Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110618\
Data File : VF060623.D
Acq On : 6 Nov 2018 20:18
Operator : VA/AP
Sample : J5819-04
Misc : 4.06g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 07 11:48:23 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	4.89	168	252083	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.62	114	458265	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.80	117	426968	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	212052	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	151532	59.49	ug/l	0.02
Spiked Amount 50.000			Recovery = 118.98%			
35) Dibromofluoromethane	4.13	113	180185	50.89	ug/l	0.03
Spiked Amount 50.000			Recovery = 101.78%			
50) Toluene-d8	7.58	98	445653	42.49	ug/l	0.02
Spiked Amount 50.000			Recovery = 84.98%			
62) 4-Bromofluorobenzene	11.42	95	221064	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.97	85	269	Below Cal	#	41
6) Chloroethane	1.39	64	199	Below Cal	#	1
11) Tert butyl alcohol	2.60	59	419	Below Cal	#	1
13) Acrolein	1.98	56	494	Below Cal	#	1
15) Acrylonitrile	2.93	53	803	2.645 ug/l	#	35
16) Acetone	2.26	43	6878	11.460 ug/l		94
18) Methyl Acetate	2.34	43	1870	2.466 ug/l	#	64
20) Methylene Chloride	2.24	84	5159	Below Cal	#	81
25) 2-Butanone	4.37	43	2940	Below Cal	#	82
29) Tetrahydrofuran	4.10	42	1311	Below Cal	#	66
49) 1,4-Dioxane	6.46	88	74	3.674 ug/l	#	1
52) Toluene	7.65	92	10240	1.283 ug/l		97
58) 2-Chloroethyl Vinyl ether	7.65	63	1572	Below Cal		100
59) 2-Hexanone	9.52	43	1948	Below Cal	#	62
74) N-amyl acetate	11.35	43	1515	Below Cal	#	44
89) n-Butylbenzene	12.85	91	1108	Below Cal	#	55

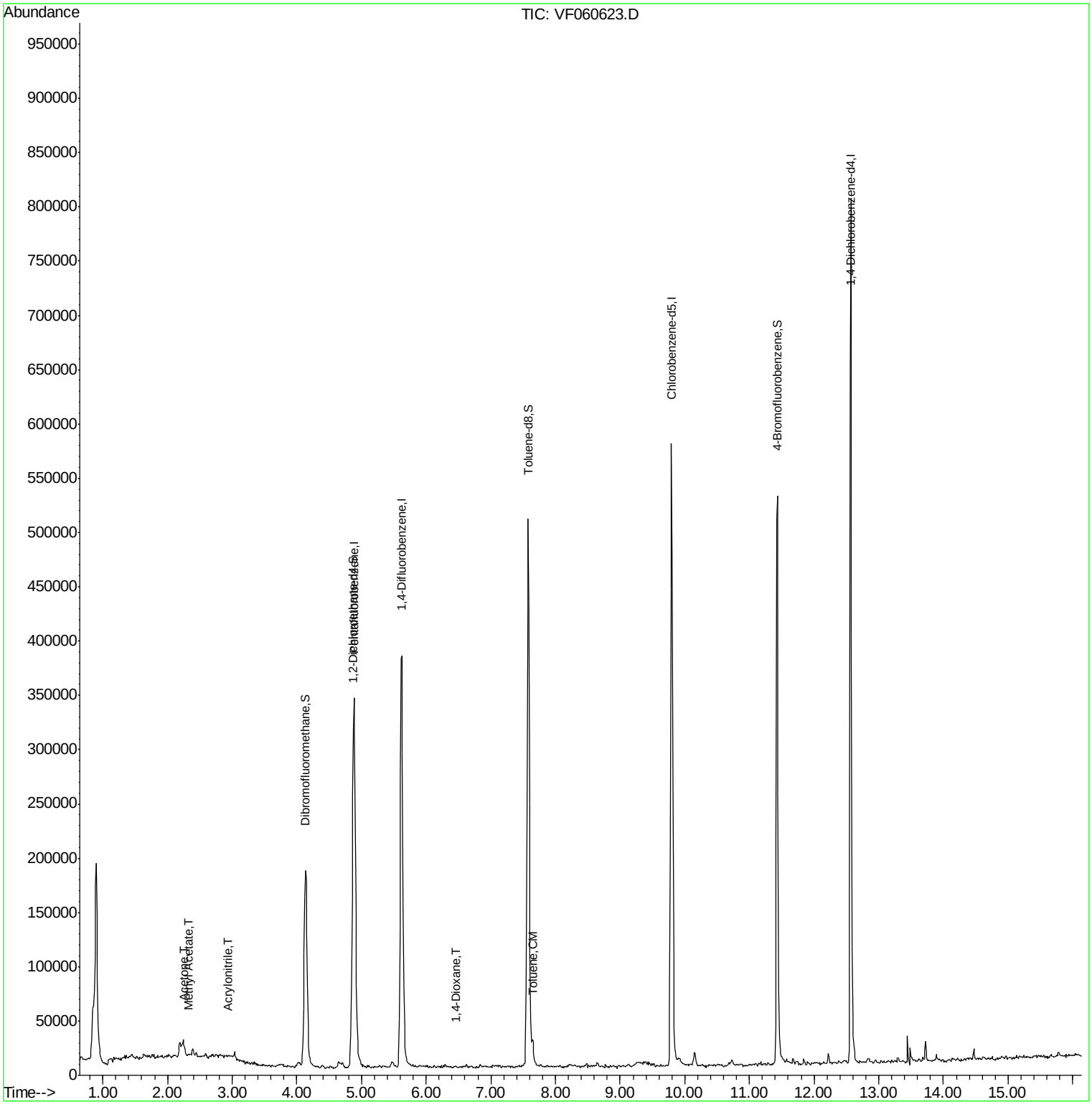
(#) = qualifier out of range (m) = manual integration (+) = signals summed

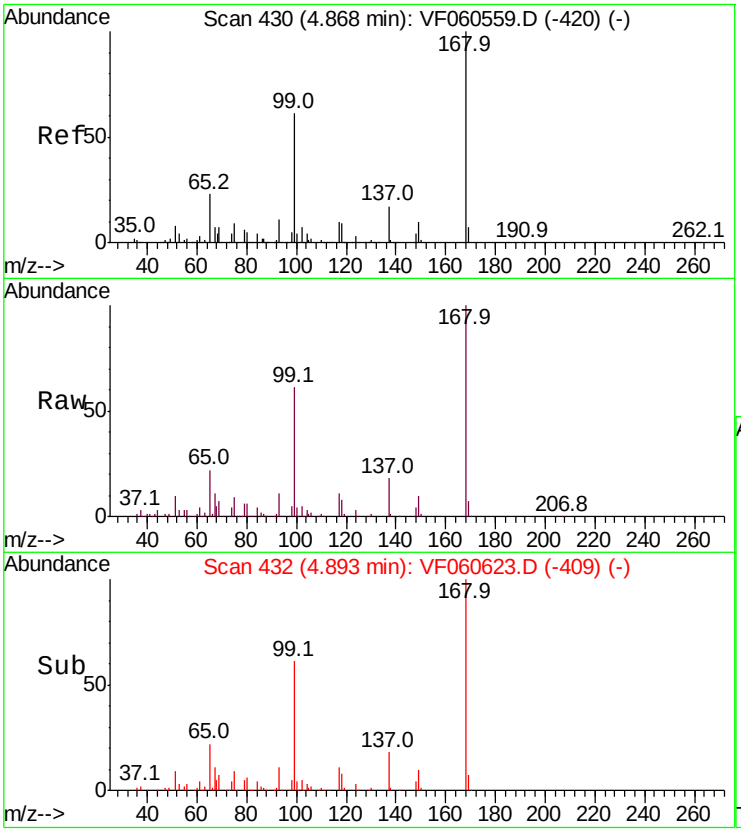
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110618\
Data File : VF060623.D
Acq On : 6 Nov 2018 20:18
Operator : VA/AP
Sample : J5819-04
Misc : 4.06g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 07 11:48:23 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



