Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110518\
Data File : VF060604.D
Acq On : 6 Nov 2018 9:35
Operator : VA/AP
Sample : J5803-09
Misc : 5.08/5mL/MSVOA-F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 06 10:32:01 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	4.87	168	280511	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.60	114	470451	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.79	117	349987	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	170144	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.85	65	120711	42.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.18%				
35) Dibromofluoromethane	4.11	113	150589	41.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 82.86%				
50) Toluene-d8	7.57	98	348698	32.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 64.78%				
62) 4-Bromofluorobenzene	11.42	95	160938	34.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 68.34%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.97	85	1487	Below Cal		#	41
6) Chloroethane	1.38	64	62	Below Cal		#	40
11) Tert butyl alcohol	2.57	59	321	Below Cal		#	1
13) Acrolein	1.99	56	500	Below Cal		#	27
15) Acrylonitrile	2.94	53	853	2.525	ug/l	#	18
16) Acetone	2.24	43	13136	19.669	ug/l	#	87
18) Methyl Acetate	2.35	43	2385	2.756	ug/l	#	64
20) Methylene Chloride	2.17	84	4772	Below Cal		#	92
25) 2-Butanone	4.36	43	1839	Below Cal		#	56
29) Tetrahydrofuran	4.08	42	2387	Below Cal		#	57
49) 1,4-Dioxane	6.72	88	93	4.497	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.27	43	3479	1.645	ug/l	#	71
58) 2-Chloroethyl Vinyl ether	7.61	63	269	Below Cal			100
59) 2-Hexanone	9.51	43	4252	Below Cal			74
74) N-amyl acetate	11.37	43	714	Below Cal		#	64
89) n-Butylbenzene	12.85	91	3492	Below Cal			92

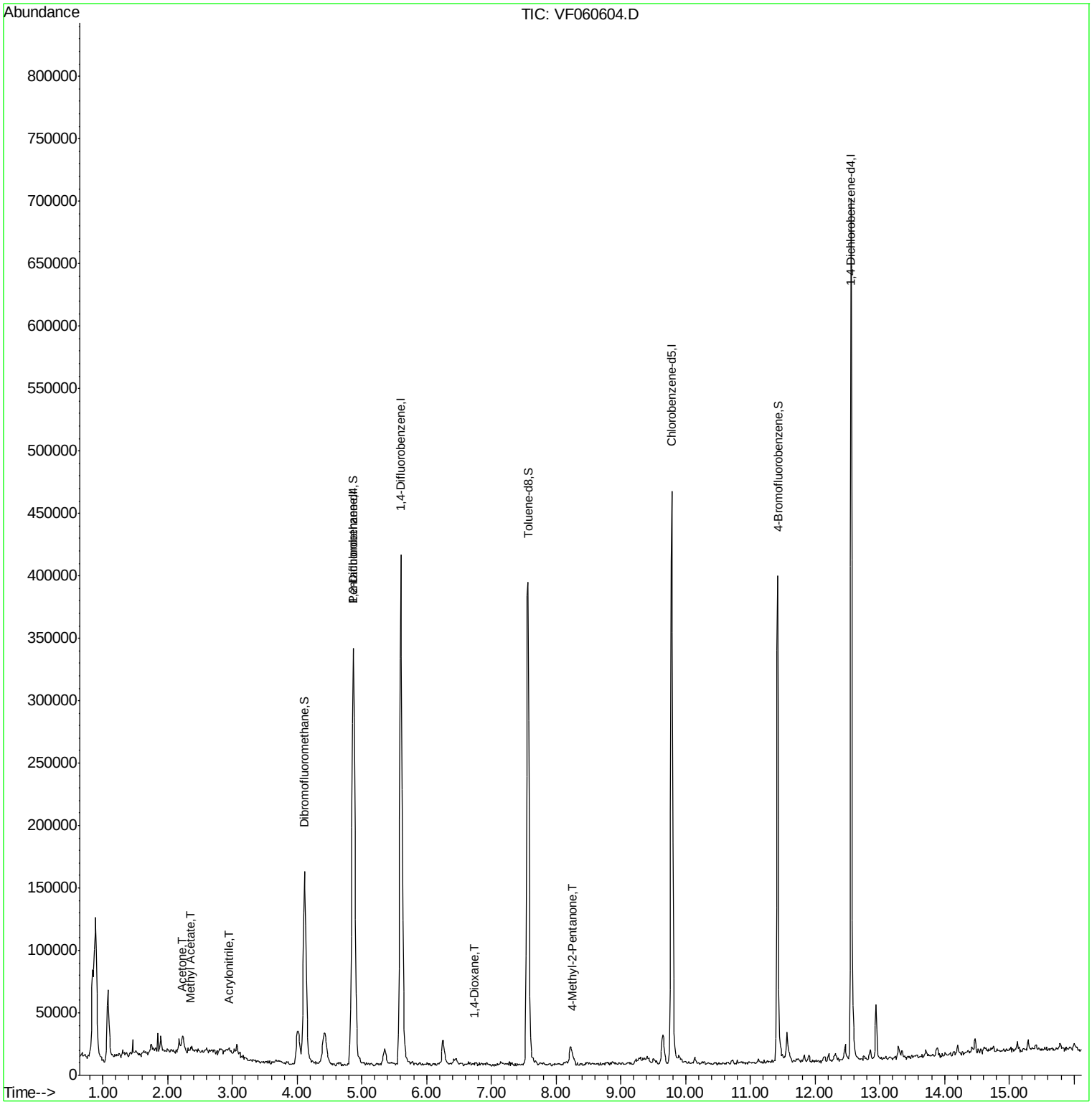
(#) = qualifier out of range (m) = manual integration (+) = signals summed

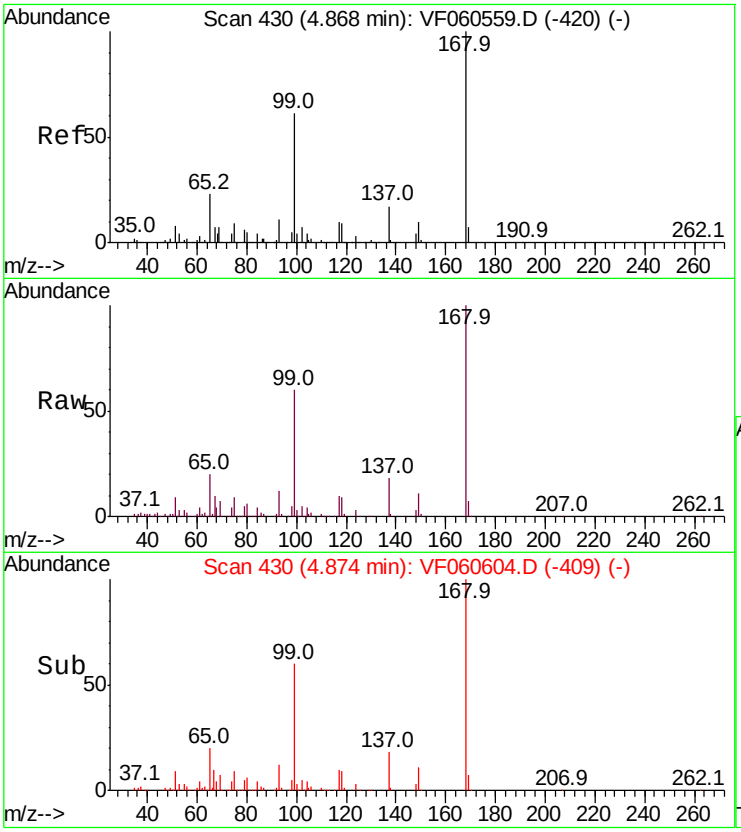
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
Data File : VF060604.D
Acq On : 6 Nov 2018 9:35
Operator : VA/AP
Sample : J5803-09
Misc : 5.08/5mL/MSVOA-F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 06 10:32:01 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



