Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110818\
Data File : VF060657.D
Acq On : 8 Nov 2018 18:45
Operator : VA/AP
Sample : J5858-07
Misc : 5.94g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 09 12:34:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.86	168	254841	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.59	114	434988	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.77	117	411286	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	225102	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.84	65	110749	43.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.02%				
35) Dibromofluoromethane	4.10	113	140493	41.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.60%				
50) Toluene-d8	7.55	98	351913	35.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 70.70%				
62) 4-Bromofluorobenzene	11.41	95	173470	39.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.68%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.95	85	268	Below Cal	#		41
6) Chloroethane	1.35	64	62	Below Cal	#		1
11) Tert butyl alcohol	2.57	59	69	Below Cal	#		1
13) Acrolein	1.86	56	368	Below Cal			87
15) Acrylonitrile	2.97	53	315	1.027	ug/l	#	5
16) Acetone	2.23	43	11412	18.809	ug/l		93
18) Methyl Acetate	2.34	43	1466	2.020	ug/l	#	64
20) Methylene Chloride	2.23	84	7656	Below Cal			93
25) 2-Butanone	4.44	43	832	Below Cal			99
29) Tetrahydrofuran	4.07	42	1834	Below Cal	#		65
49) 1,4-Dioxane	6.74	88	67	3.504	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.28	43	2357	1.205	ug/l	#	69
58) 2-Chloroethyl Vinyl ether	7.63	63	86	Below Cal			100
59) 2-Hexanone	9.49	43	2336	Below Cal			81
74) N-amyl acetate	11.36	43	1315	Below Cal	#		60
89) n-Butylbenzene	12.84	91	794	Below Cal	#		63

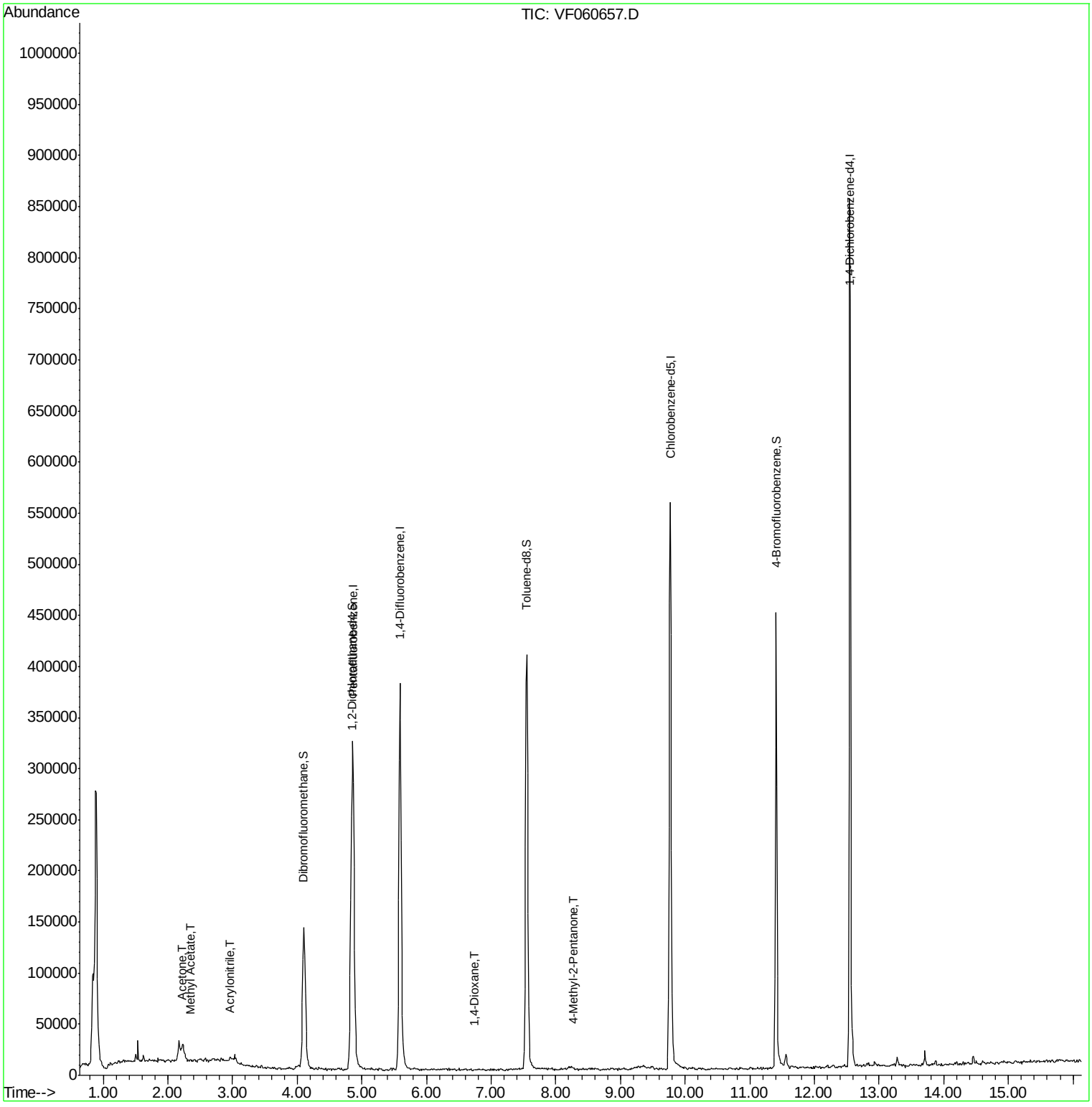
(#) = qualifier out of range (m) = manual integration (+) = signals summed

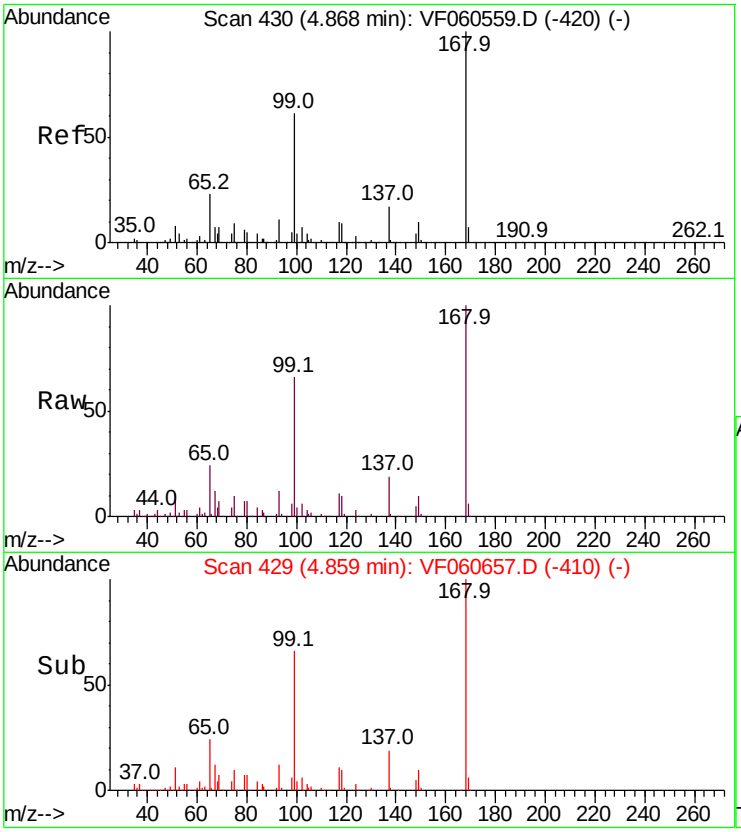
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110818\
Data File : VF060657.D
Acq On : 8 Nov 2018 18:45
Operator : VA/AP
Sample : J5858-07
Misc : 5.94g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 09 12:34:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration



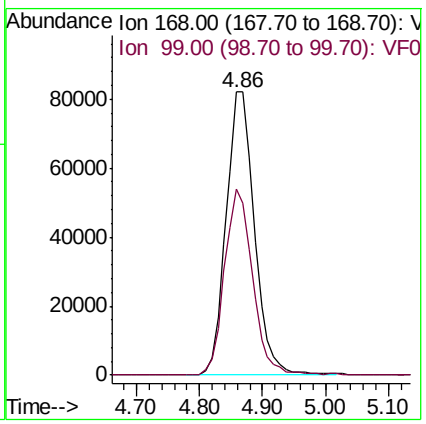


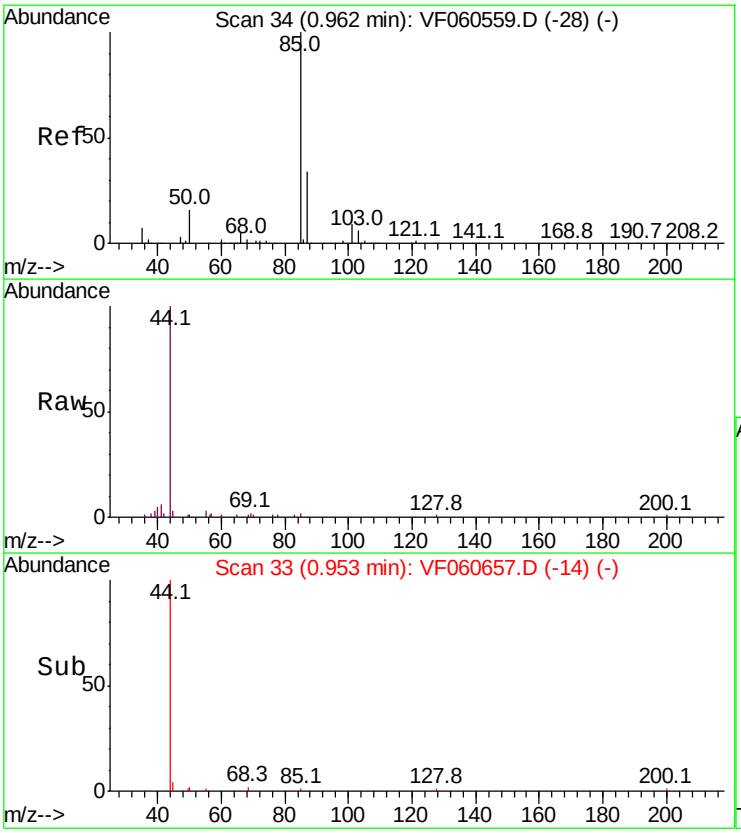
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.01 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 254841

Ion	Ratio	Lower	Upper
168	100		
99	65.6	48.6	72.8

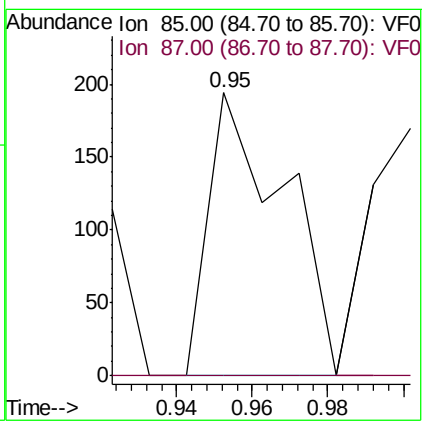


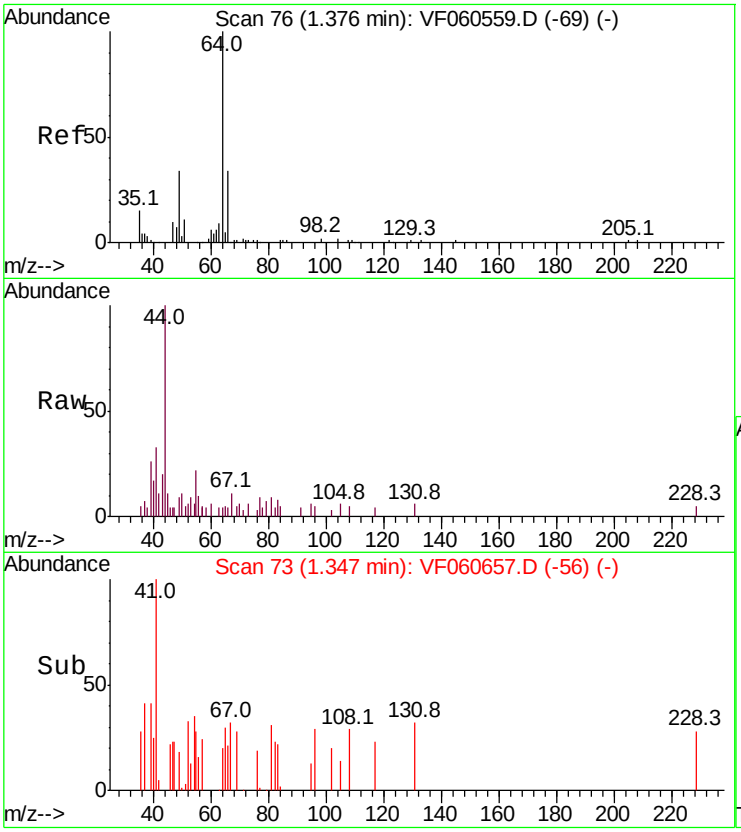


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.95 min Scan# 33
Delta R.T. -0.01 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Tgt Ion: 85 Resp: 268

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



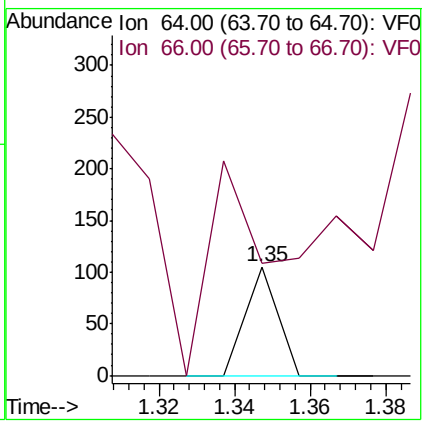


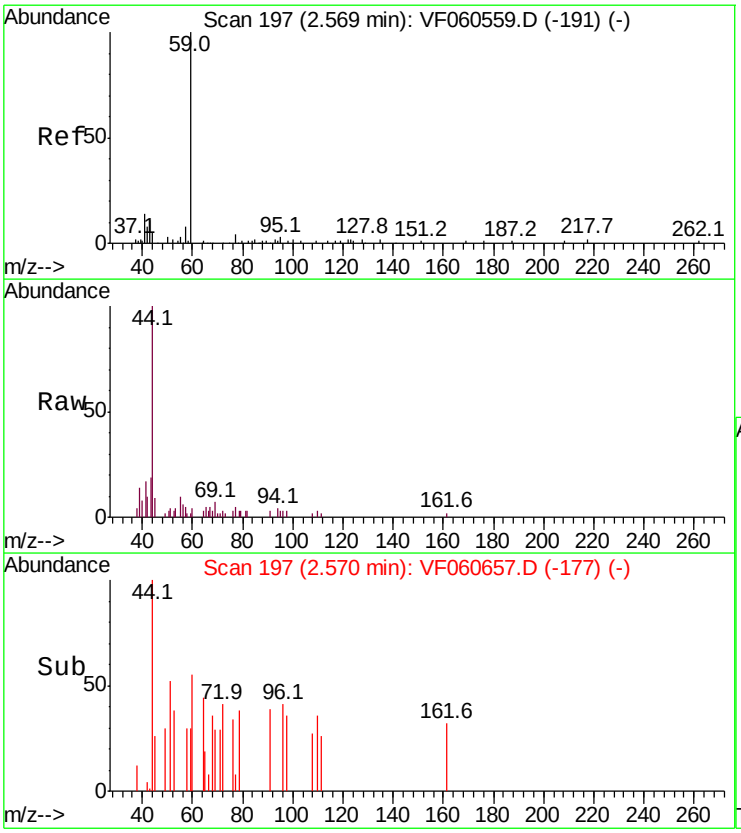
#6
Chloroethane
Concen: Below Cal
RT: 1.35 min Scan# 73
Delta R.T. -0.03 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 64 Resp: 62

Ion	Ratio	Lower	Upper
64	100		
66	103.8	27.8	41.8#

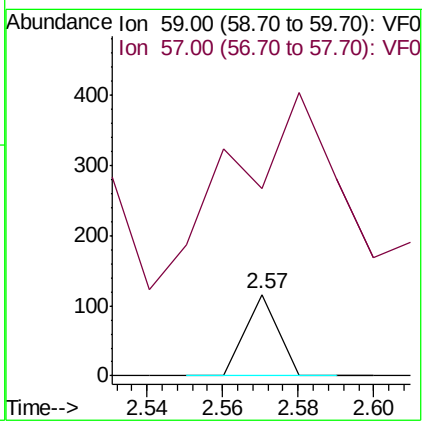


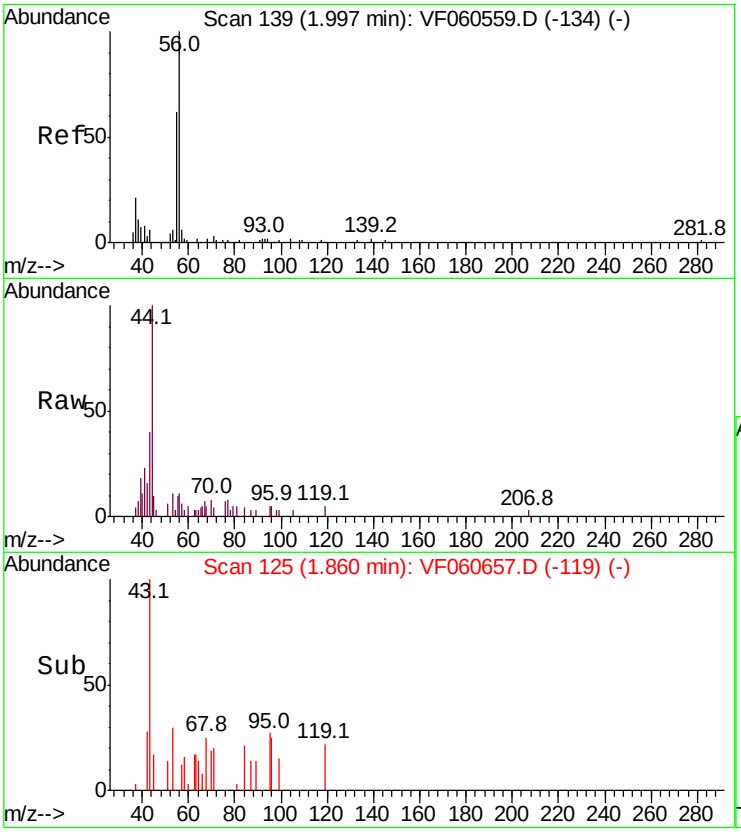


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.57 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Tgt Ion: 59 Resp: 69