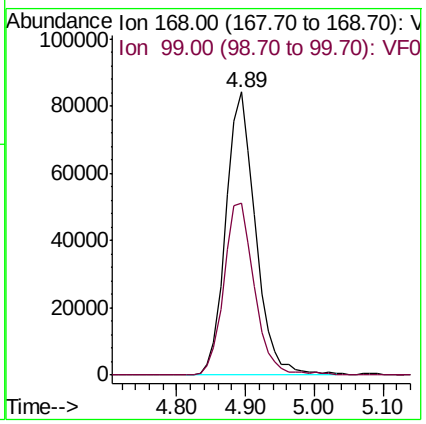


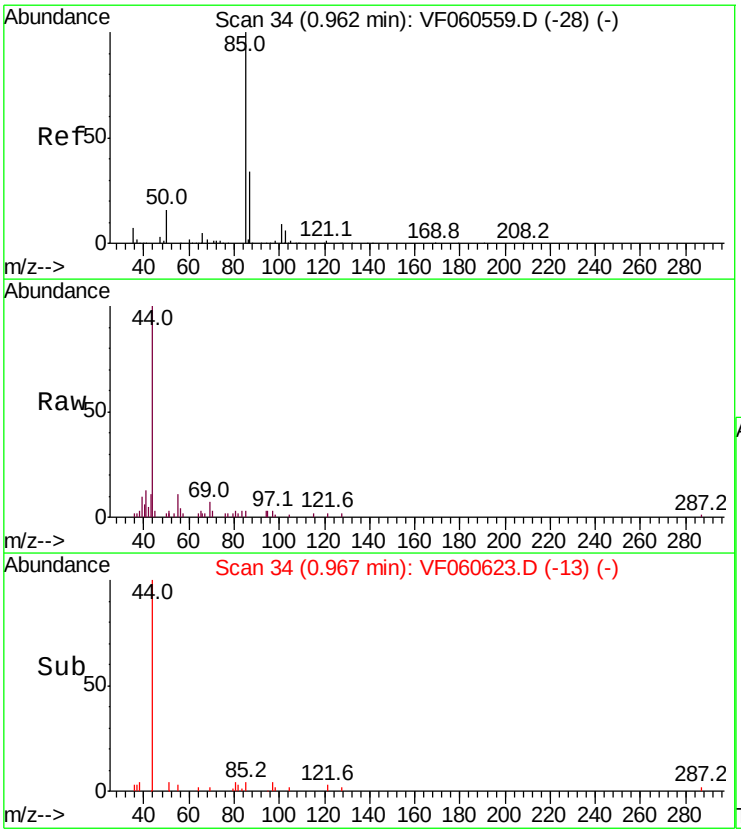
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. 0.03 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 252083

Ion	Ratio	Lower	Upper
168	100		
99	61.0	48.6	72.8

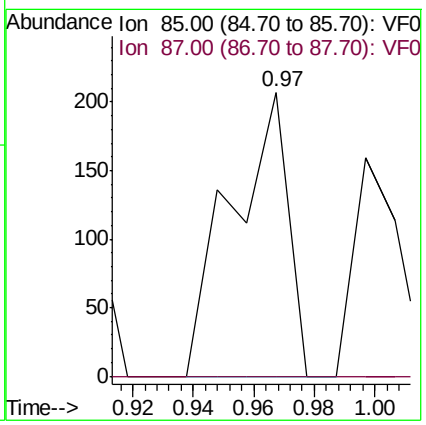


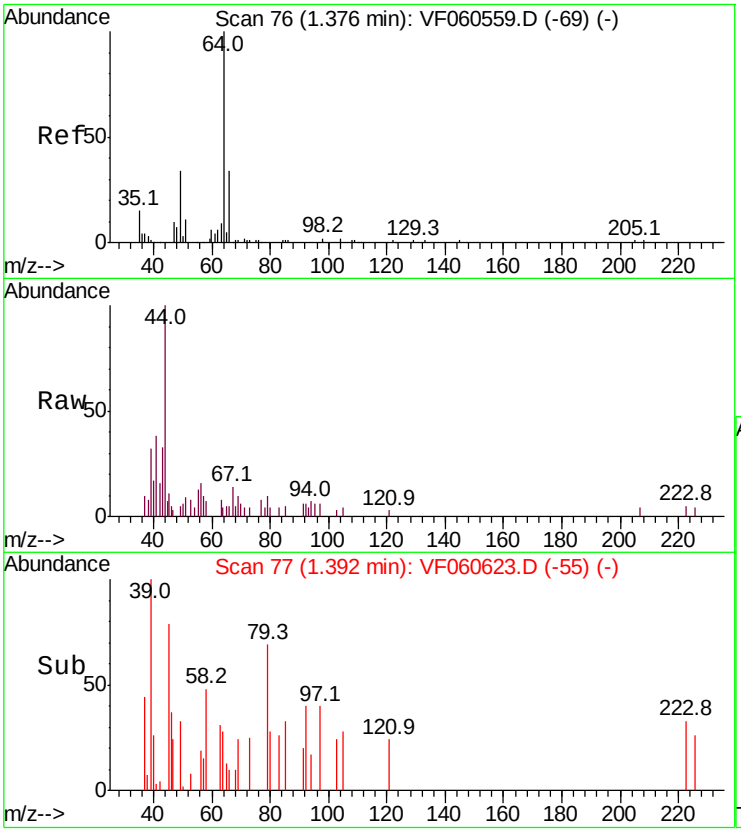


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.97 min Scan# 34
Delta R.T. 0.01 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Tgt Ion: 85 Resp: 269

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



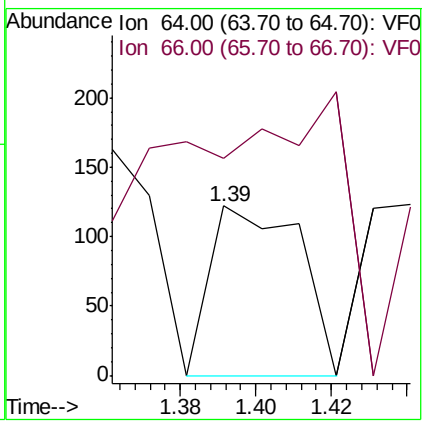


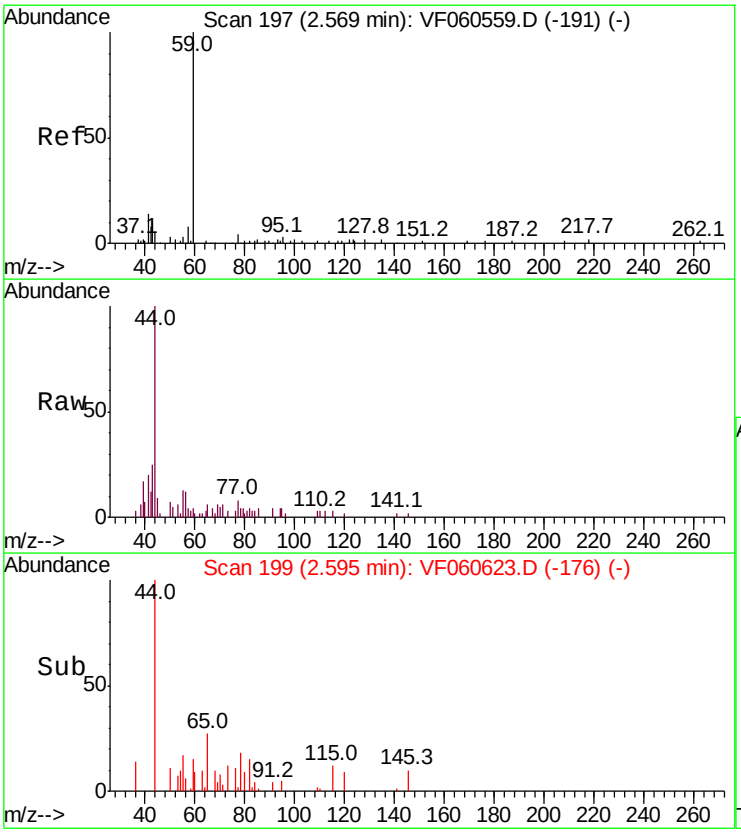
#6
Chloroethane
Concen: Below Cal
RT: 1.39 min Scan# 77
Delta R.T. 0.02 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 64 Resp: 199

