Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080218\
Data File : VF059806.D
Acq On : 2 Aug 2018 17:49
Operator : VA/AP
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 89 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : BFB

Quant Time: Aug 03 07:05:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	166582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	236250	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	235220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	161129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	160120	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.96%			
35) Dibromofluoromethane	4.28	113	128407	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.66%			
50) Toluene-d8	7.70	98	273234	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.50%			
62) 4-Bromofluorobenzene	11.51	95	149303	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.99	85	416	Below Cal	#	44
3) Chloromethane	1.10	50	781	Below Cal	#	87
4) Vinyl Chloride	1.13	62	73	Below Cal	#	47
5) Bromomethane	1.21	94	163	Below Cal		95
6) Chloroethane	1.39	64	151	Below Cal	#	1
10) Methyl Iodide	2.00	142	78	Below Cal	#	20
11) Tert butyl alcohol	2.68	59	547	3.090 ug/l	#	1
13) Acrolein	2.02	56	176	18.669 ug/l		86
15) Acrylonitrile	3.03	53	279	1.505 ug/l	#	89
16) Acetone	2.34	43	3511	6.520 ug/l	#	68
17) Carbon Disulfide	1.86	76	164	Below Cal	#	19
18) Methyl Acetate	2.44	43	621	Below Cal	#	78
20) Methylene Chloride	2.27	84	2970	Below Cal	#	77
21) trans-1,2-Dichloroethene	2.42	96	159	Below Cal	#	1
25) 2-Butanone	4.53	43	1079	1.795 ug/l	#	74
28) Bromochloromethane	3.89	49	62	Below Cal	#	15
31) Cyclohexane	3.93	56	62	Below Cal	#	15
36) 1,1-Dichloropropene	4.42	75	925	Below Cal	#	46
37) Ethyl Acetate	4.28	43	640	Below Cal	#	19
39) Methylcyclohexane	5.75	83	4625	Below Cal	#	38
41) Methacrylonitrile	4.94	41	357	Below Cal	#	60
44) Trichloroethene	5.65	130	65	Below Cal		2
49) 1,4-Dioxane	6.91	88	64	Below Cal	#	21
51) 4-Methyl-2-Pentanone	8.41	43	1149	1.069 ug/l	#	42
52) Toluene	7.76	92	788	Below Cal	#	59
58) 2-Chloroethyl Vinyl ether	7.77	63	324	2.082 ug/l		100
59) 2-Hexanone	9.63	43	1249	1.450 ug/l	#	62
64) Tetrachloroethene	8.37	164	72	Below Cal	#	1
68) m/p-Xylenes	10.25	106	342	Below Cal	#	55
78) n-propylbenzene	11.68	91	525	Below Cal	#	55
79) 2-Chlorotoluene	11.79	91	607	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	11.90	105	323	Below Cal		84
82) 4-Chlorotoluene	11.98	91	326	Below Cal	#	1
84) 1,2,4-Trimethylbenzene	12.28	105	841	Below Cal	#	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080218\
Data File : VF059806.D
Acq On : 2 Aug 2018 17:49
Operator : VA/AP
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 89 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : BFB

Quant Time: Aug 03 07:05:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
85) sec-Butylbenzene	12.38	105	376	Below Cal #	57
86) p-Isopropyltoluene	12.53	119	505	Below Cal #	70
87) 1,3-Dichlorobenzene	12.56	146	409	Below Cal #	39
88) 1,4-Dichlorobenzene	12.64	146	667	Below Cal #	37
89) n-Butylbenzene	12.90	91	1024	Below Cal #	63
91) 1,2-Dichlorobenzene	13.01	146	390	Below Cal #	64
93) 1,2,4-Trichlorobenzene	14.26	180	949	Below Cal #	73
95) Naphthalene	14.51	128	75063	10.805 ug/l	98

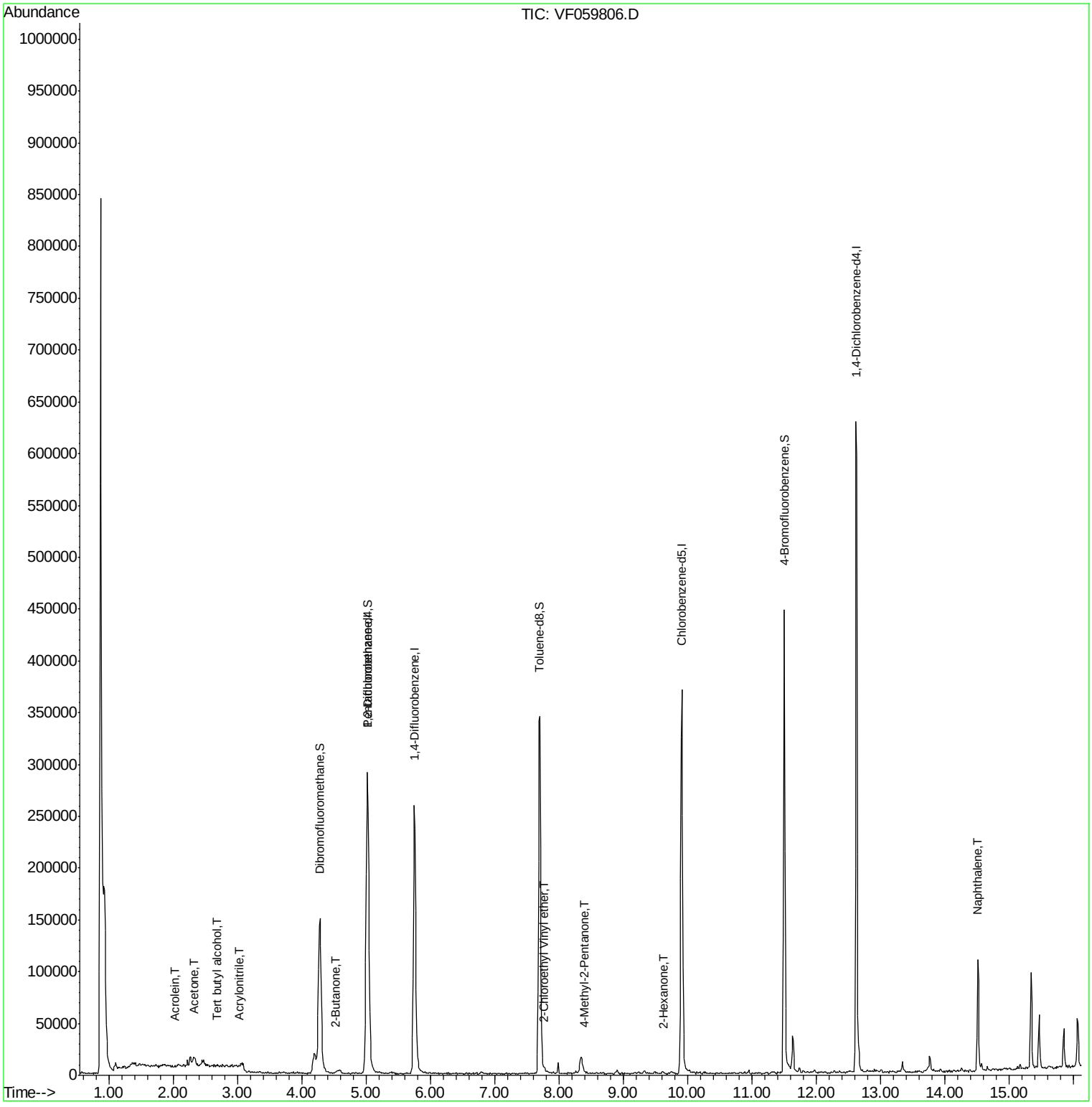
(#) = qualifier out of range (m) = manual integration (+) = signals summed

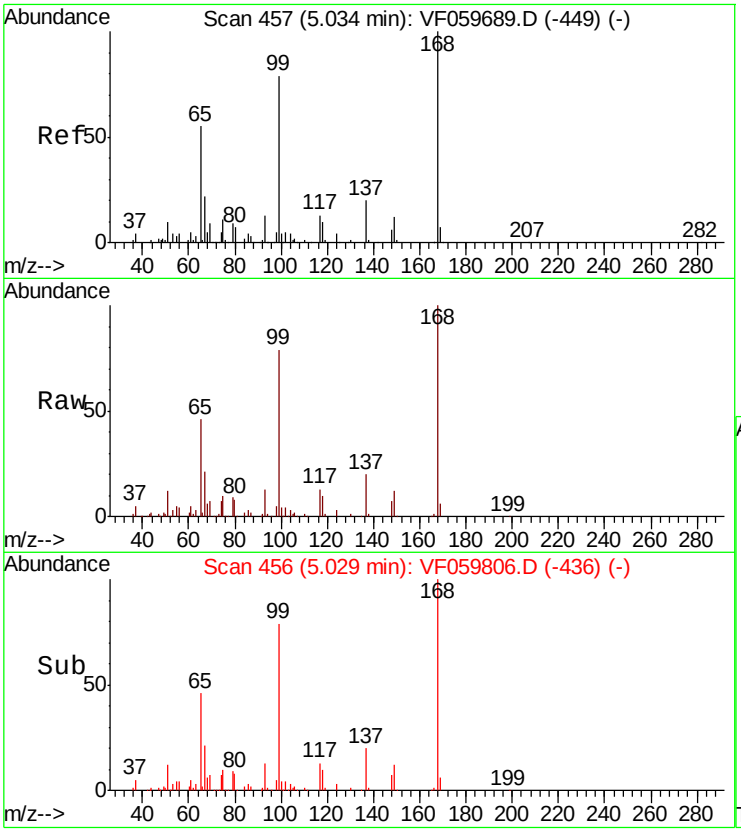
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059806.D
Acq On : 2 Aug 2018 17:49
Operator : VA/AP
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 89 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : BFB

Quant Time: Aug 03 07:05:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration



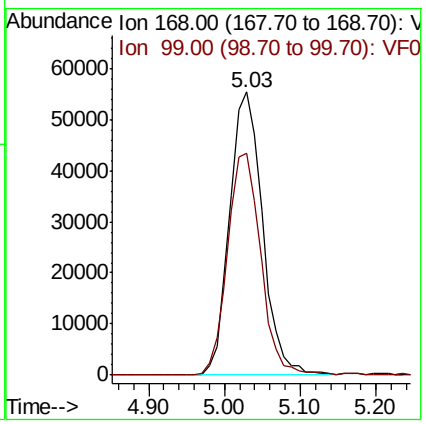


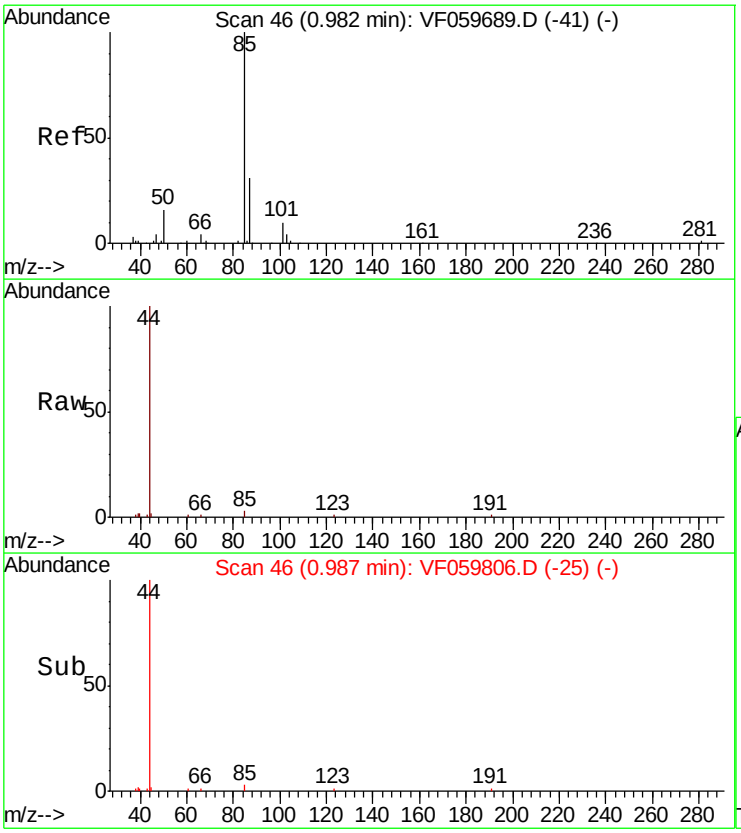
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion:168 Resp: 166582