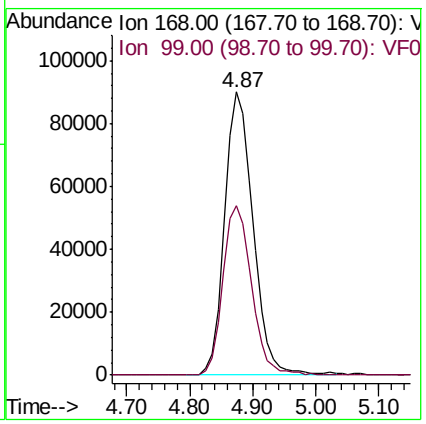


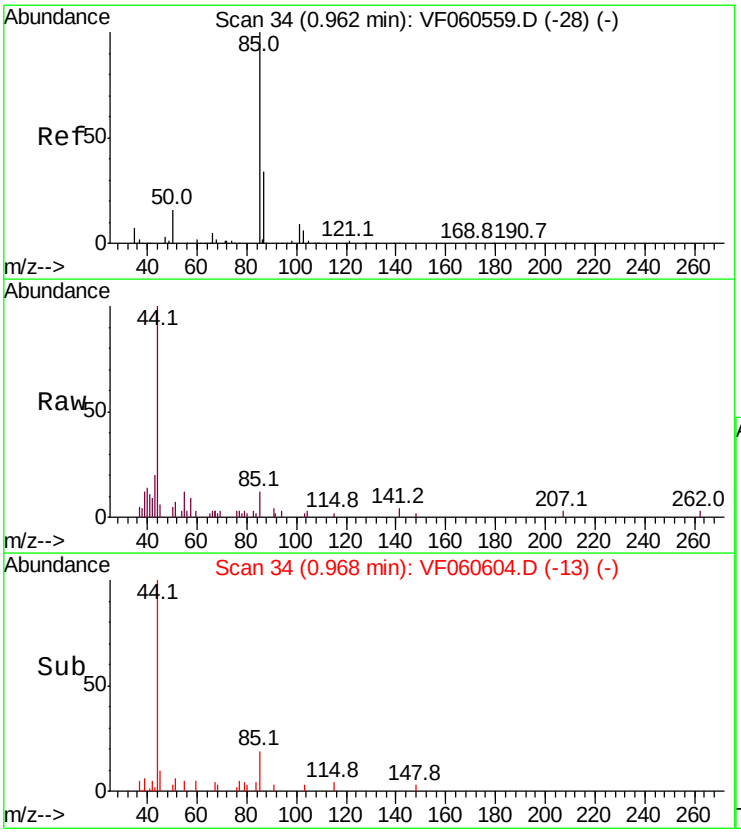
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.01 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 280511

Ion	Ratio	Lower	Upper
168	100		
99	59.7	48.6	72.8

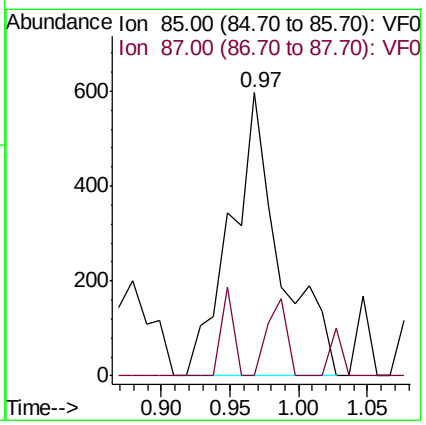


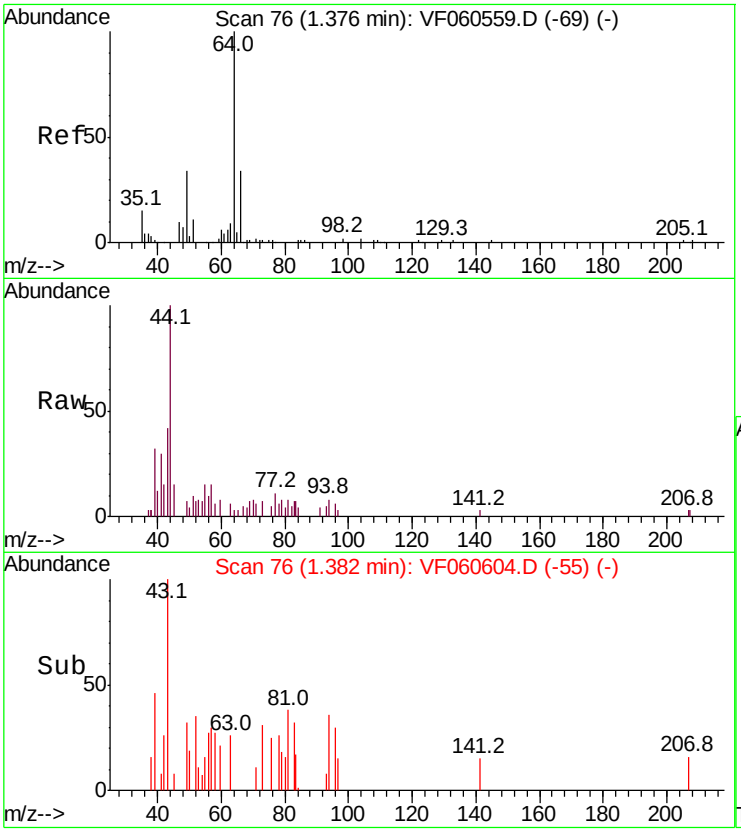


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.97 min Scan# 34
Delta R.T. 0.01 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Tgt Ion: 85 Resp: 1487

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



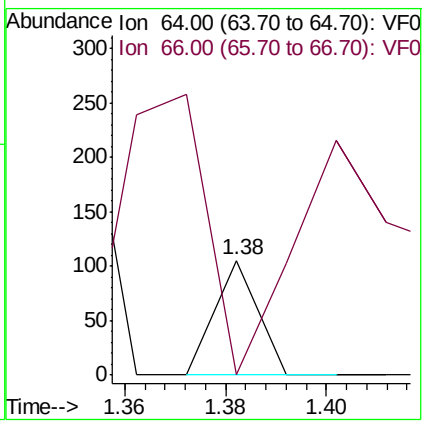


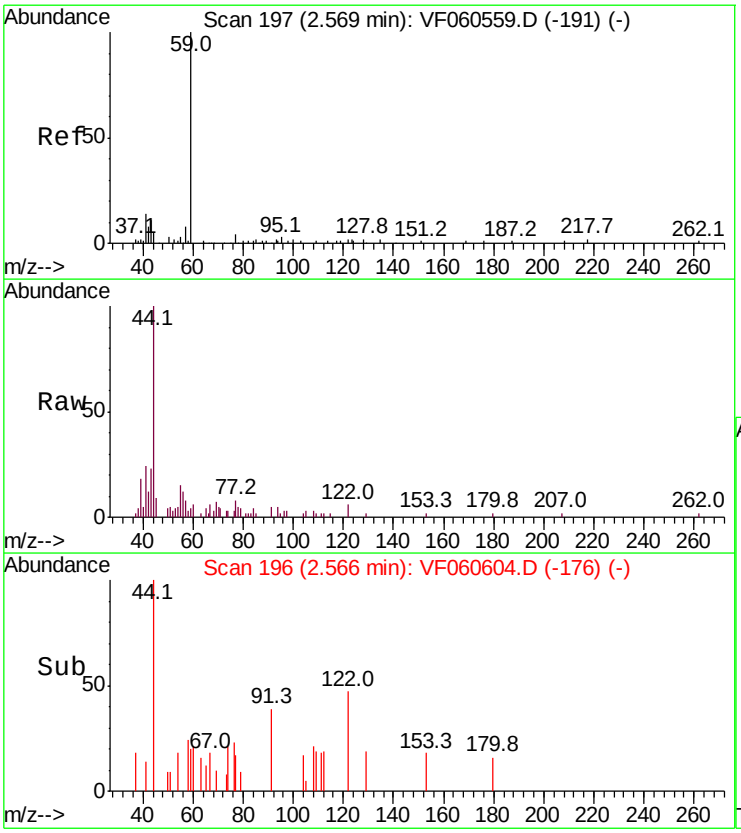
#6
Chloroethane
Concen: Below Cal
RT: 1.38 min Scan# 76
Delta R.T. 0.01 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 64 Resp: 62