Ion	Ratio	Lower	Upper
59	100		
57	230.2	19.0	28.4#



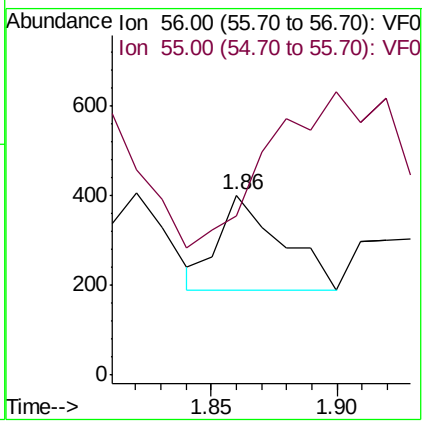


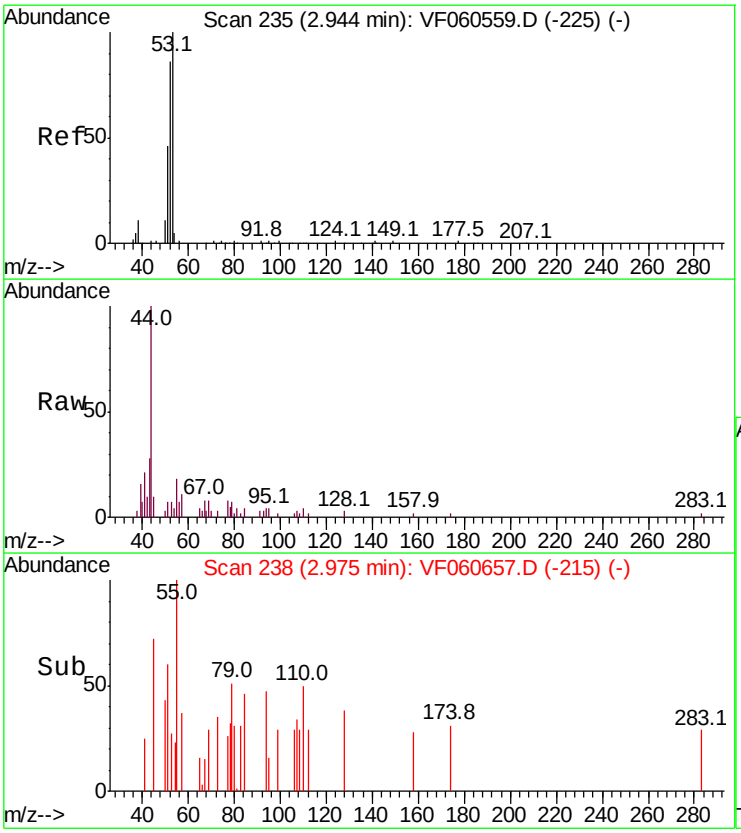
#13
Acrolein
Concen: Below Cal
RT: 1.86 min Scan# 125
Delta R.T. -0.14 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 368

Ion	Ratio	Lower	Upper
56	100		
55	88.1	61.8	92.6

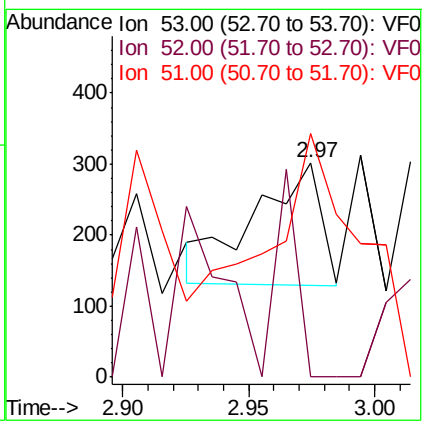


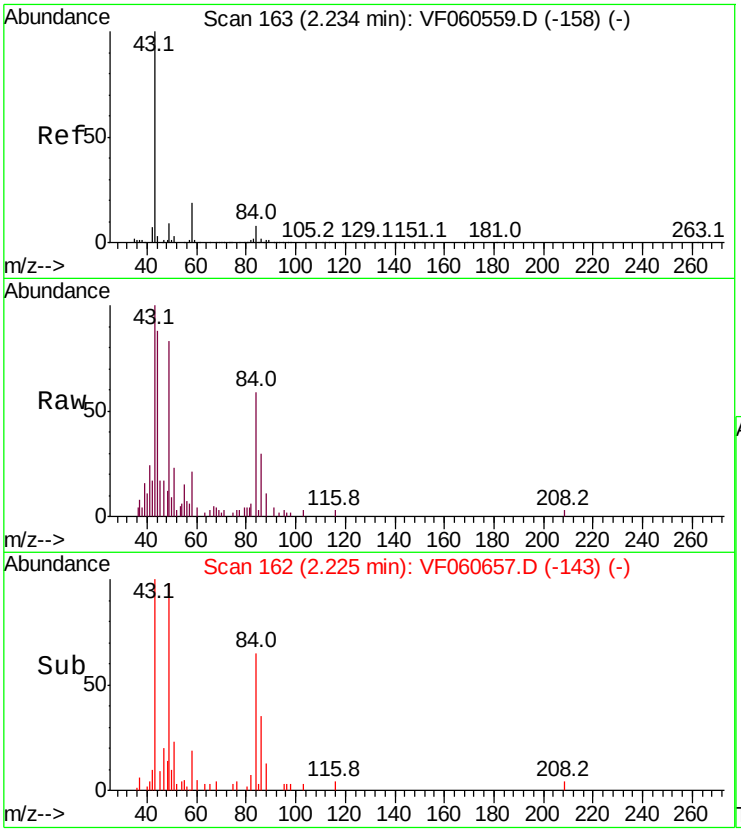


#15
Acrylonitrile
Concen: 1.027 ug/l
RT: 2.97 min Scan# 238
Delta R.T. 0.03 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Tgt Ion: 53 Resp: 315

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.5	102.7#
51	113.6	38.2	57.2#



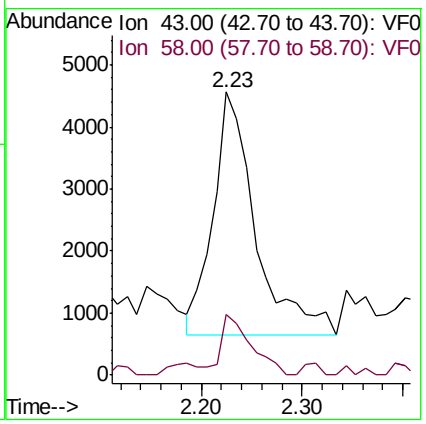


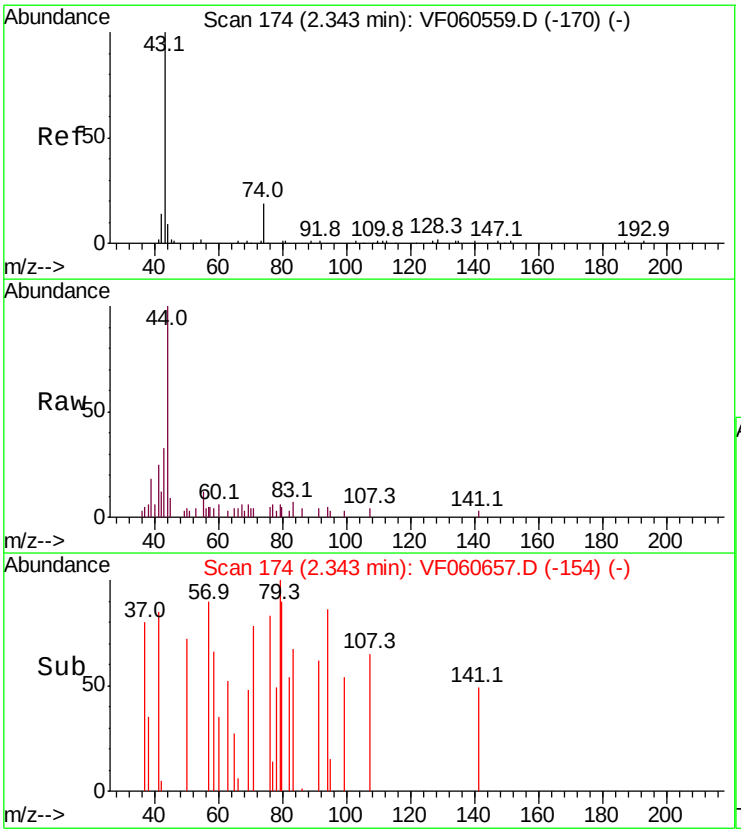
#16
Acetone
Concen: 18.809 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 11412