Ion	Ratio	Lower	Upper
168	100		
99	78.5	63.3	94.9

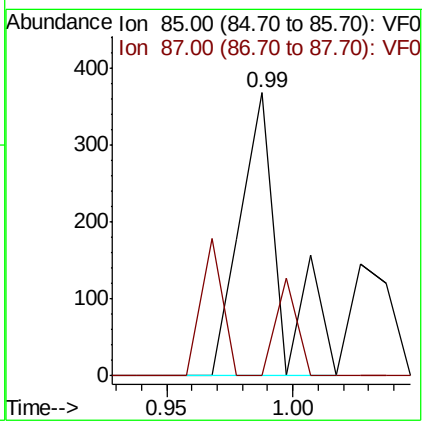


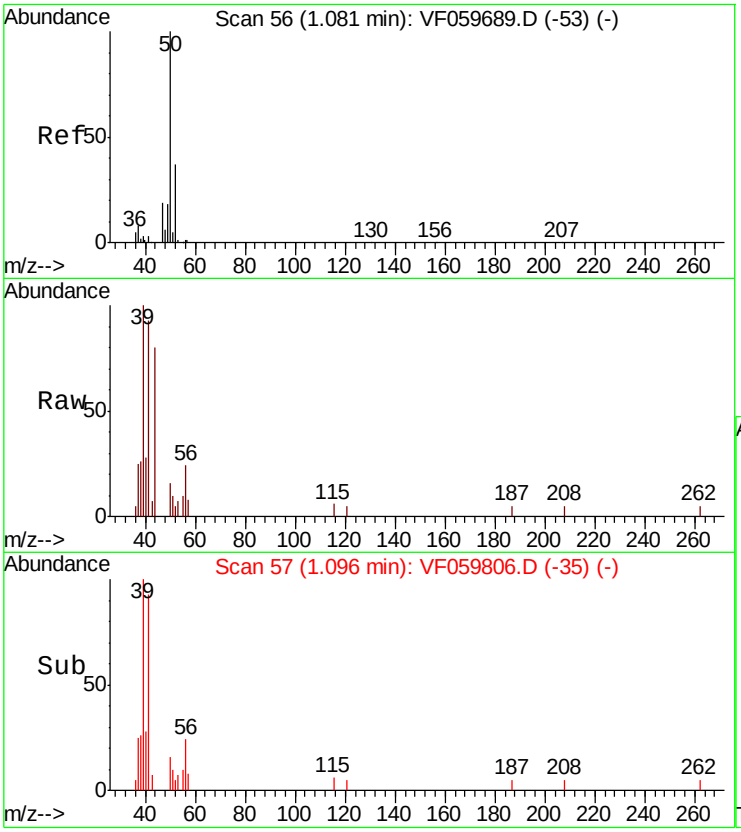


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.99 min Scan# 46
Delta R.T. 0.01 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 85 Resp: 416

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.3	45.8#



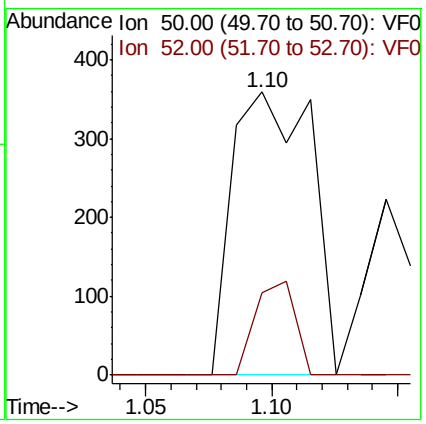


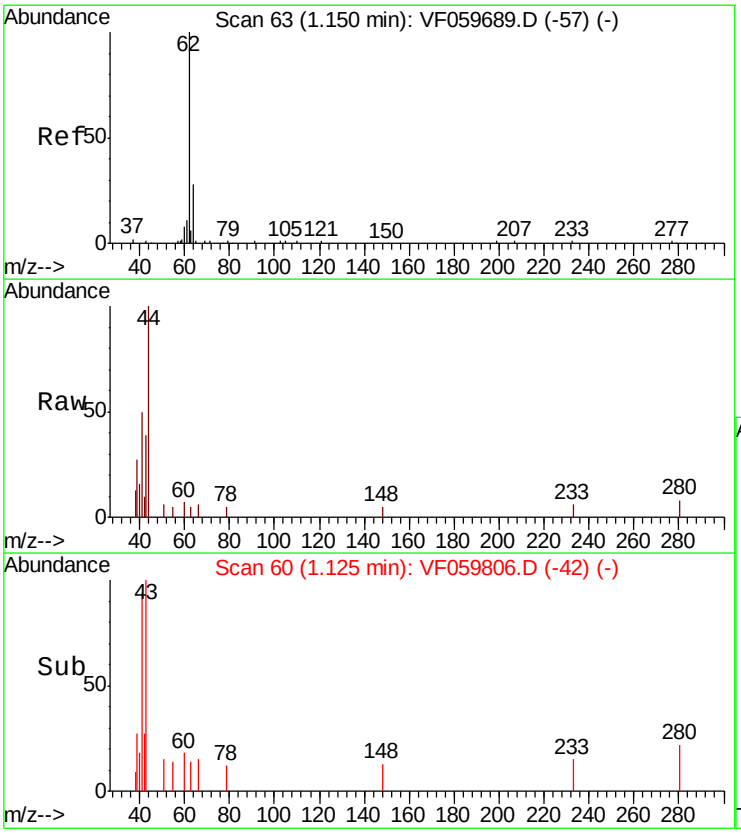
#3
Chloromethane
Concen: Below Cal
RT: 1.10 min Scan# 57
Delta R.T. 0.02 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion: 50 Resp: 781

Ion	Ratio	Lower	Upper
50	100		
52	29.0	29.1	43.7#

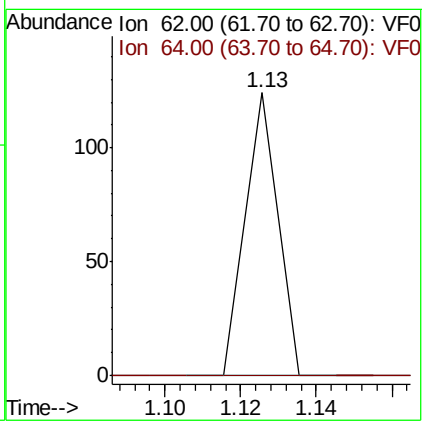


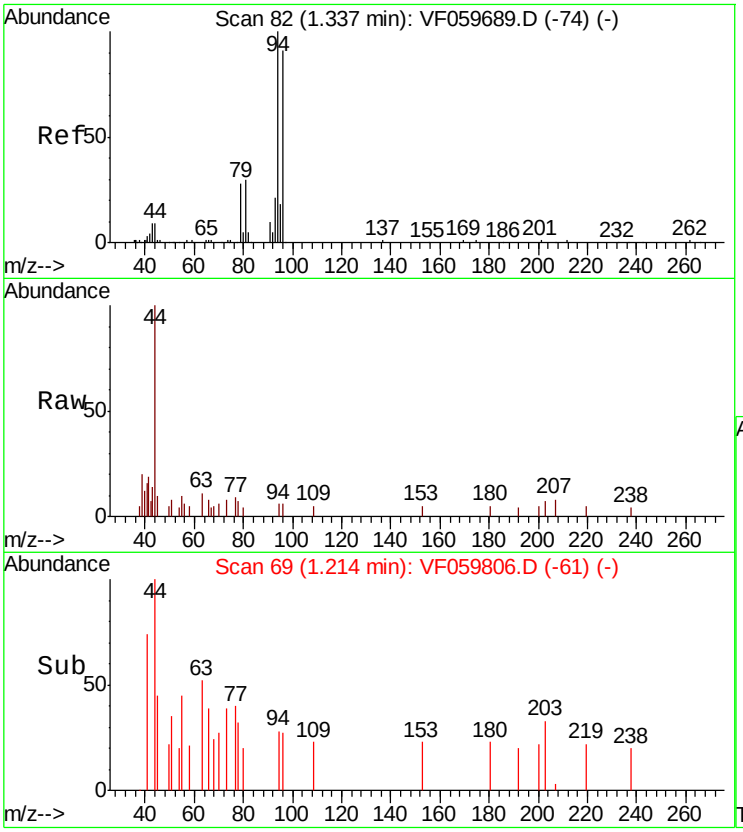


#4
Vinyl Chloride
Concen: Below Cal
RT: 1.13 min Scan# 60
Delta R.T. -0.02 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 62 Resp: 73

Ion	Ratio	Lower	Upper
62	100		
64	0.0	22.6	33.8#



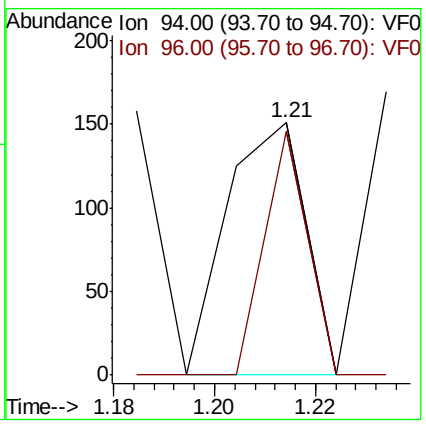


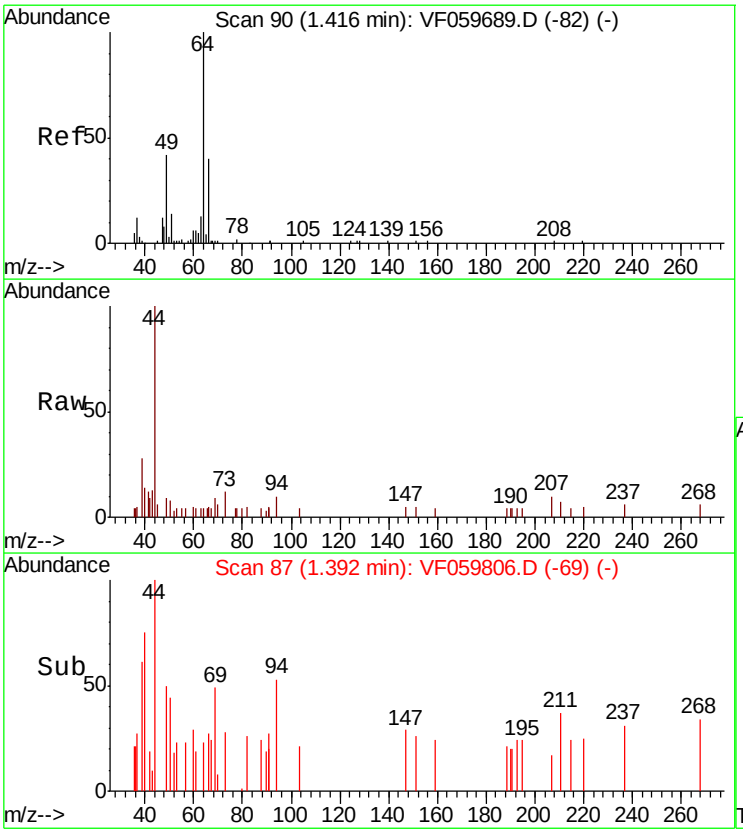
#5
Bromomethane
Concen: Below Cal
RT: 1.21 min Scan# 69
Delta R.T. -0.12 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion: 94 Resp: 163

