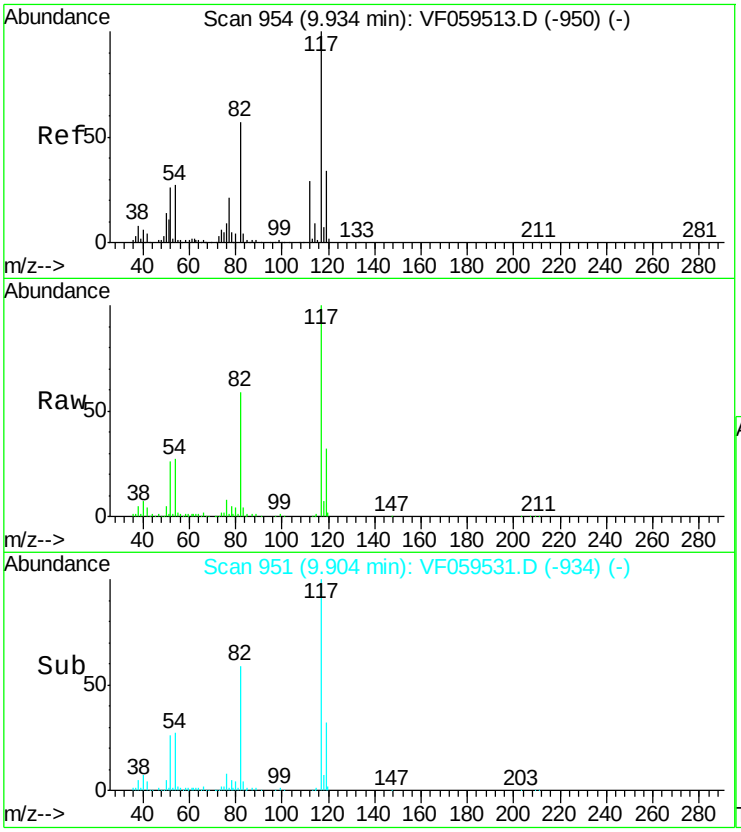


#62
4-Bromofluorobenzene
Concen: 39.985 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Tgt Ion: 95 Resp: 155968

Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	174.4
176	78.0	0.0	169.4



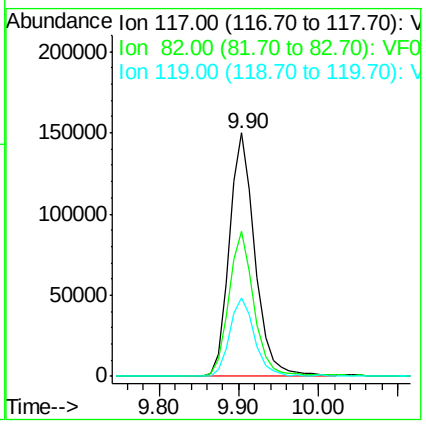


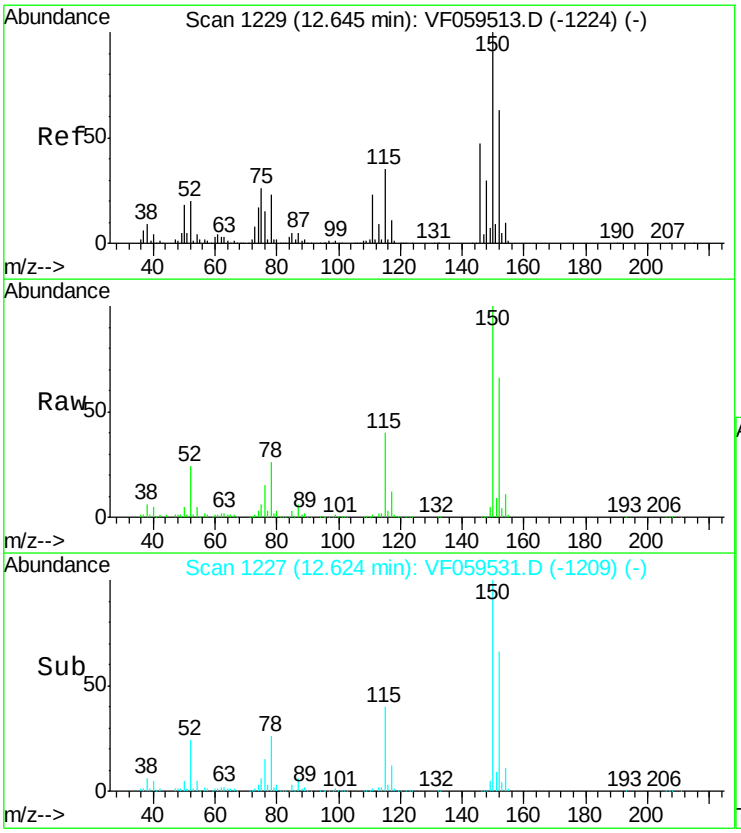
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF059531.D
Acq: 19 Jul 2018 00:00

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 338559

Ion	Ratio	Lower	Upper
117	100		
82	59.5	46.1	69.1
119	32.5	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: VF059531.D
Acq: 19 Jul 2018 00:00

Tgt Ion:152 Resp: 197865

Ion	Ratio	Lower	Upper
152	100		
115	61.0	27.8	83.3
150	151.2	0.0	318.4