Ion	Ratio	Lower	Upper
43	100		
58	21.4	14.6	22.0

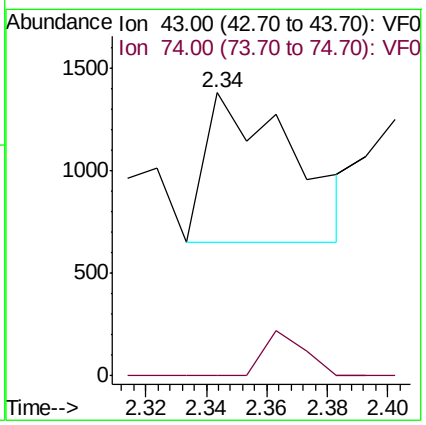


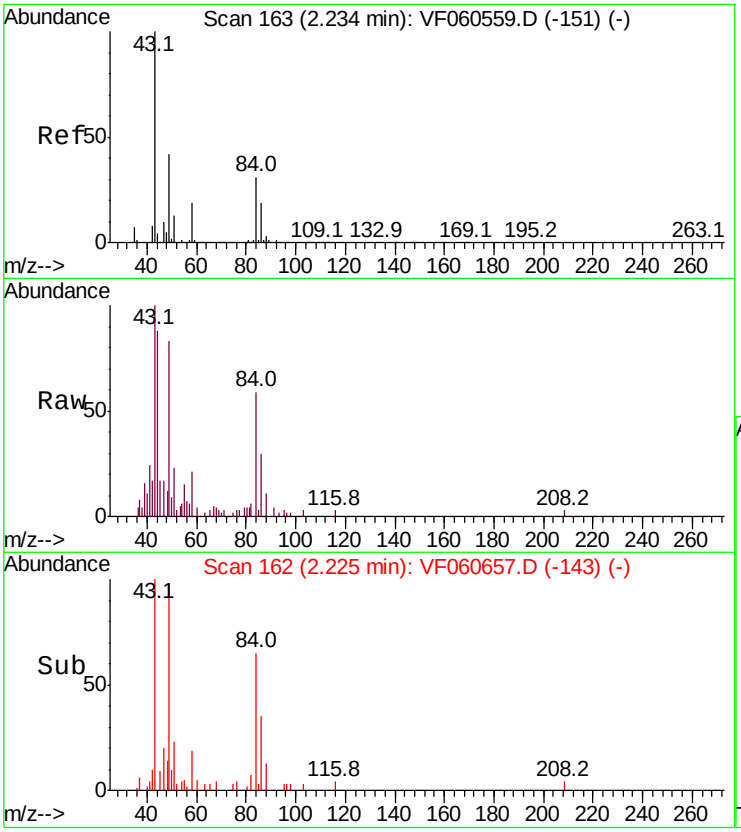


#18
Methyl Acetate
Concen: 2.020 ug/l
RT: 2.34 min Scan# 174
Delta R.T. 0.00 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Tgt Ion: 43 Resp: 1466

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#



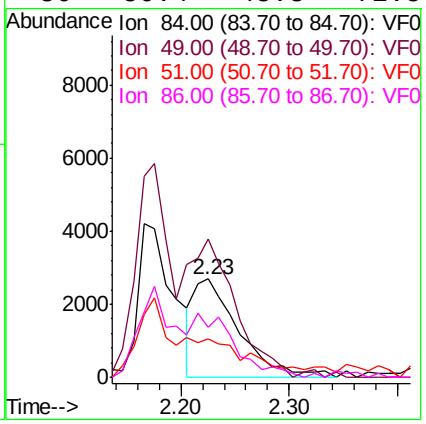


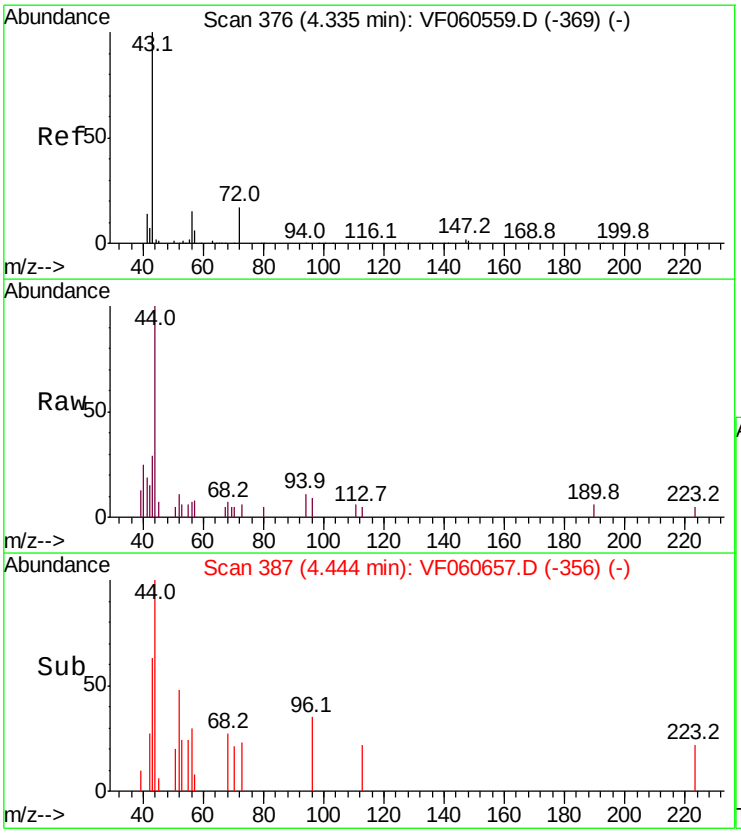
#20
Methylene Chloride
Concen: Below Cal
RT: 2.23 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 7656

Ion	Ratio	Lower	Upper
84	100		
49	141.0	109.9	164.9
51	39.1	35.8	53.8
86	50.4	48.3	72.5

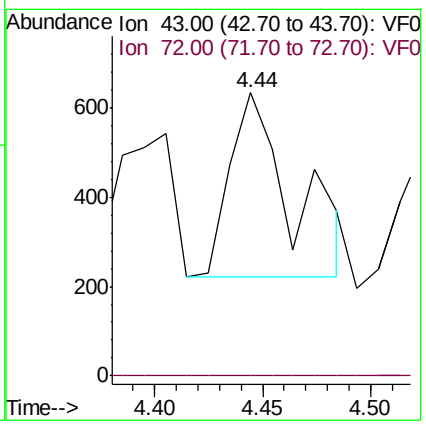


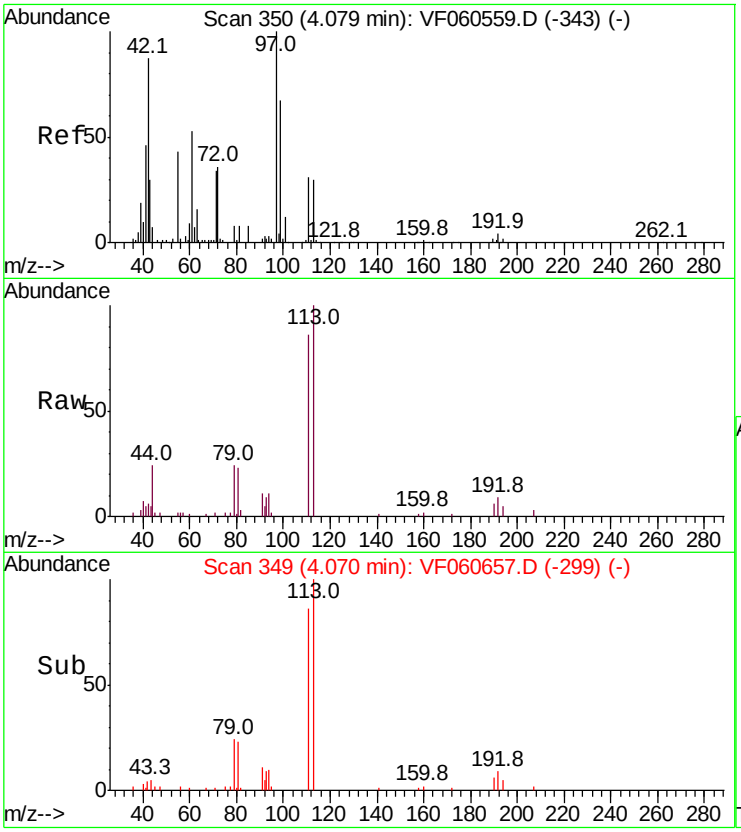


#25
2-Butanone
Concen: Below Cal
RT: 4.44 min Scan# 387
Delta R.T. 0.11 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Tgt Ion: 43 Resp: 832