Ion	Ratio	Lower	Upper
94	100		
96	96.7	73.6	110.4

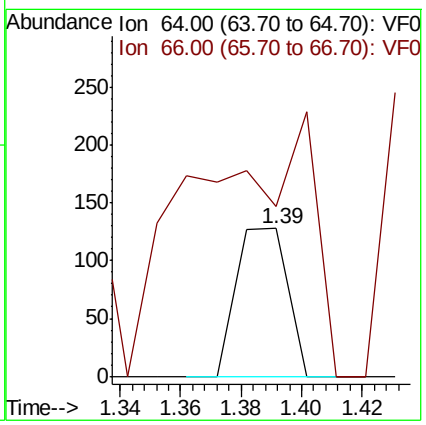


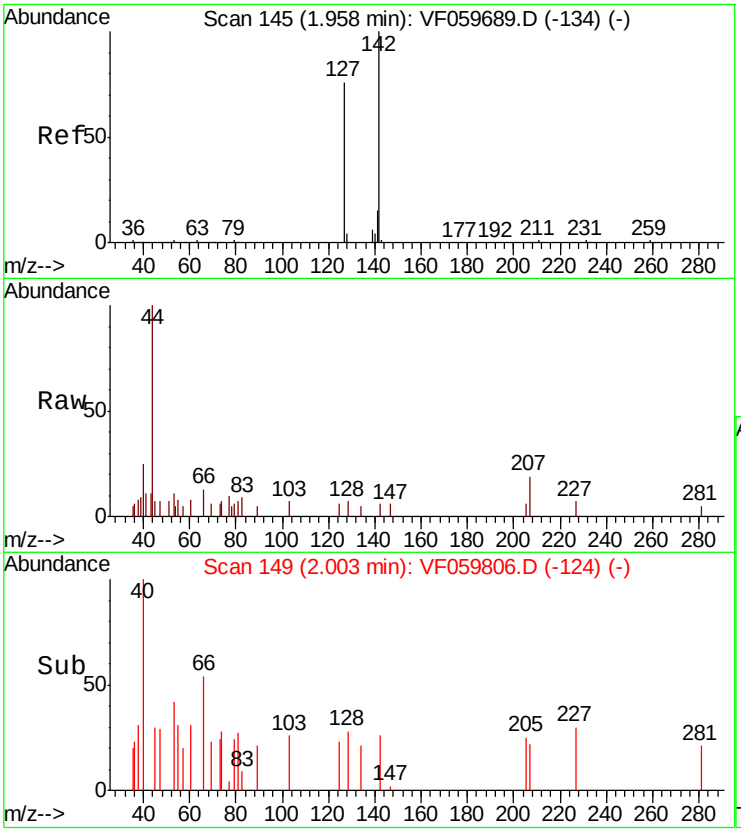


#6
Chloroethane
Concen: Below Cal
RT: 1.39 min Scan# 87
Delta R.T. -0.02 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 64 Resp: 151

Ion	Ratio	Lower	Upper
64	100		
66	114.8	32.6	49.0#



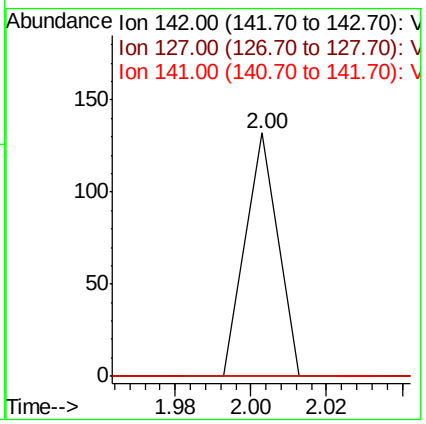


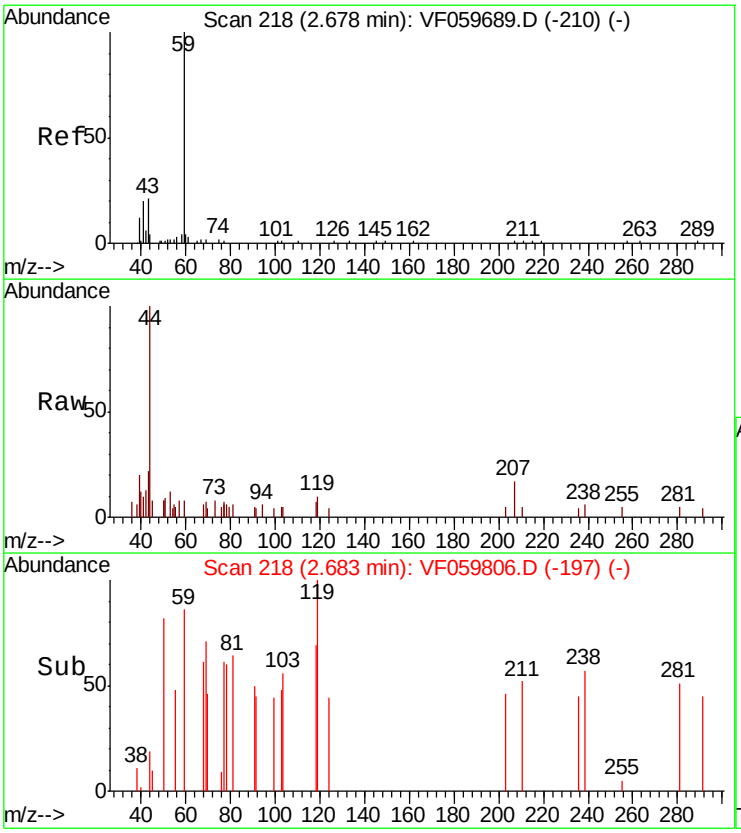
#10
Methyl Iodide
Concen: Below Cal
RT: 2.00 min Scan# 149
Delta R.T. 0.04 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion:142 Resp: 78

Ion	Ratio	Lower	Upper
142	100		
127	0.0	60.6	91.0#
141	0.0	12.0	18.0#

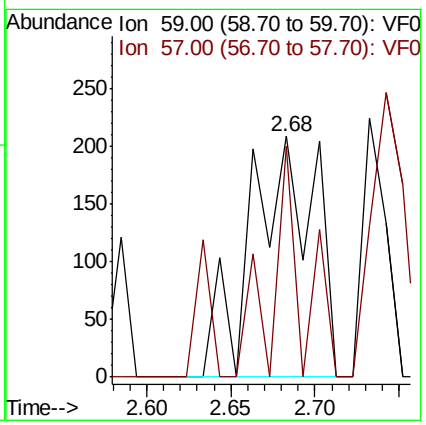


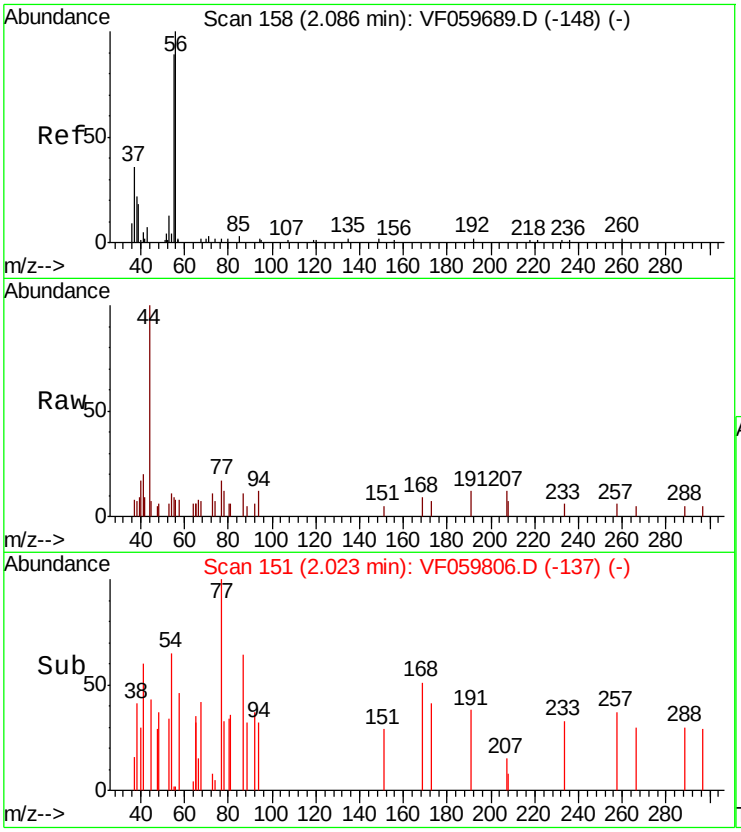


#11
Tert butyl alcohol
Concen: 3.090 ug/l
RT: 2.68 min Scan# 218
Delta R.T. 0.01 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 59 Resp: 547

Ion	Ratio	Lower	Upper
59	100		
57	95.7	7.6	11.4#



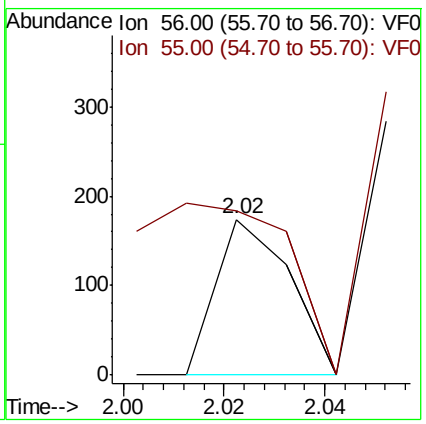


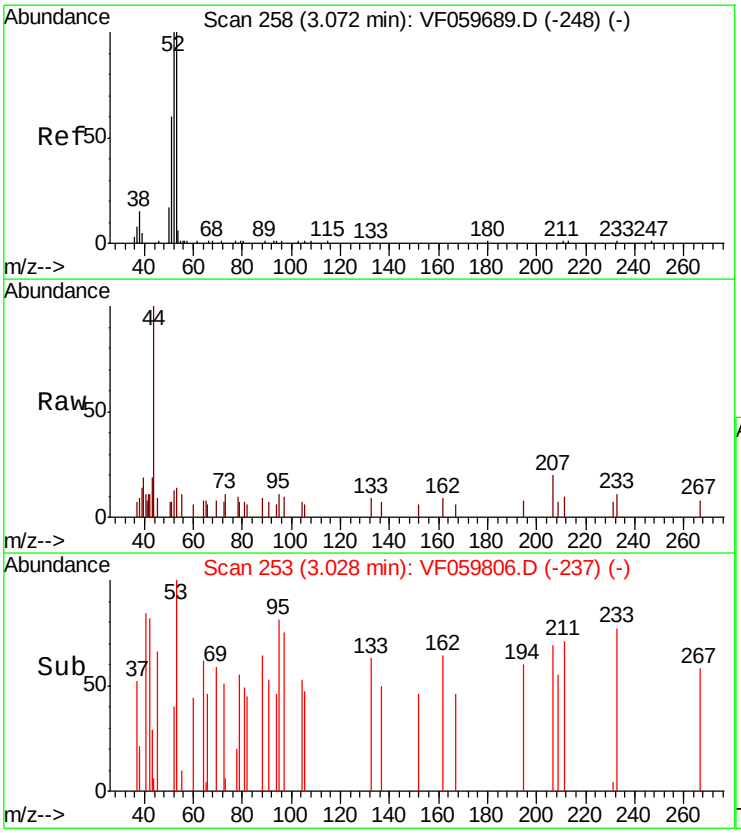
#13
Acrolein
Concen: 18.669 ug/l
RT: 2.02 min Scan# 151
Delta R.T. -0.06 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion: 56 Resp: 176