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.8	41.8#

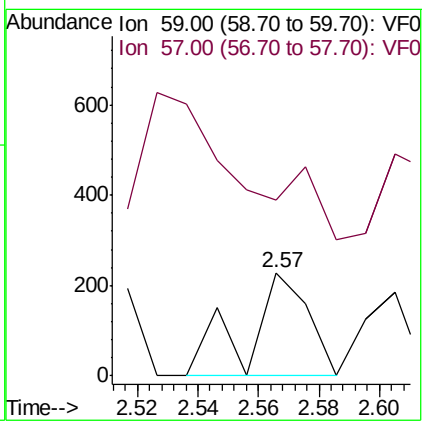


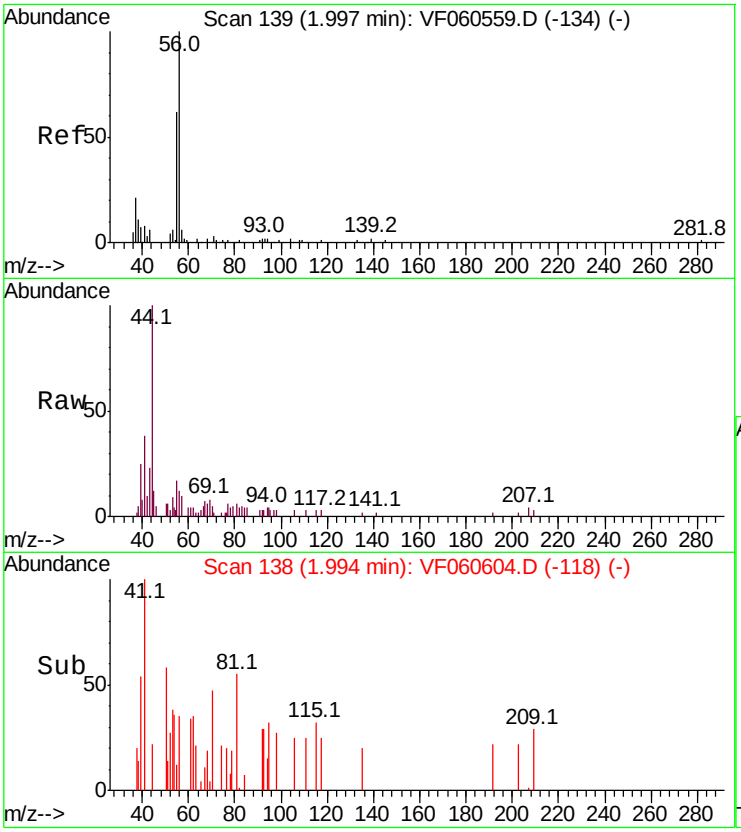


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.57 min Scan# 196
Delta R.T. -0.00 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Tgt Ion: 59 Resp: 321

Ion	Ratio	Lower	Upper
59	100		
57	169.4	19.0	28.4#



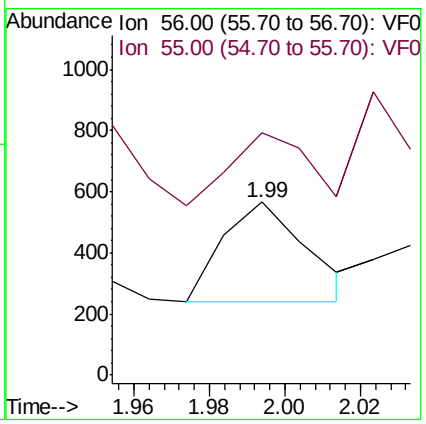


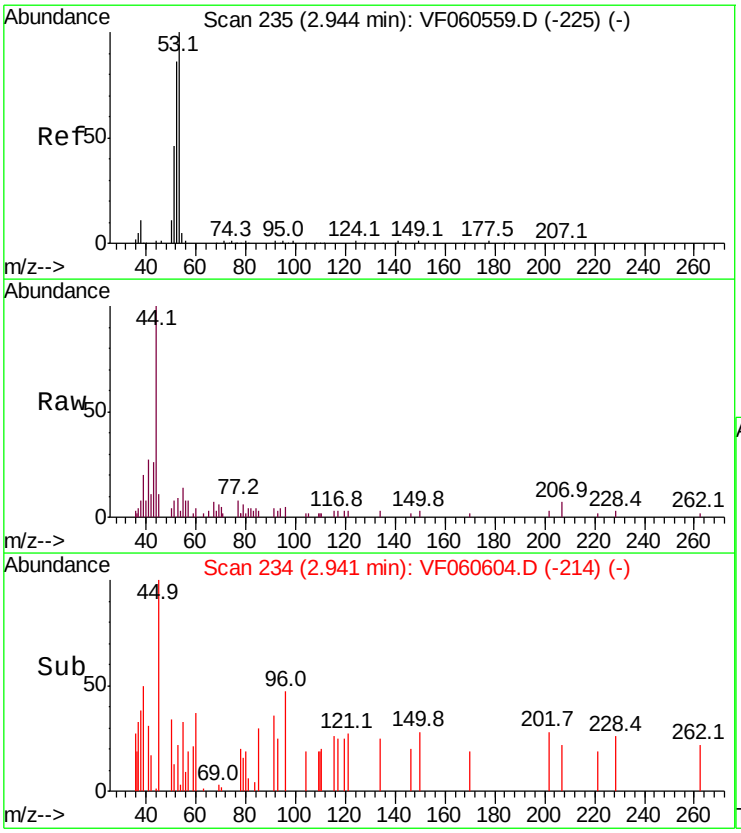
#13
Acrolein
Concen: Below Cal
RT: 1.99 min Scan# 138
Delta R.T. -0.00 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 500

Ion	Ratio	Lower	Upper
56	100		
55	140.2	61.8	92.6#

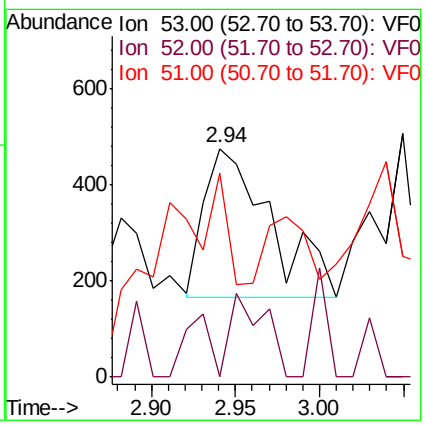


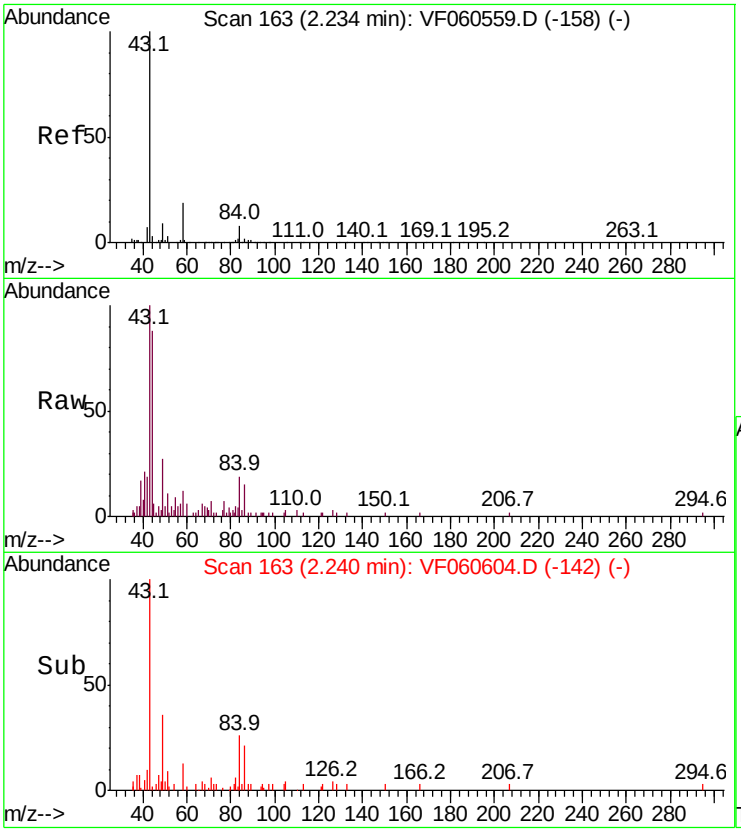


#15
Acrylonitrile
Concen: 2.525 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.00 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Tgt Ion: 53 Resp: 853

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.5	102.7#
51	89.3	38.2	57.2#



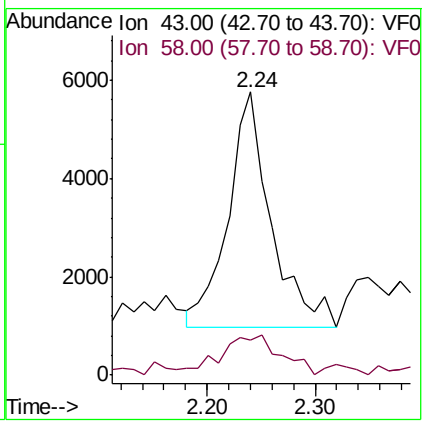


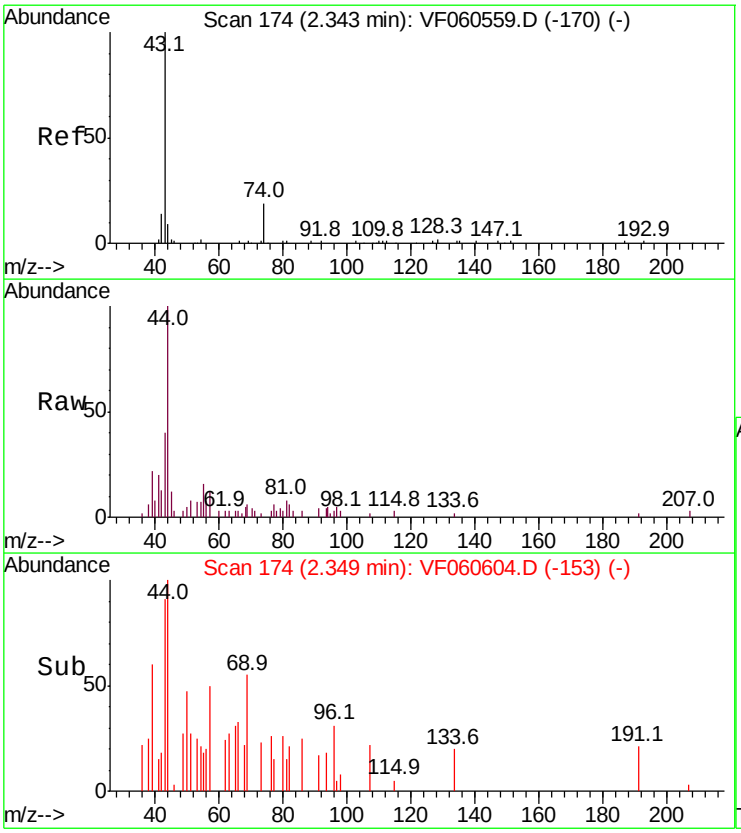
#16
Acetone
Concen: 19.669 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 13136

