Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110518\
Data File : VF060598.D
Acq On : 6 Nov 2018 6:43
Operator : VA/AP
Sample : J5776-01
Misc : 5.33/5mL/MSVOA-F/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 06 07:43:52 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	4.88	168	195210	50.00	ug/l		0.01
34) 1,4-Difluorobenzene	5.61	114	405365	50.00	ug/l		0.01
63) Chlorobenzene-d5	9.78	117	322884	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	158563	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.85	65	129361	65.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 131.18%				
35) Dibromofluoromethane	4.12	113	152497	48.69	ug/l		0.01
Spiked Amount 50.000			Recovery = 97.38%				
50) Toluene-d8	7.56	98	313454	33.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 67.58%				
62) 4-Bromofluorobenzene	11.42	95	156902	38.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 77.32%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.98	85	558	Below Cal		#	41
6) Chloroethane	1.33	64	93	Below Cal		#	1
11) Tert butyl alcohol	2.56	59	273	Below Cal		#	1
13) Acrolein	2.06	56	193	Below Cal		#	26
15) Acrylonitrile	2.99	53	679	2.889	ug/l	#	61
16) Acetone	2.37	43	2556	5.500	ug/l		92
18) Methyl Acetate	2.37	43	2613	4.064	ug/l	#	64
20) Methylene Chloride	2.24	84	10535	2.448	ug/l		88
25) 2-Butanone	4.37	43	353	Below Cal		#	56
29) Tetrahydrofuran	4.08	42	632	Below Cal		#	66
30) Chloroform	3.87	83	6440	1.434	ug/l		92
49) 1,4-Dioxane	6.55	88	67	3.760	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.28	43	3258	1.788	ug/l	#	78
58) 2-Chloroethyl Vinyl ether	7.61	63	266	Below Cal			100
59) 2-Hexanone	9.51	43	3399	Below Cal			65
74) N-amyl acetate	11.35	43	760	Below Cal		#	44
89) n-Butylbenzene	12.85	91	1264	Below Cal		#	66

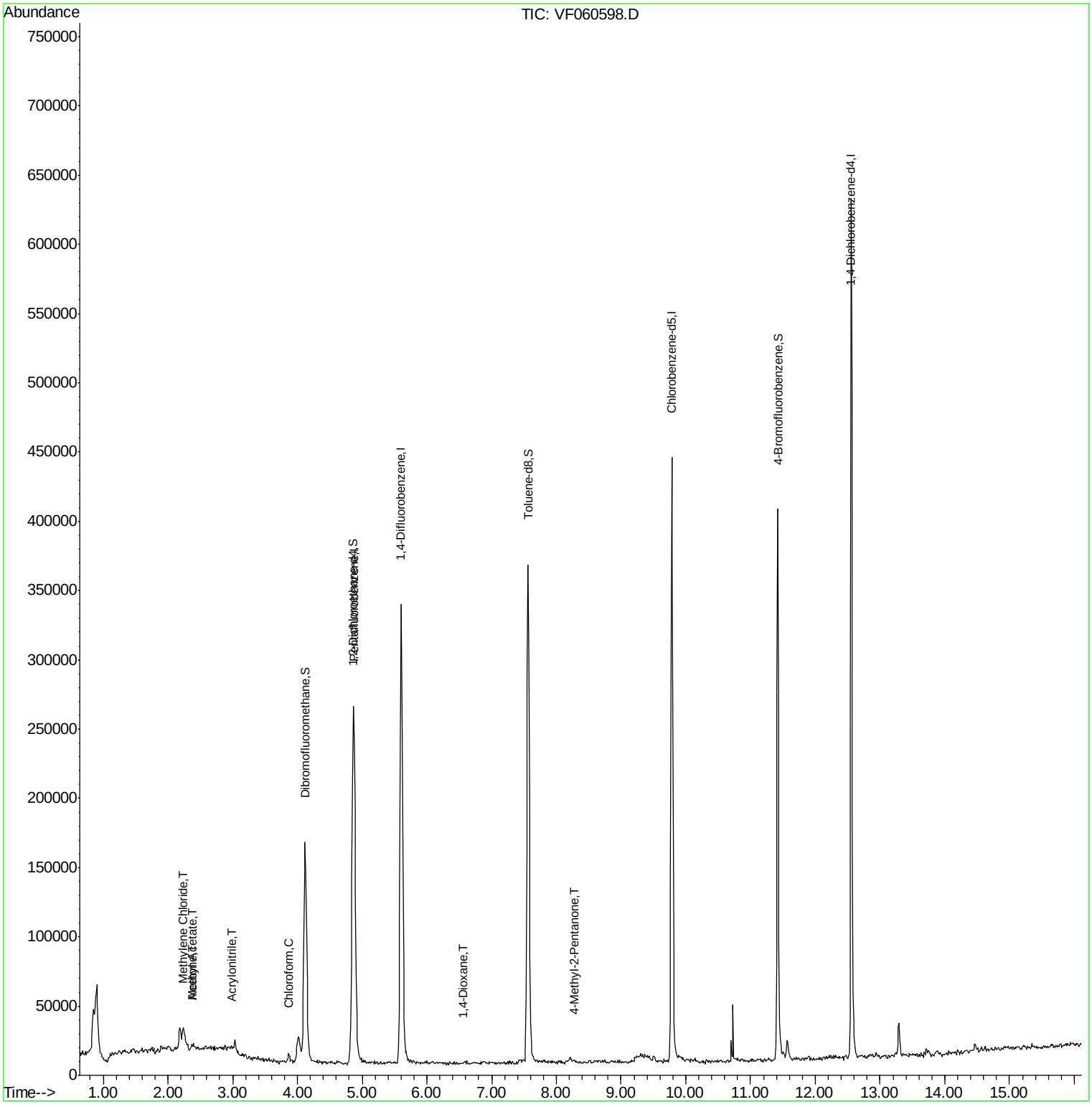
(#) = qualifier out of range (m) = manual integration (+) = signals summed

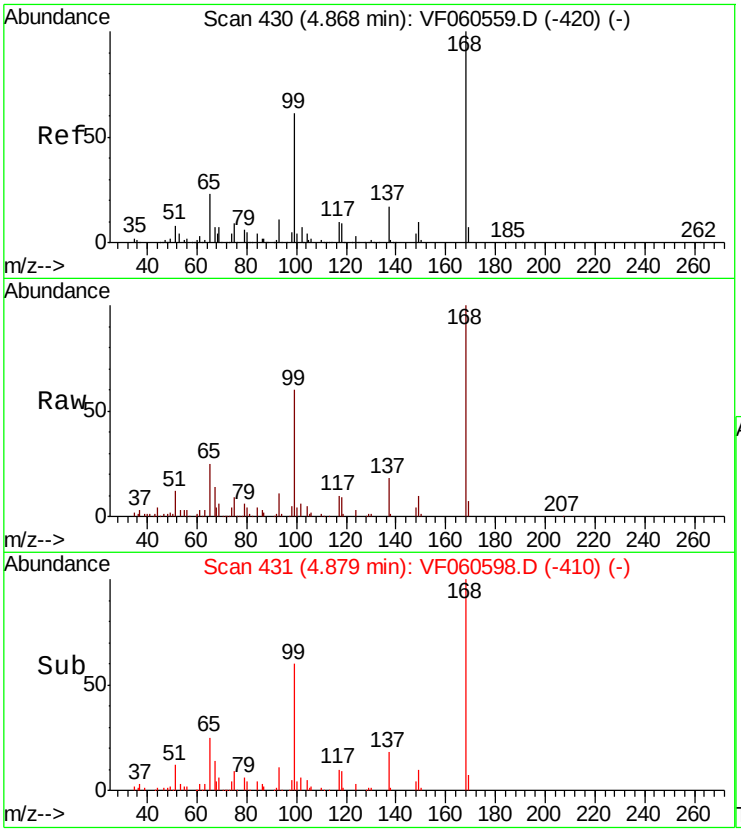
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
Data File : VF060598.D
Acq On : 6 Nov 2018 6:43
Operator : VA/AP
Sample : J5776-01
Misc : 5.33/5mL/MSVOA-F/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 06 07:43:52 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