Ion	Ratio	Lower	Upper
56	100		
55	105.2	73.2	109.8

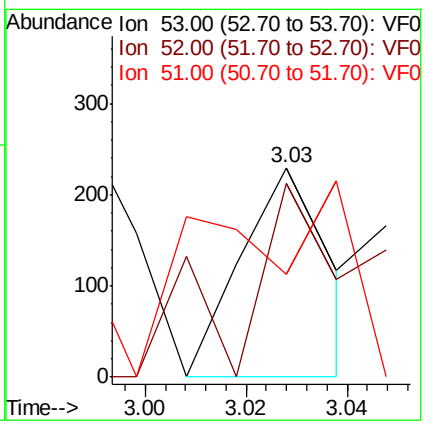


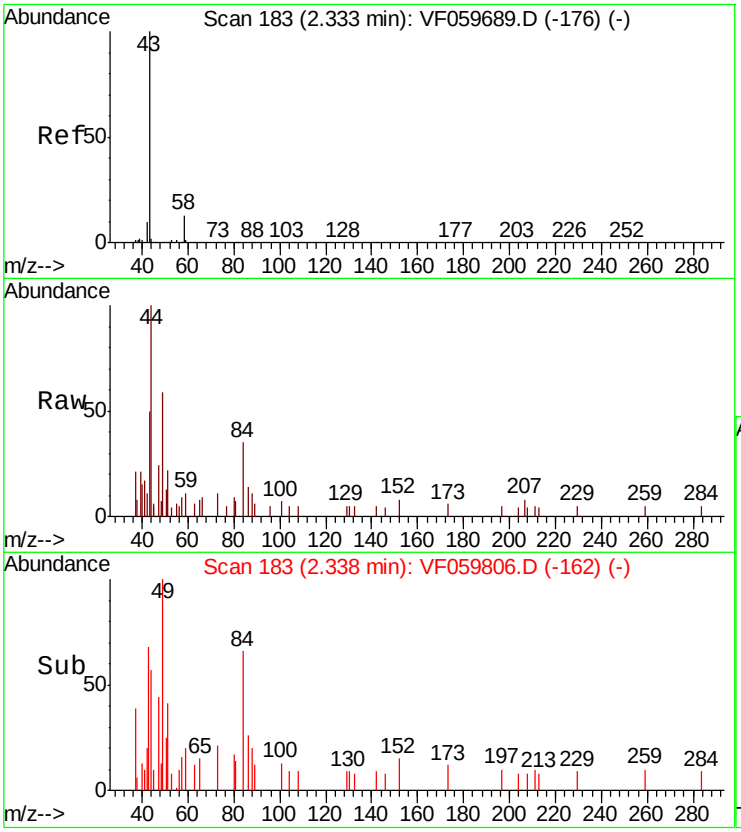


#15
Acrylonitrile
Concen: 1.505 ug/l
RT: 3.03 min Scan# 253
Delta R.T. -0.04 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 53 Resp: 279

Ion	Ratio	Lower	Upper
53	100		
52	92.6	80.3	120.5
51	49.1	49.4	74.0#



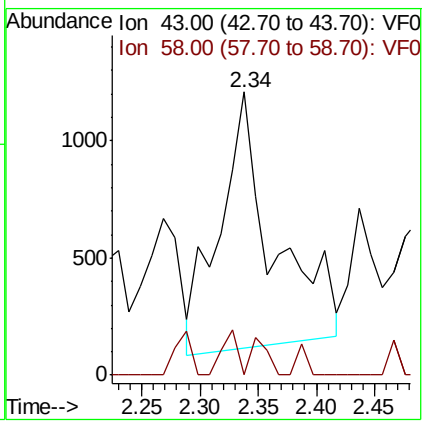


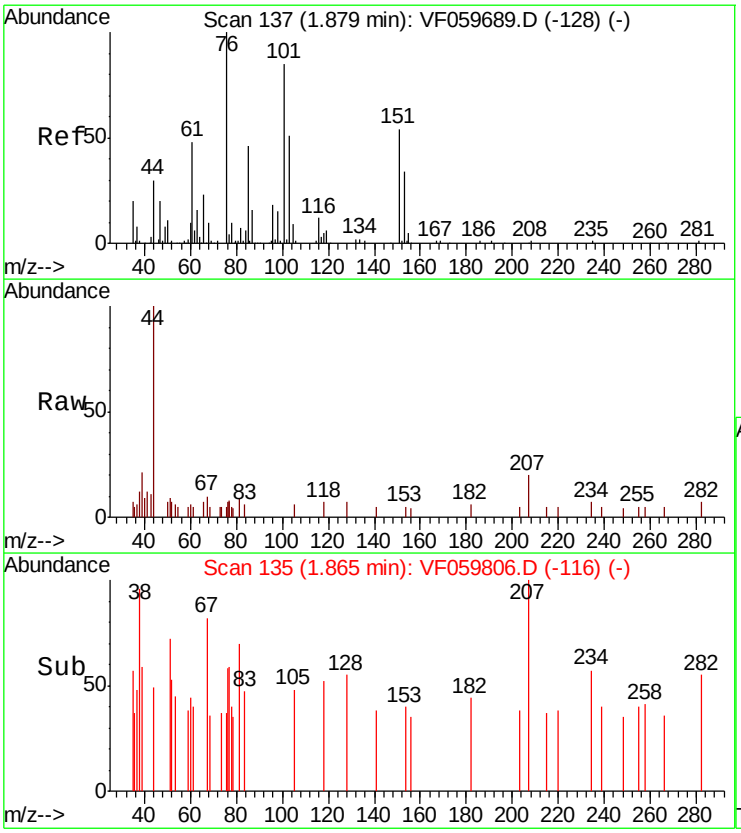
#16
Acetone
Concen: 6.520 ug/l
RT: 2.34 min Scan# 183
Delta R.T. 0.01 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 3511

Ion	Ratio	Lower	Upper
43	100		
58	0.0	10.1	15.1#

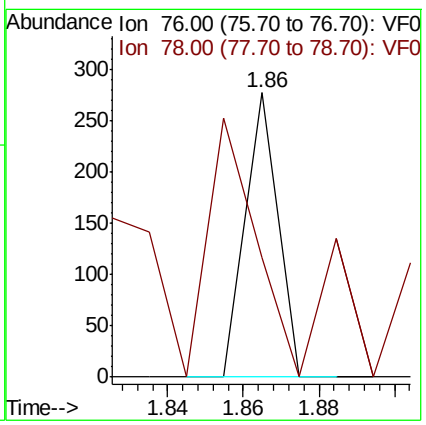


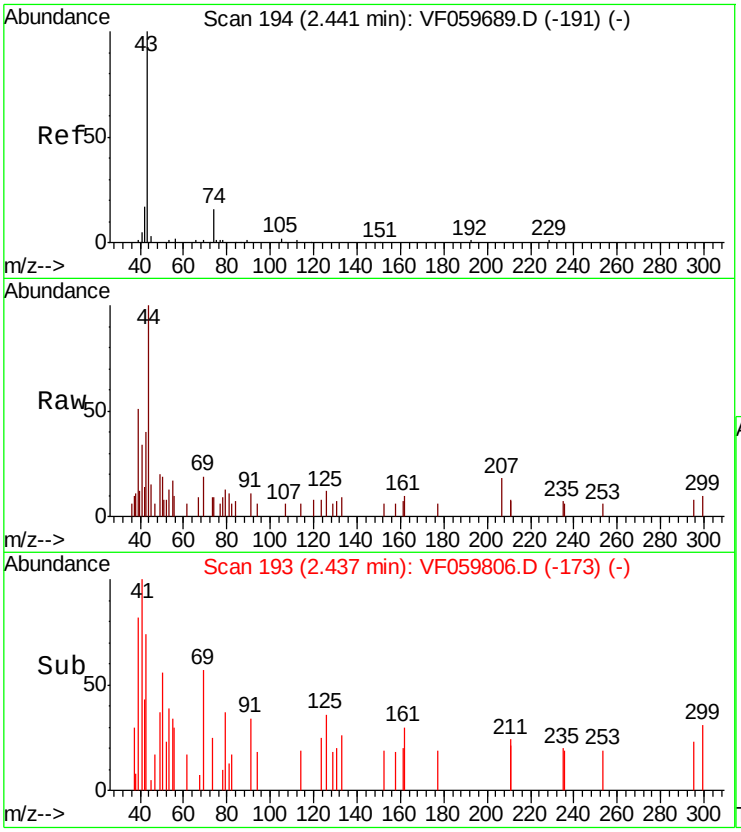


#17
Carbon Disulfide
Concen: Below Cal
RT: 1.86 min Scan# 135
Delta R.T. -0.01 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 76 Resp: 164

Ion	Ratio	Lower	Upper
76	100		
78	41.9	8.9	13.3#



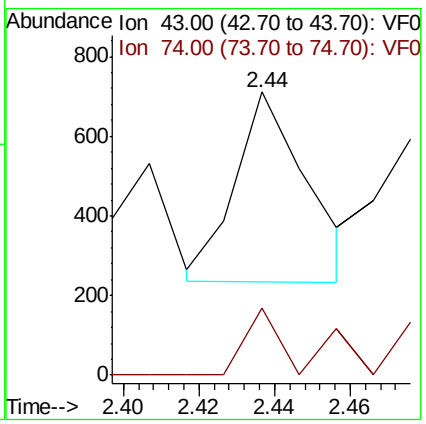


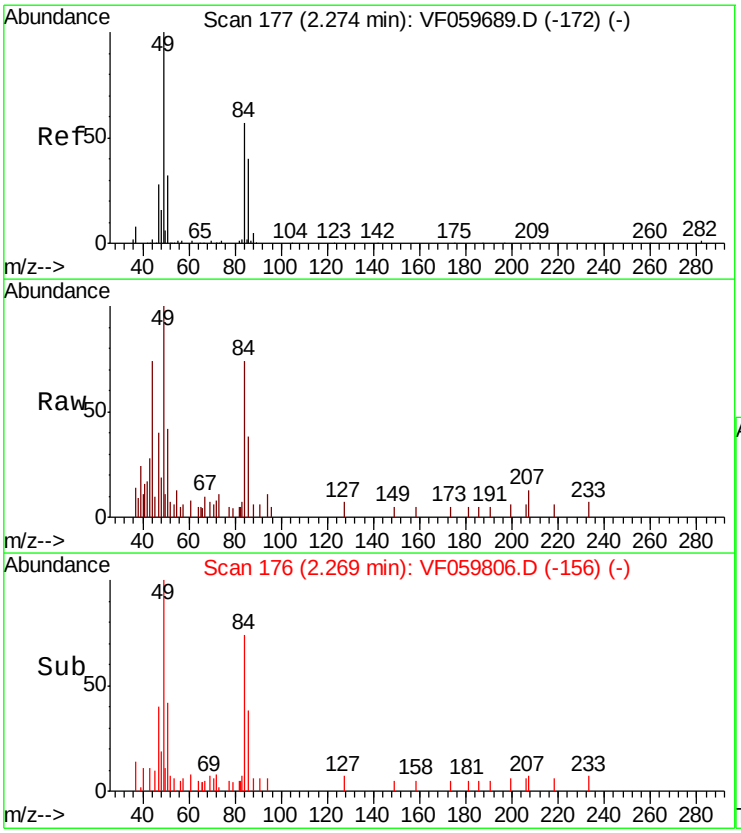
#18
Methyl Acetate
Concen: Below Cal
RT: 2.44 min Scan# 193
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument : MSVOA_F
ClientSampleId : BFB

