Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111218\

Quantitation Report (Not Reviewed)

Data File : VF060703.D
Acq On : 12 Nov 2018 00:20
Operator : VA/AP
Sample : J5908-19RE
Misc : 3.95g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SR-8

Quant Time: Nov 13 04:21:56 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	244436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	428512	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	381660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	208606	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	141117	57.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.28%			
35) Dibromofluoromethane	4.11	113	161334	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.46%			
50) Toluene-d8	7.55	98	396334	40.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.82%			
62) 4-Bromofluorobenzene	11.41	95	184302	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.95	85	104	Below Cal	#	41
6) Chloroethane	1.40	64	97	Below Cal	#	24
11) Tert butyl alcohol	2.56	59	677	Below Cal	#	1
13) Acrolein	2.02	56	1377	Below Cal		88
15) Acrylonitrile	2.94	53	1176	3.995 ug/l	#	15
16) Acetone	2.23	43	22472	38.614 ug/l		93
18) Methyl Acetate	2.33	43	777	1.330 ug/l	#	87
25) 2-Butanone	4.36	43	2469	Below Cal	#	56
29) Tetrahydrofuran	4.08	42	943	Below Cal	#	56
49) 1,4-Dioxane	6.69	88	119	6.318 ug/l	#	53
58) 2-Chloroethyl Vinyl ether	7.61	63	158	Below Cal		100
59) 2-Hexanone	9.49	43	1615	Below Cal		74
70) Styrene	10.79	104	117359	13.905 ug/l		92
74) N-amyl acetate	11.37	43	851	Below Cal	#	67
89) n-Butylbenzene	12.84	91	561	Below Cal		93

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

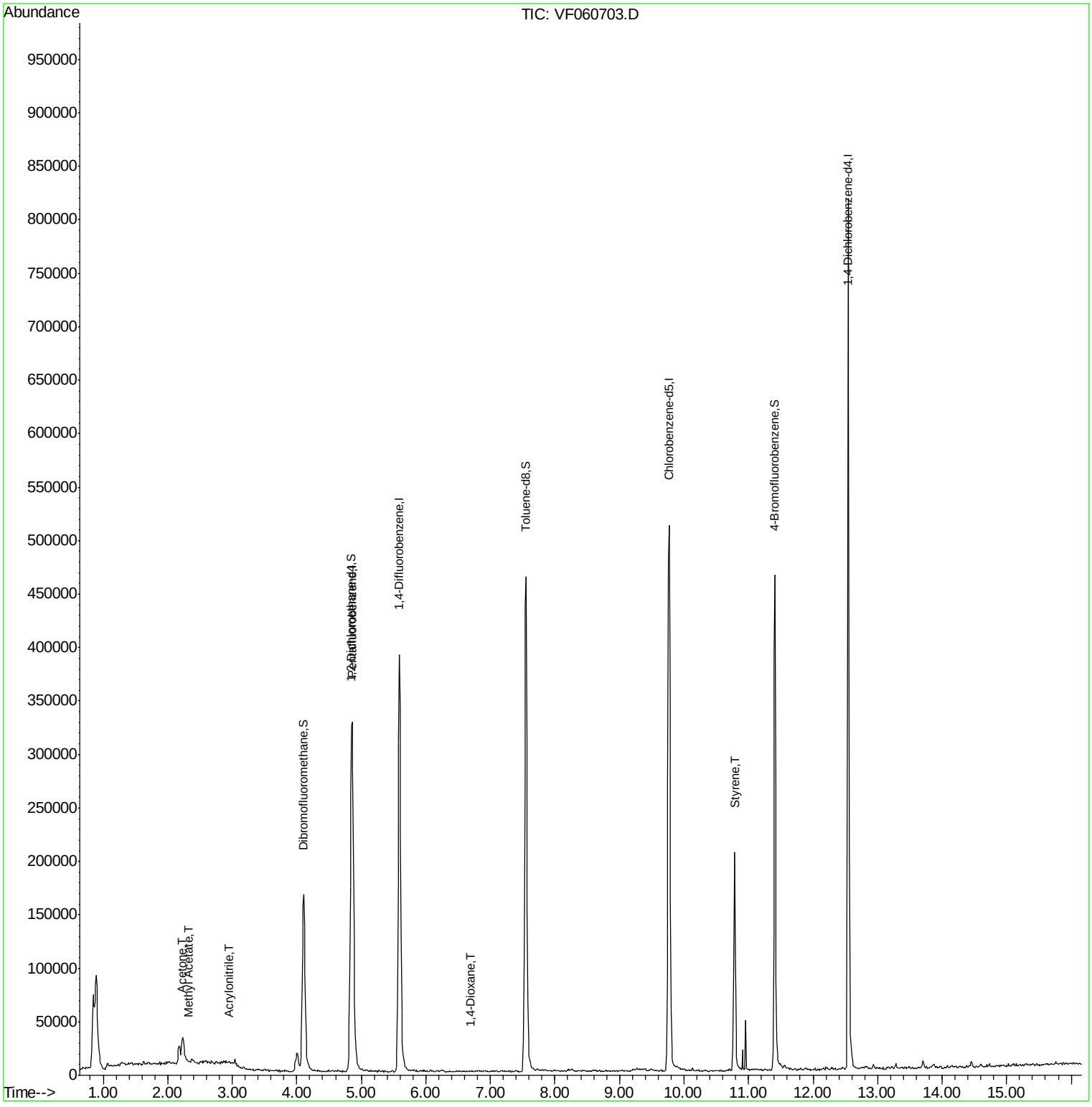
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111218\

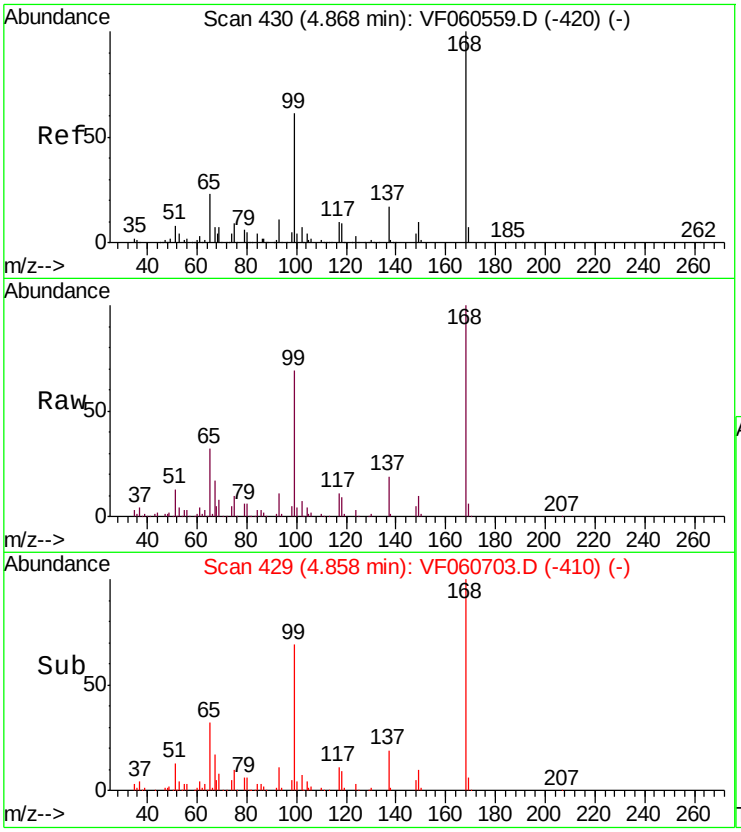
Quantitation Report (Not Reviewed)

Data File : VF060703.D
Acq On : 12 Nov 2018 00:20
Operator : VA/AP
Sample : J5908-19RE
Misc : 3.95g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SR-8

Quant Time: Nov 13 04:21:56 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