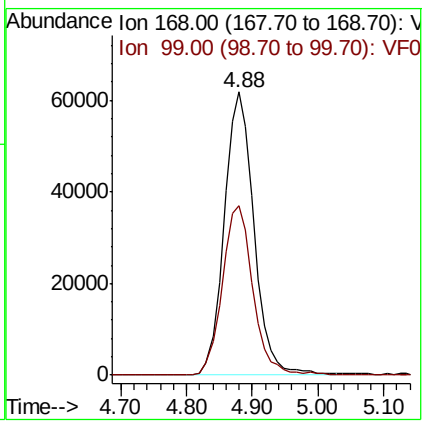


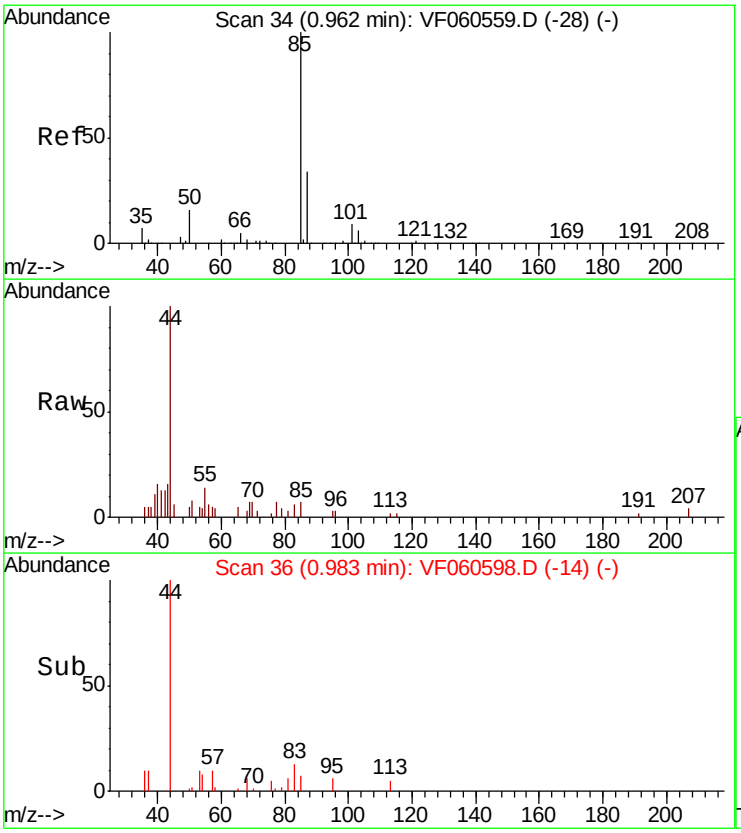
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 195210

Ion	Ratio	Lower	Upper
168	100		
99	60.0	48.6	72.8

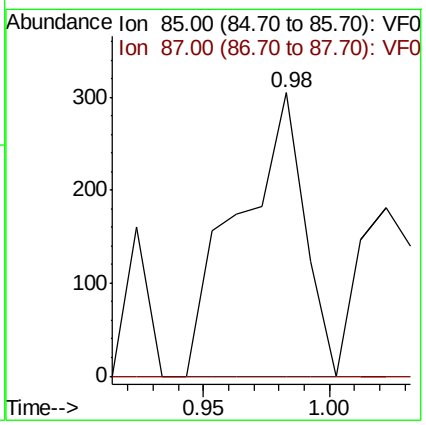


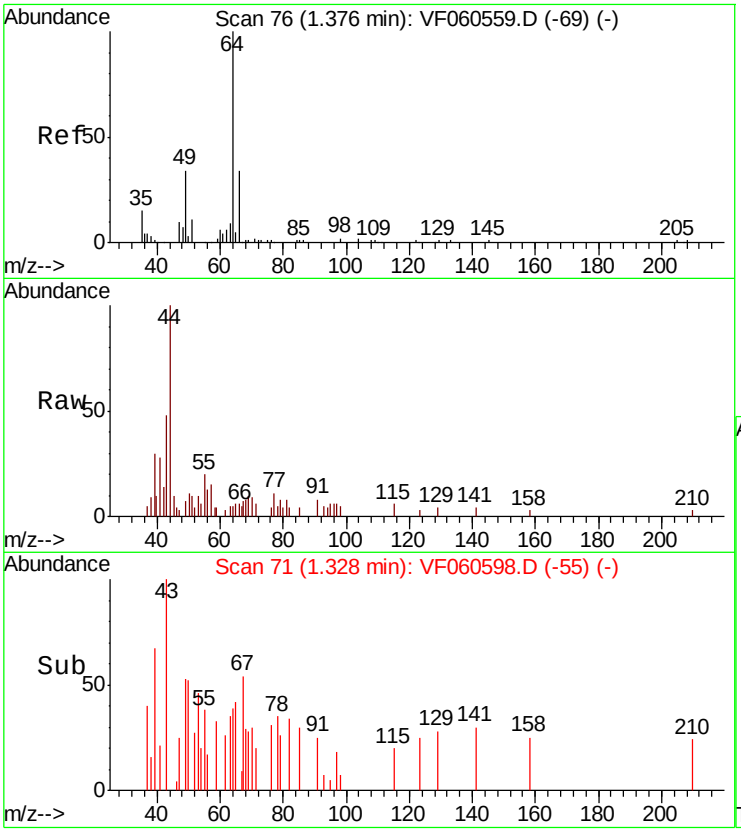


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.98 min Scan# 36
Delta R.T. 0.02 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Tgt Ion: 85 Resp: 558

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



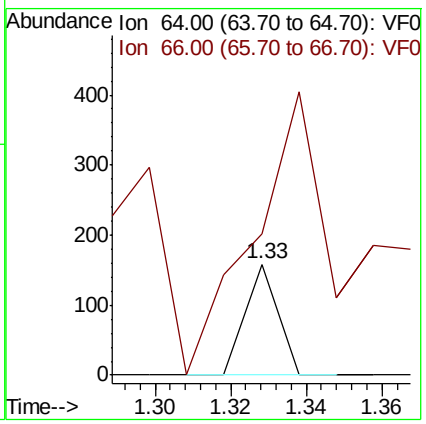


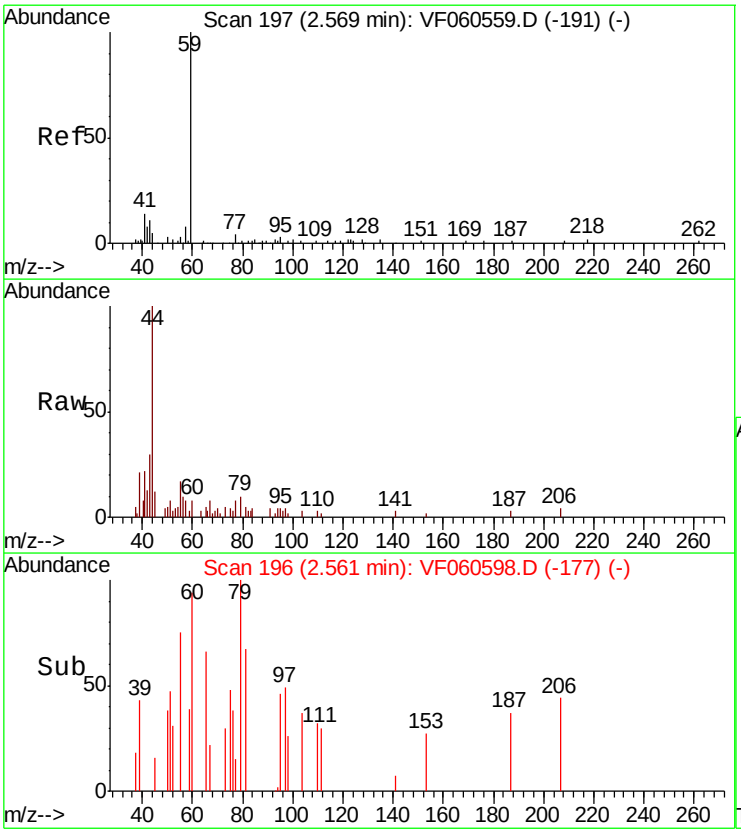
#6
Chloroethane
Concen: Below Cal
RT: 1.33 min Scan# 71
Delta R.T. -0.05 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 64 Resp: 93

Ion	Ratio	Lower	Upper
64	100		
66	127.2	27.8	41.8#

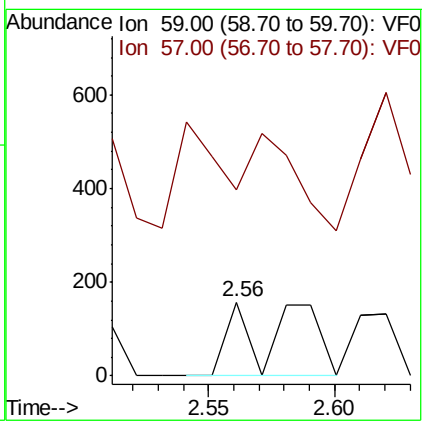


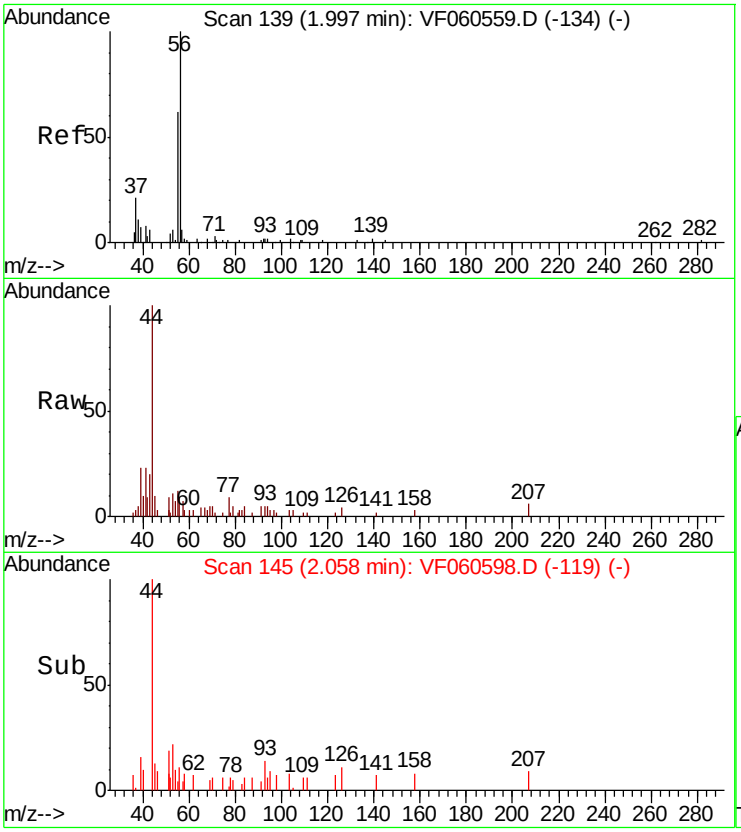


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.56 min Scan# 196
Delta R.T. -0.01 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Tgt Ion: 59 Resp: 273