Ion	Ratio	Lower	Upper
43	100		
58	12.4	14.6	22.0#

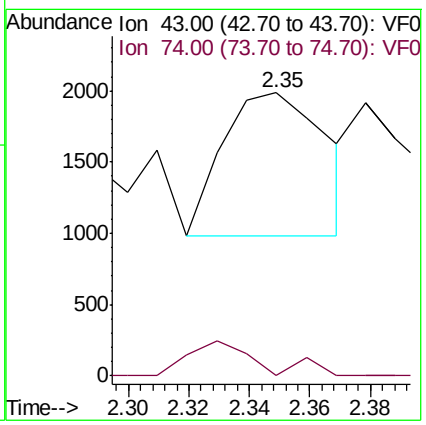


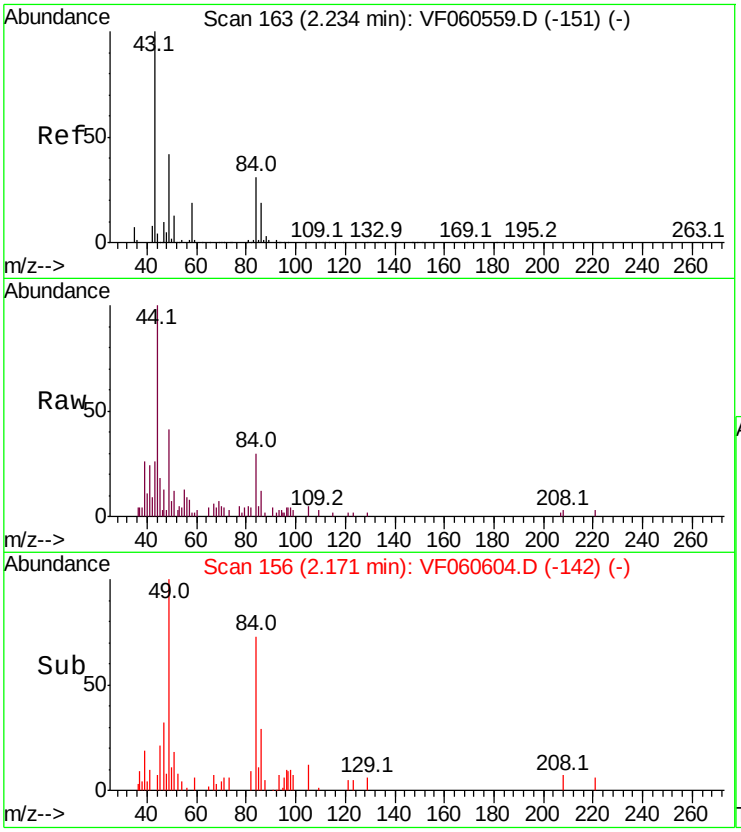


#18
Methyl Acetate
Concen: 2.756 ug/l
RT: 2.35 min Scan# 174
Delta R.T. 0.01 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Tgt Ion: 43 Resp: 2385

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#



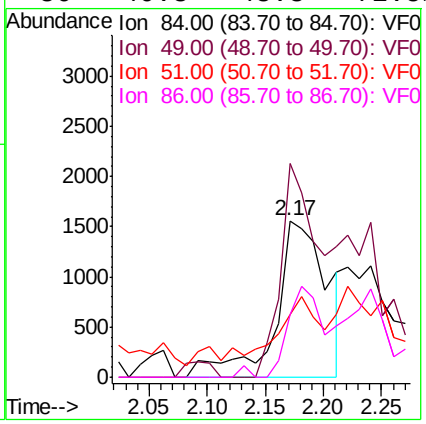


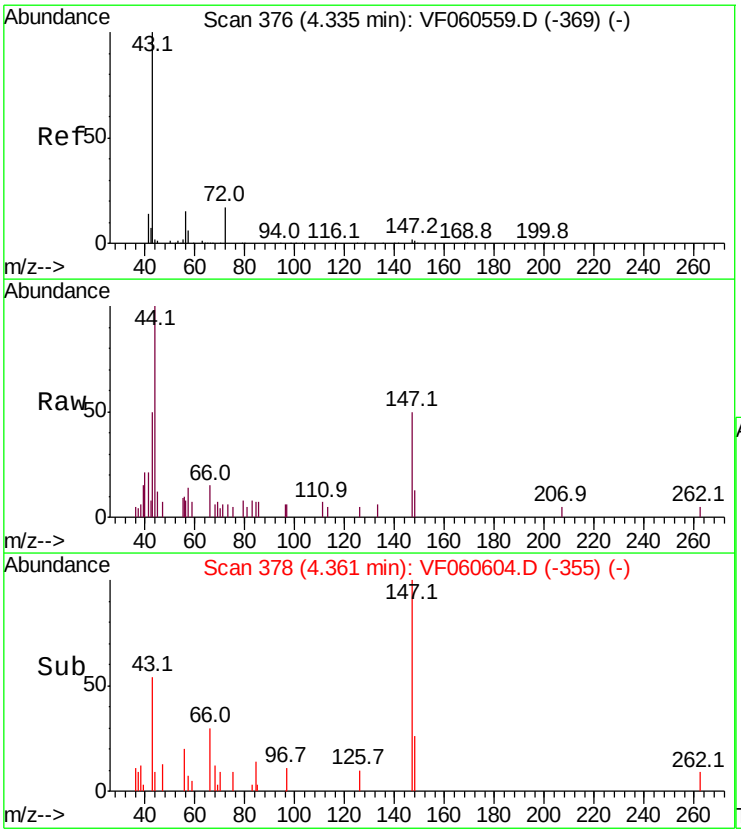
#20
Methylene Chloride
Concen: Below Cal
RT: 2.17 min Scan# 156
Delta R.T. -0.06 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 4772

Ion	Ratio	Lower	Upper
84	100		
49	136.7	109.9	164.9
51	39.9	35.8	53.8
86	40.3	48.3	72.5#

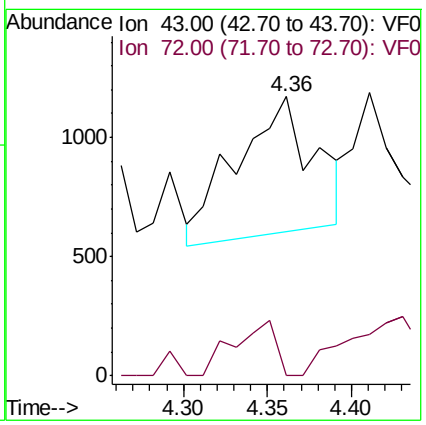


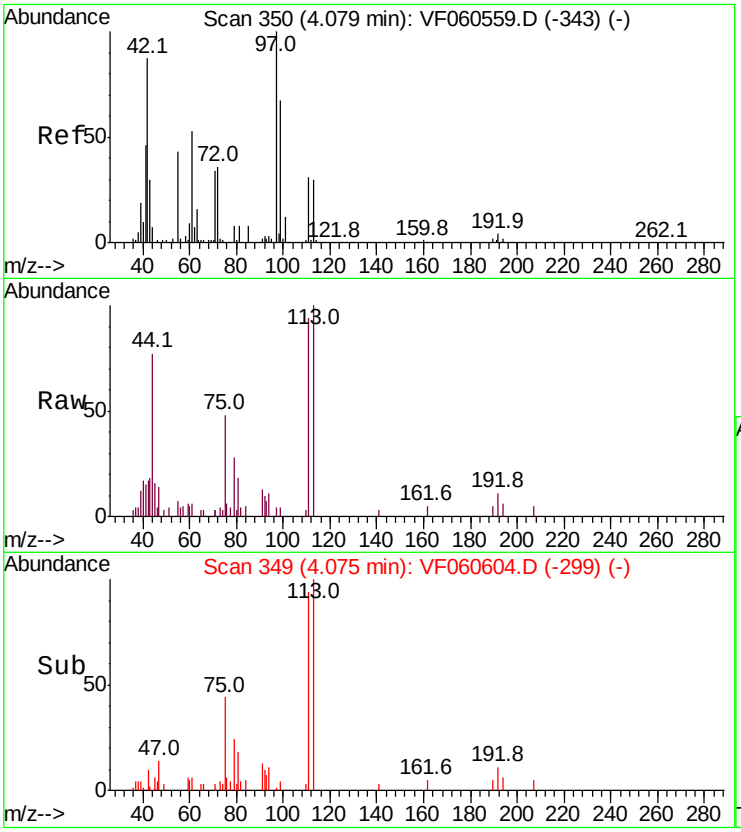


#25
2-Butanone
Concen: Below Cal
RT: 4.36 min Scan# 378
Delta R.T. 0.03 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Tgt Ion: 43 Resp: 1839