Tgt Ion: 43 Resp: 621

Ion	Ratio	Lower	Upper
43	100		
74	23.6	11.8	17.6#

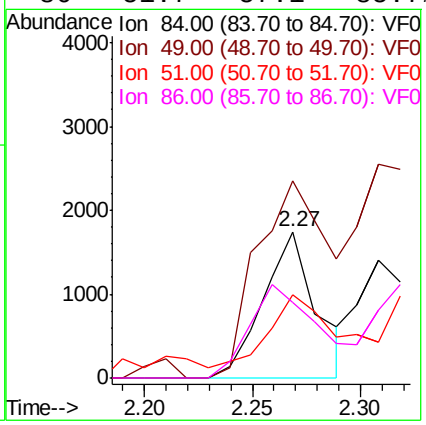


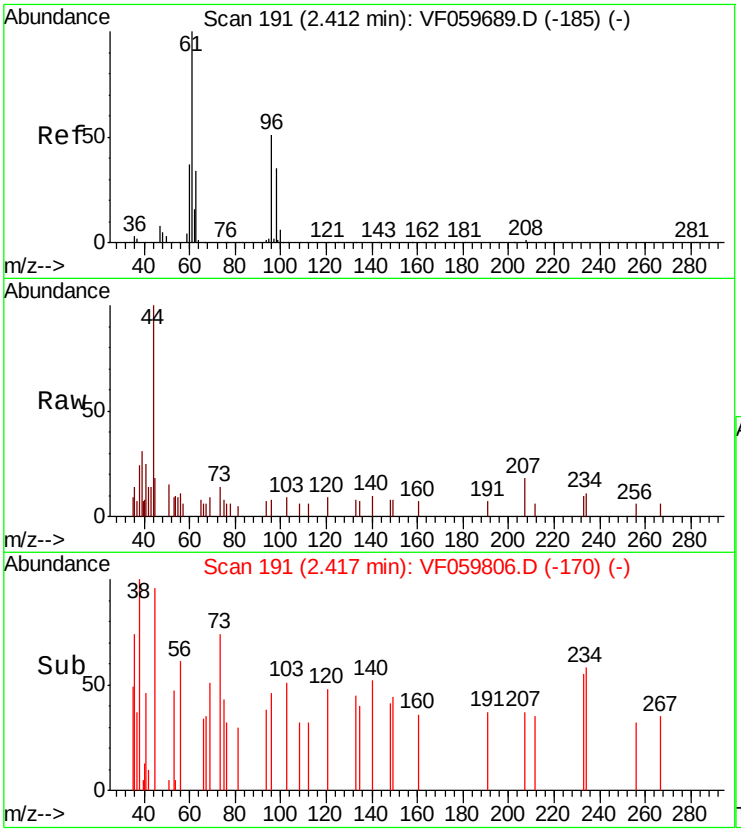


#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 176
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 84 Resp: 2970

Ion	Ratio	Lower	Upper
84	100		
49	134.9	142.2	213.4#
51	56.7	46.2	69.2
86	51.7	57.1	85.7#



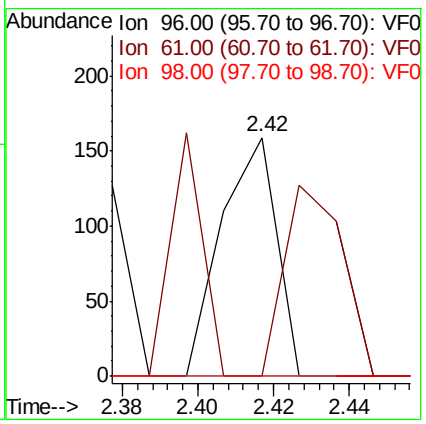


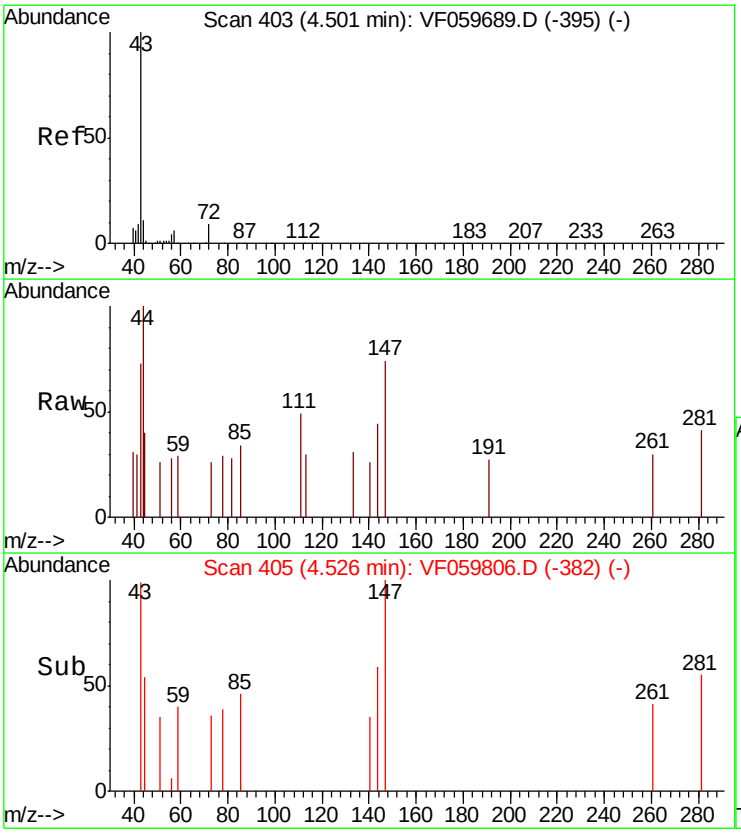
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.42 min Scan# 191
Delta R.T. 0.01 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion: 96 Resp: 159

Ion	Ratio	Lower	Upper
96	100		
61	0.0	157.4	236.0#
98	0.0	55.0	82.4#

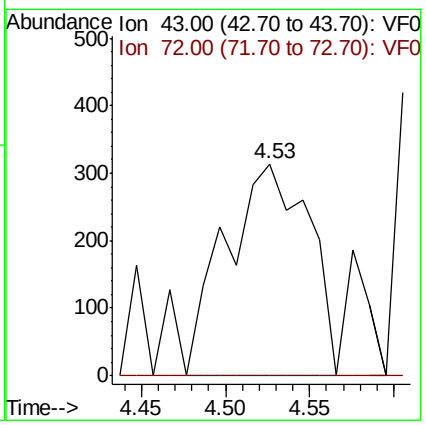


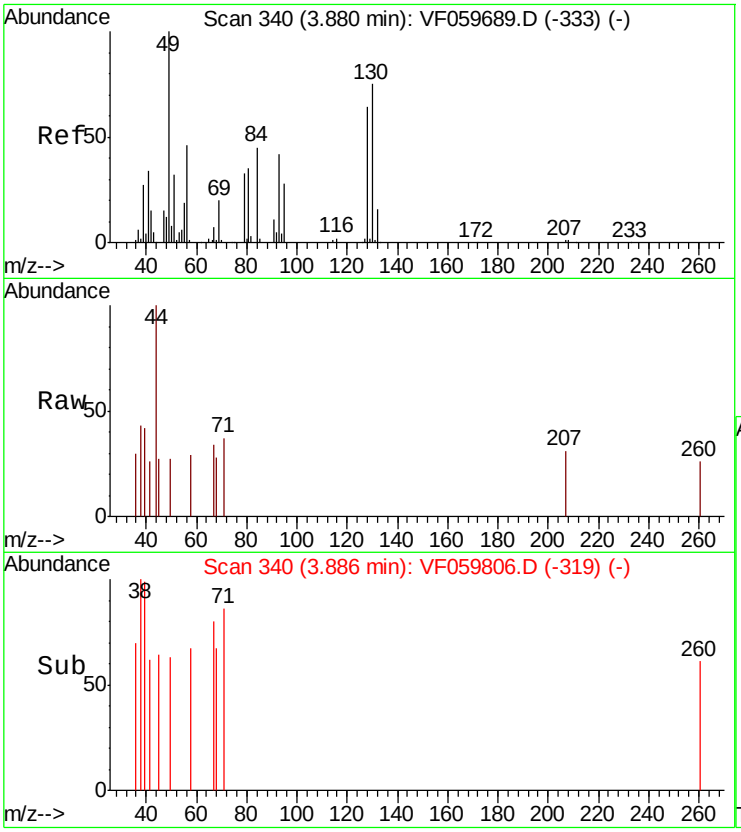


#25
2-Butanone
Concen: 1.795 ug/l
RT: 4.53 min Scan# 405
Delta R.T. 0.02 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 43 Resp: 1079

Ion	Ratio	Lower	Upper
43	100		
72	0.0	7.7	11.5#



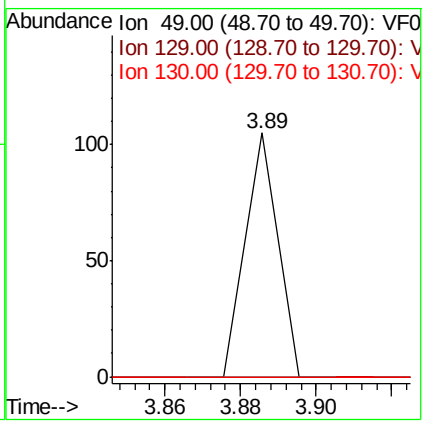


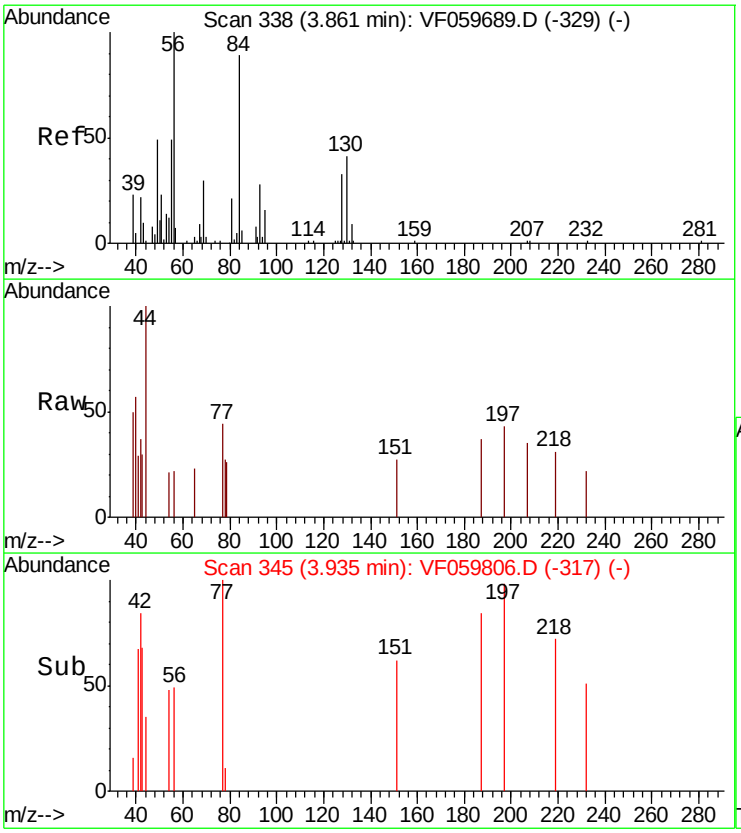
#28
Bromochloromethane
Concen: Below Cal
RT: 3.89 min Scan# 340
Delta R.T. 0.01 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion: 49 Resp: 62