Ion	Ratio	Lower	Upper
59	100		
57	250.6	19.0	28.4#



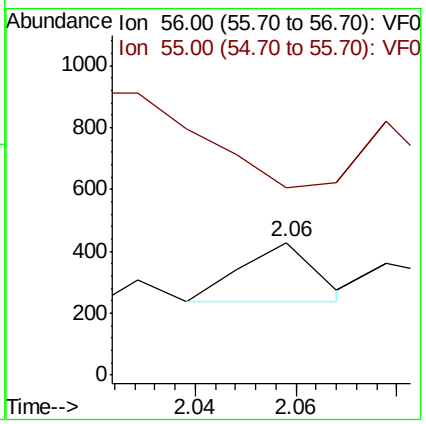


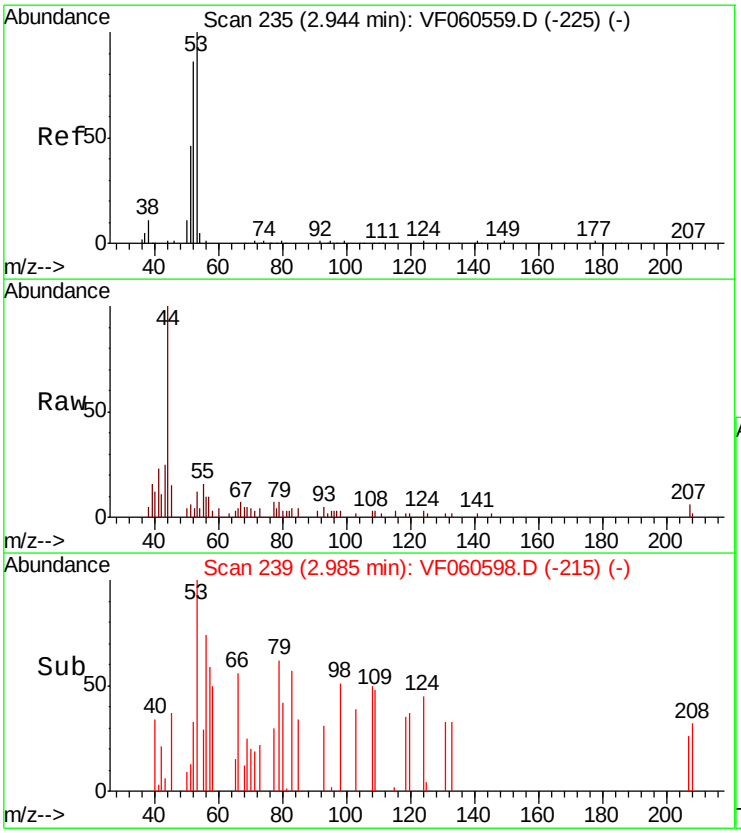
#13
Acrolein
Concen: Below Cal
RT: 2.06 min Scan# 145
Delta R.T. 0.06 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 193

Ion	Ratio	Lower	Upper
56	100		
55	141.1	61.8	92.6#

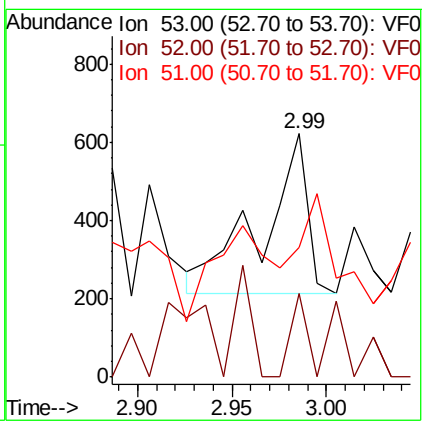


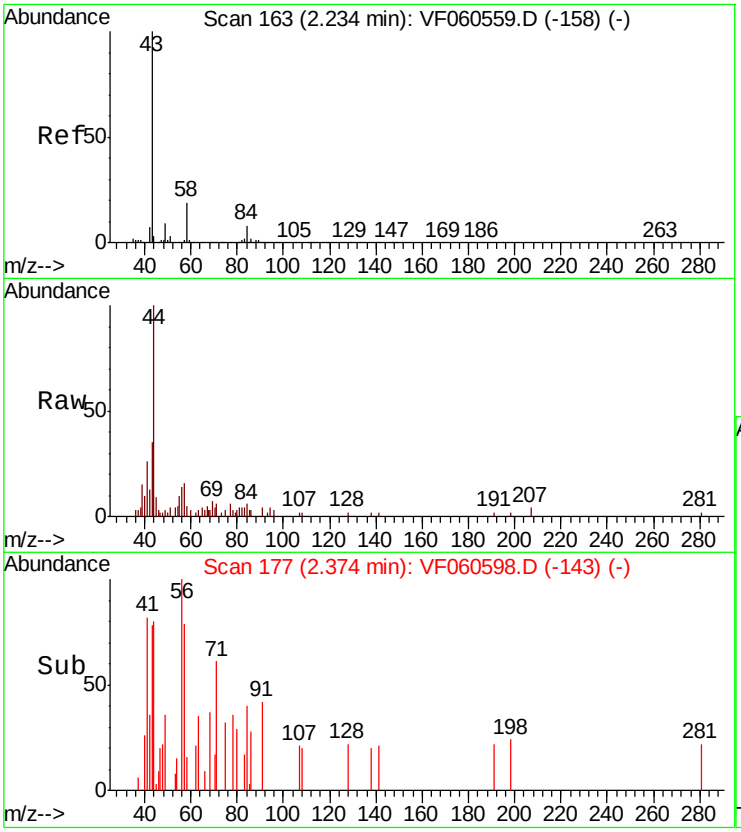


#15
Acrylonitrile
Concen: 2.889 ug/l
RT: 2.99 min Scan# 239
Delta R.T. 0.04 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Tgt Ion: 53 Resp: 679

Ion	Ratio	Lower	Upper
53	100		
52	34.2	68.5	102.7#
51	53.1	38.2	57.2



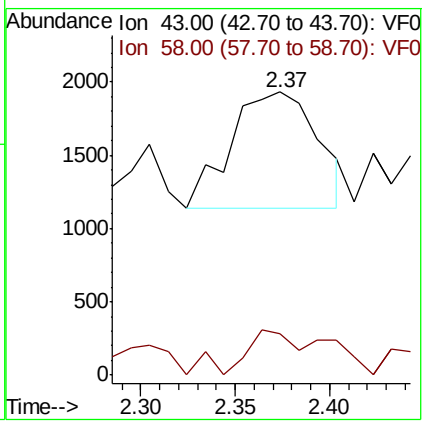


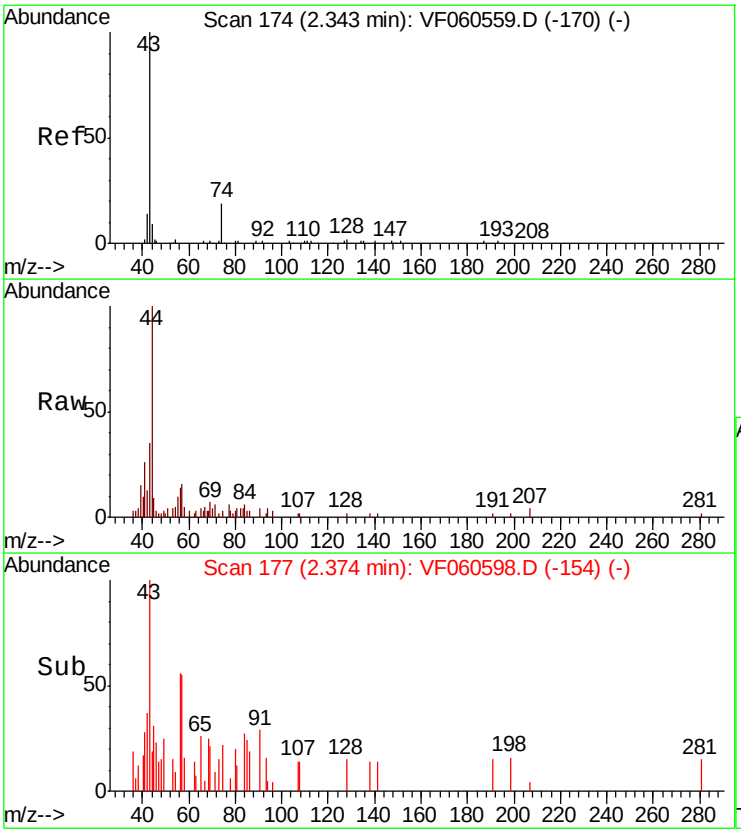
#16
Acetone
Concen: 5.500 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.14 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2556