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.2#



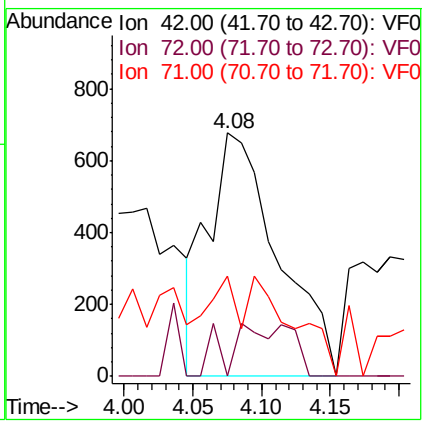


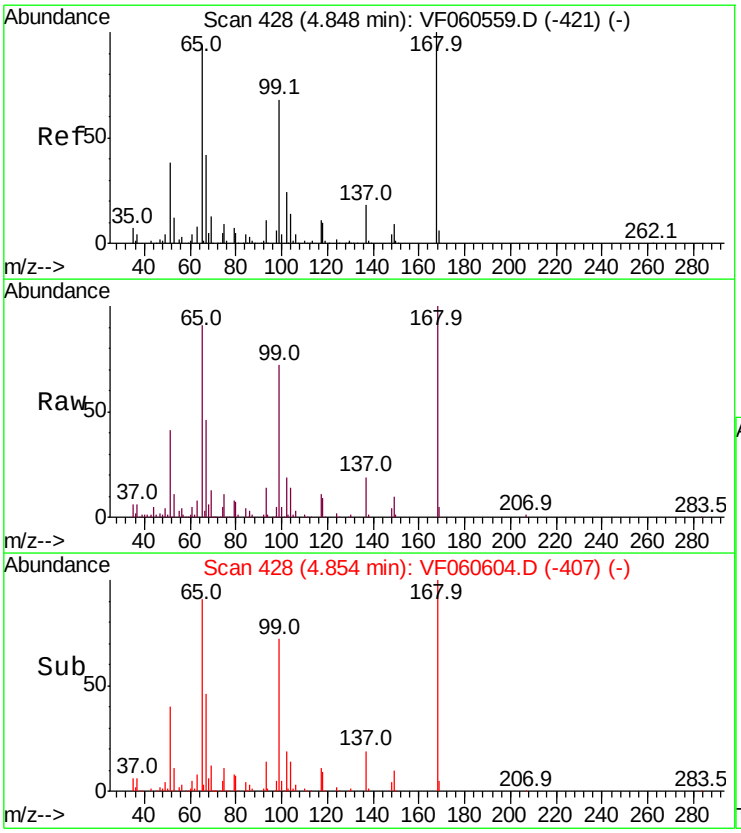
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.08 min Scan# 349
Delta R.T. -0.00 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 2387

Ion	Ratio	Lower	Upper
42	100		
72	19.7	31.4	47.0#
71	6.2	31.8	47.6#

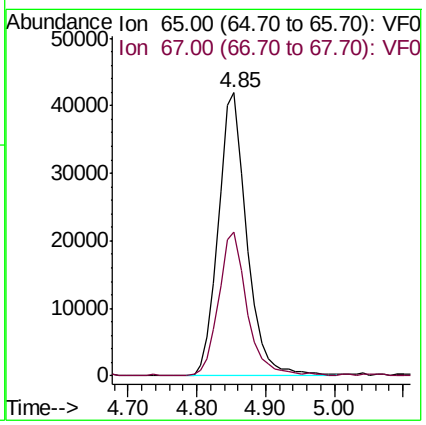


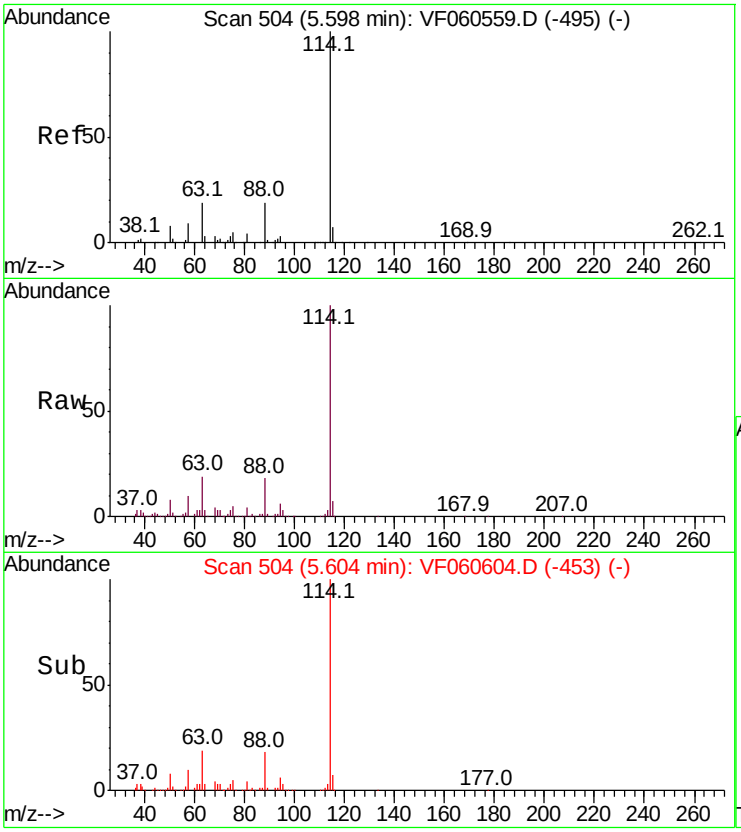


#33
1,2-Dichloroethane-d4
Concen: 42.591 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Tgt Ion: 65 Resp: 120711

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.8



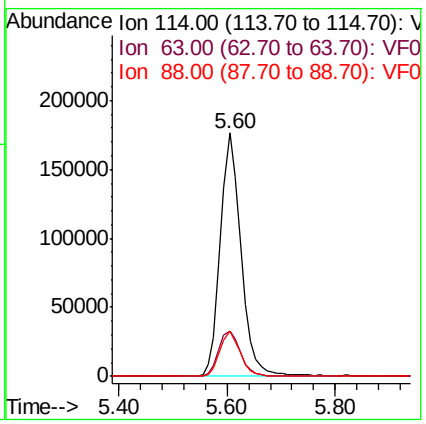


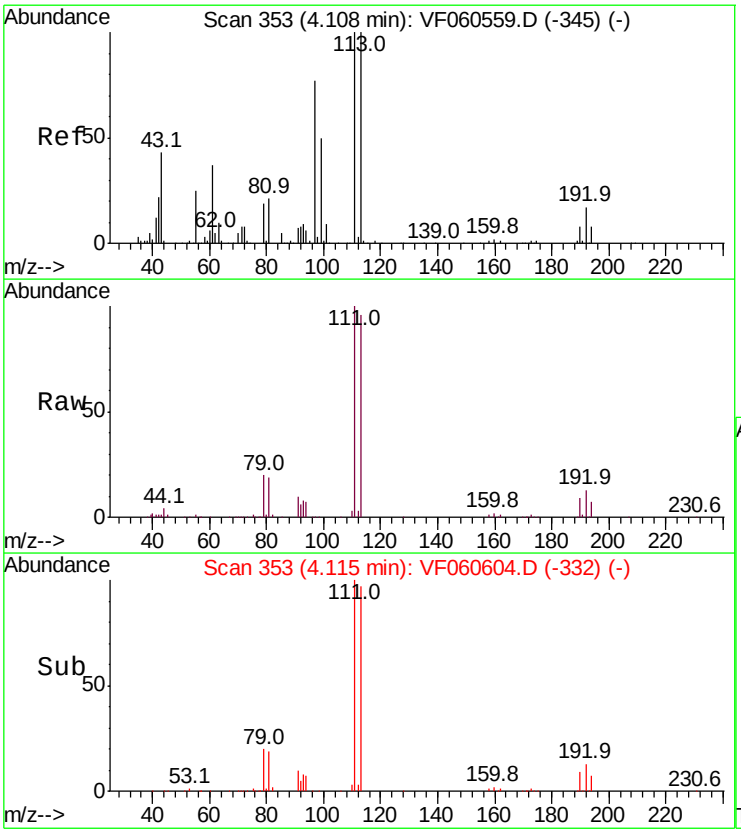
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 470451