Ion	Ratio	Lower	Upper
64	100		
66	127.9	27.8	41.8#

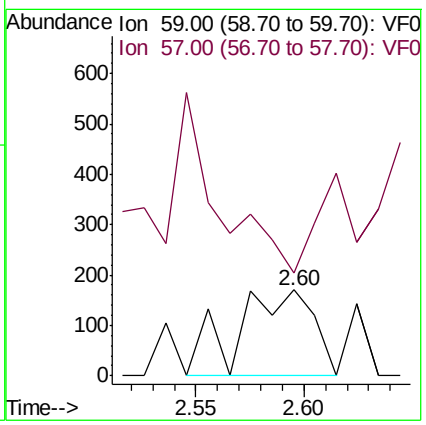


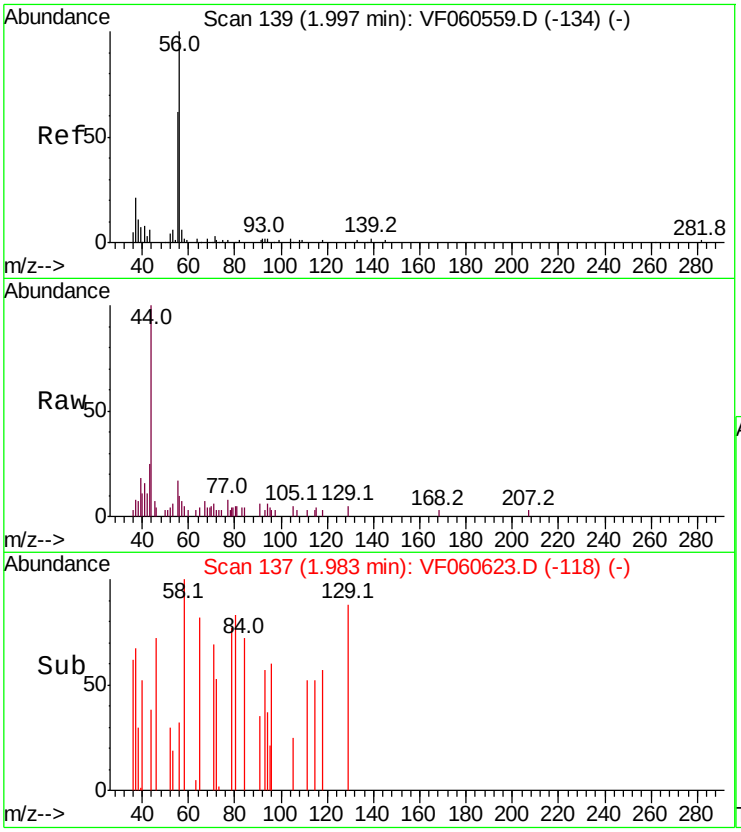


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.60 min Scan# 199
Delta R.T. 0.03 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Tgt Ion: 59 Resp: 419

Ion	Ratio	Lower	Upper
59	100		
57	119.4	19.0	28.4#



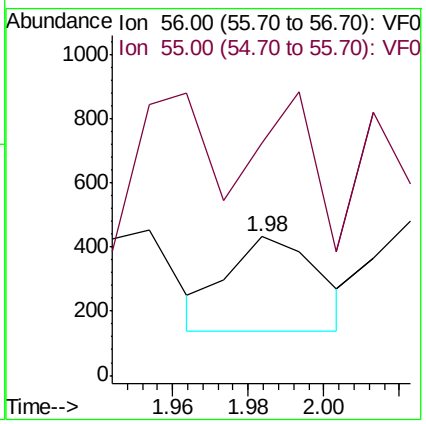


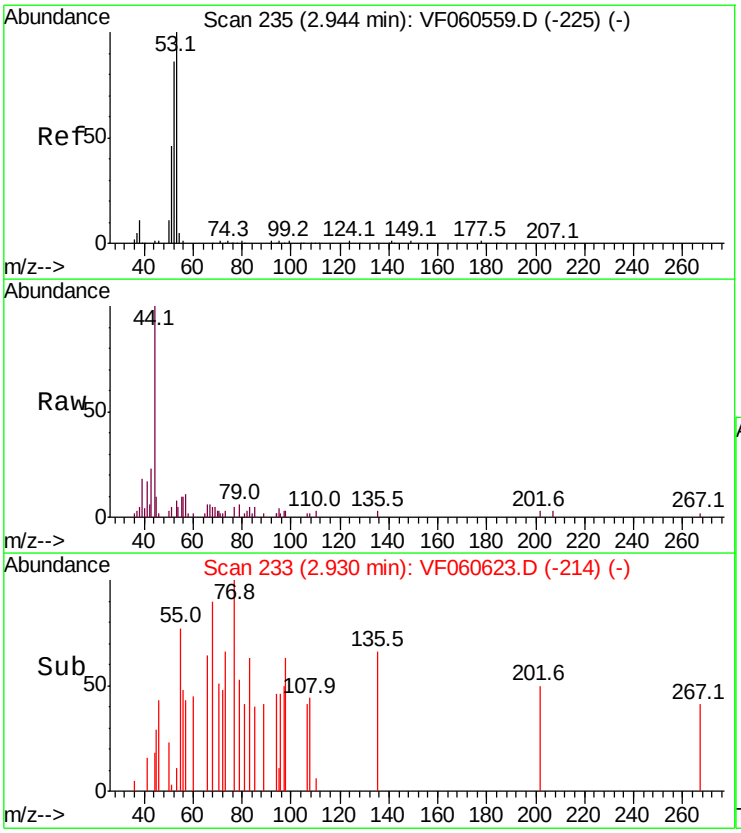
#13
Acrolein
Concen: Below Cal
RT: 1.98 min Scan# 137
Delta R.T. -0.01 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 494

Ion	Ratio	Lower	Upper
56	100		
55	167.4	61.8	92.6#

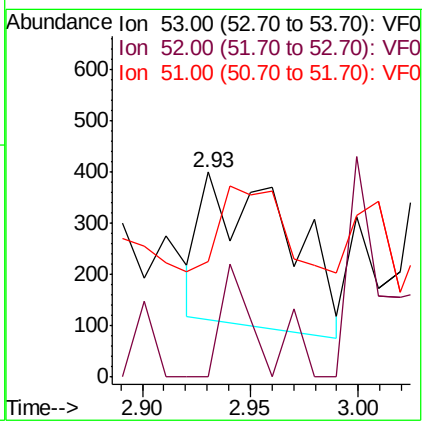


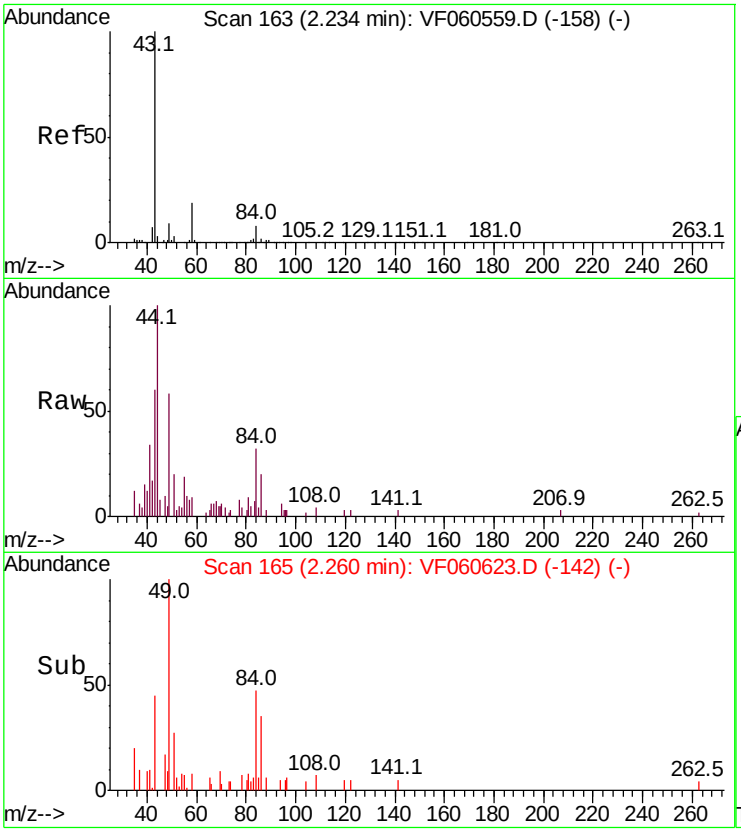


#15
Acrylonitrile
Concen: 2.645 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.01 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Tgt Ion: 53 Resp: 803

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.5	102.7#
51	56.6	38.2	57.2



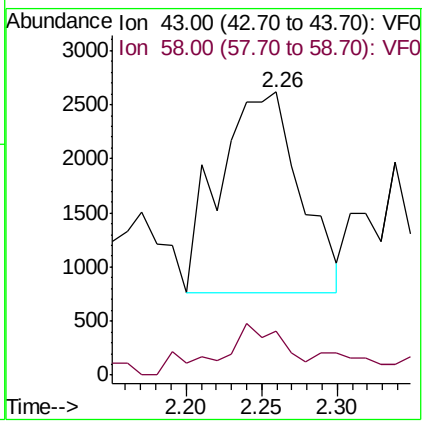


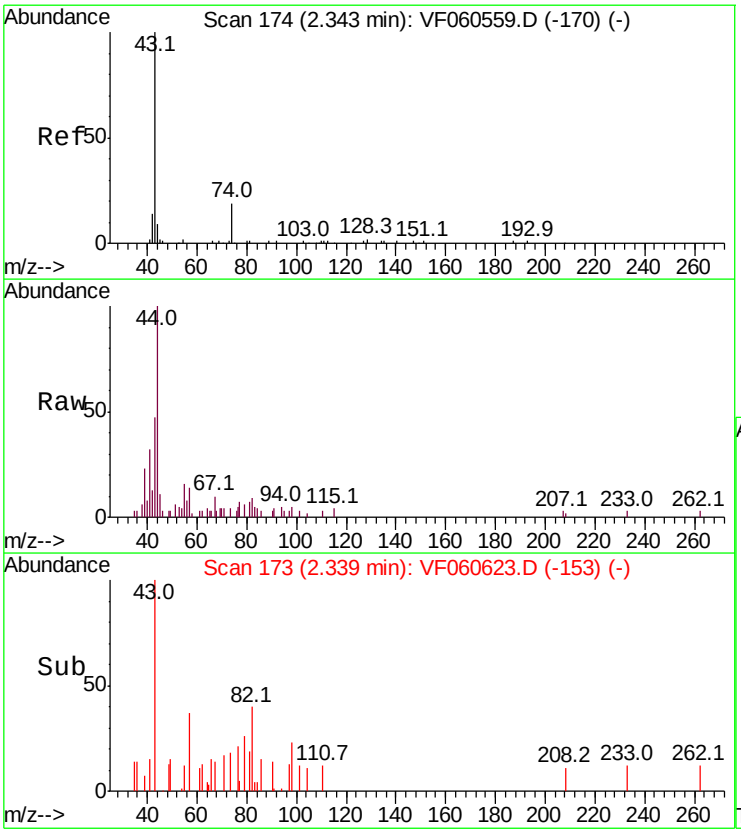
#16
Acetone
Concen: 11.460 ug/l
RT: 2.26 min Scan# 165
Delta R.T. 0.03 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 6878