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	0.0	59.6	89.4#

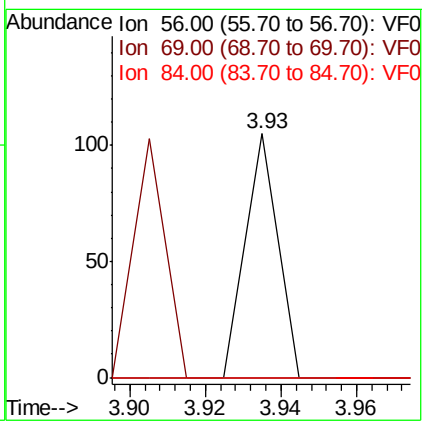


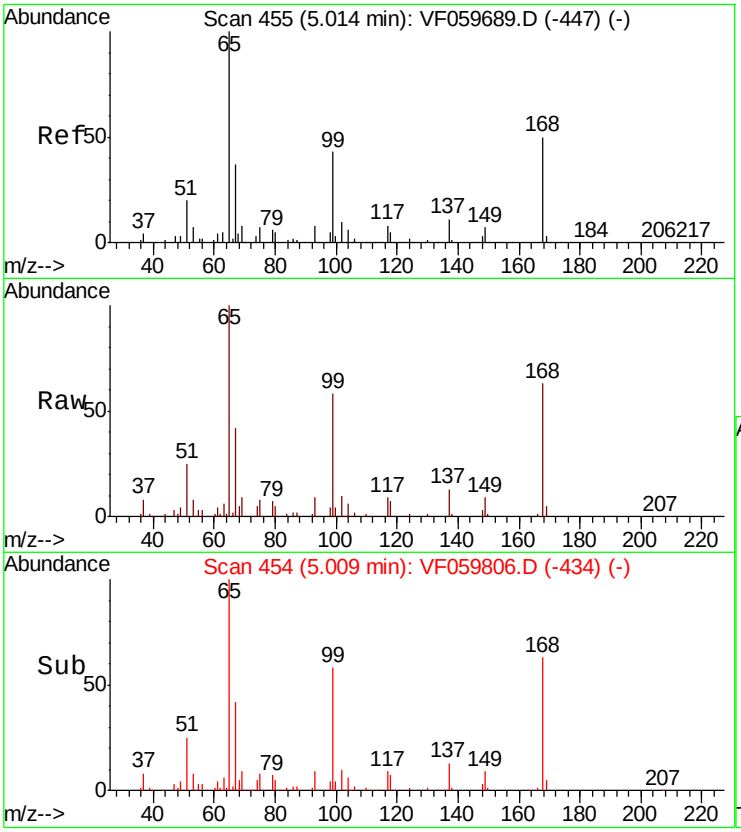


#31
Cyclohexane
Concen: Below Cal
RT: 3.93 min Scan# 345
Delta R.T. 0.07 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 56 Resp: 62

Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.7	35.5#
84	0.0	71.1	106.7#



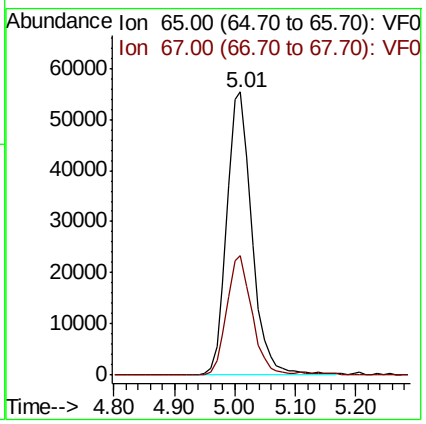


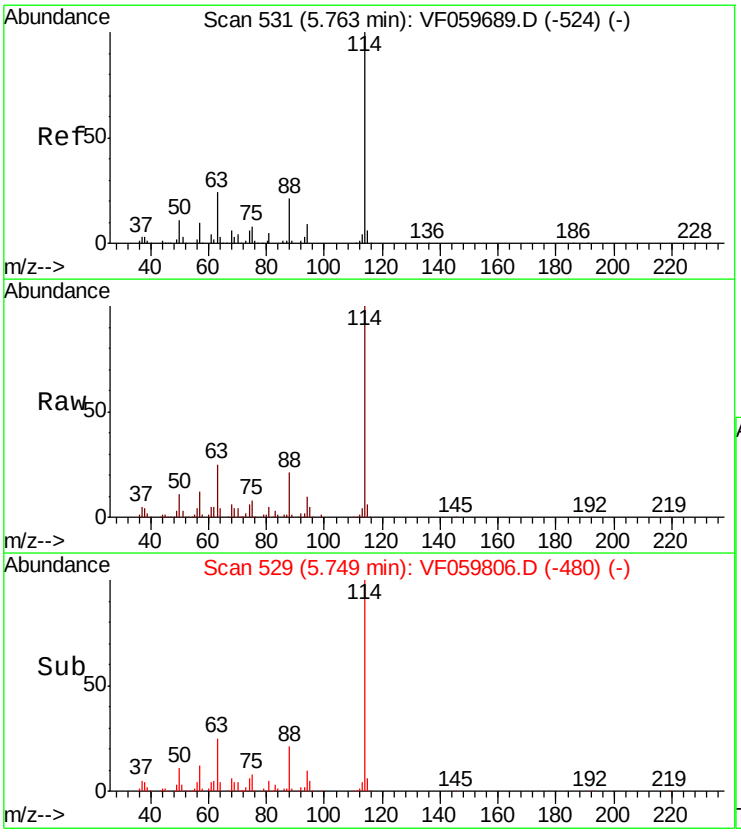
#33
1,2-Dichloroethane-d4
Concen: 53.484 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion: 65 Resp: 160120

Ion	Ratio	Lower	Upper
65	100		
67	42.0	0.0	84.6

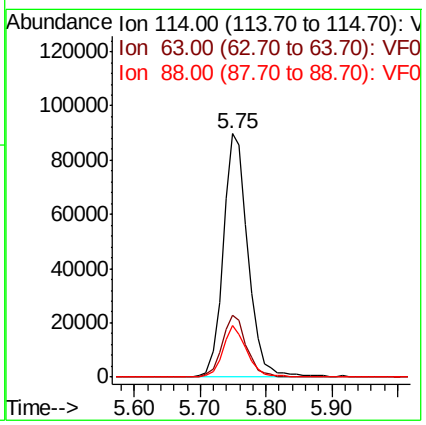


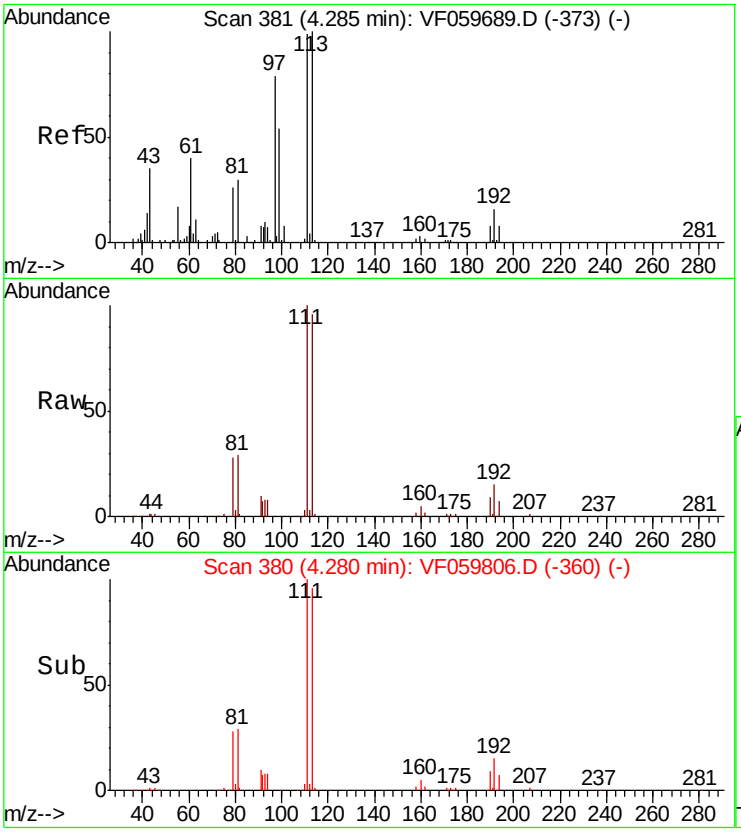


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 529
Delta R.T. -0.01 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion:114 Resp: 236250

Ion	Ratio	Lower	Upper
114	100		
63	25.5	0.0	47.4
88	21.3	0.0	41.2



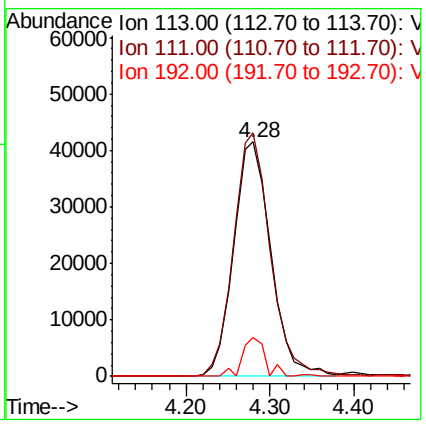


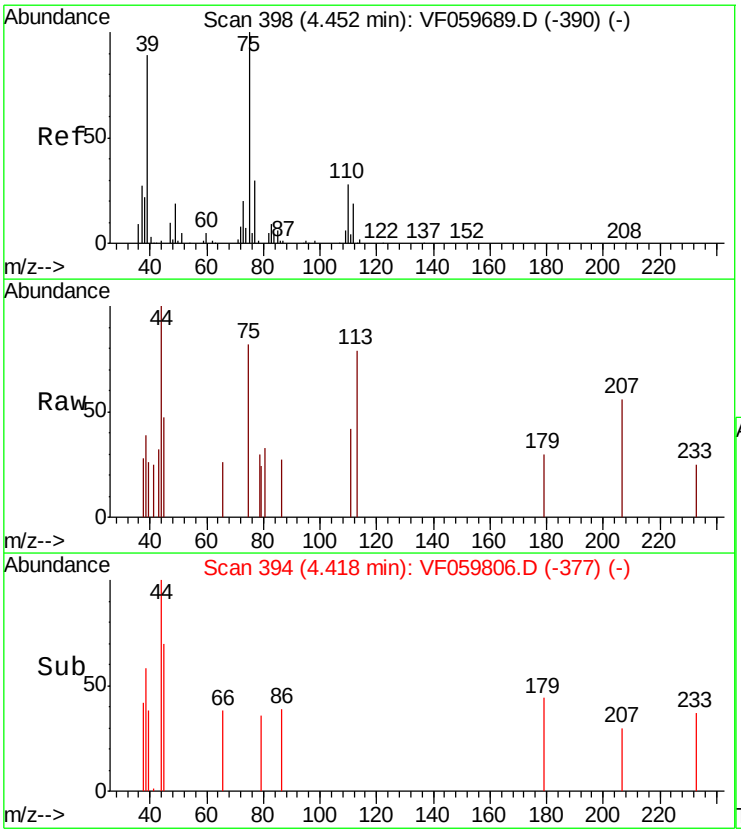
#35
Dibromofluoromethane
Concen: 52.329 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion:113 Resp: 128407