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.0
88	18.4	0.0	38.2

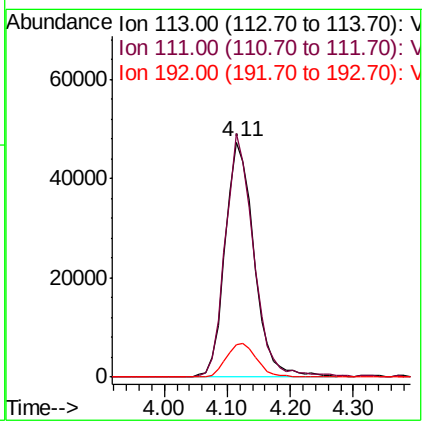


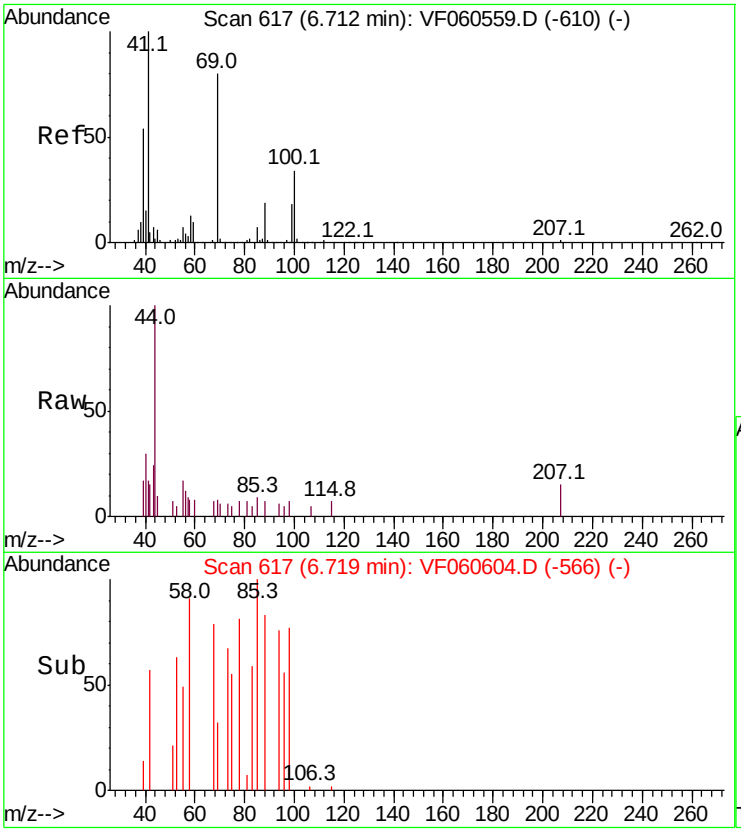


#35
Dibromofluoromethane
Concen: 41.431 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Tgt Ion:113 Resp: 150589

Ion	Ratio	Lower	Upper
113	100		
111	103.6	79.9	119.9
192	13.8	13.3	19.9



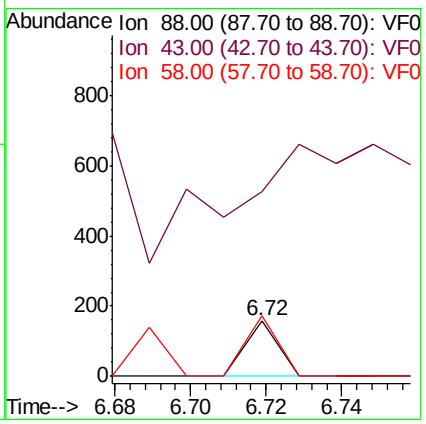


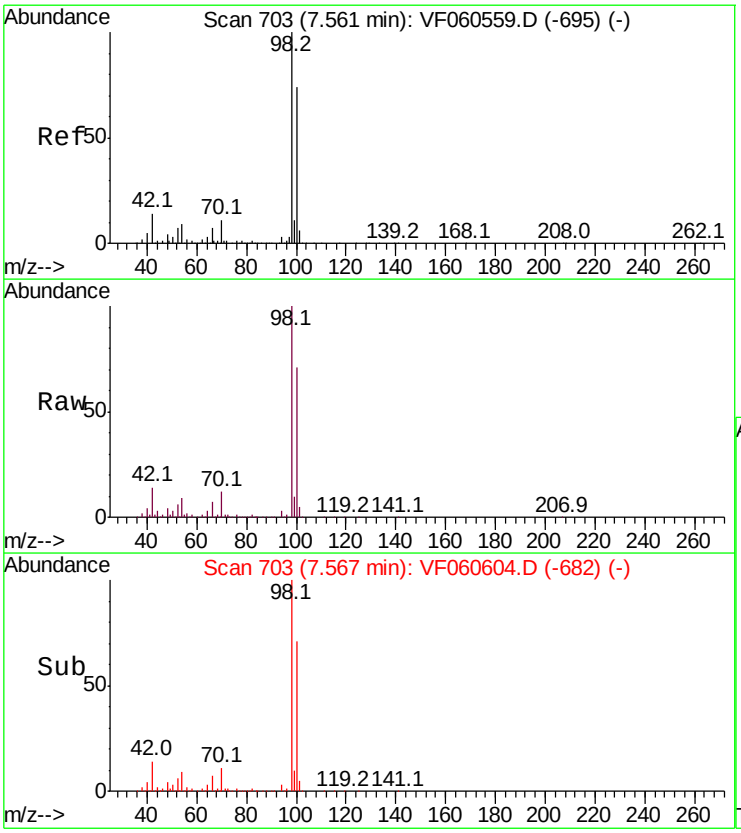
#49
1,4-Dioxane
Concen: 4.497 ug/l
RT: 6.72 min Scan# 617
Delta R.T. 0.01 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 93

Ion	Ratio	Lower	Upper
88	100		
43	332.3	61.2	91.8#
58	109.5	56.9	85.3#

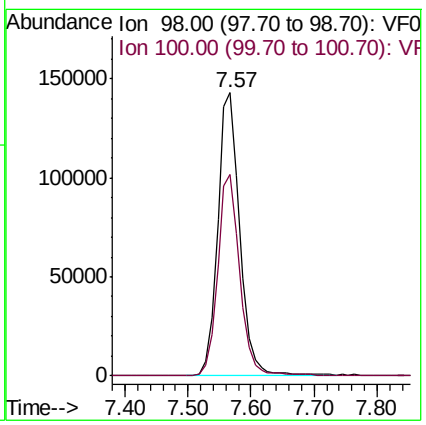


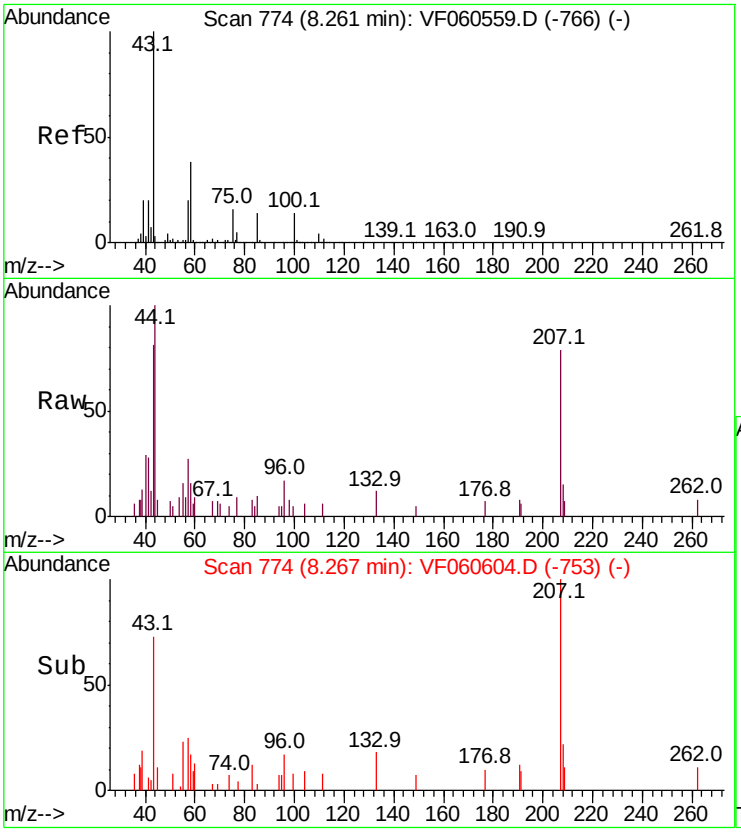


#50
Toluene-d8
Concen: 32.386 ug/l
RT: 7.57 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Tgt Ion: 98 Resp: 348698