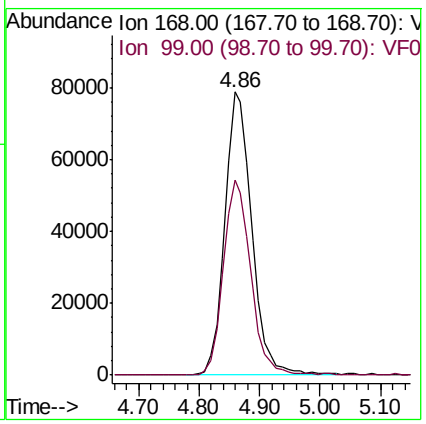


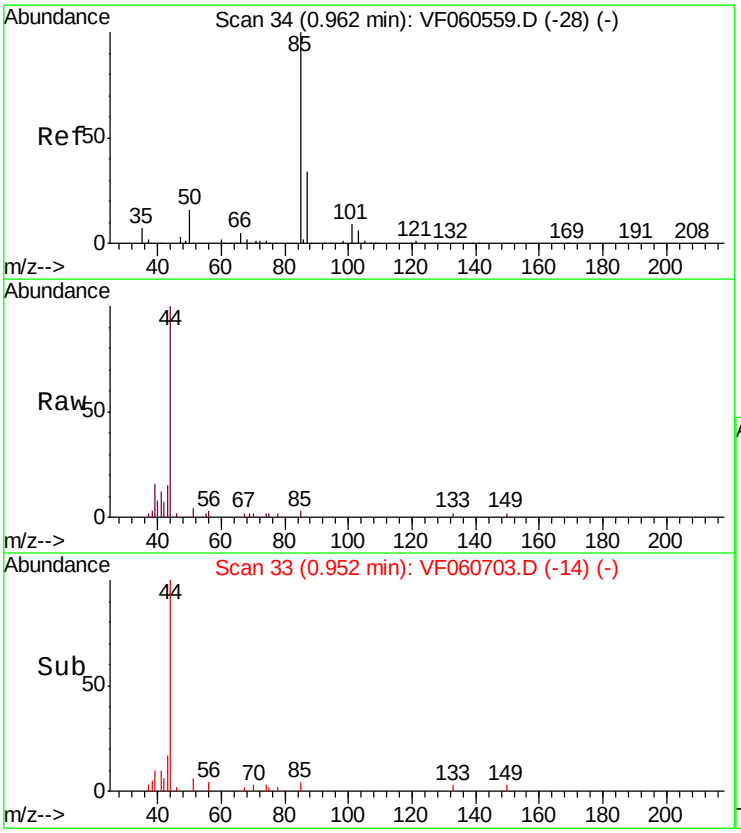
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Instrument :
MSVOA_F
ClientSampleId :
SR-8

Tgt Ion:168 Resp: 244436

Ion	Ratio	Lower	Upper
168	100		
99	69.0	48.6	72.8

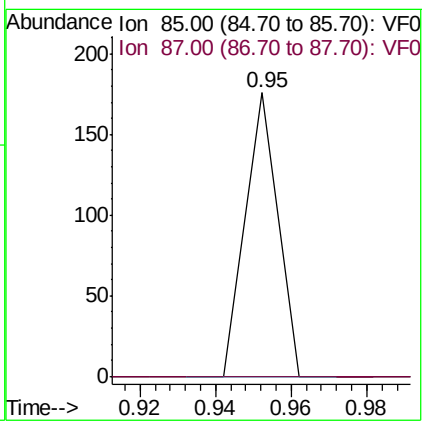


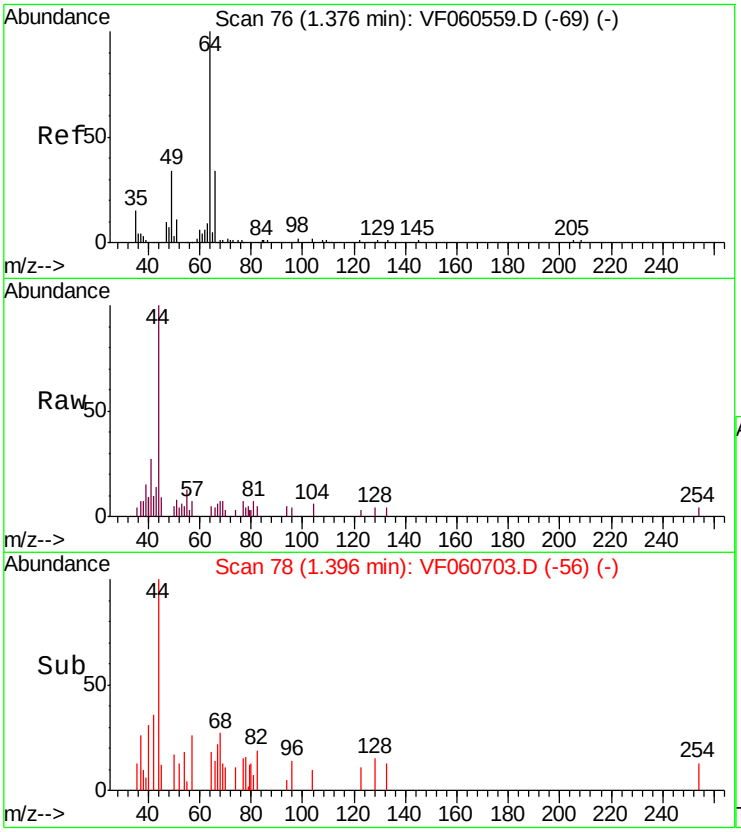


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.95 min Scan# 33
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Tgt Ion: 85 Resp: 104

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



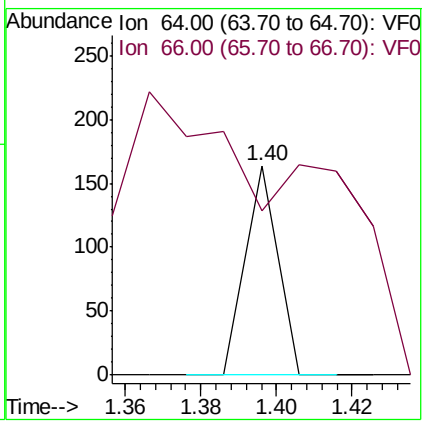


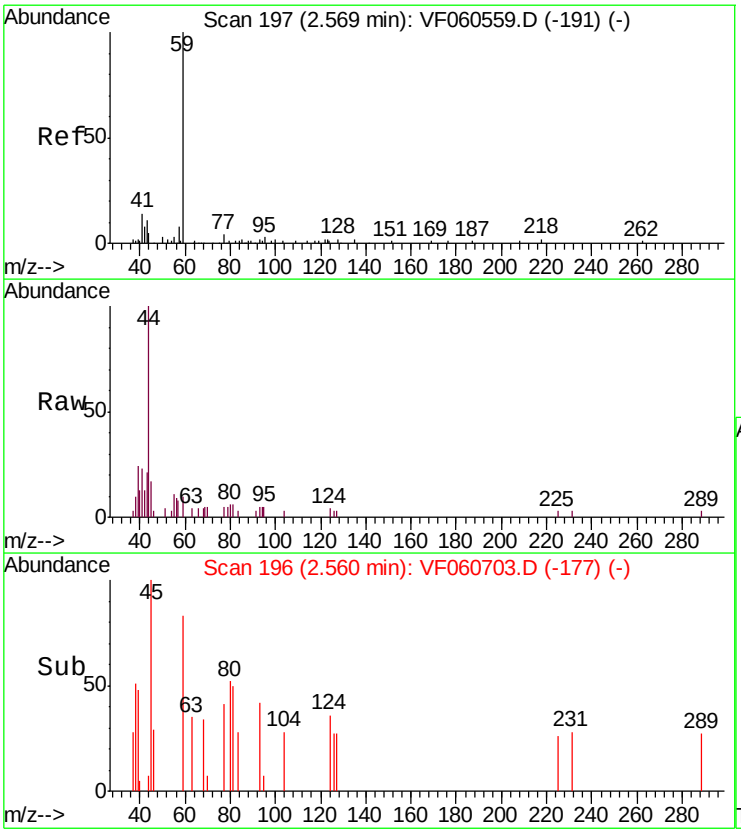
#6
Chloroethane
Concen: Below Cal
RT: 1.40 min Scan# 78
Delta R.T. 0.02 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Instrument : MSVOA_F
ClientSampleId : SR-8