Ion	Ratio	Lower	Upper
113	100		
111	103.9	79.0	118.4
192	16.4	13.2	19.8

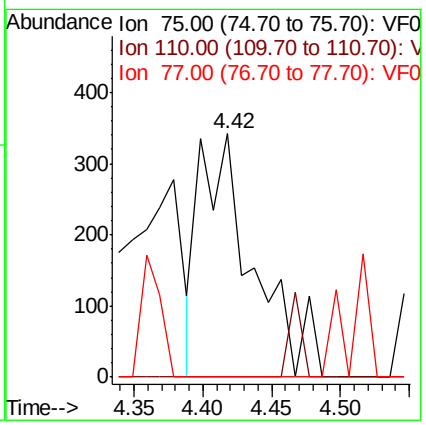


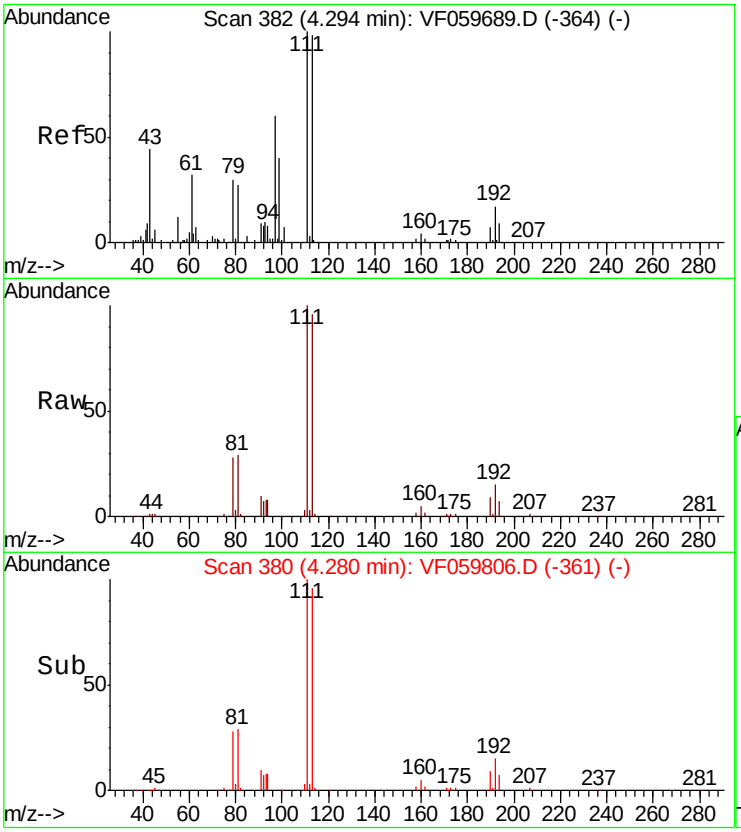


#36
1,1-Dichloropropene
Concen: Below Cal
RT: 4.42 min Scan# 394
Delta R.T. -0.03 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 75 Resp: 925

Ion	Ratio	Lower	Upper
75	100		
110	0.0	14.0	41.9#
77	0.0	24.2	36.2#



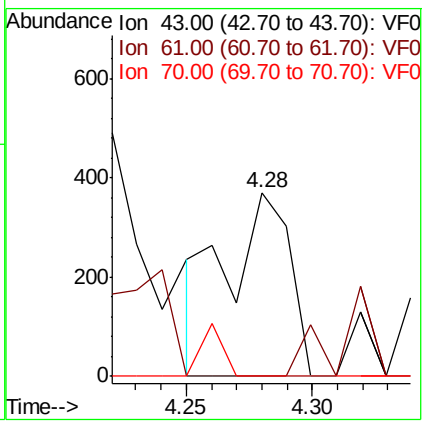


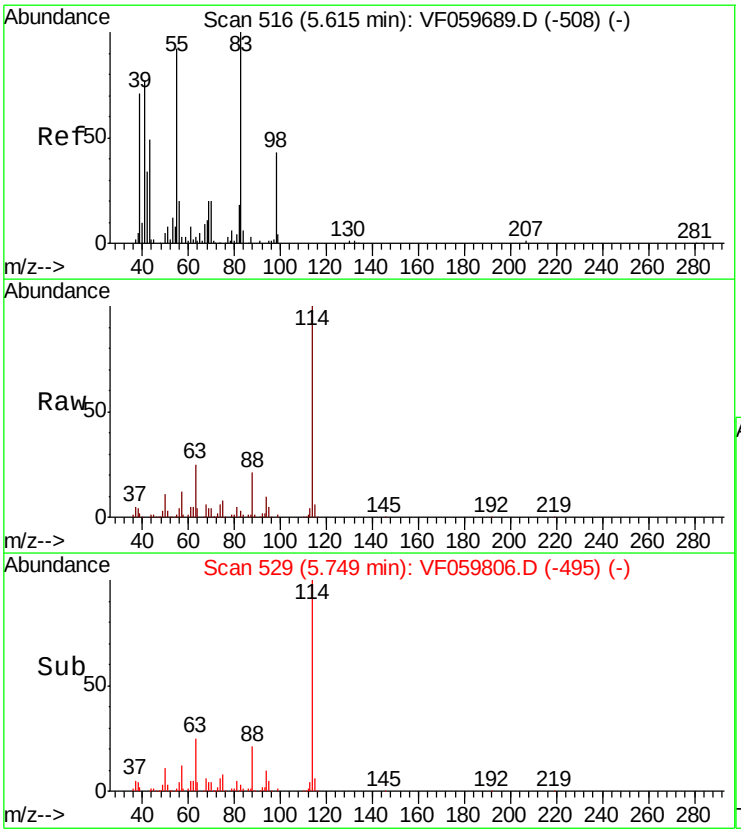
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.28 min Scan# 380
Delta R.T. -0.01 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 640

Ion	Ratio	Lower	Upper
43	100		
61	0.0	58.2	87.2#
70	0.0	6.0	9.0#

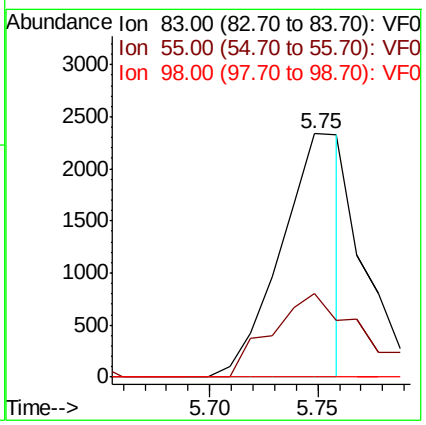


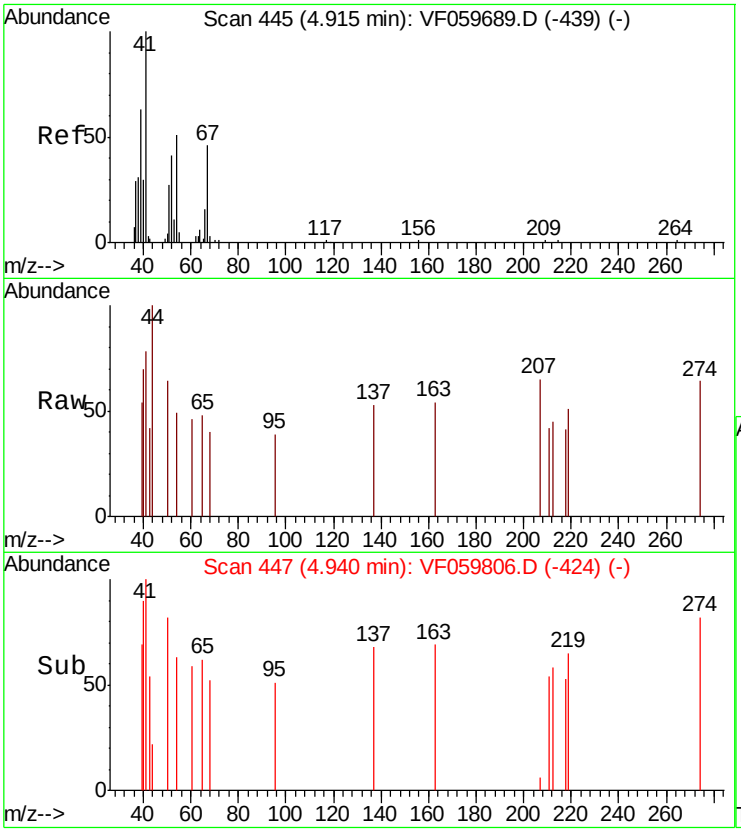


#39
Methylcyclohexane
Concen: Below Cal
RT: 5.75 min Scan# 529
Delta R.T. 0.13 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 83 Resp: 4625

Ion	Ratio	Lower	Upper
83	100		
55	34.4	73.4	110.2#
98	0.0	34.2	51.4#



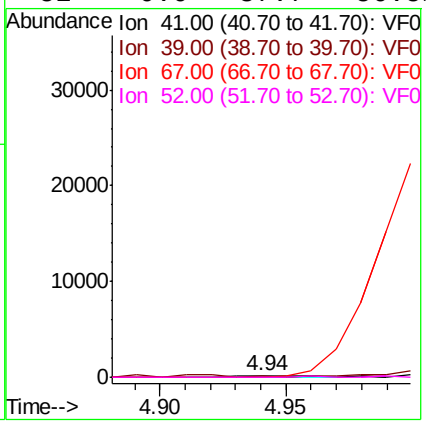


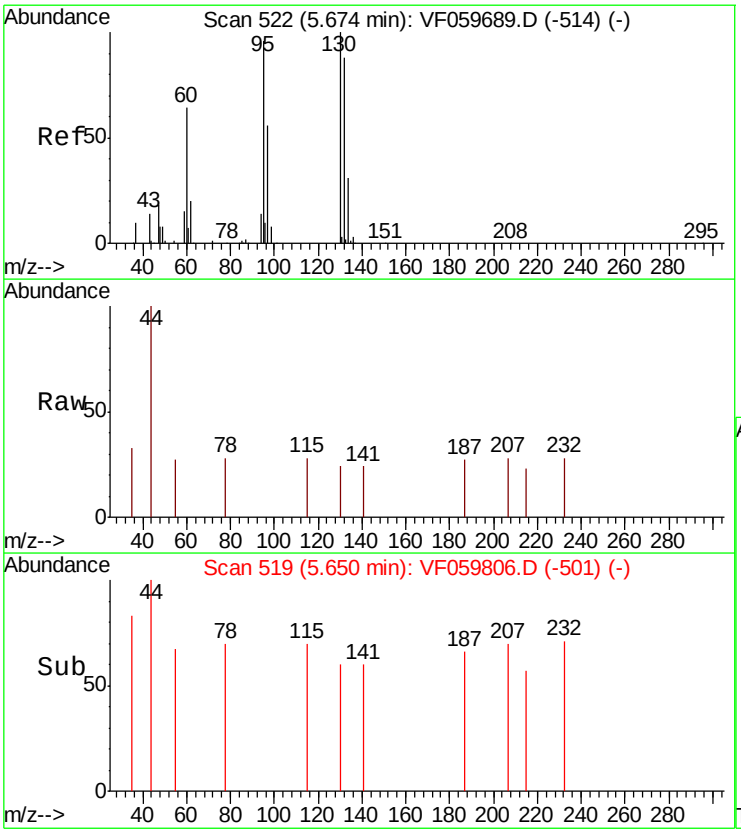
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.94 min Scan# 447
Delta R.T. 0.03 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument : MSVOA_F
ClientSampleId : BFB

Tgt Ion: 41 Resp: 357

Ion	Ratio	Lower	Upper
41	100		
39	69.0	55.2	82.8
67	0.0	36.2	54.2#
52	0.0	37.7	56.5#