Ion	Ratio	Lower	Upper
43	100		
58	14.7	14.6	22.0

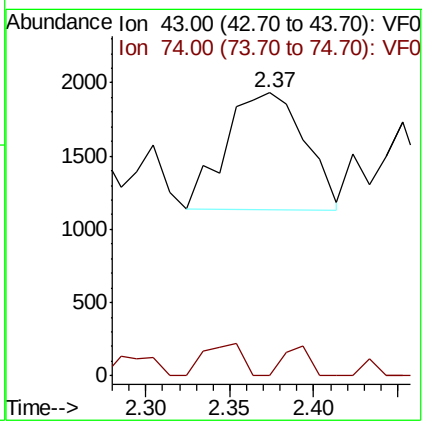


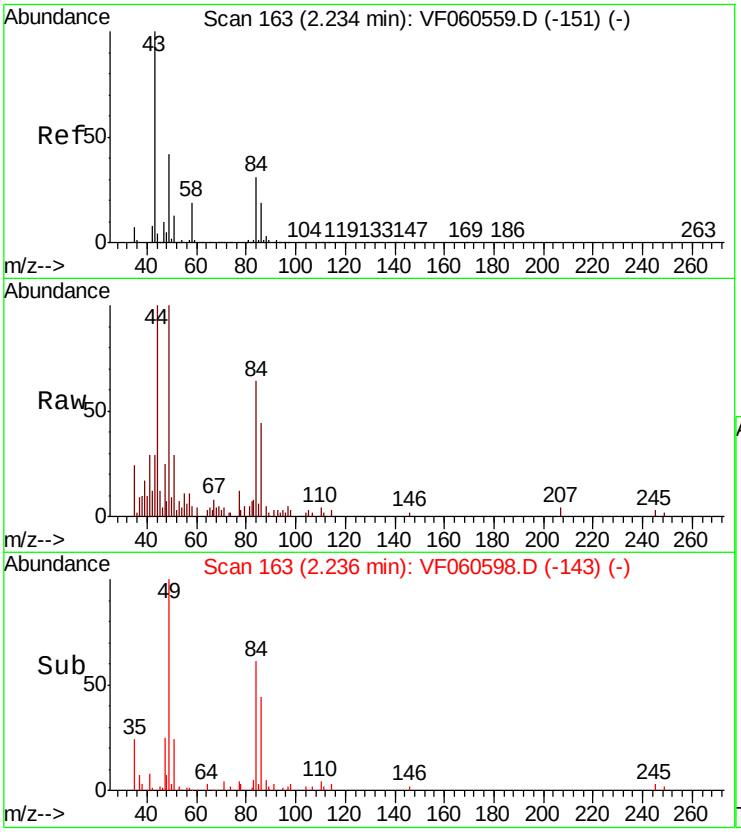


#18
Methyl Acetate
Concen: 4.064 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.03 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Tgt Ion: 43 Resp: 2613

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#



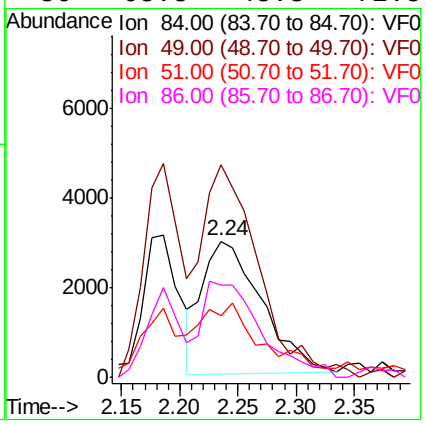


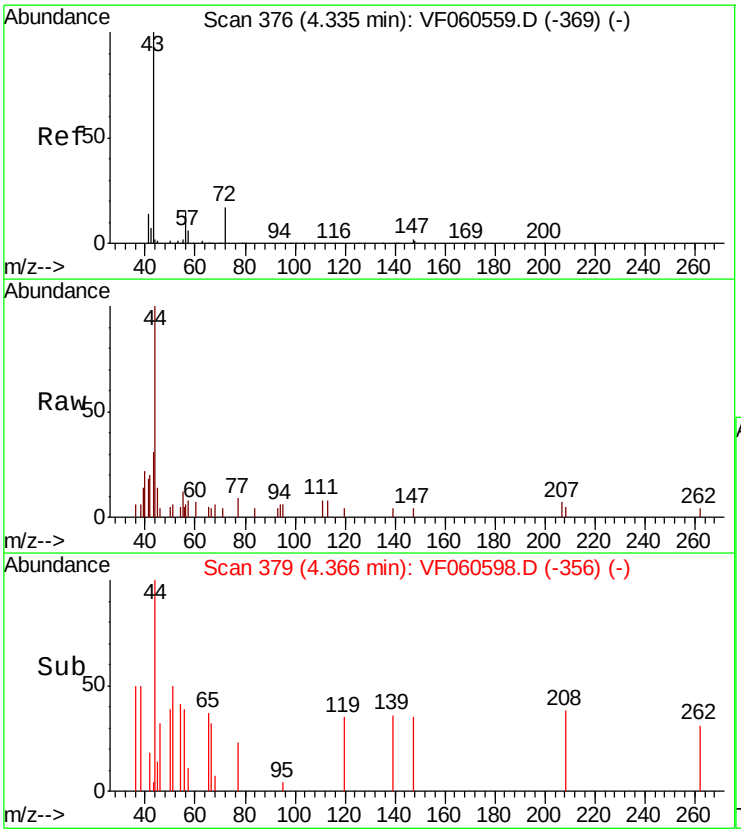
#20
Methylene Chloride
Concen: 2.448 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 10535

Ion	Ratio	Lower	Upper
84	100		
49	156.2	109.9	164.9
51	45.2	35.8	53.8
86	68.3	48.3	72.5

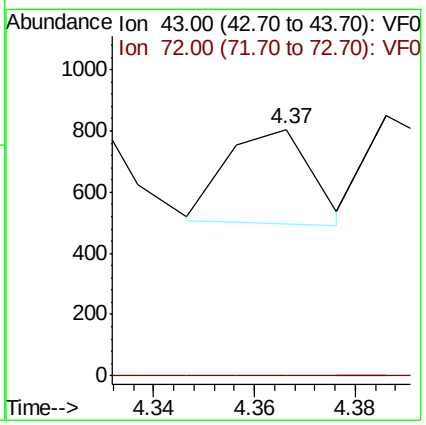


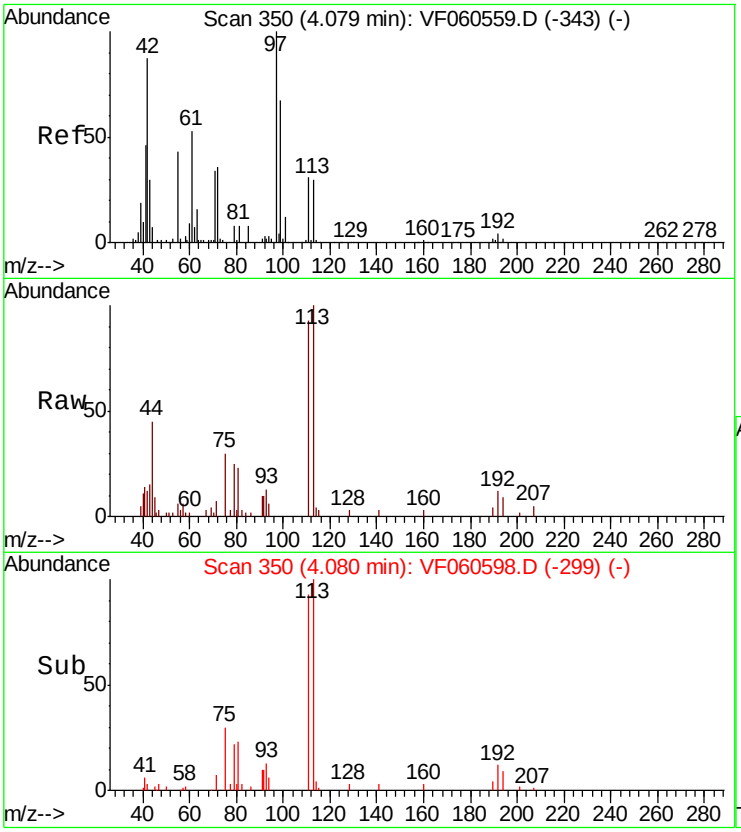


#25
2-Butanone
Concen: Below Cal
RT: 4.37 min Scan# 379
Delta R.T. 0.03 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Tgt Ion: 43 Resp: 353