Tgt Ion: 64 Resp: 97

Ion	Ratio	Lower	Upper
64	100		
66	78.7	27.8	41.8#

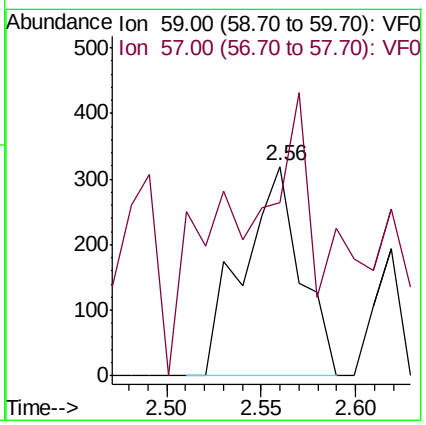


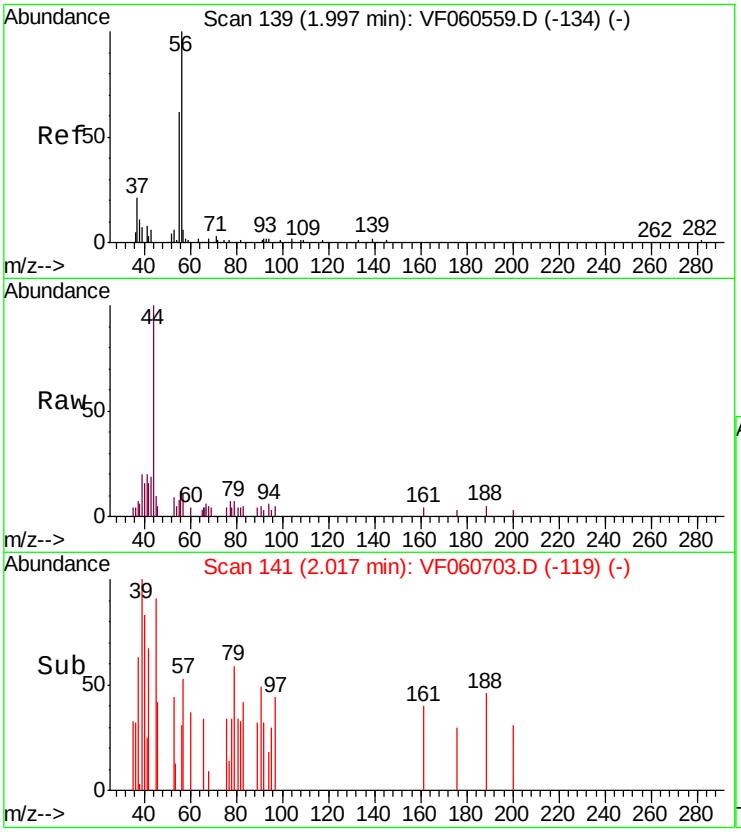


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.56 min Scan# 196
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Tgt Ion: 59 Resp: 677

Ion	Ratio	Lower	Upper
59	100		
57	82.8	19.0	28.4#



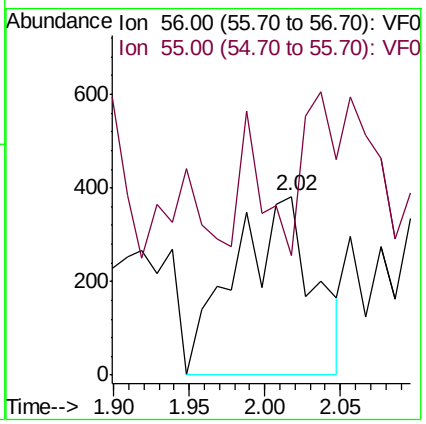


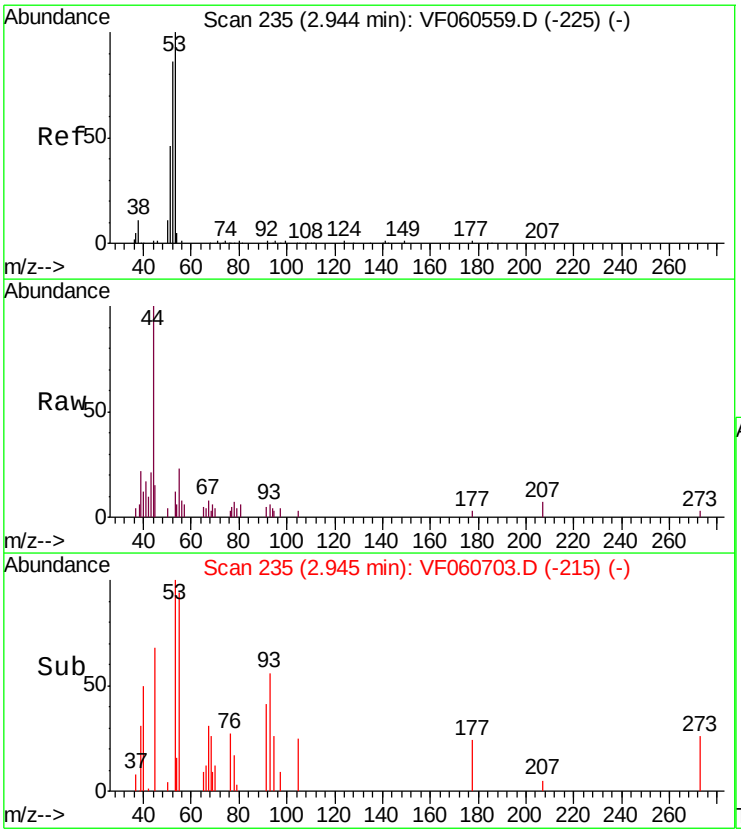
#13
Acrolein
Concen: Below Cal
RT: 2.02 min Scan# 141
Delta R.T. 0.02 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Instrument : MSVOA_F
ClientSampleId : SR-8

Tgt Ion: 56 Resp: 1377

Ion	Ratio	Lower	Upper
56	100		
55	66.8	61.8	92.6

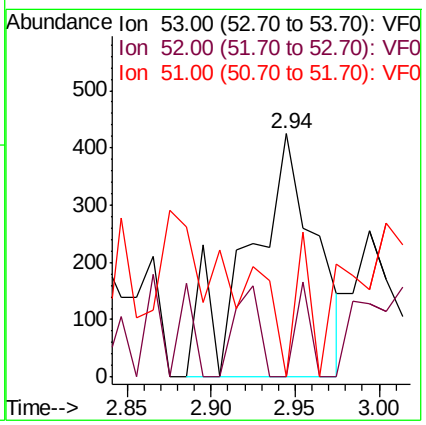


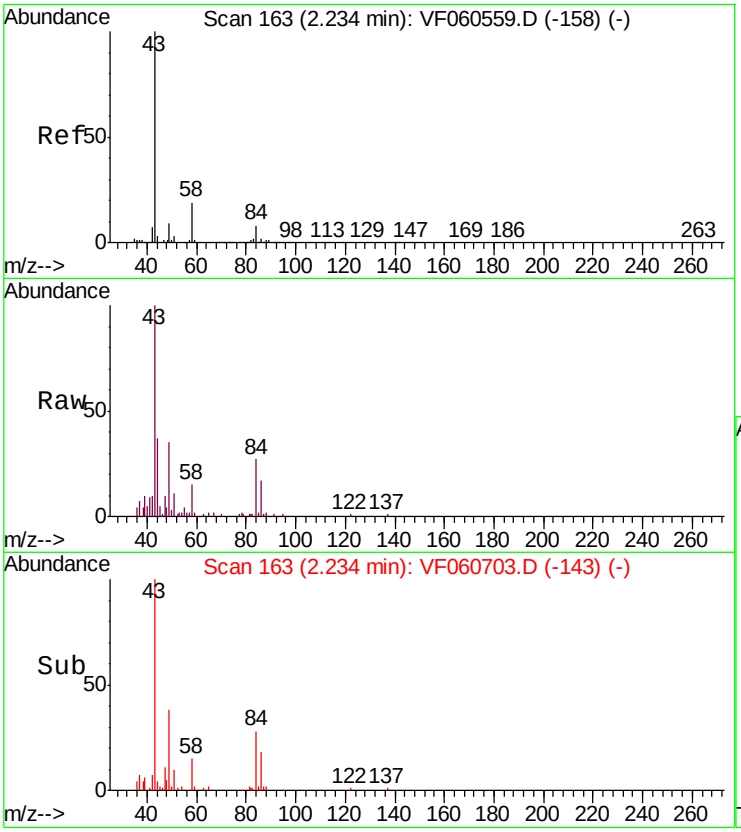


#15
Acrylonitrile
Concen: 3.995 ug/l
RT: 2.94 min Scan# 235
Delta R.T. 0.00 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Tgt Ion: 53 Resp: 1176