Ion	Ratio	Lower	Upper
98	100		
100	71.3	59.4	89.2



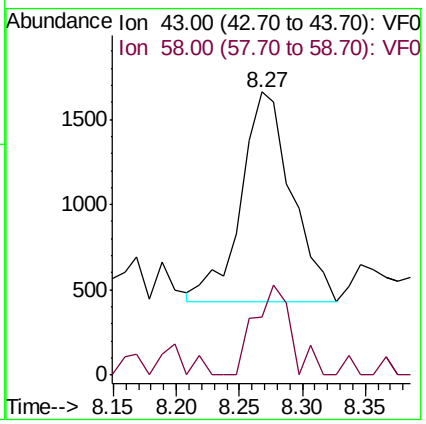


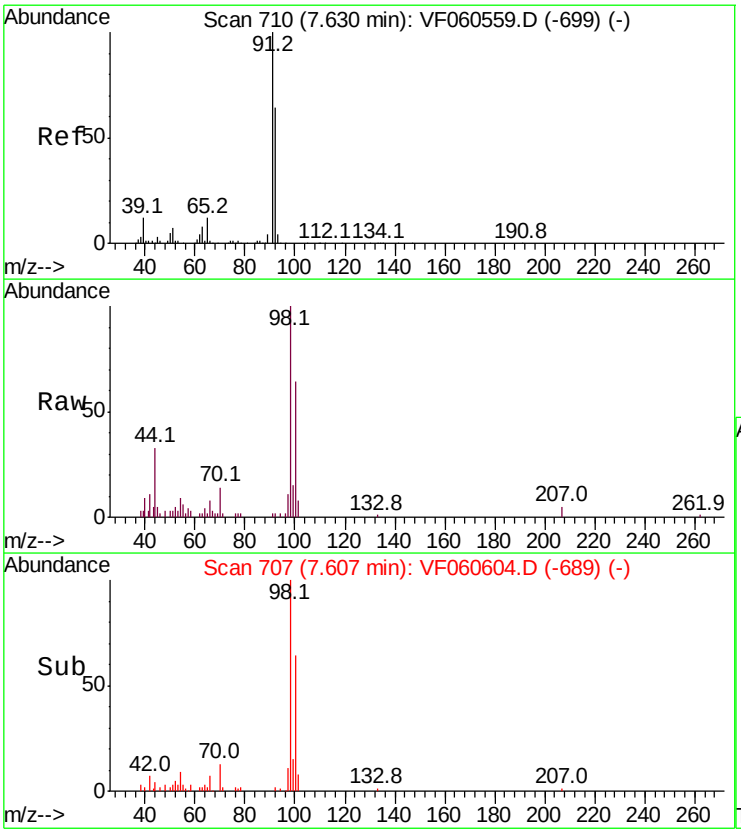
#51
4-Methyl-2-Pentanone
Concen: 1.645 ug/l
RT: 8.27 min Scan# 774
Delta R.T. 0.01 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3479

Ion	Ratio	Lower	Upper
43	100		
58	20.3	30.1	45.1#

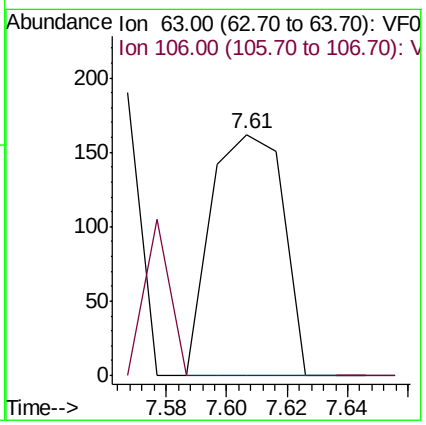


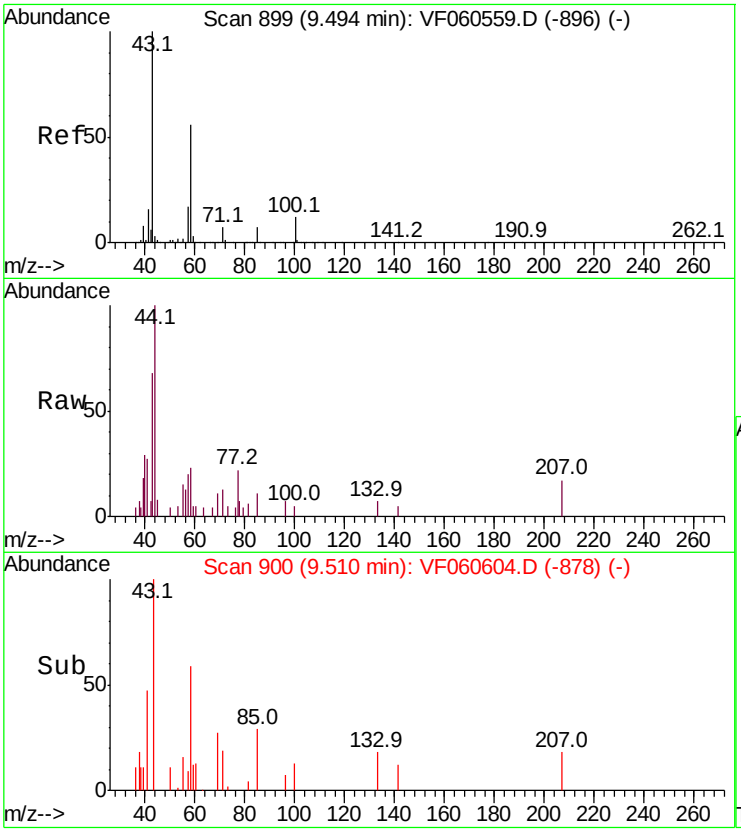


#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.61 min Scan# 707
Delta R.T. -0.02 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Tgt Ion: 63 Resp: 269

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



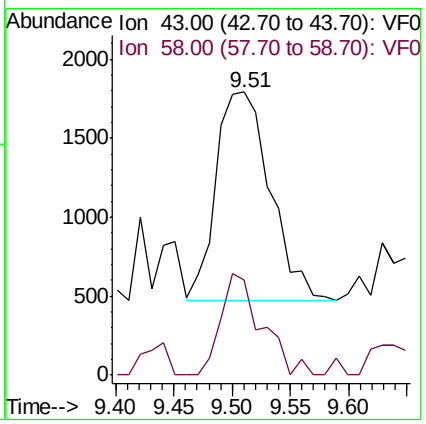


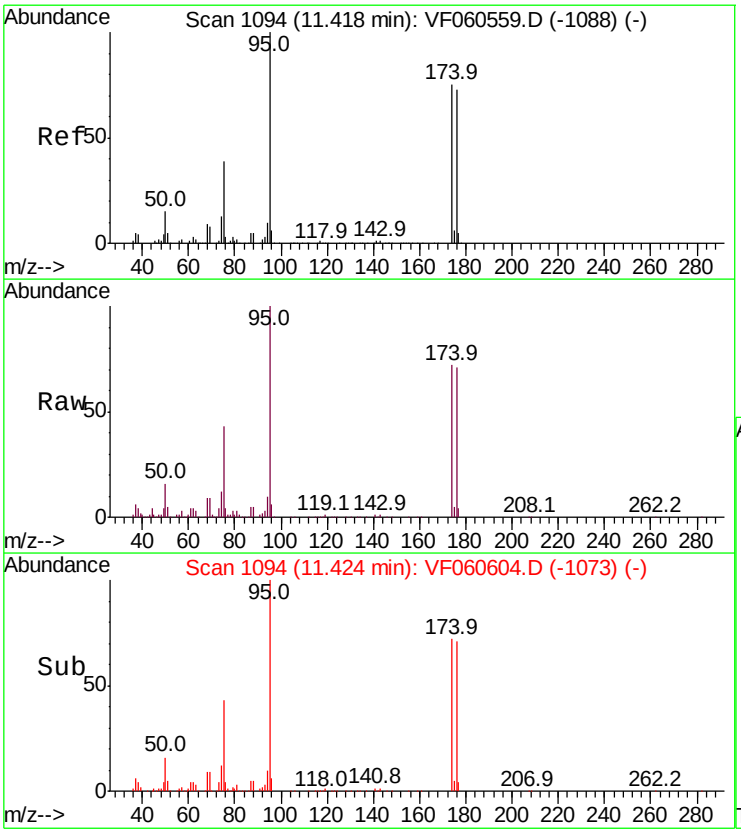
#59
2-Hexanone
Concen: Below Cal
RT: 9.51 min Scan# 900
Delta R.T. 0.02 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 4252