Ion	Ratio	Lower	Upper
43	100		
72	19.6	16.2	24.2



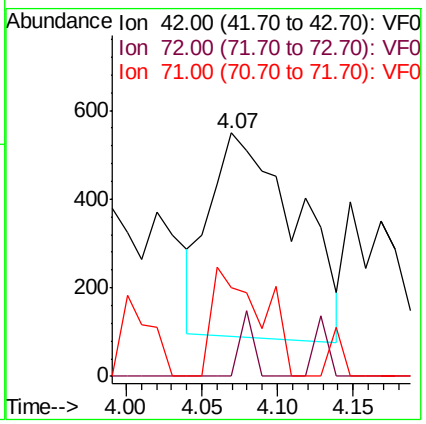


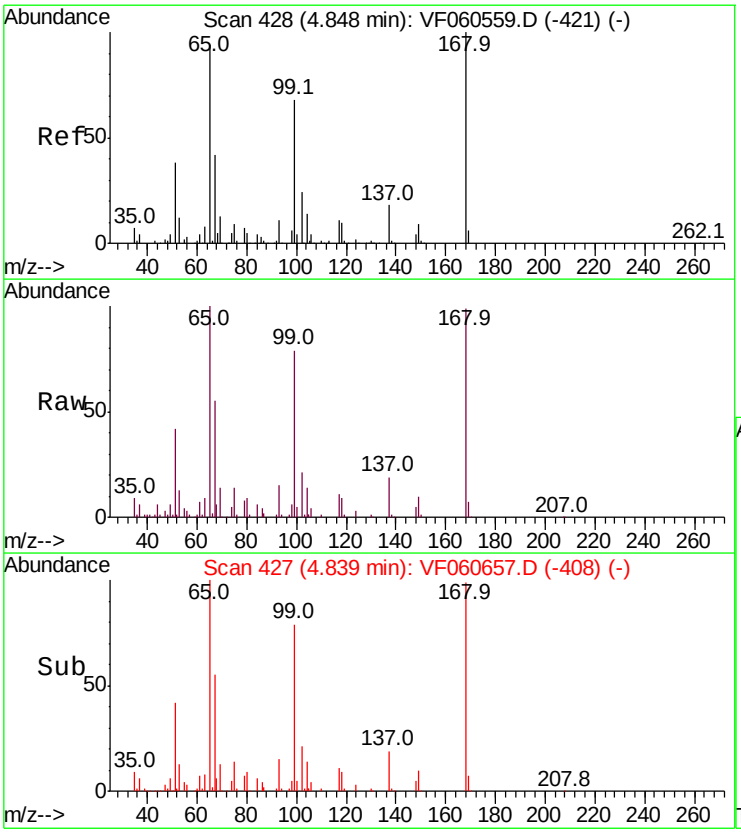
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.07 min Scan# 349
Delta R.T. -0.01 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 1834

Ion	Ratio	Lower	Upper
42	100		
72	4.9	31.4	47.0#
71	30.6	31.8	47.6#

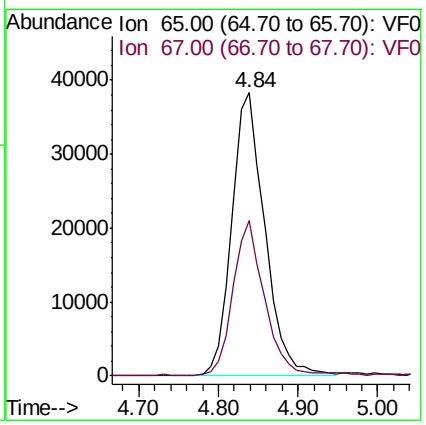


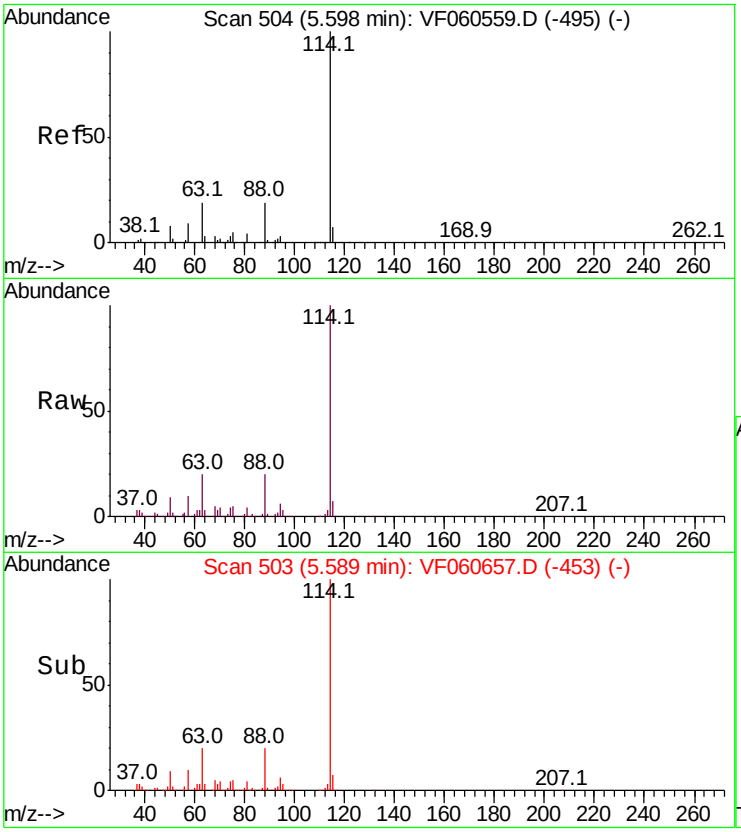


#33
1,2-Dichloroethane-d4
Concen: 43.012 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Tgt Ion: 65 Resp: 110749

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	101.8



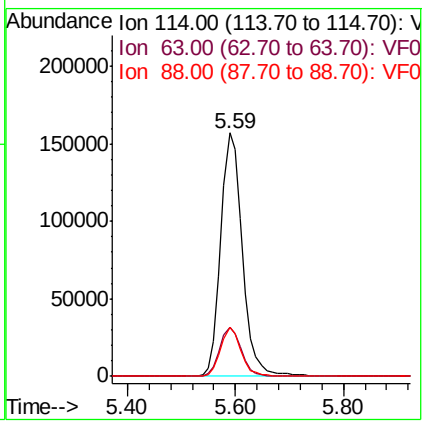


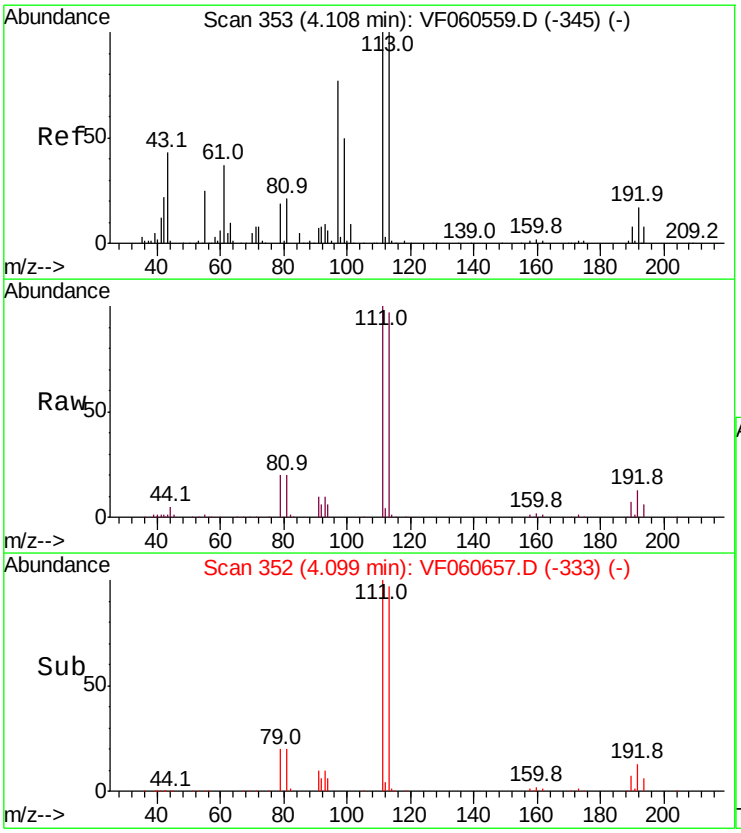
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.01 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 434988