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



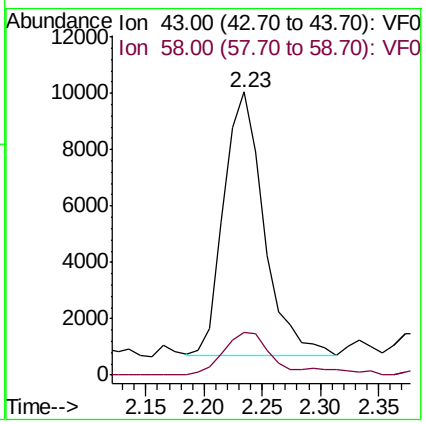


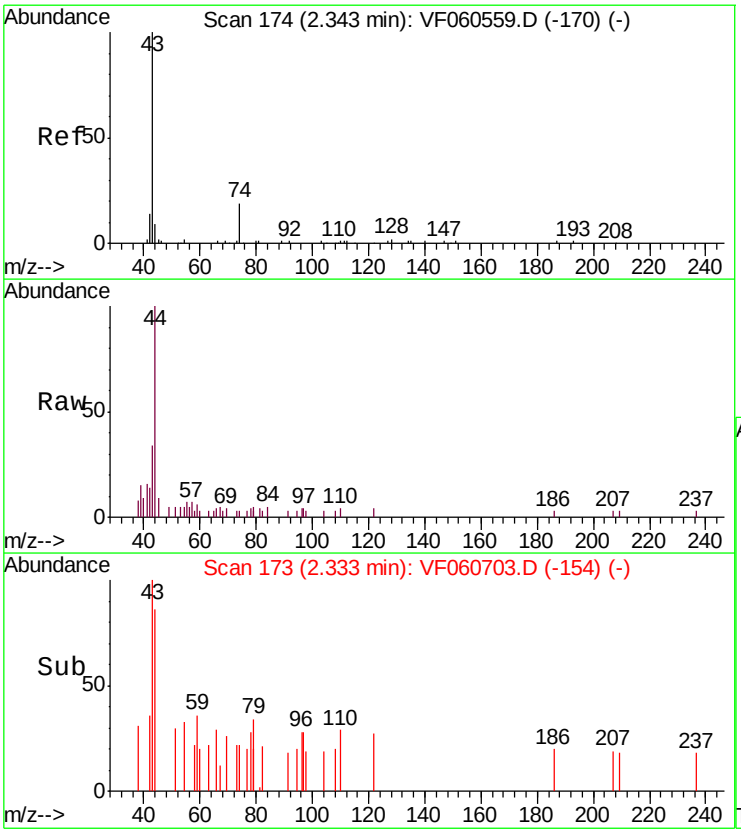
#16
Acetone
Concen: 38.614 ug/l
RT: 2.23 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Instrument : MSVOA_F
ClientSampleId : SR-8

Tgt Ion: 43 Resp: 22472

Ion	Ratio	Lower	Upper
43	100		
58	15.0	14.6	22.0

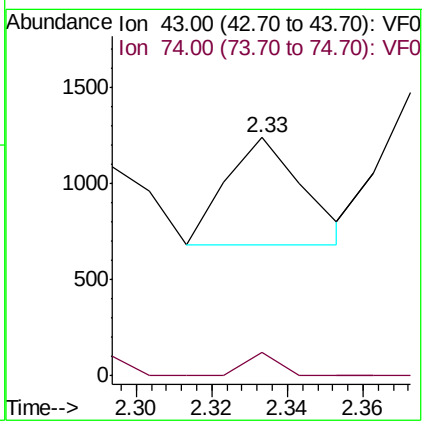


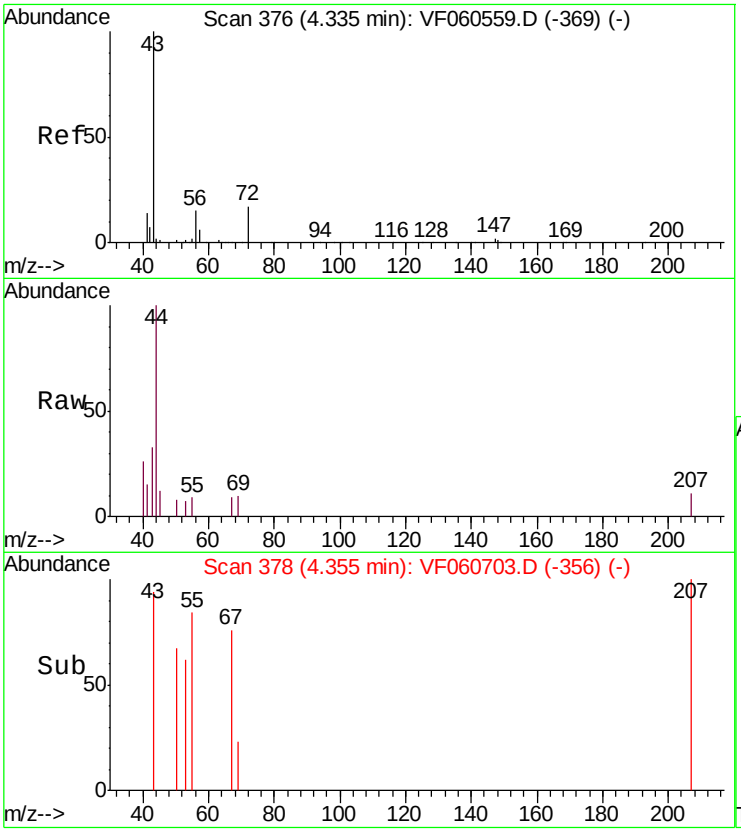


#18
Methyl Acetate
Concen: 1.330 ug/l
RT: 2.33 min Scan# 173
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Tgt Ion: 43 Resp: 777

Ion	Ratio	Lower	Upper
43	100		
74	9.8	12.1	18.1#



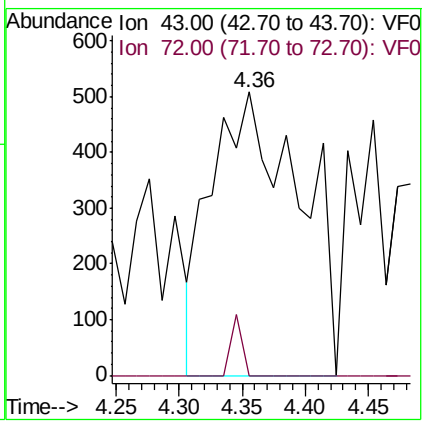


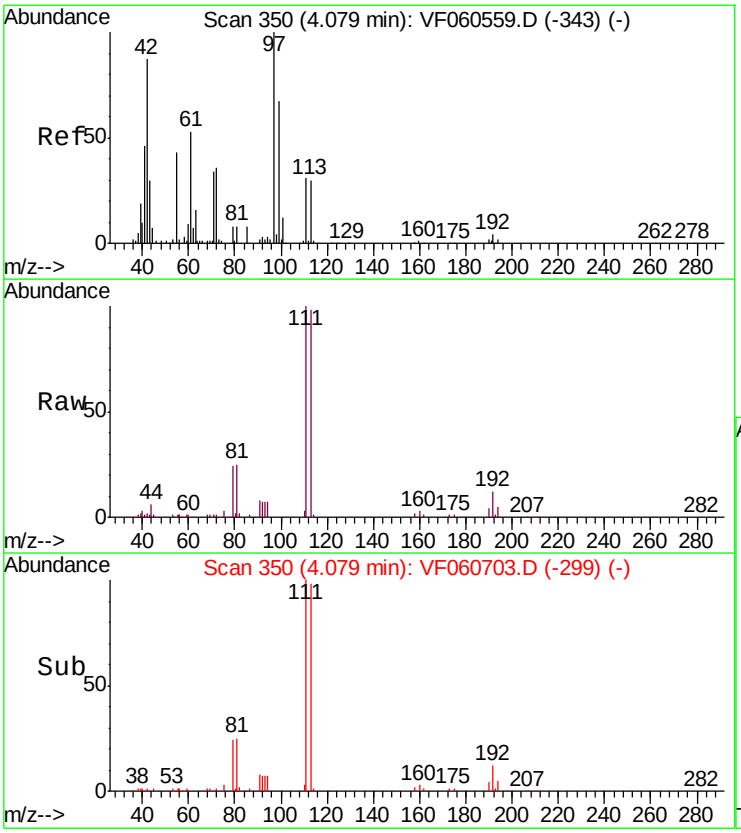
#25
2-Butanone
Concen: Below Cal
RT: 4.36 min Scan# 378
Delta R.T. 0.02 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Instrument : MSVOA_F
ClientSampleId : SR-8