Ion	Ratio	Lower	Upper
43	100		
58	15.4	14.6	22.0

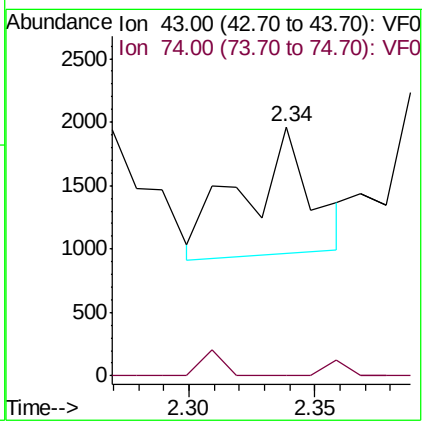


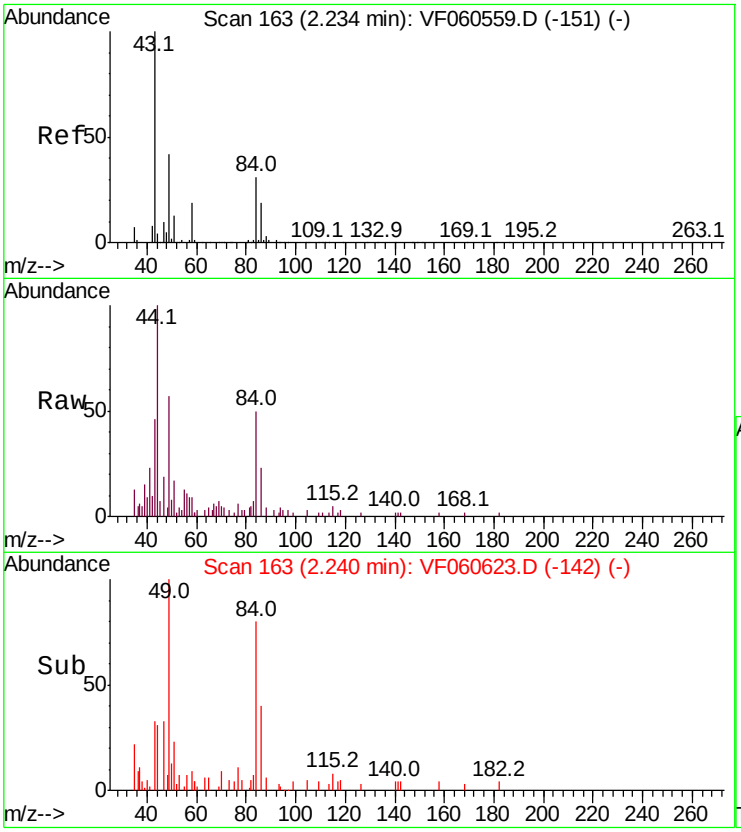


#18
Methyl Acetate
Concen: 2.466 ug/l
RT: 2.34 min Scan# 173
Delta R.T. -0.00 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Tgt Ion: 43 Resp: 1870

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#



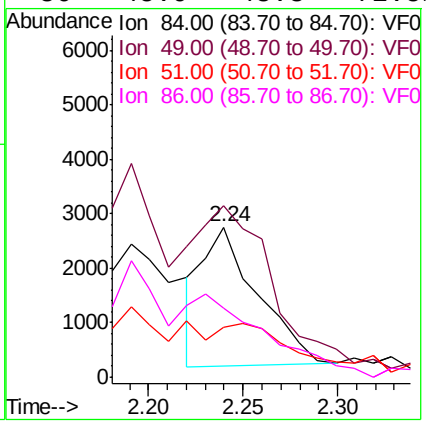


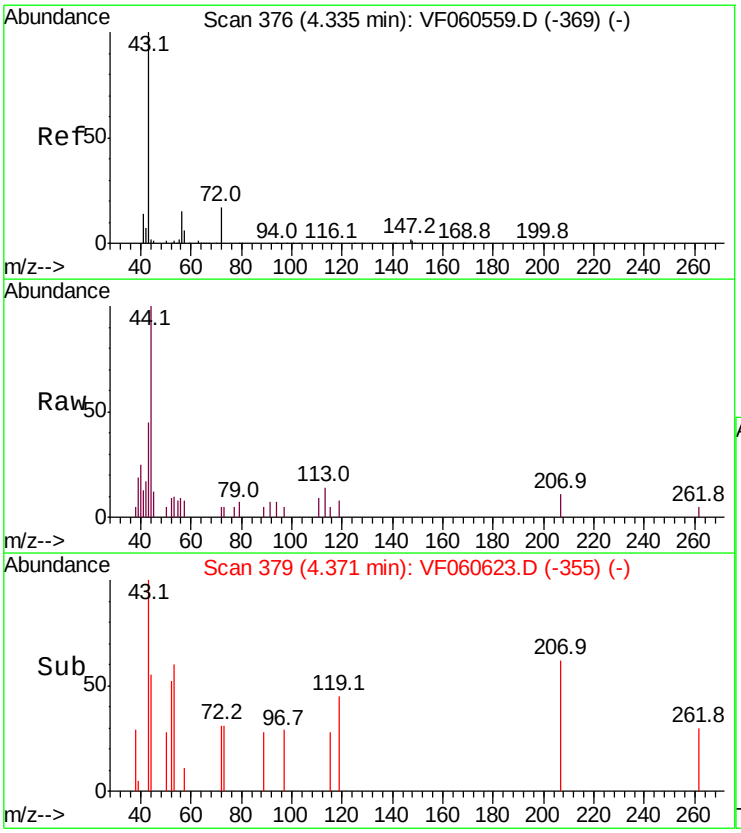
#20
Methylene Chloride
Concen: Below Cal
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 5159

Ion	Ratio	Lower	Upper
84	100		
49	114.3	109.9	164.9
51	33.6	35.8	53.8#
86	45.9	48.3	72.5#

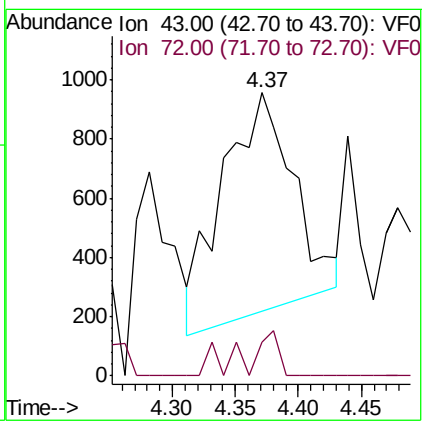


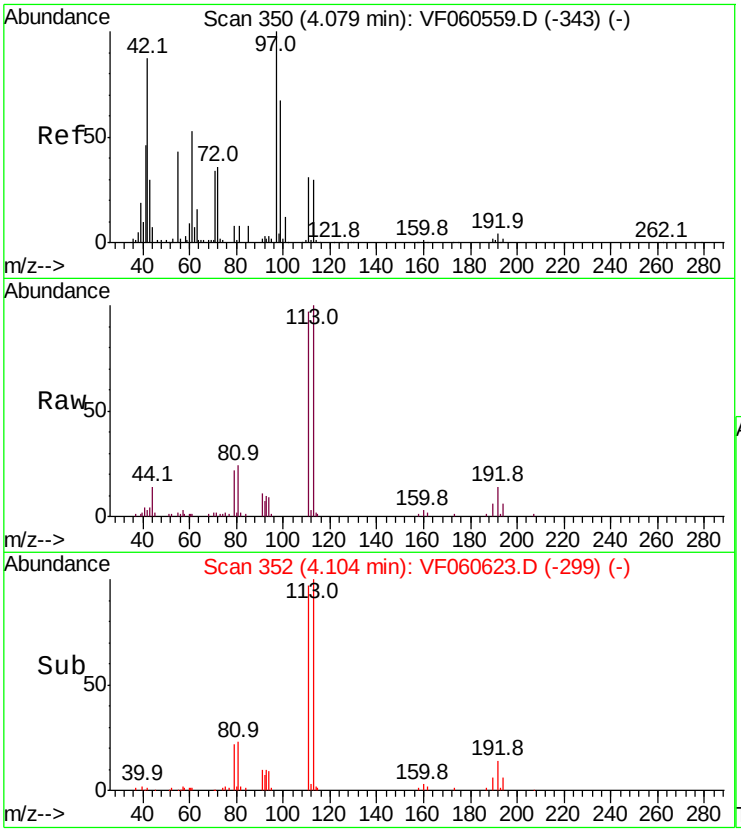


#25
2-Butanone
Concen: Below Cal
RT: 4.37 min Scan# 379
Delta R.T. 0.04 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Tgt Ion: 43 Resp: 2940