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.2#



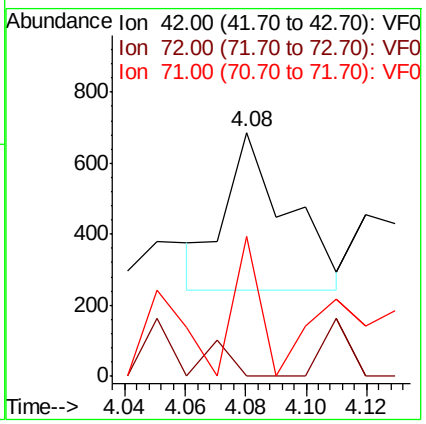


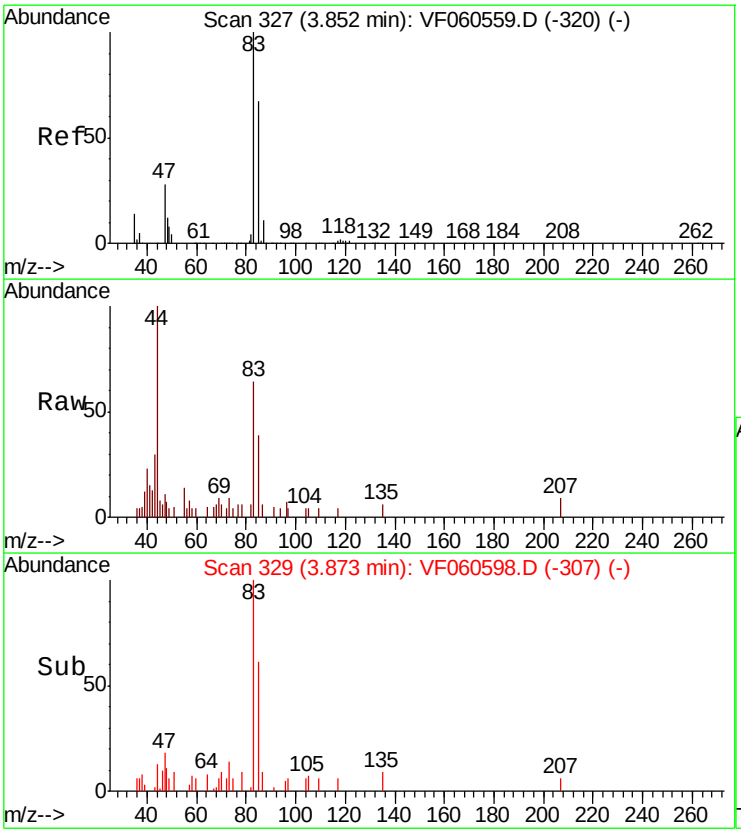
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.08 min Scan# 350
Delta R.T. 0.00 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 632

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	37.0	31.8	47.6

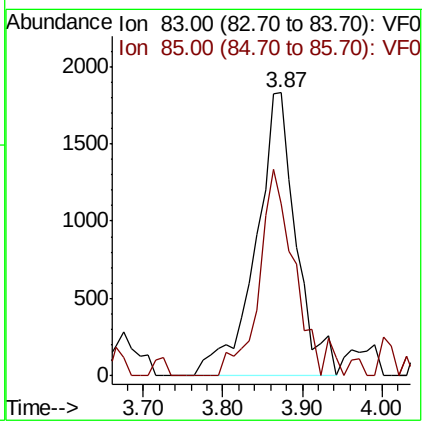


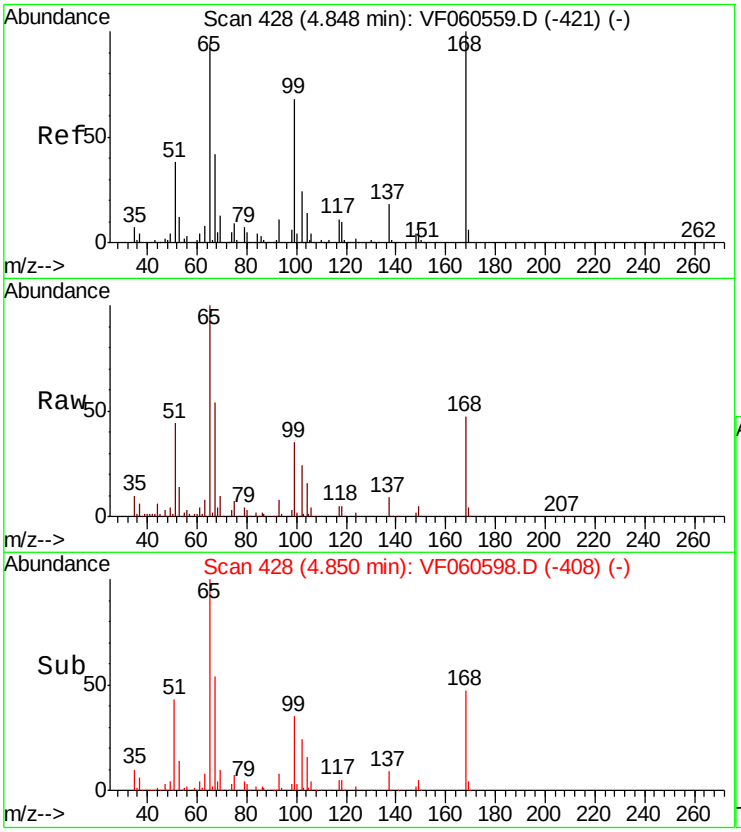


#30
Chloroform
Concen: 1.434 ug/l
RT: 3.87 min Scan# 329
Delta R.T. 0.02 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Tgt Ion: 83 Resp: 6440

Ion	Ratio	Lower	Upper
83	100		
85	60.9	53.7	80.5



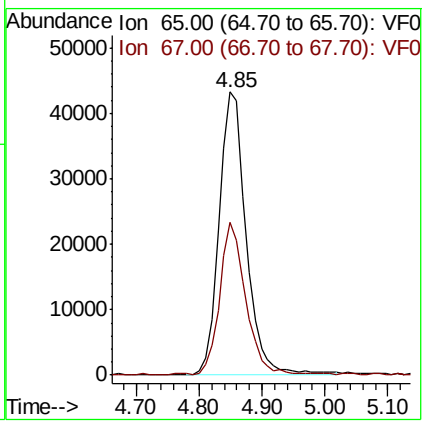


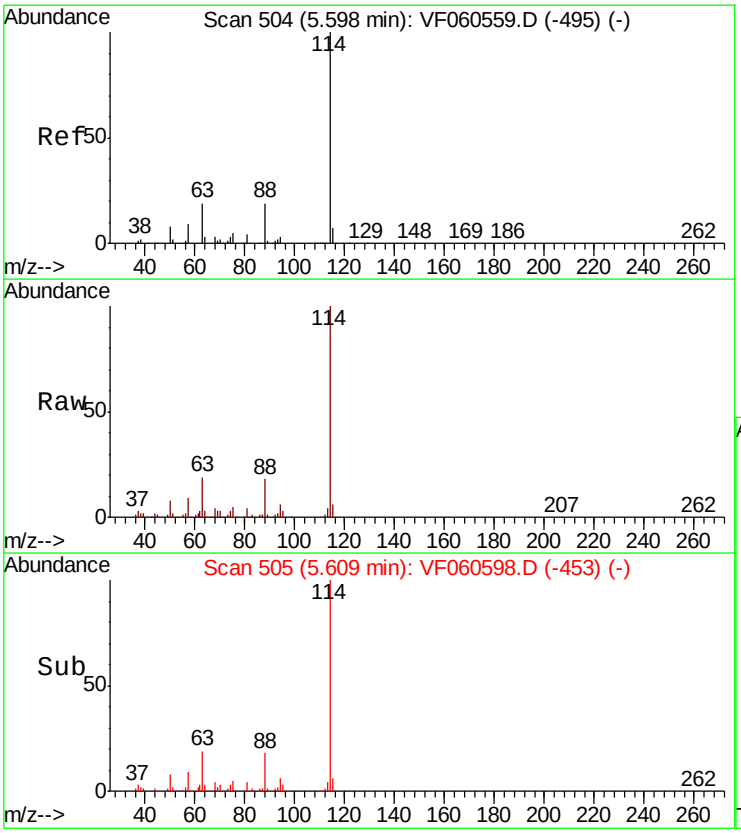
#33
1,2-Dichloroethane-d4
Concen: 65.587 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.00 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 129361