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	20.2	0.0	38.2

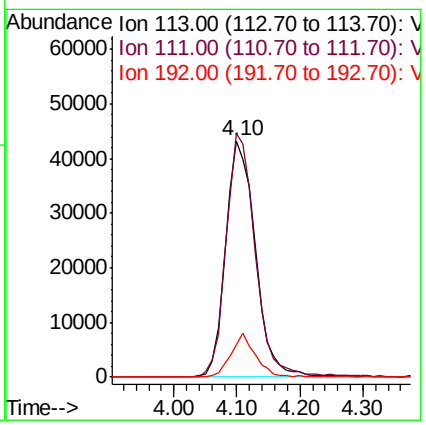


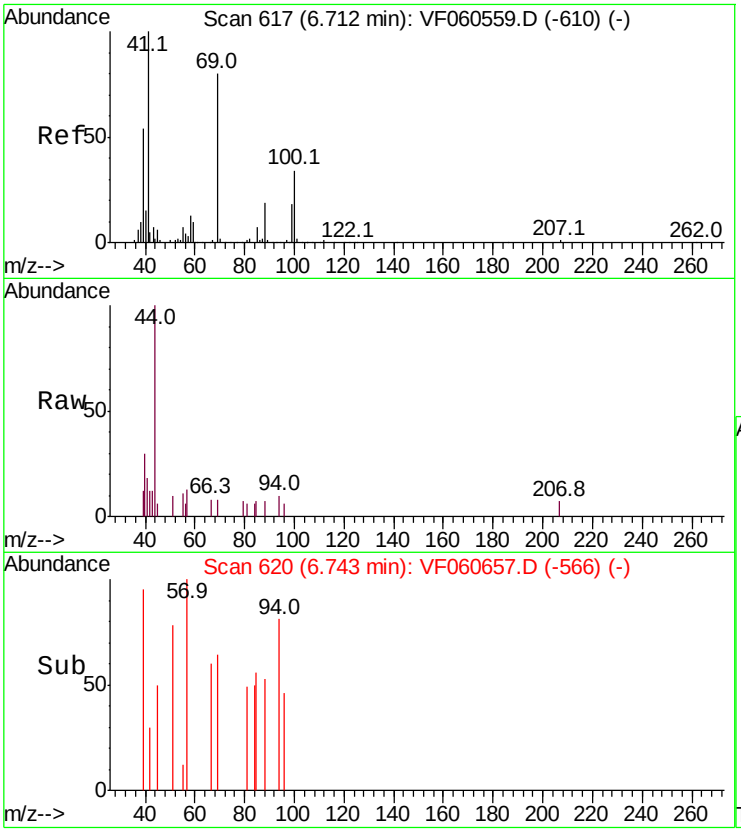


#35
Dibromofluoromethane
Concen: 41.805 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Tgt Ion:113 Resp: 140493

Ion	Ratio	Lower	Upper
113	100		
111	103.2	79.9	119.9
192	13.6	13.3	19.9



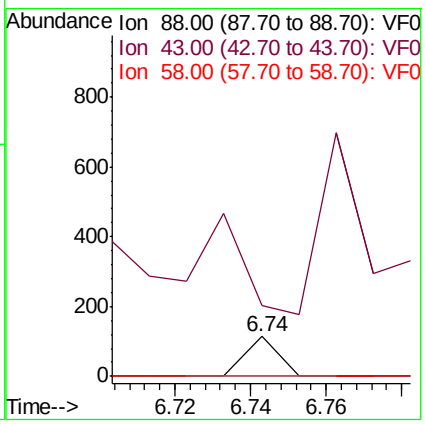


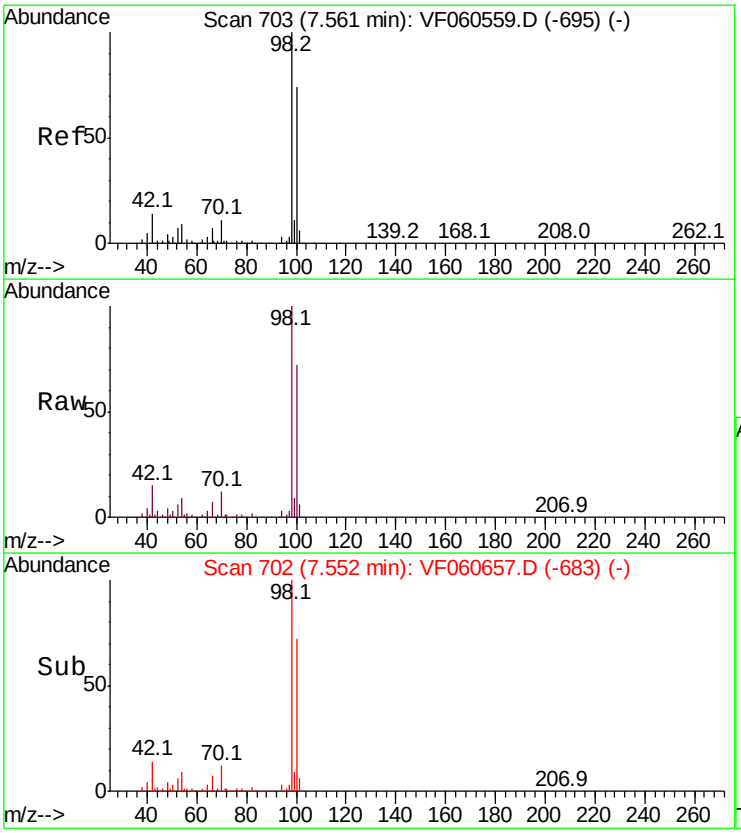
#49
1,4-Dioxane
Concen: 3.504 ug/l
RT: 6.74 min Scan# 620
Delta R.T. 0.03 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	178.9	61.2	91.8#
58	0.0	56.9	85.3#

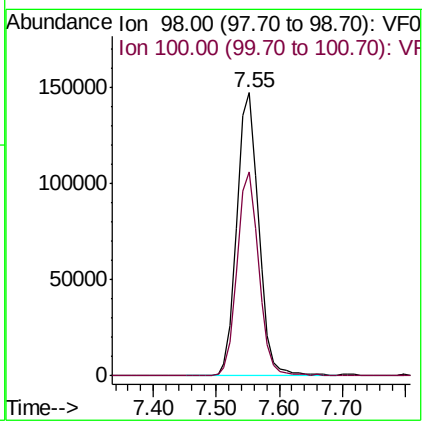


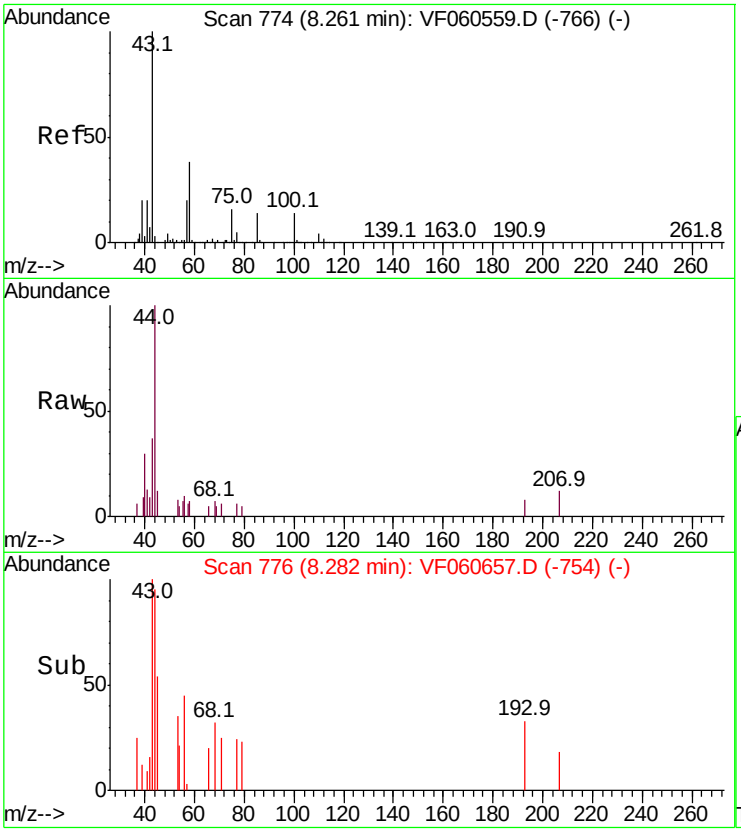


#50
Toluene-d8
Concen: 35.349 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Tgt Ion: 98 Resp: 351913