Ion	Ratio	Lower	Upper
43	100		
72	11.8	16.2	24.2#



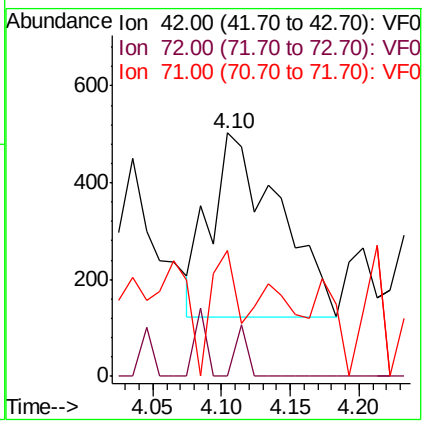


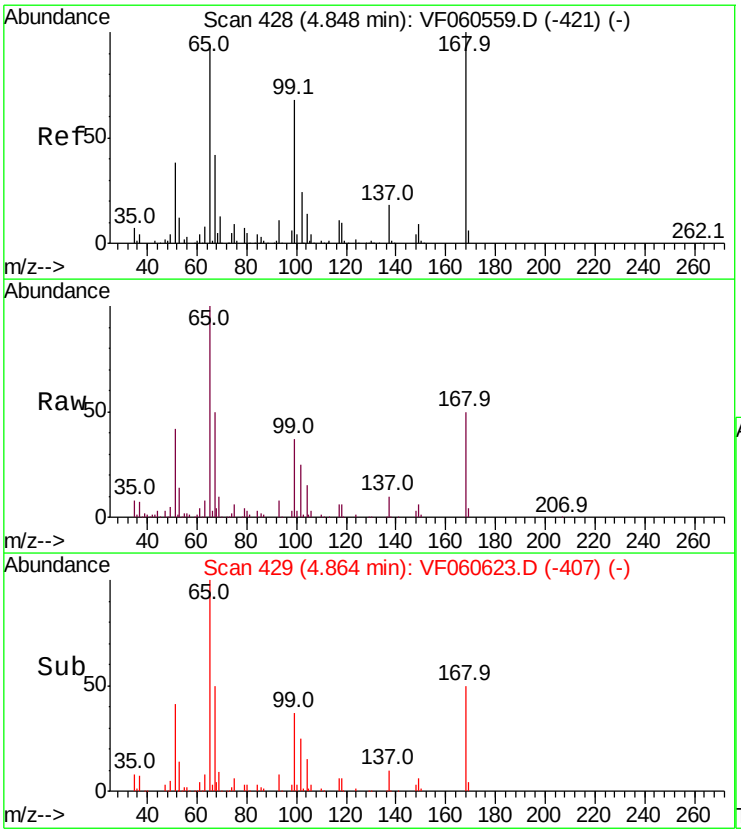
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.10 min Scan# 352
Delta R.T. 0.03 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 1311

Ion	Ratio	Lower	Upper
42	100		
72	4.8	31.4	47.0#
71	32.8	31.8	47.6

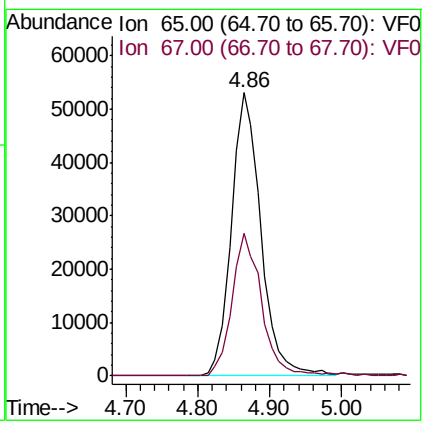


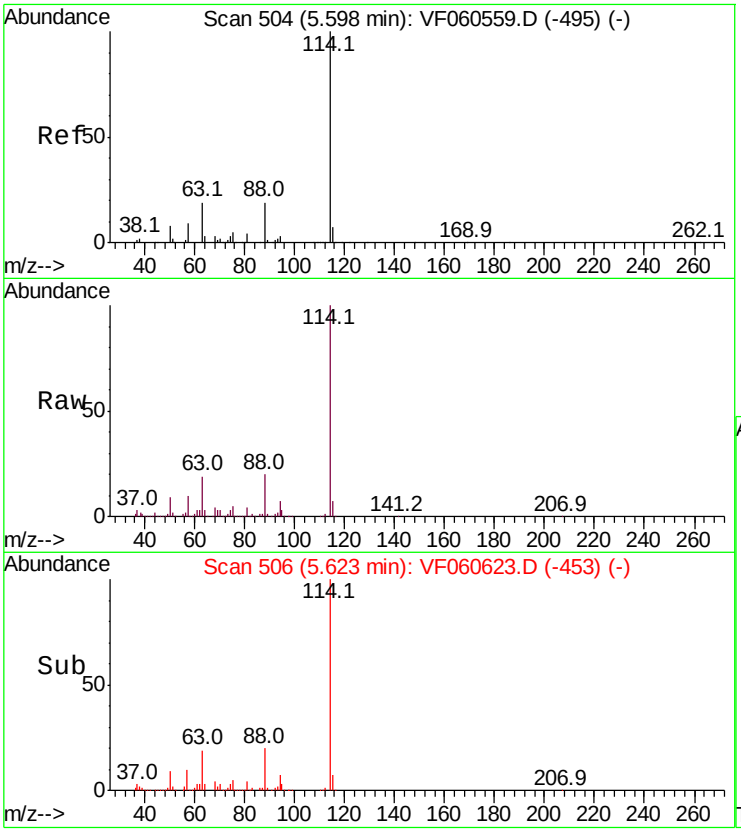


#33
1,2-Dichloroethane-d4
Concen: 59.495 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.02 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Tgt Ion: 65 Resp: 151532

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	101.8



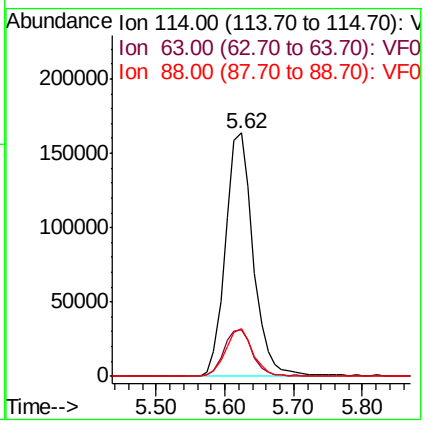


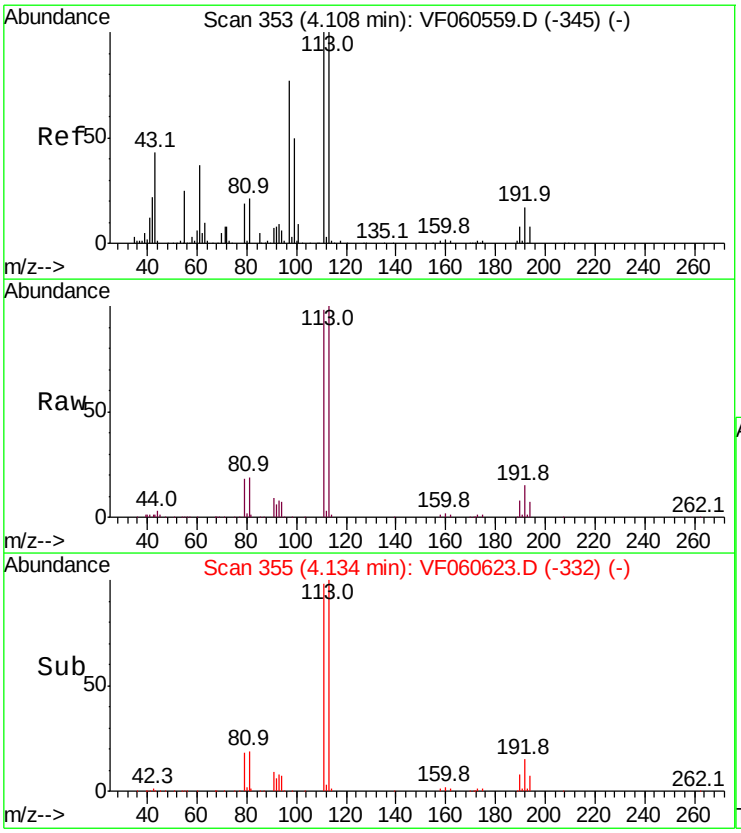
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. 0.03 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 458265