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	101.8

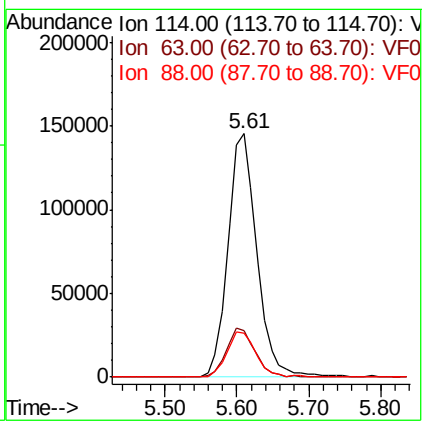


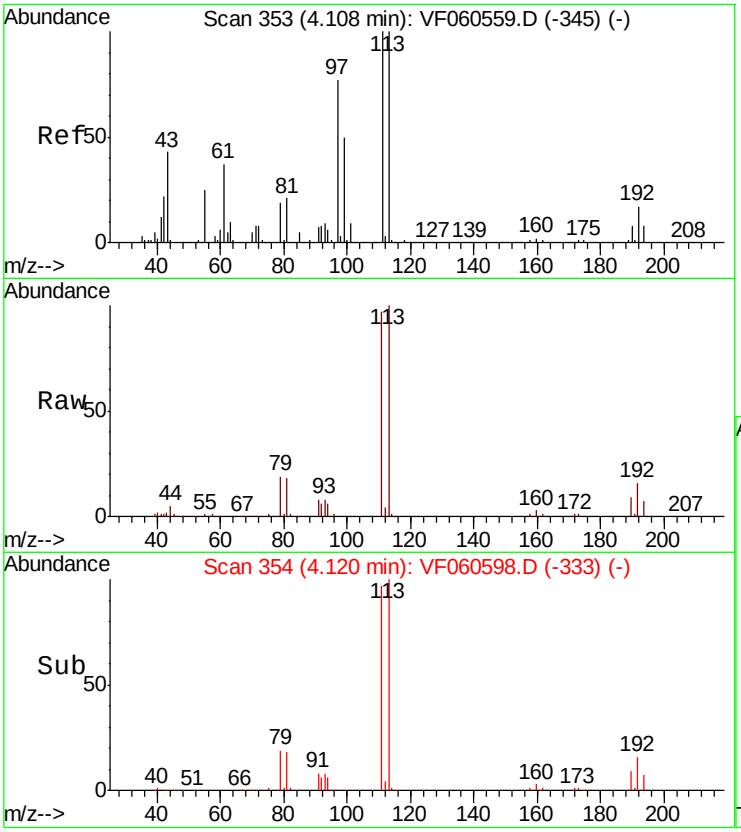


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Tgt Ion:114 Resp: 405365

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.0
88	18.3	0.0	38.2



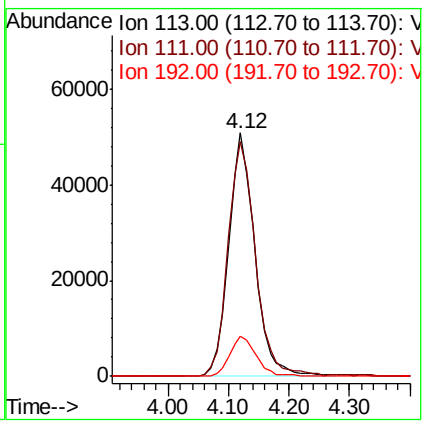


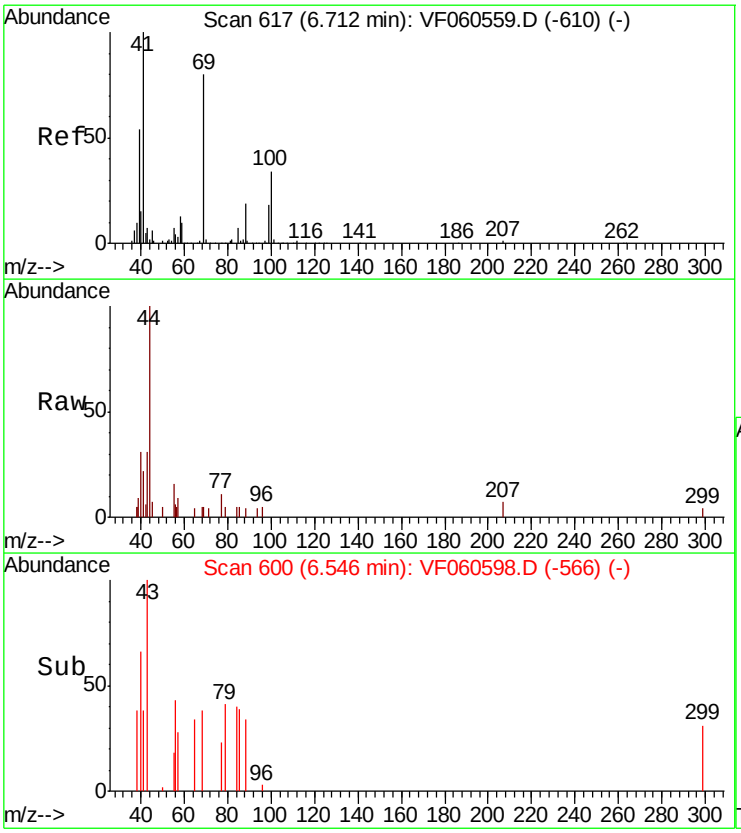
#35
Dibromofluoromethane
Concen: 48.692 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 152497

Ion	Ratio	Lower	Upper
113	100		
111	96.6	79.9	119.9
192	16.3	13.3	19.9

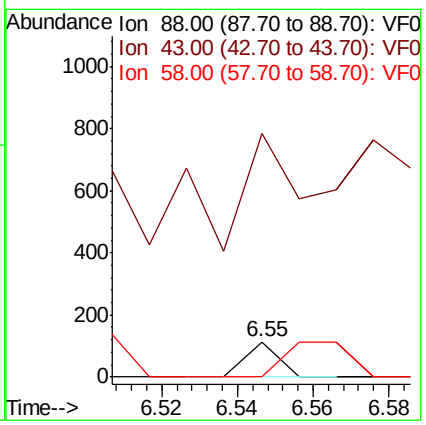


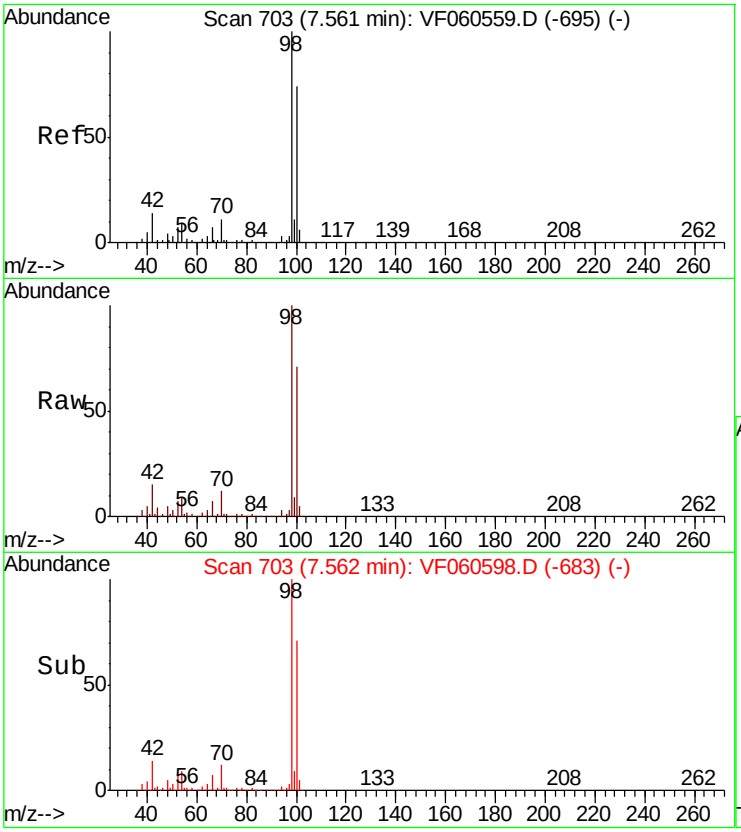


#49
1,4-Dioxane
Concen: 3.760 ug/l
RT: 6.55 min Scan# 600
Delta R.T. -0.17 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	687.7	61.2	91.8#
58	0.0	56.9	85.3#



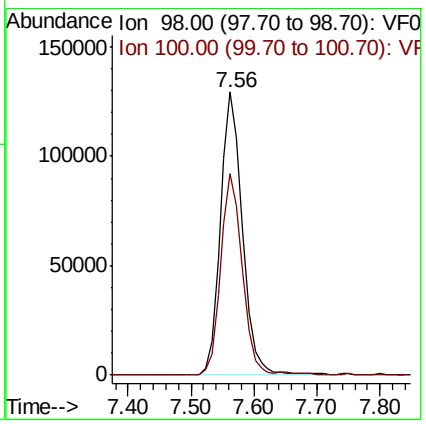


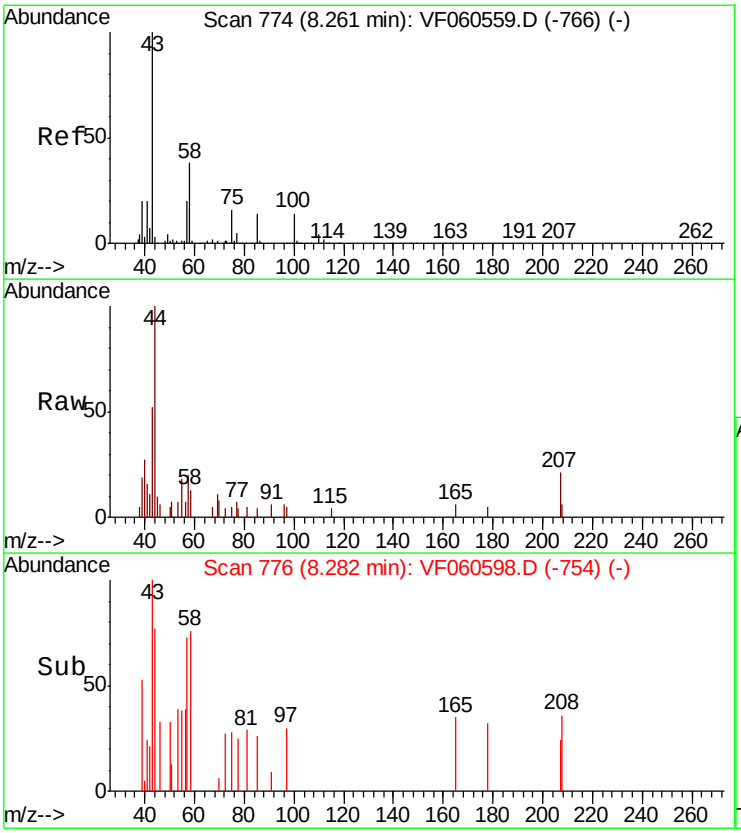
#50
Toluene-d8
Concen: 33.787 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 313454