Tgt Ion: 43 Resp: 2469

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.2#

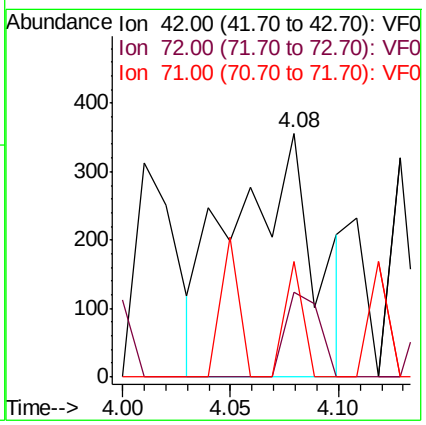


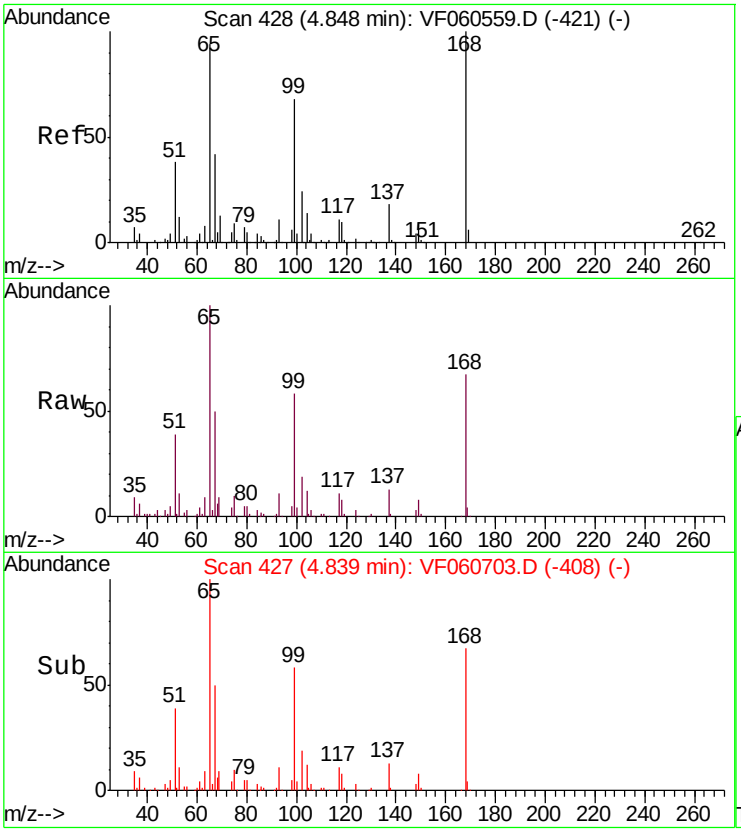


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.08 min Scan# 350
Delta R.T. 0.00 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Tgt Ion: 42 Resp: 943

Ion	Ratio	Lower	Upper
42	100		
72	14.4	31.4	47.0#
71	10.5	31.8	47.6#



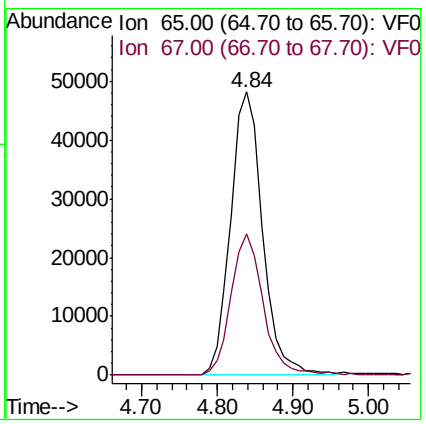


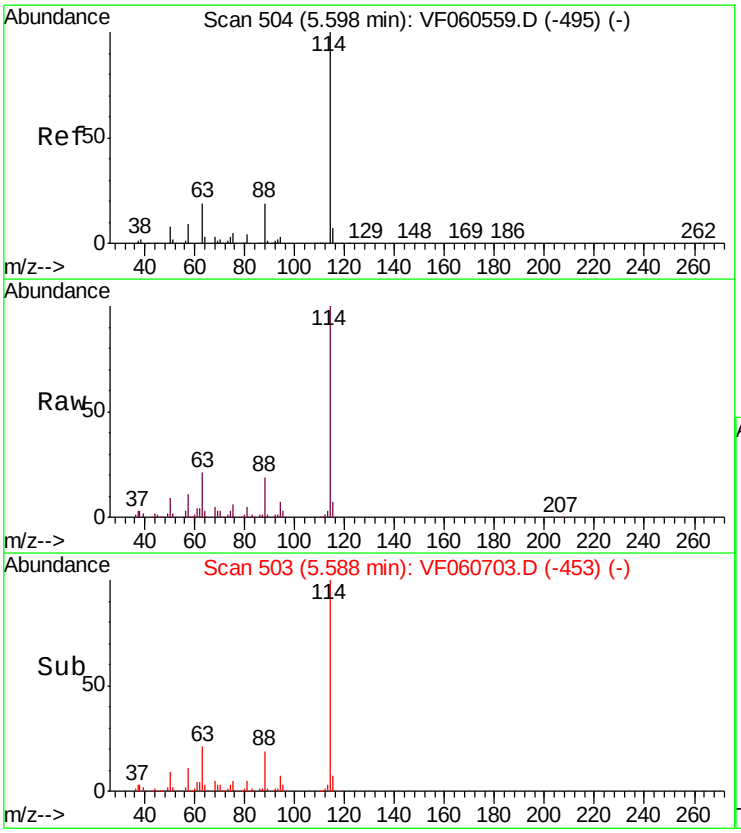
#33
1,2-Dichloroethane-d4
Concen: 57.139 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Instrument : MSVOA_F
ClientSampleId : SR-8