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.0
88	19.6	0.0	38.2

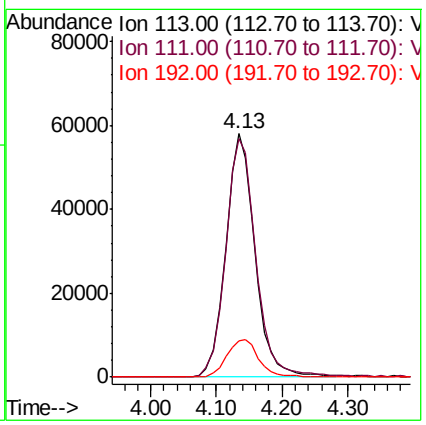


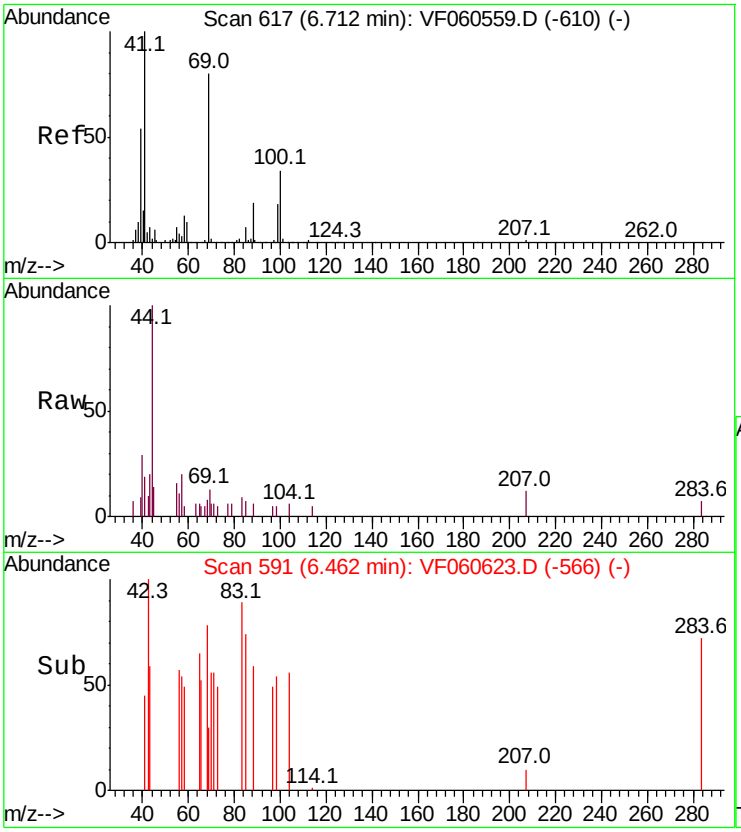


#35
Dibromofluoromethane
Concen: 50.892 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.03 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Tgt Ion:113 Resp: 180185

Ion	Ratio	Lower	Upper
113	100		
111	97.9	79.9	119.9
192	14.8	13.3	19.9



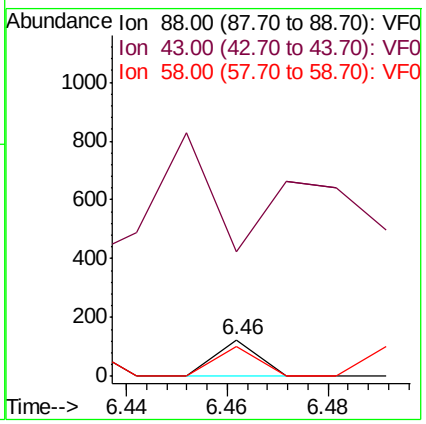


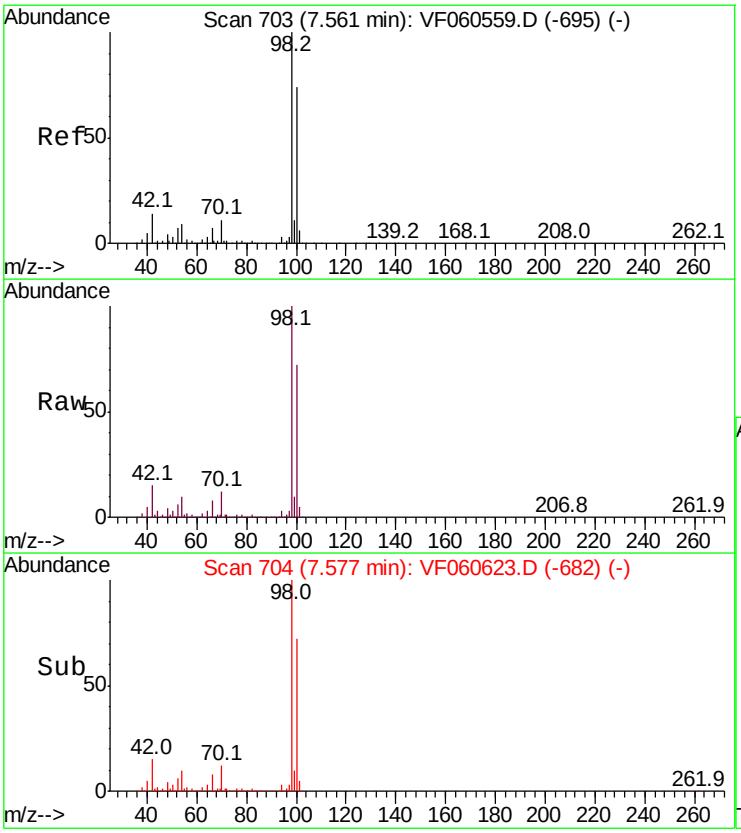
#49
1,4-Dioxane
Concen: 3.674 ug/l
RT: 6.46 min Scan# 591
Delta R.T. -0.25 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 74

Ion	Ratio	Lower	Upper
88	100		
43	337.6	61.2	91.8#
58	82.4	56.9	85.3

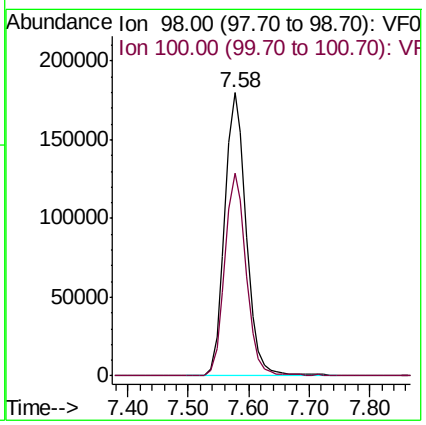


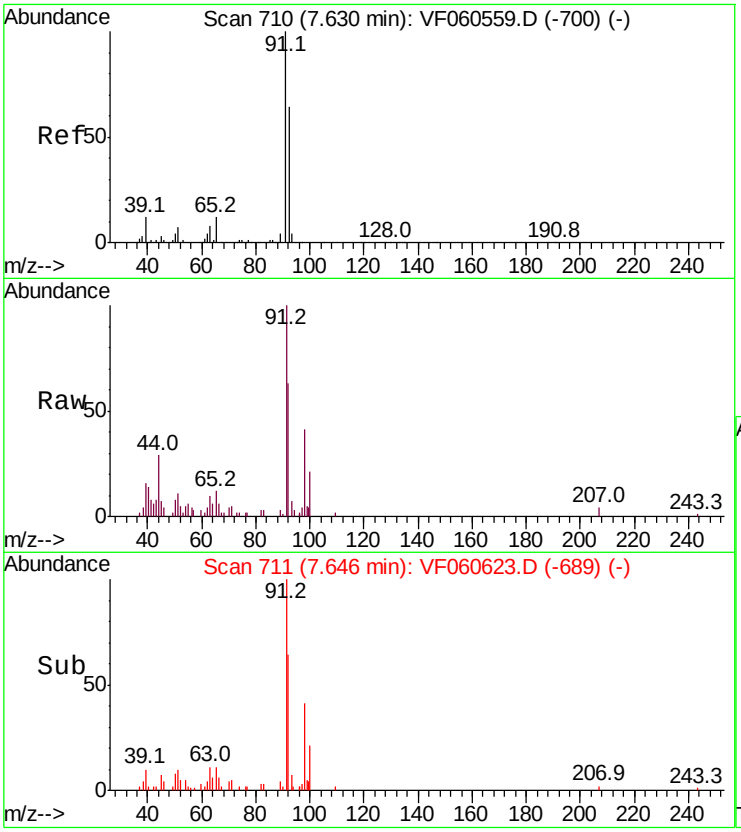


#50
Toluene-d8
Concen: 42.491 ug/l
RT: 7.58 min Scan# 704
Delta R.T. 0.02 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Tgt Ion: 98 Resp: 445653