Ion	Ratio	Lower	Upper
98	100		
100	71.1	59.4	89.2

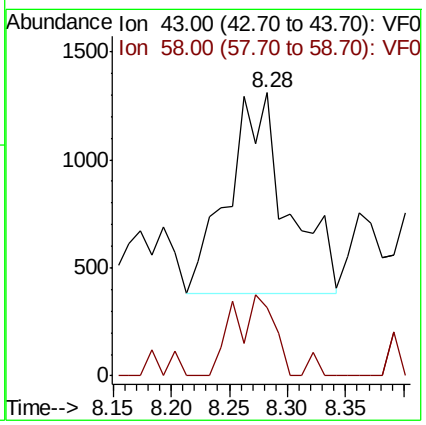


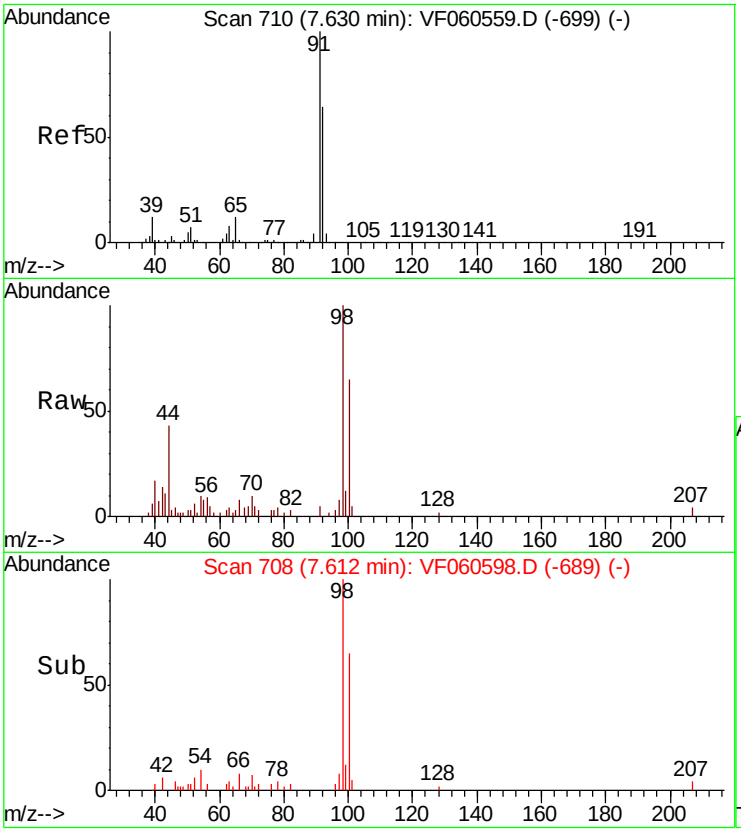


#51
4-Methyl-2-Pentanone
Concen: 1.788 ug/l
RT: 8.28 min Scan# 776
Delta R.T. 0.02 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Tgt Ion: 43 Resp: 3258

Ion	Ratio	Lower	Upper
43	100		
58	24.3	30.1	45.1#



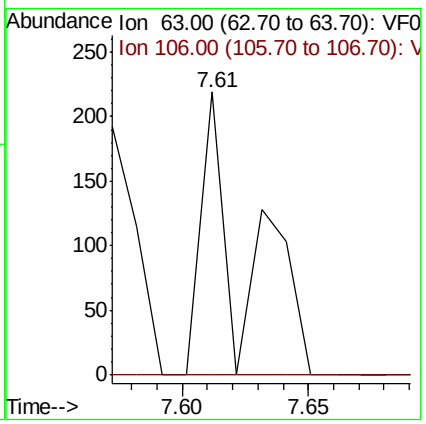


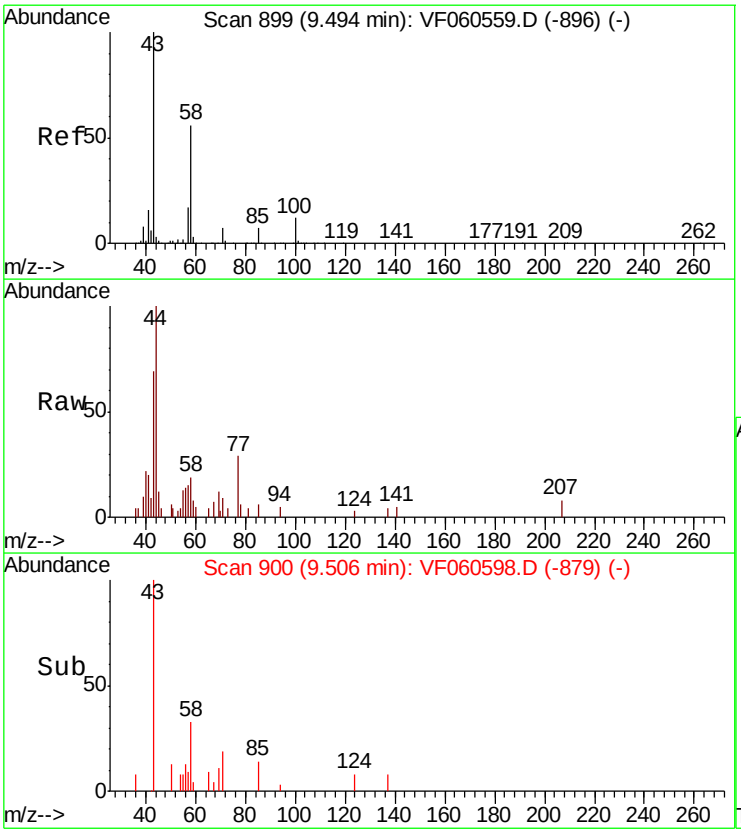
#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.61 min Scan# 708
Delta R.T. -0.02 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 63 Resp: 266

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

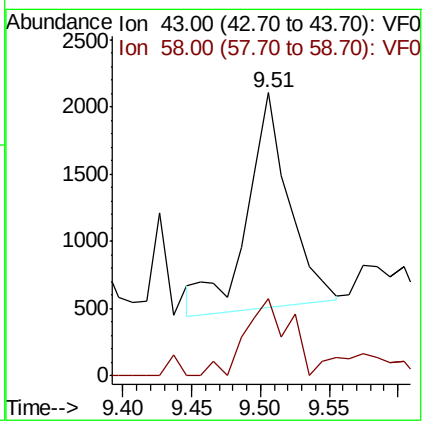


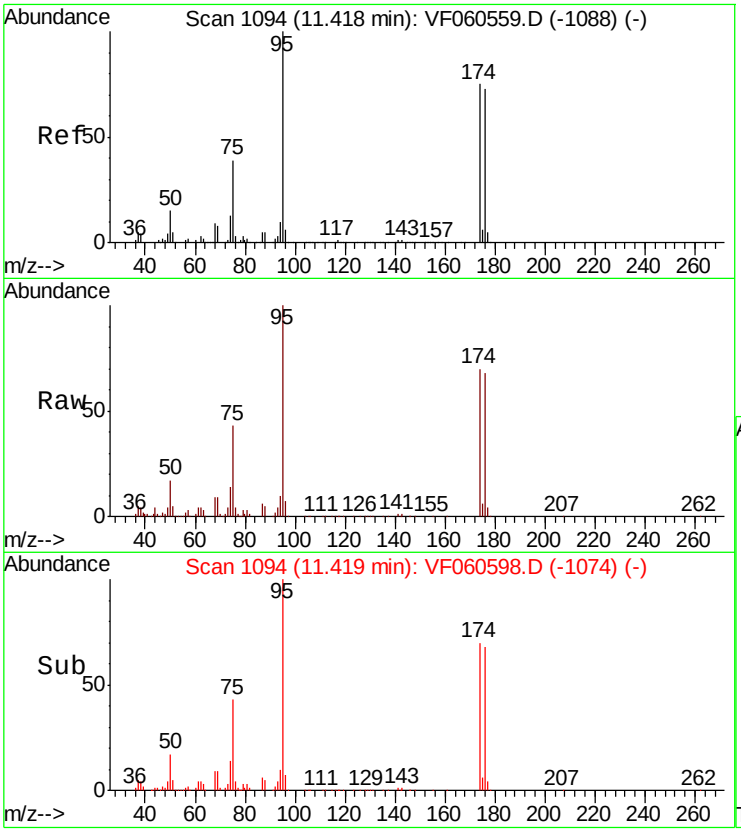


#59
2-Hexanone
Concen: Below Cal
RT: 9.51 min Scan# 900
Delta R.T. 0.01 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Tgt Ion: 43 Resp: 3399