Ion	Ratio	Lower	Upper
98	100		
100	72.2	59.4	89.2



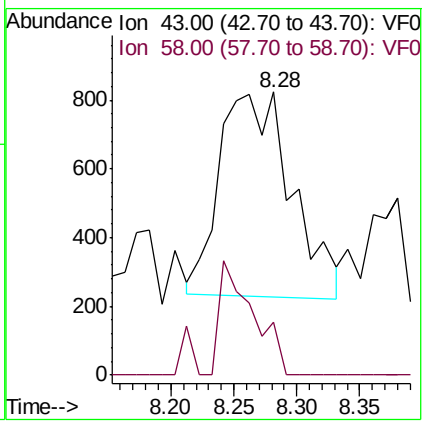


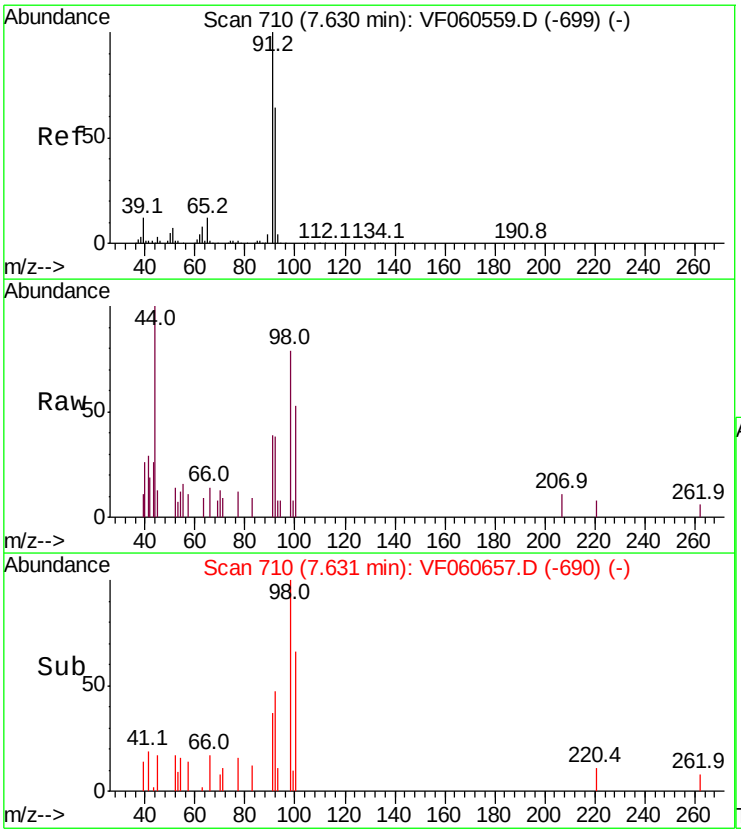
#51
4-Methyl-2-Pentanone
Concen: 1.205 ug/l
RT: 8.28 min Scan# 776
Delta R.T. 0.02 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2357

Ion	Ratio	Lower	Upper
43	100		
58	18.7	30.1	45.1#

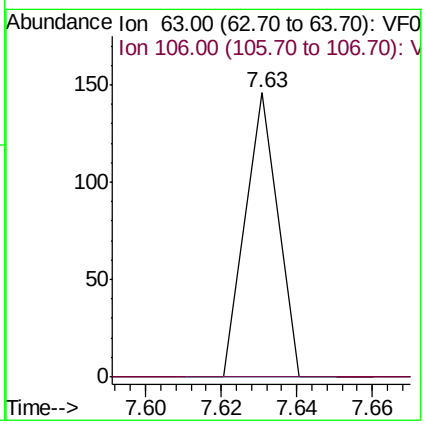


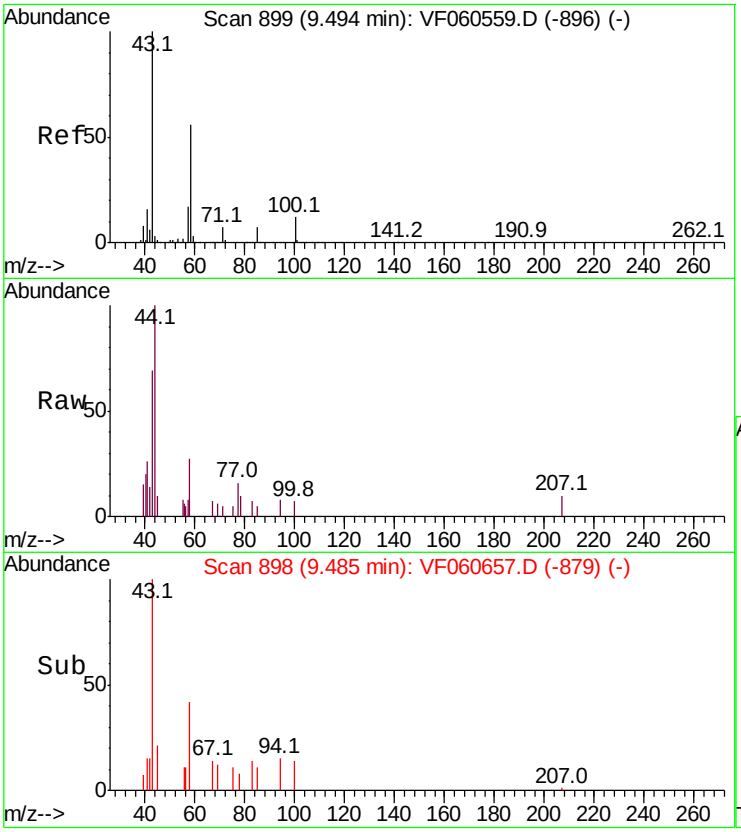


#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.63 min Scan# 710
Delta R.T. 0.00 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Tgt Ion: 63 Resp: 86

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



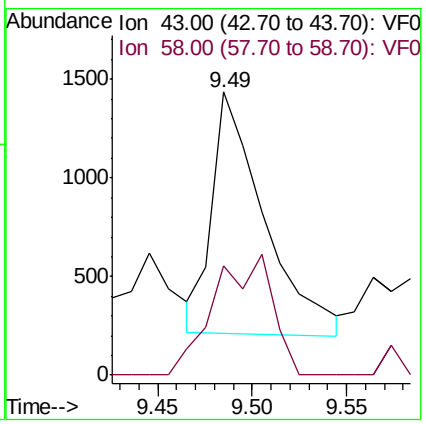


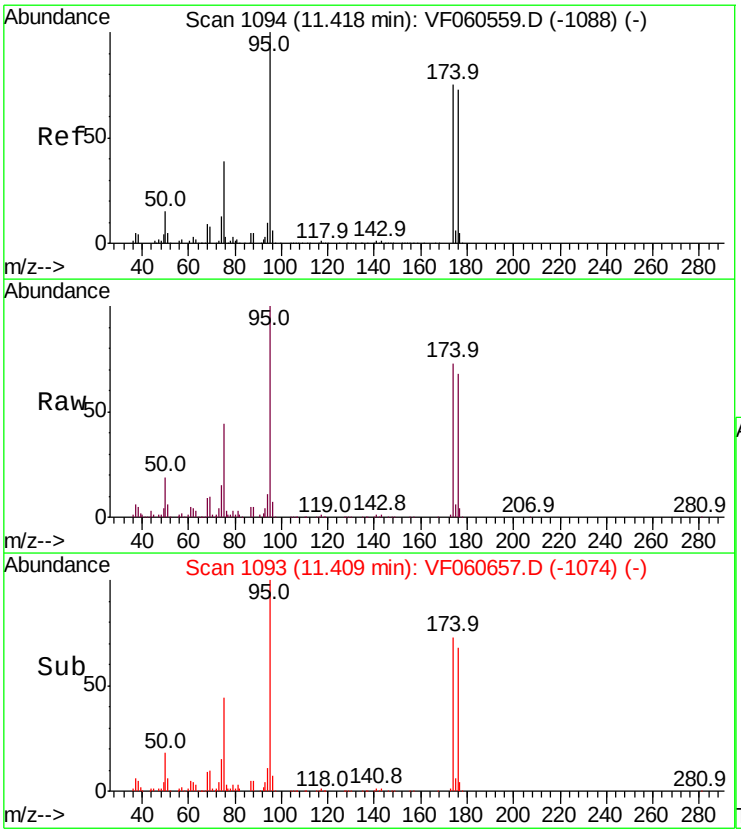
#59
2-Hexanone
Concen: Below Cal
RT: 9.49 min Scan# 898
Delta R.T. -0.01 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2336