Ion	Ratio	Lower	Upper
98	100		
100	71.5	59.4	89.2



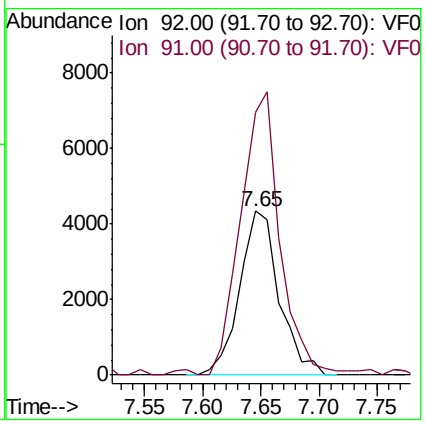


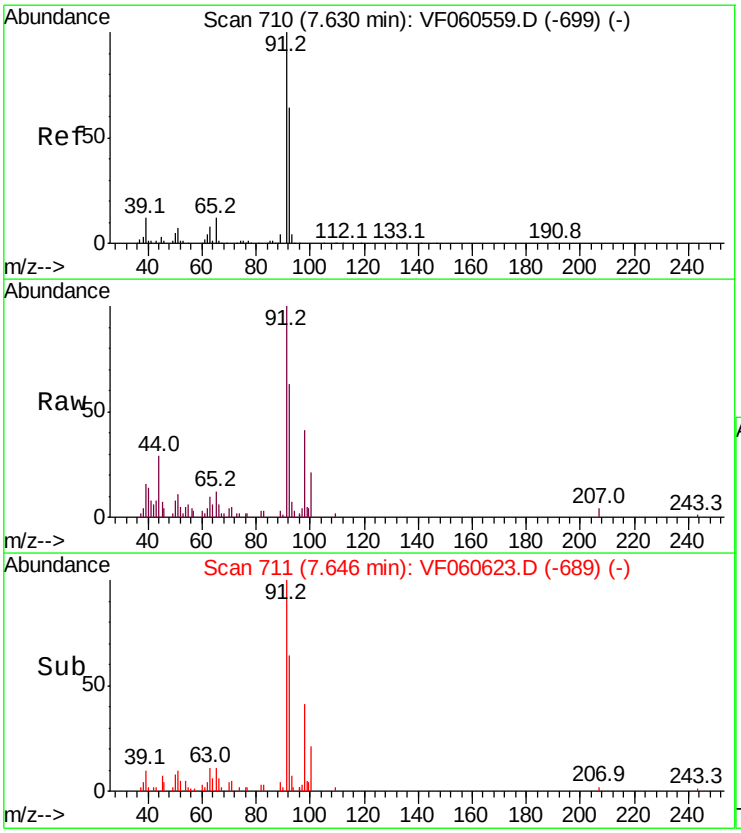
#52
Toluene
Concen: 1.283 ug/l
RT: 7.65 min Scan# 711
Delta R.T. 0.02 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 92 Resp: 10240

Ion	Ratio	Lower	Upper
92	100		
91	159.9	124.5	186.7

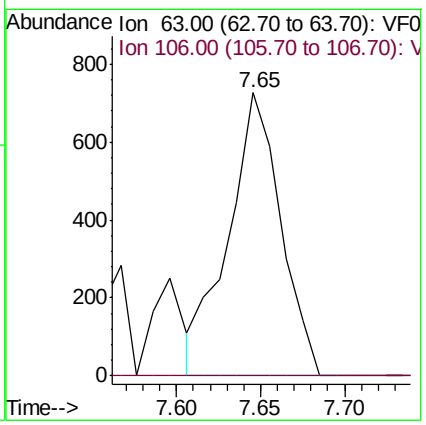


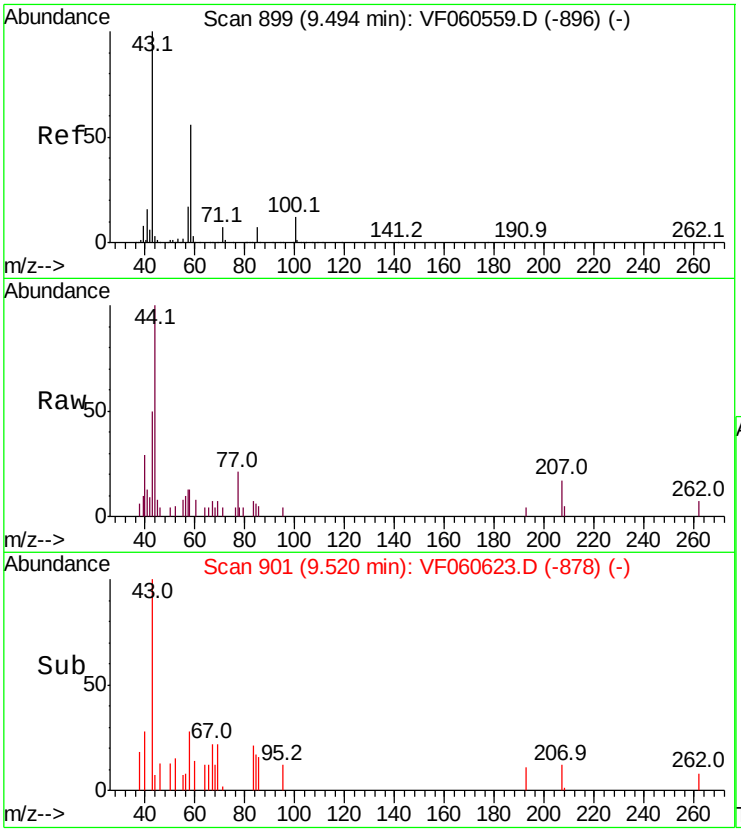


#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.65 min Scan# 711
Delta R.T. 0.02 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Tgt Ion: 63 Resp: 1572

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



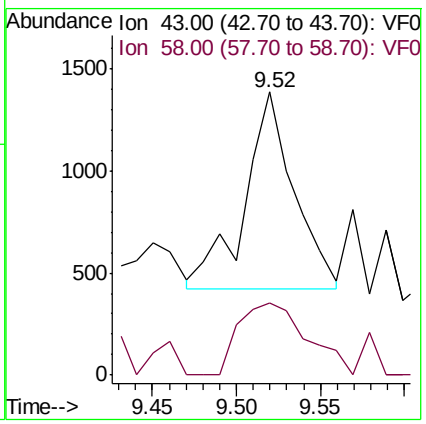


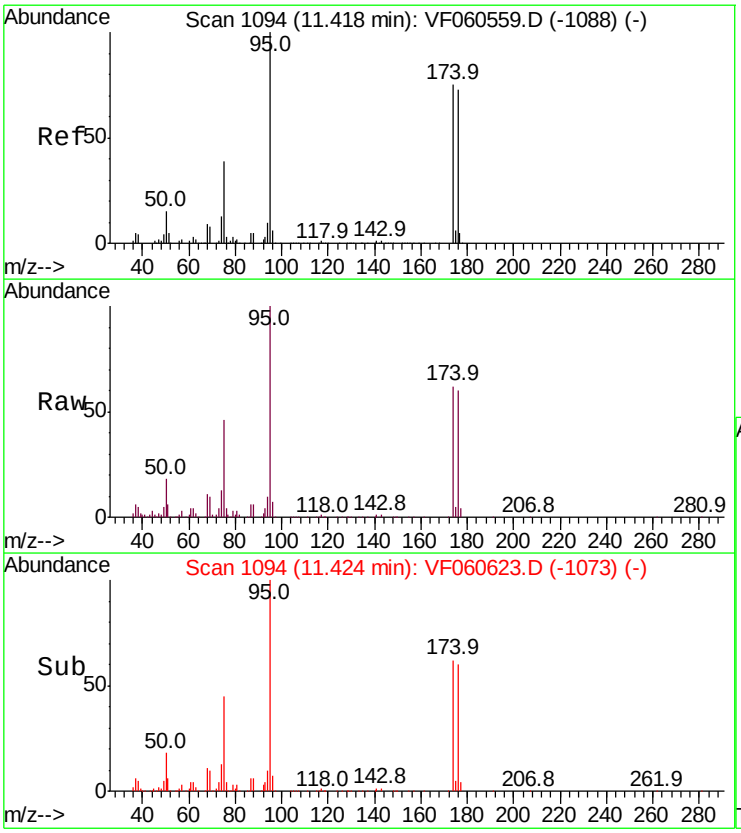
#59
2-Hexanone
Concen: Below Cal
RT: 9.52 min Scan# 901
Delta R.T. 0.03 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1948