Ion	Ratio	Lower	Upper
43	100		
58	27.5	26.1	78.3



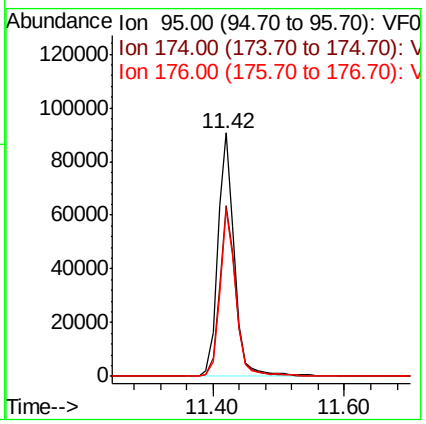


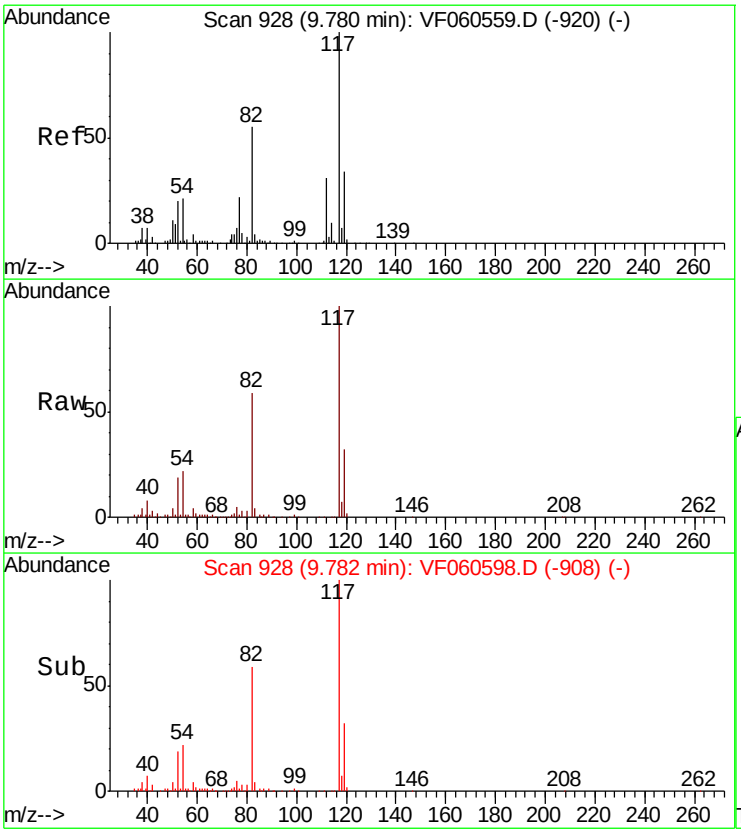
#62
4-Bromofluorobenzene
Concen: 38.664 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 156902

Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	149.0
176	68.4	0.0	145.6

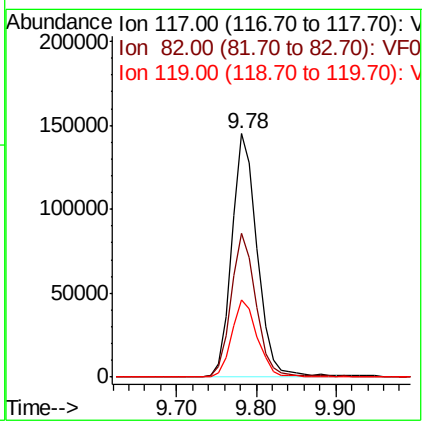


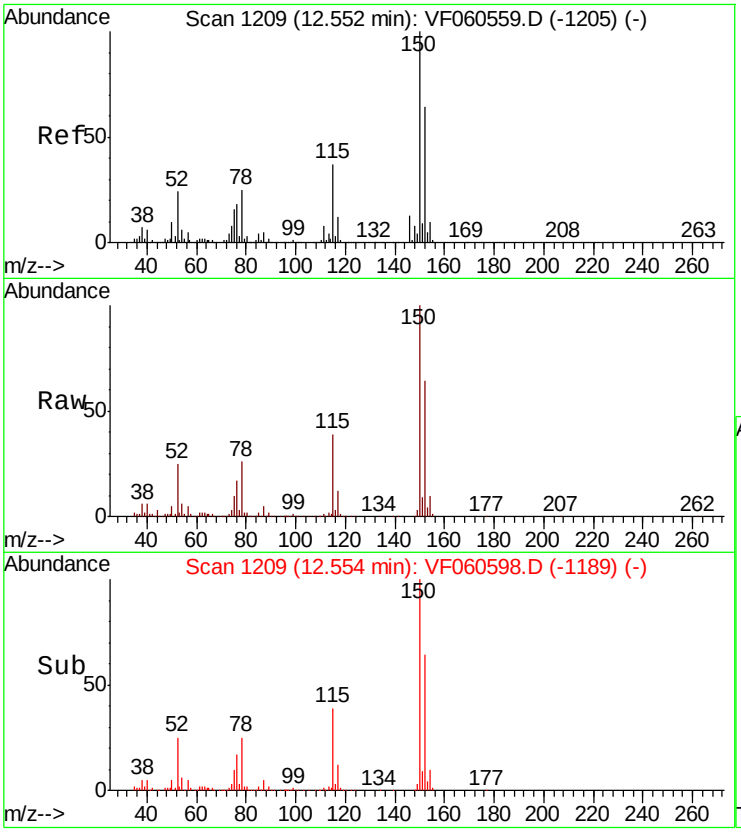


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Tgt Ion:117 Resp: 322884

Ion	Ratio	Lower	Upper
117	100		
82	59.0	43.9	65.9
119	31.8	27.4	41.0



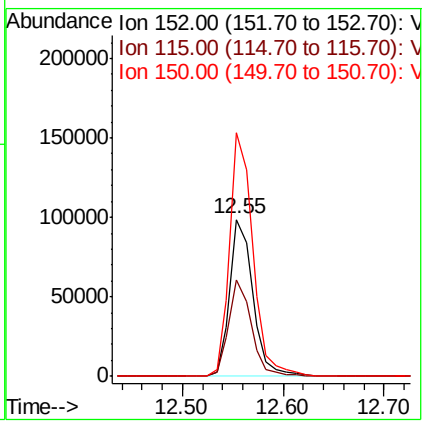


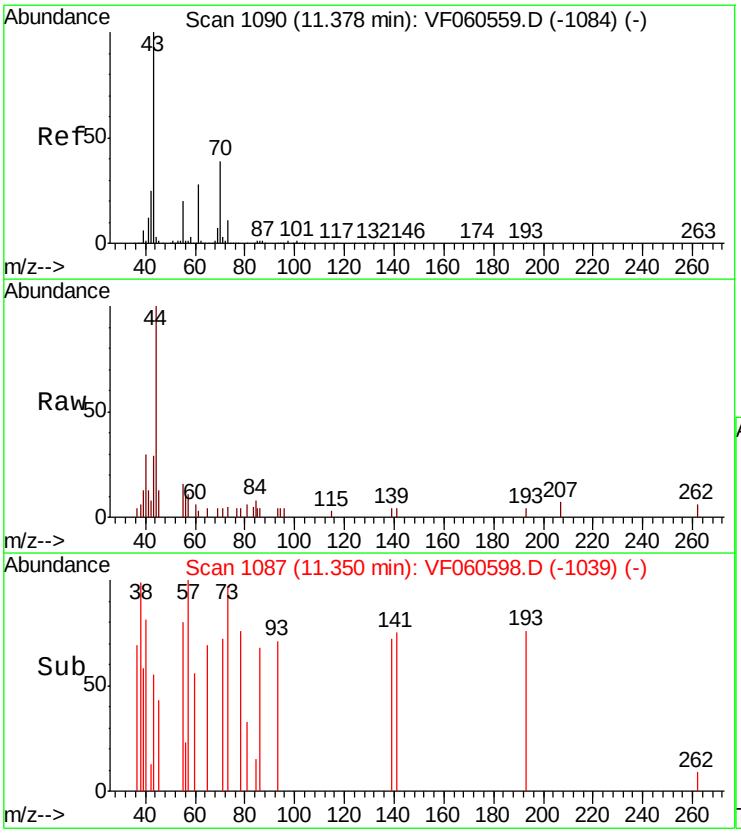
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 158563

Ion	Ratio	Lower	Upper
152	100		
115	61.1	29.6	88.8
150	155.2	0.0	315.6





#74
N-amyl acetate
Concen: Below Cal
RT: 11.35 min Scan# 1087
Delta R.T. -0.03 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Tgt Ion: 43 Resp: 760

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.9	46.3#
55	54.8	16.6	24.8#
61	11.4	22.0	33.0#