Ion	Ratio	Lower	Upper
43	100		
58	33.7	26.1	78.3

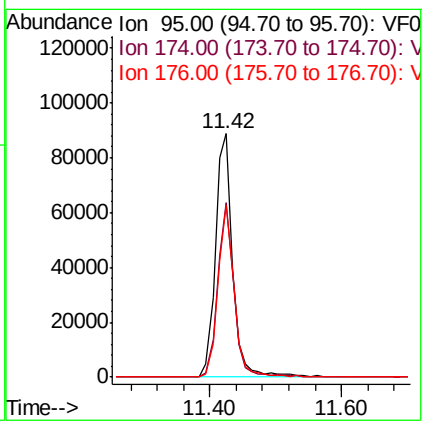


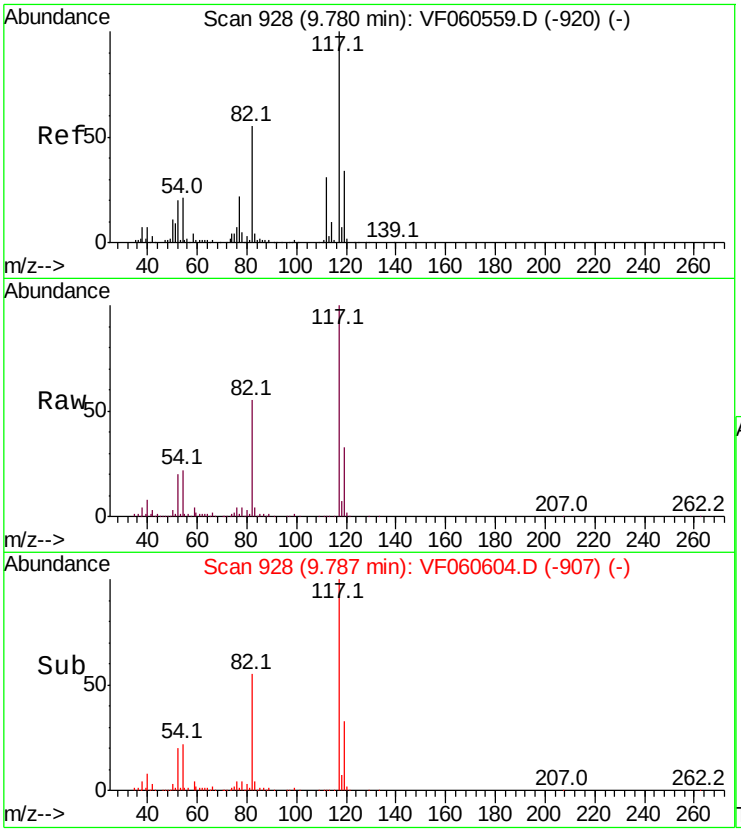


#62
4-Bromofluorobenzene
Concen: 34.172 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Tgt Ion: 95 Resp: 160938

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	149.0
176	70.7	0.0	145.6



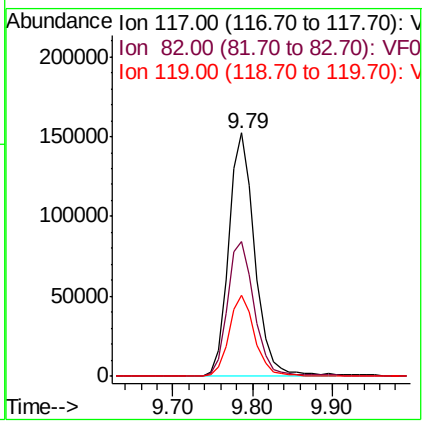


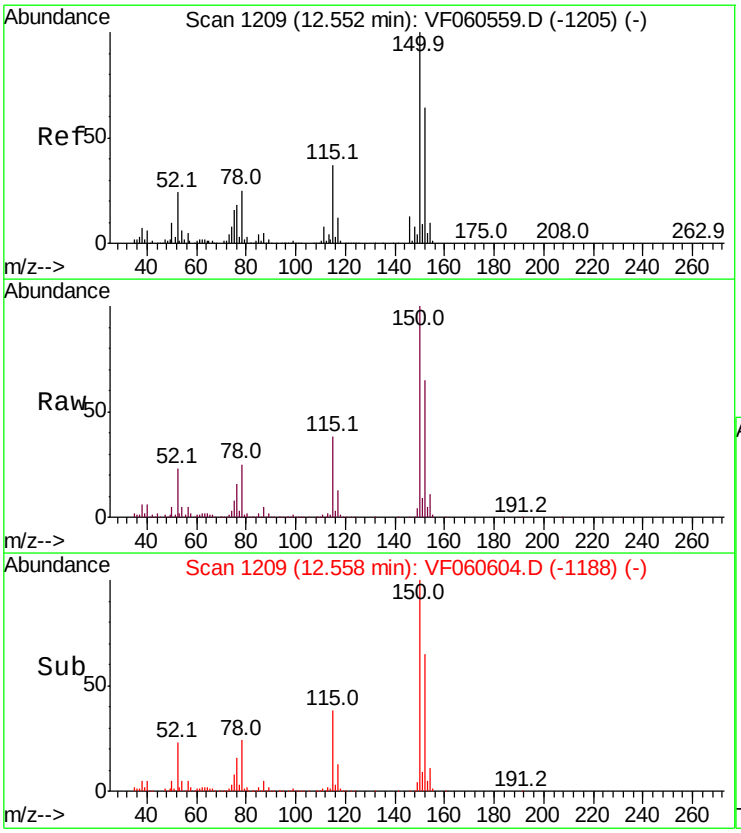
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 349987

Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.9	65.9
119	33.1	27.4	41.0

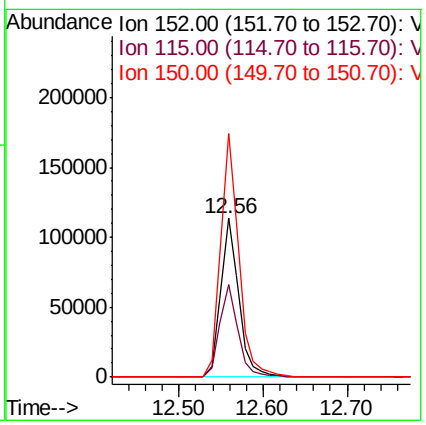


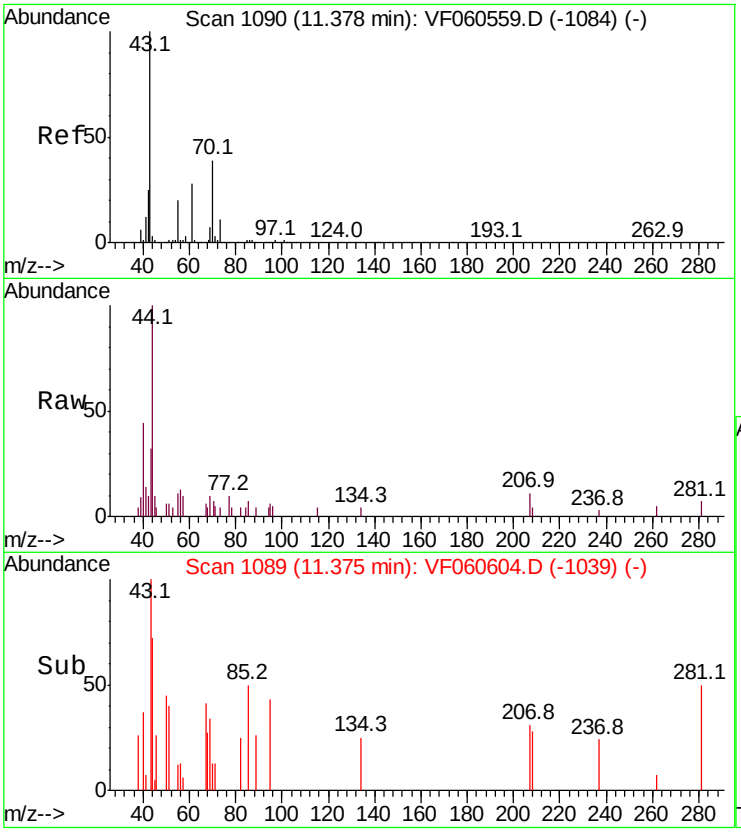


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Tgt Ion:152 Resp: 170144

Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.6	88.8
150	153.2	0.0	315.6





#74
N-amyl acetate
Concen: Below Cal
RT: 11.37 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 714

Ion	Ratio	Lower	Upper
43	100		
70	20.6	30.9	46.3#
55	33.6	16.6	24.8#
61	0.0	22.0	33.0#