Ion	Ratio	Lower	Upper
43	100		
58	25.7	26.1	78.3#

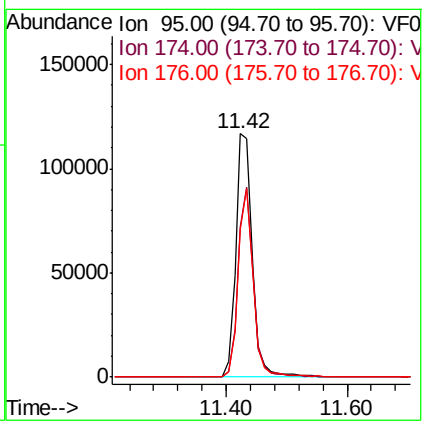


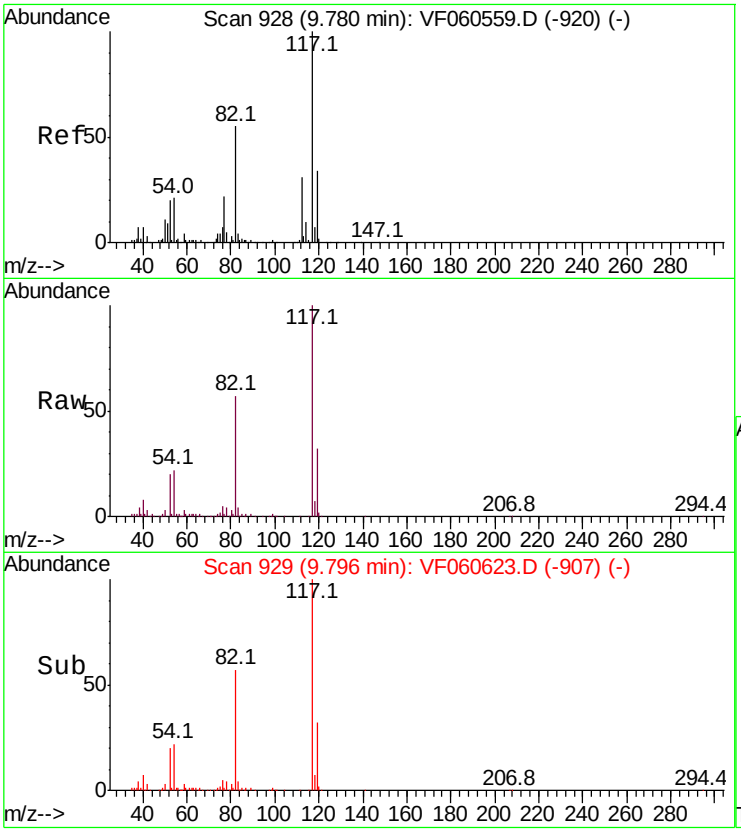


#62
4-Bromofluorobenzene
Concen: 48.187 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Tgt Ion: 95 Resp: 221064

Ion	Ratio	Lower	Upper
95	100		
174	61.6	0.0	149.0
176	60.4	0.0	145.6



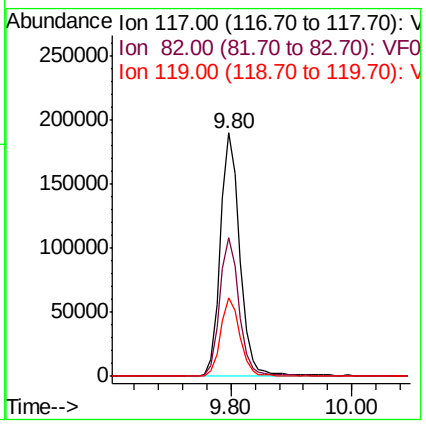


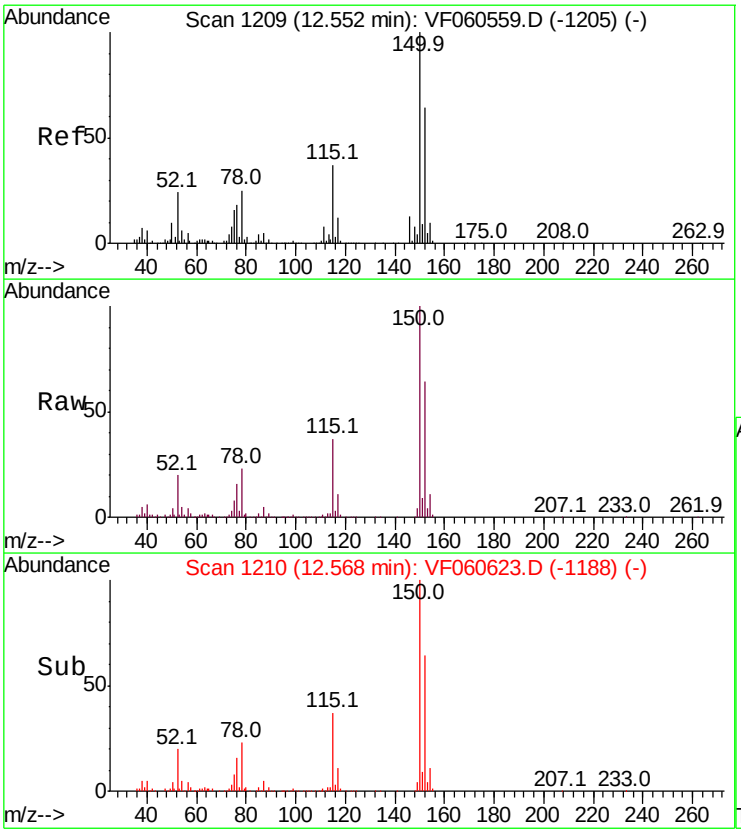
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 426968

Ion	Ratio	Lower	Upper
117	100		
82	56.9	43.9	65.9
119	32.1	27.4	41.0

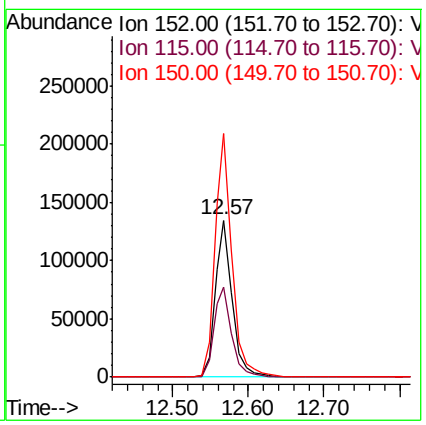


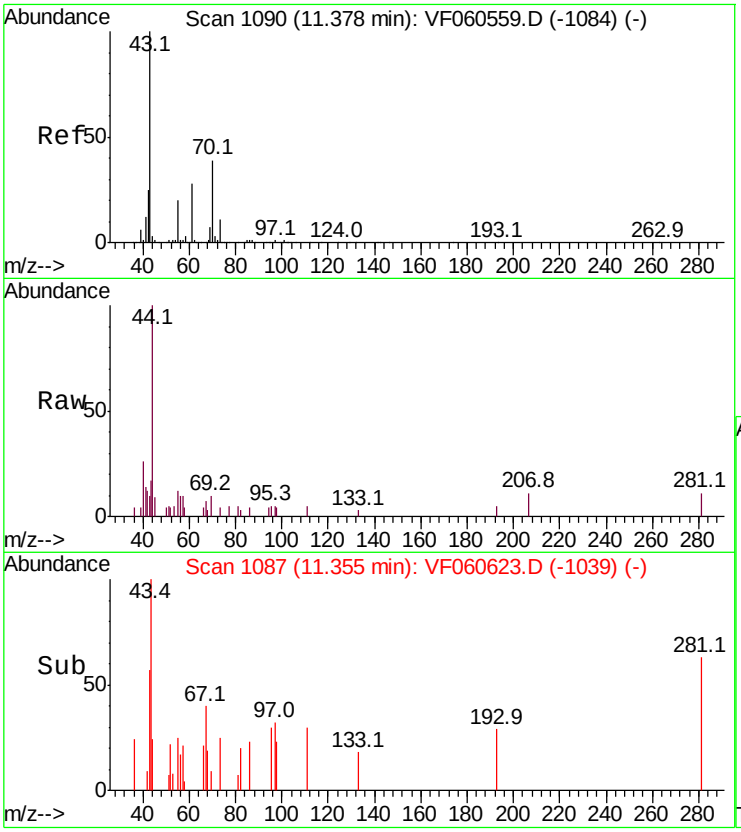


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. 0.02 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Tgt Ion:152 Resp: 212052

Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.6	88.8
150	155.1	0.0	315.6





#74
N-amyl acetate
Concen: Below Cal
RT: 11.35 min Scan# 1087
Delta R.T. -0.02 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1515

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.9	46.3#
55	43.1	16.6	24.8#
61	0.0	22.0	33.0#