Tgt Ion: 65 Resp: 141117

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	101.8

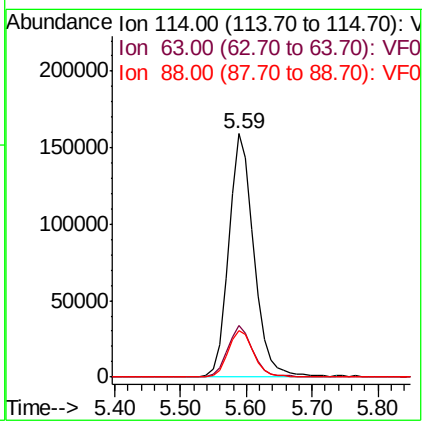


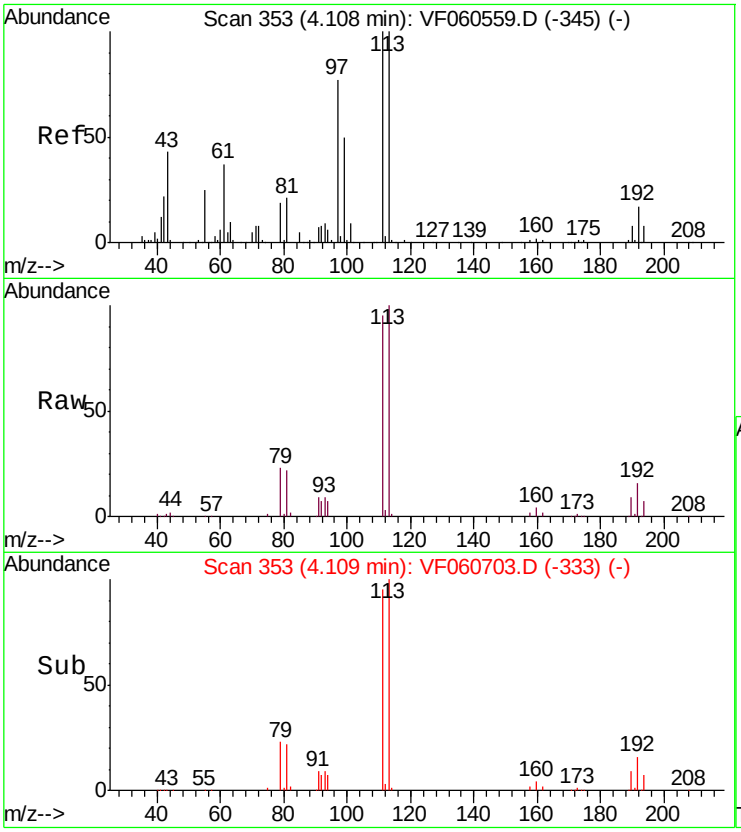


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Tgt Ion:114 Resp: 428512

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.0
88	18.9	0.0	38.2



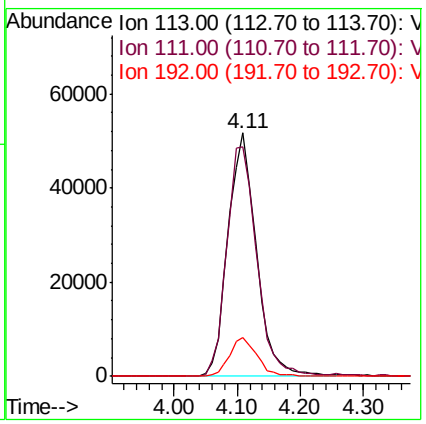


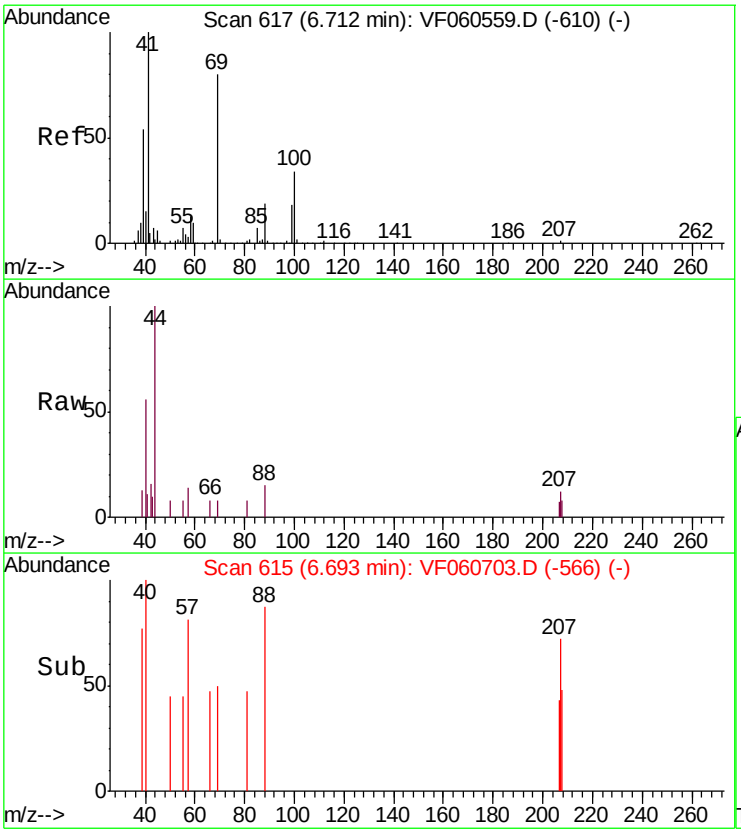
#35
Dibromofluoromethane
Concen: 48.732 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Instrument : MSVOA_F
ClientSampleId : SR-8

Tgt Ion:113 Resp: 161334

Ion	Ratio	Lower	Upper
113	100		
111	94.5	79.9	119.9
192	16.1	13.3	19.9

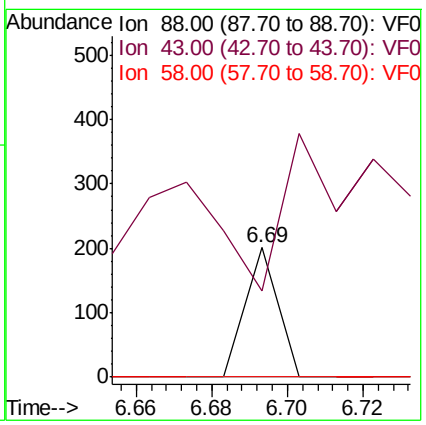


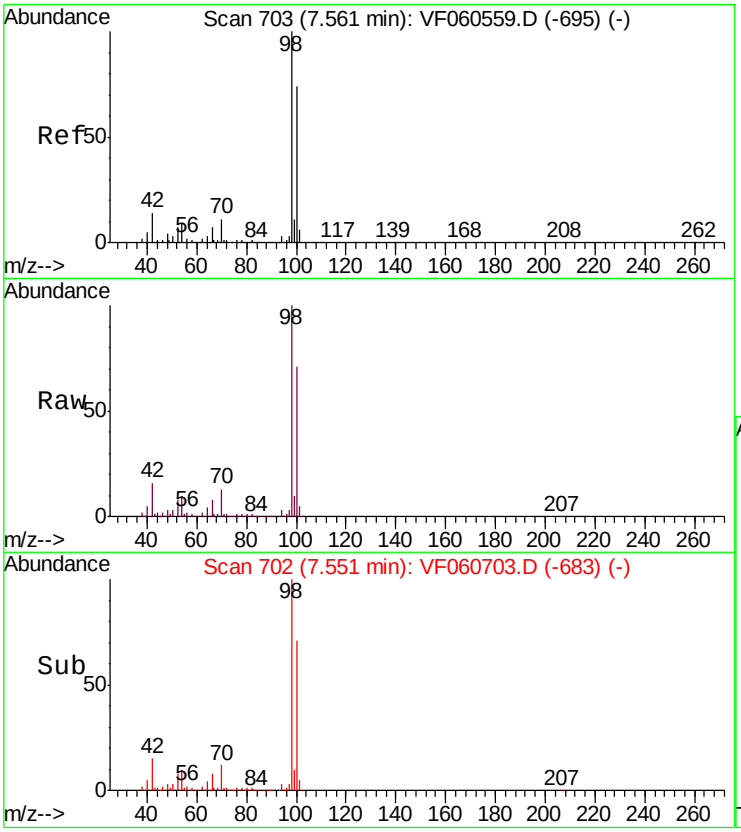


#49
1,4-Dioxane
Concen: 6.318 ug/l
RT: 6.69 min Scan# 615
Delta R.T. -0.02 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Tgt Ion: 88 Resp: 119

Ion	Ratio	Lower	Upper
88	100		
43	66.7	61.2	91.8
58	0.0	56.9	85.3#



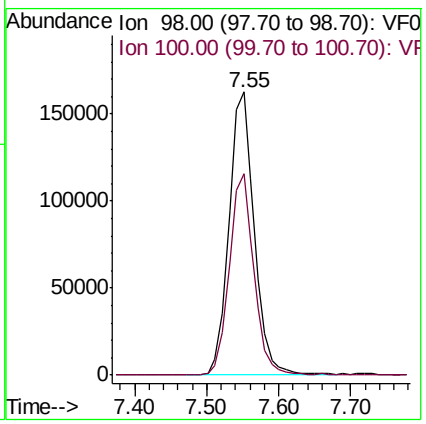


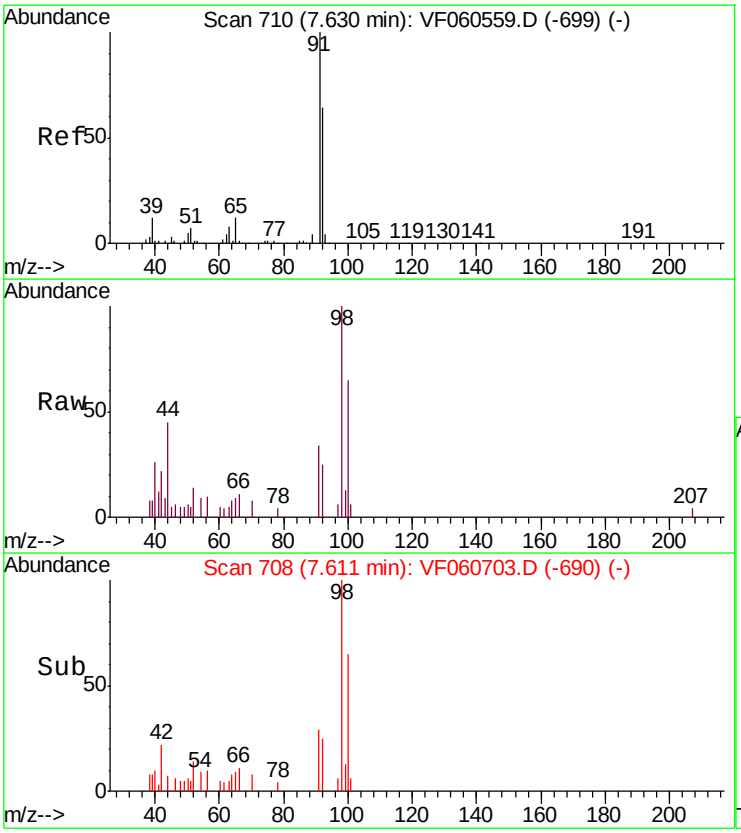
#50
Toluene-d8
Concen: 40.413 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Instrument :
MSVOA_F
ClientSampleId :
SR-8