Ion	Ratio	Lower	Upper
43	100		
58	38.8	26.1	78.3

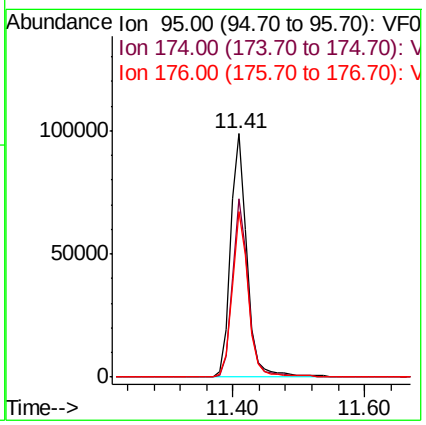


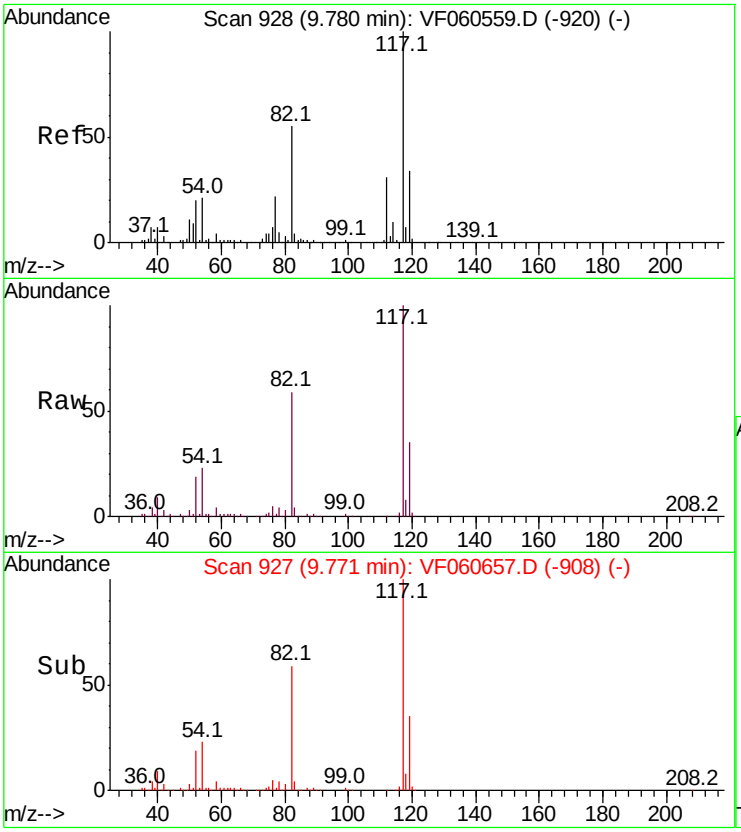


#62
4-Bromofluorobenzene
Concen: 39.836 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Tgt Ion: 95 Resp: 173470

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	149.0
176	68.2	0.0	145.6



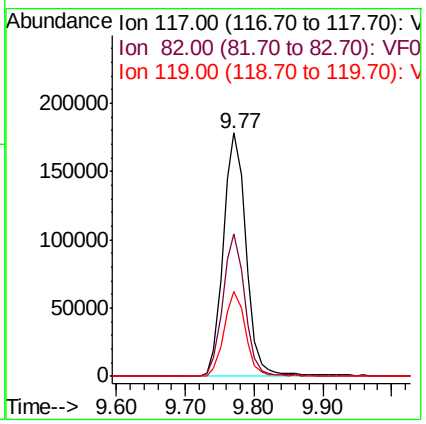


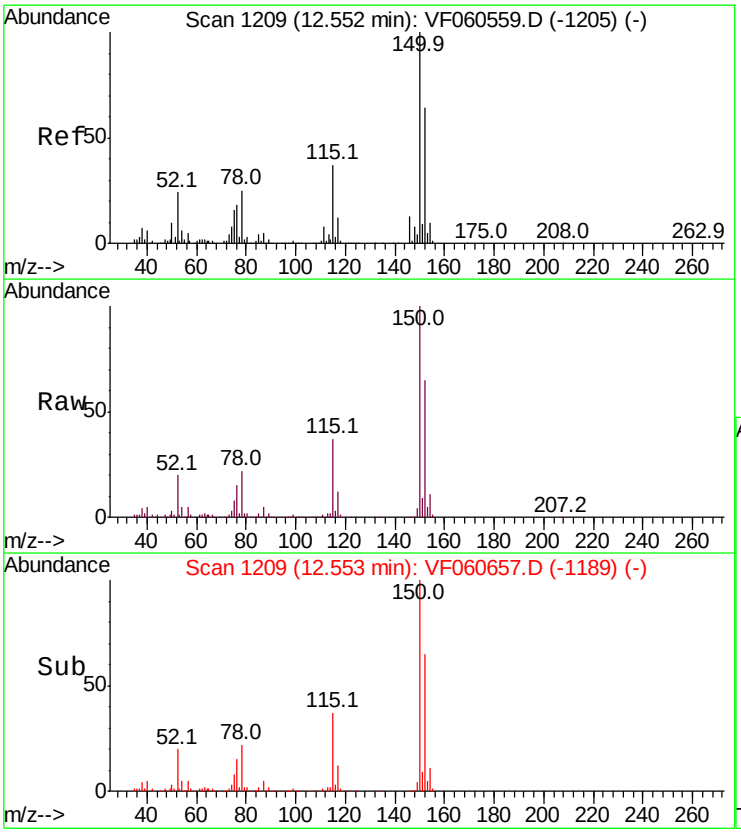
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 411286

Ion	Ratio	Lower	Upper
117	100		
82	58.6	43.9	65.9
119	34.9	27.4	41.0

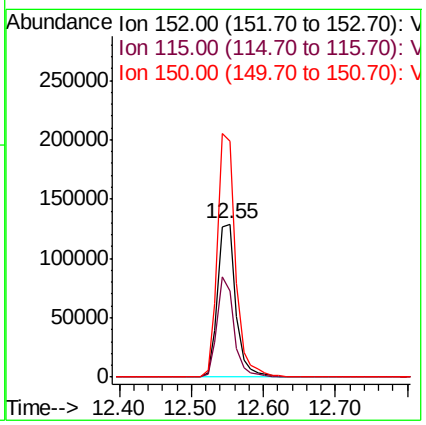


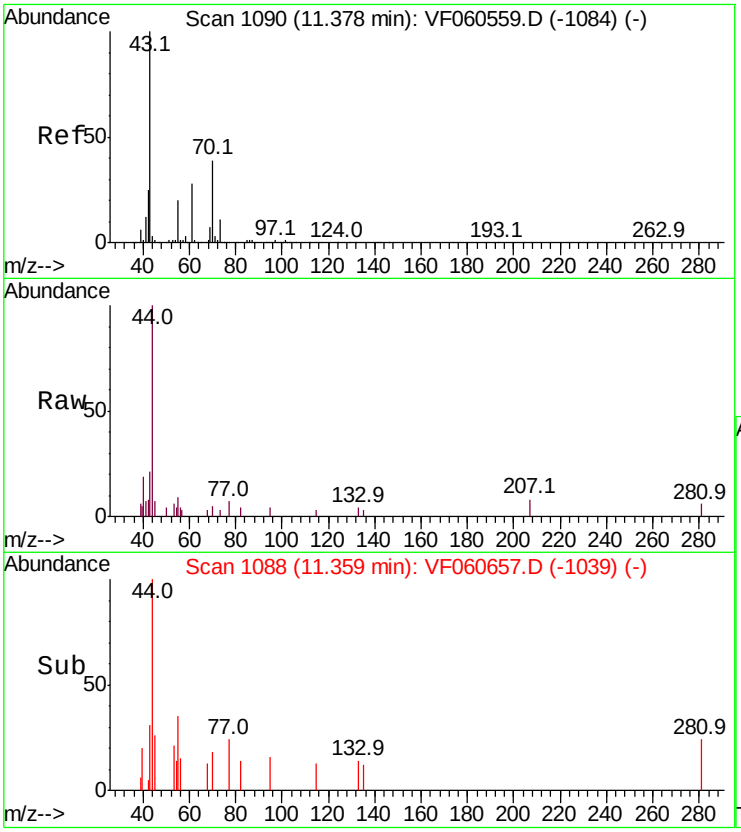


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Tgt Ion:152 Resp: 225102

Ion	Ratio	Lower	Upper
152	100		
115	56.5	29.6	88.8
150	154.5	0.0	315.6





#74
N-amvl acetate
Concen: Below Cal
RT: 11.36 min Scan# 1088
Delta R.T. -0.02 min
Lab File: VF060657.D
Acq: 8 Nov 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1315

Ion	Ratio	Lower	Upper
43	100		
70	22.9	30.9	46.3#
55	44.0	16.6	24.8#
61	0.0	22.0	33.0#