Tgt Ion: 98 Resp: 396334

Ion	Ratio	Lower	Upper
98	100		
100	71.4	59.4	89.2

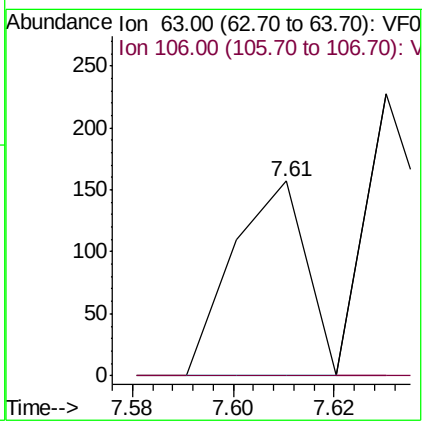


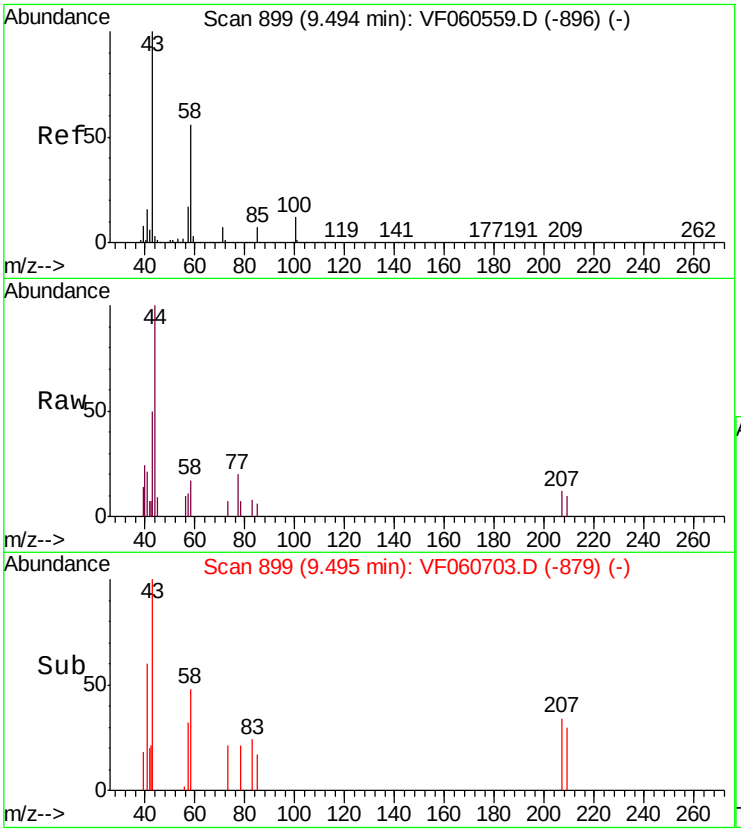


#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.61 min Scan# 708
Delta R.T. -0.02 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Tgt Ion: 63 Resp: 158

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



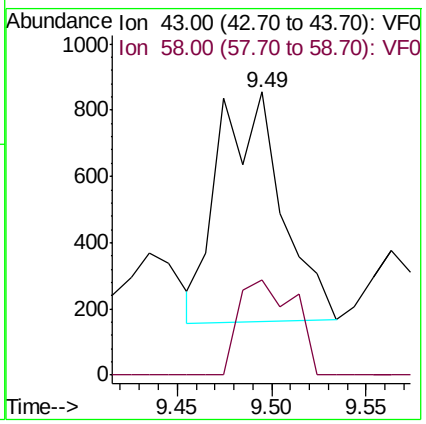


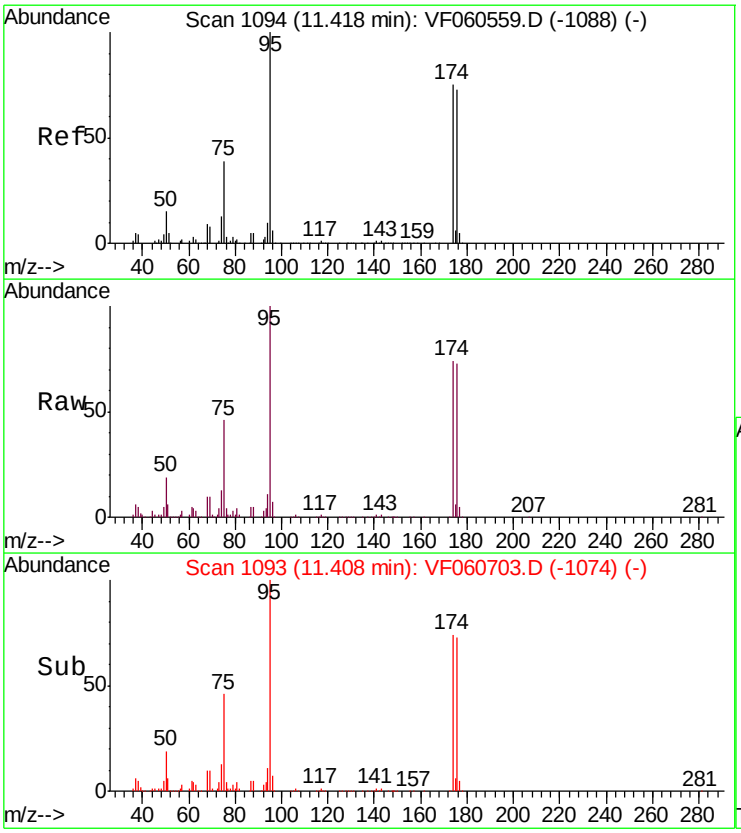
#59
2-Hexanone
Concen: Below Cal
RT: 9.49 min Scan# 899
Delta R.T. 0.00 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Instrument :
MSVOA_F
ClientSampleId :
SR-8

Tgt Ion: 43 Resp: 1615

Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.1	78.3

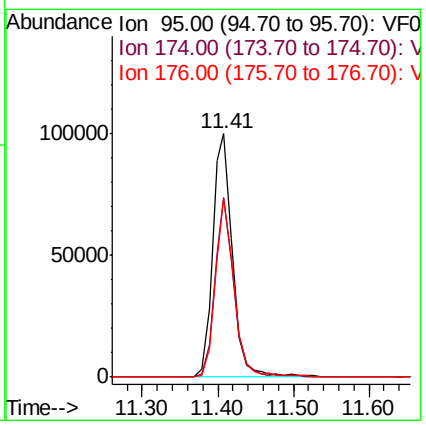


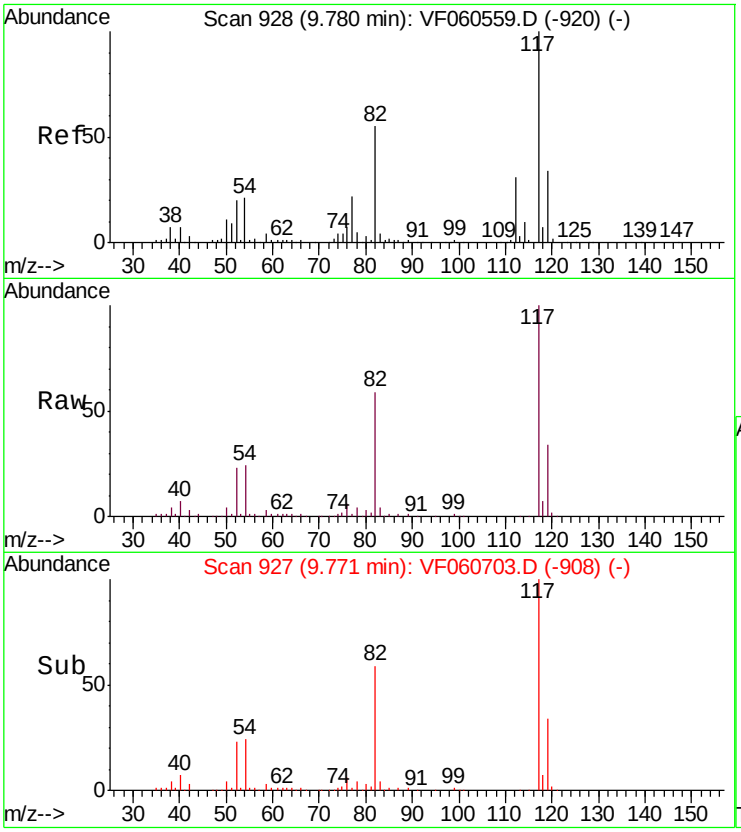


#62
4-Bromofluorobenzene
Concen: 42.963 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Tgt Ion: 95 Resp: 184302

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	149.0
176	73.2	0.0	145.6



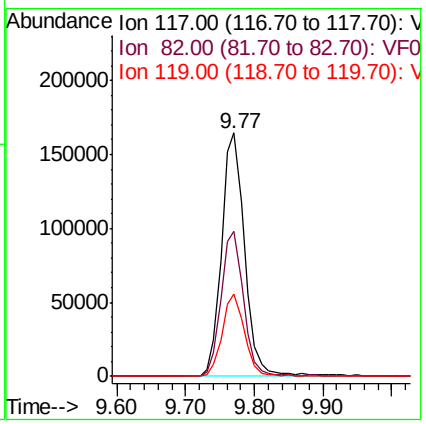


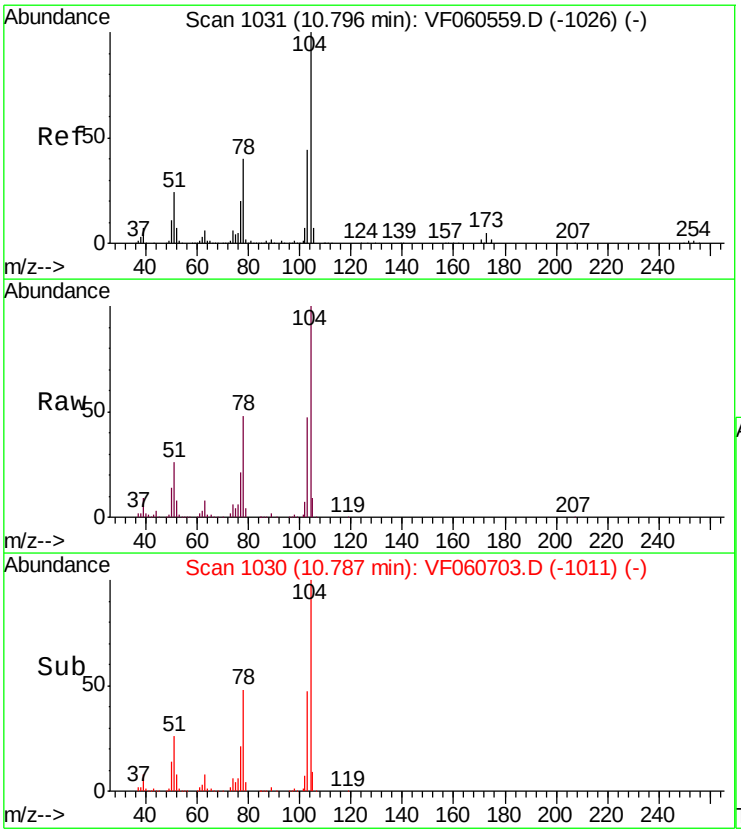
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Instrument : MSVOA_F
ClientSampleId : SR-8

Tgt Ion:117 Resp: 381660

Ion	Ratio	Lower	Upper
117	100		
82	59.4	43.9	65.9
119	33.6	27.4	41.0

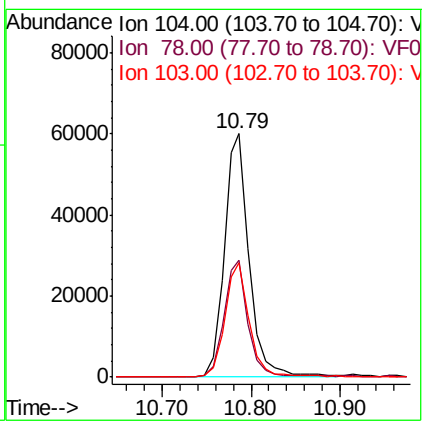


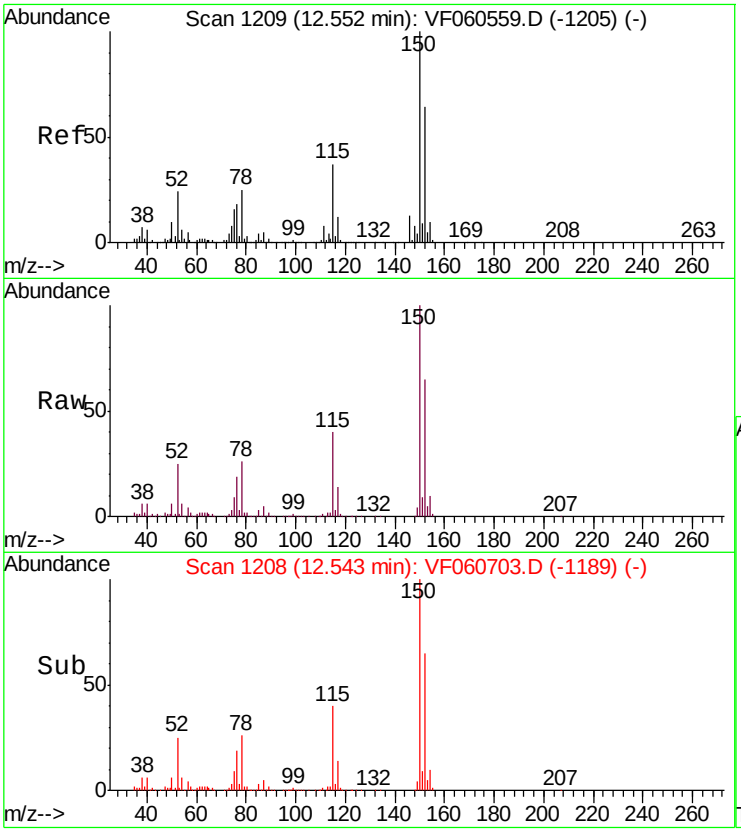


#70
Styrene
Concen: 13.905 ug/l
RT: 10.79 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Tgt Ion:104 Resp: 117359

Ion	Ratio	Lower	Upper
104	100		
78	47.8	32.6	49.0
103	47.2	35.2	52.8



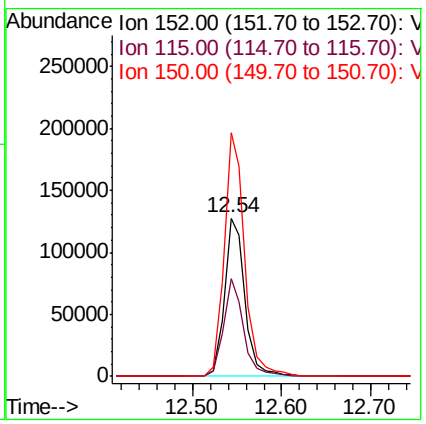


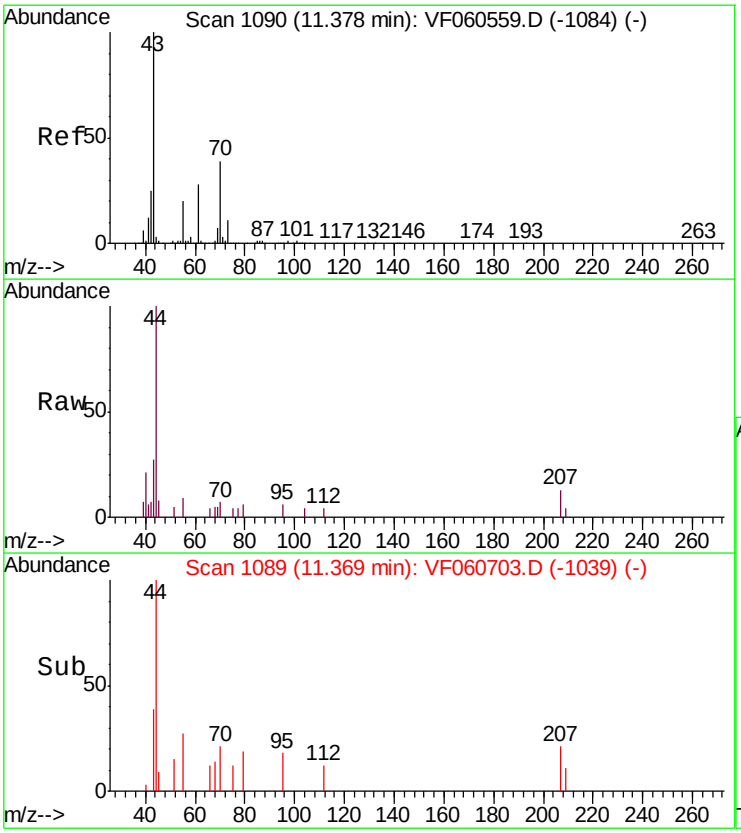
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Instrument :
MSVOA_F
ClientSampleId :
SR-8

Tgt Ion:152 Resp: 208606

Ion	Ratio	Lower	Upper
152	100		
115	62.0	29.6	88.8
150	154.0	0.0	315.6





#74
N-amyl acetate
Concen: Below Cal
RT: 11.37 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VF060703.D
Acq: 12 Nov 2018 00:20

Tgt Ion: 43 Resp: 851

Ion	Ratio	Lower	Upper
43	100		
70	25.8	30.9	46.3#
55	34.2	16.6	24.8#
61	0.0	22.0	33.0#