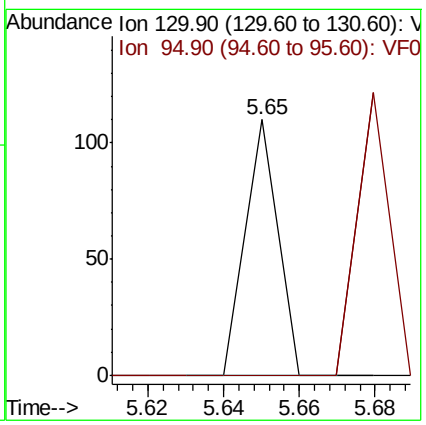


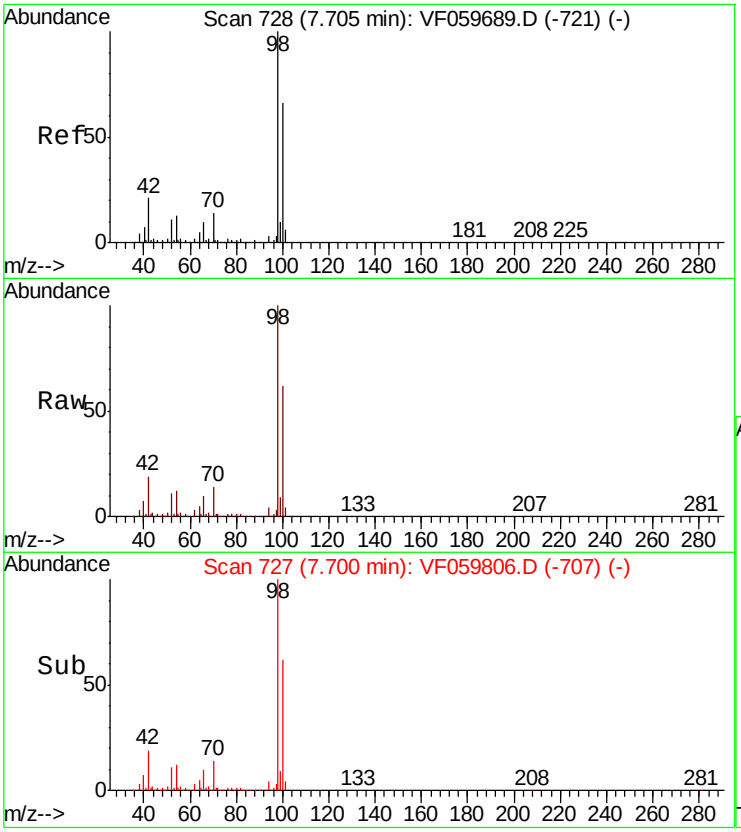


#44
Trichloroethene
Concen: Below Cal
RT: 5.65 min Scan# 519
Delta R.T. -0.02 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion:130 Resp: 65

Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	191.0



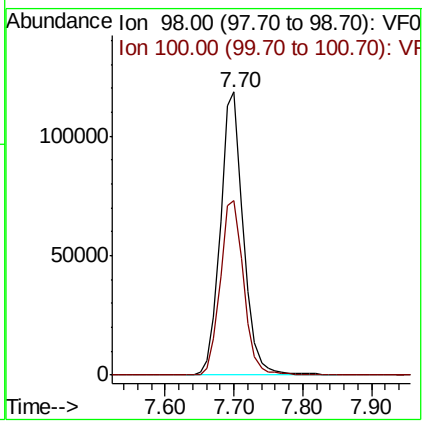


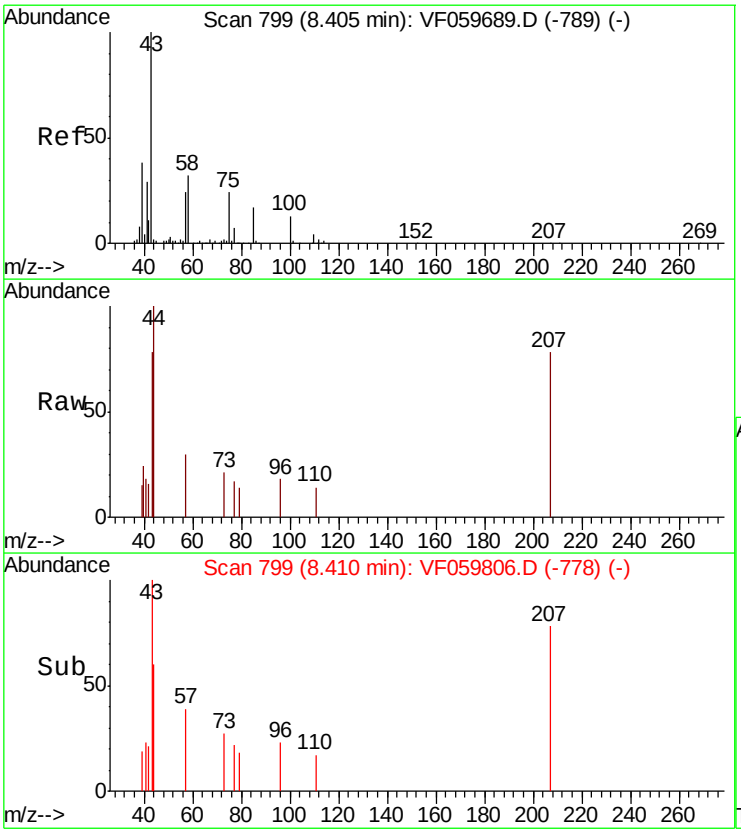
#50
Toluene-d8
Concen: 47.750 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument : MSVOA_F
ClientSampleId : BFB

Tgt Ion: 98 Resp: 273234

Ion	Ratio	Lower	Upper
98	100		
100	61.5	52.8	79.2

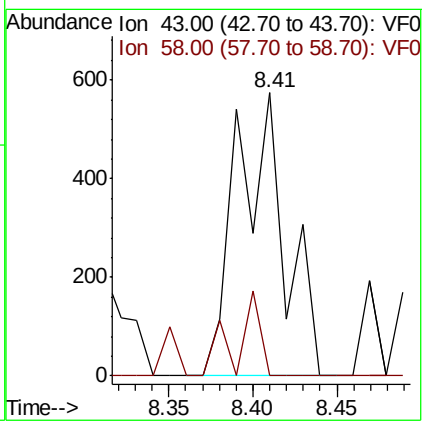


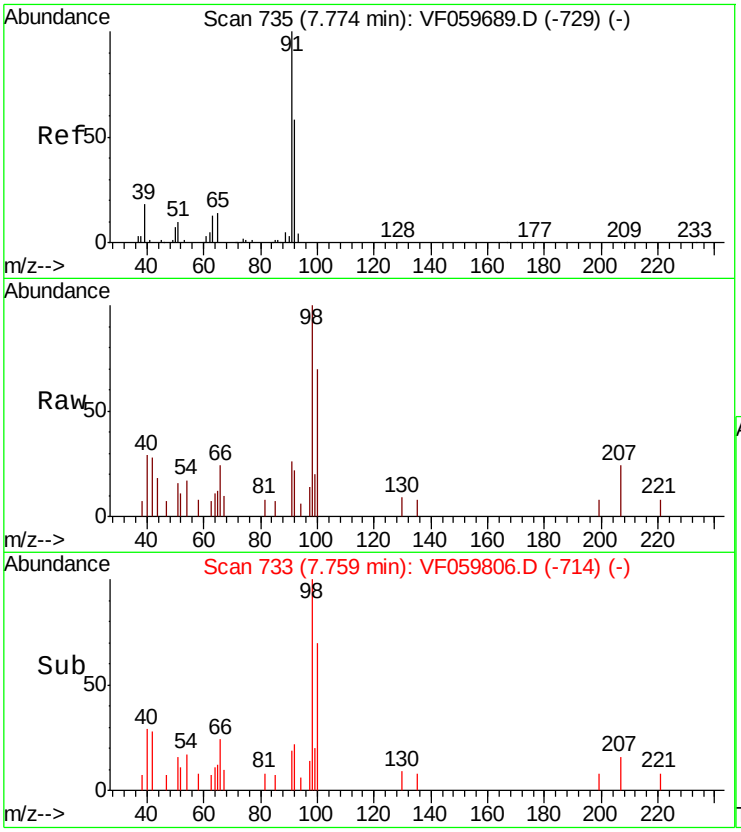


#51
4-Methyl-2-Pentanone
Concen: 1.069 ug/l
RT: 8.41 min Scan# 799
Delta R.T. 0.01 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 43 Resp: 1149

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.9	38.9#



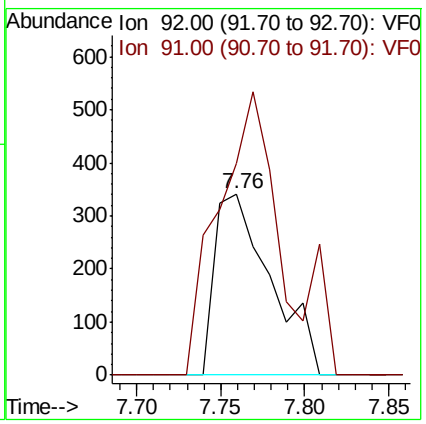


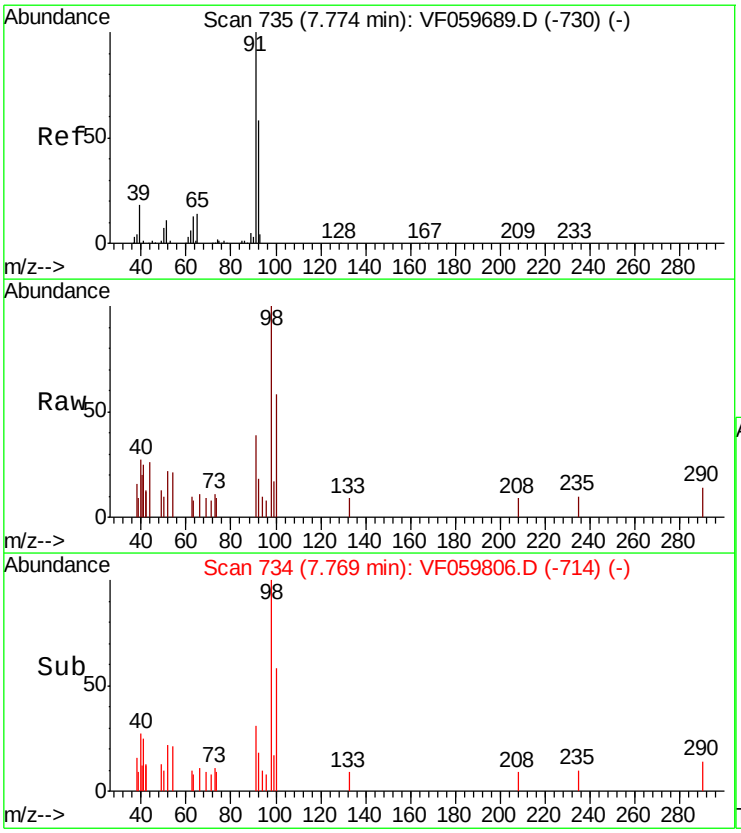
#52
Toluene
Concen: Below Cal
RT: 7.76 min Scan# 733
Delta R.T. -0.01 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion: 92 Resp: 788

Ion	Ratio	Lower	Upper
92	100		
91	117.3	139.0	208.4#

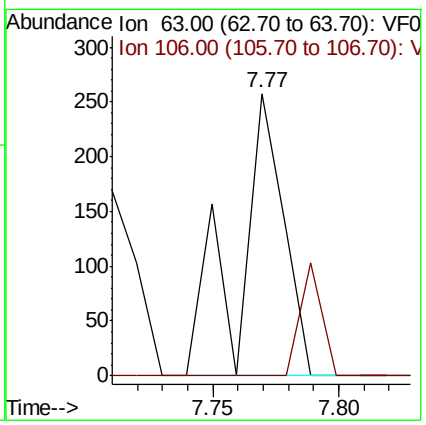


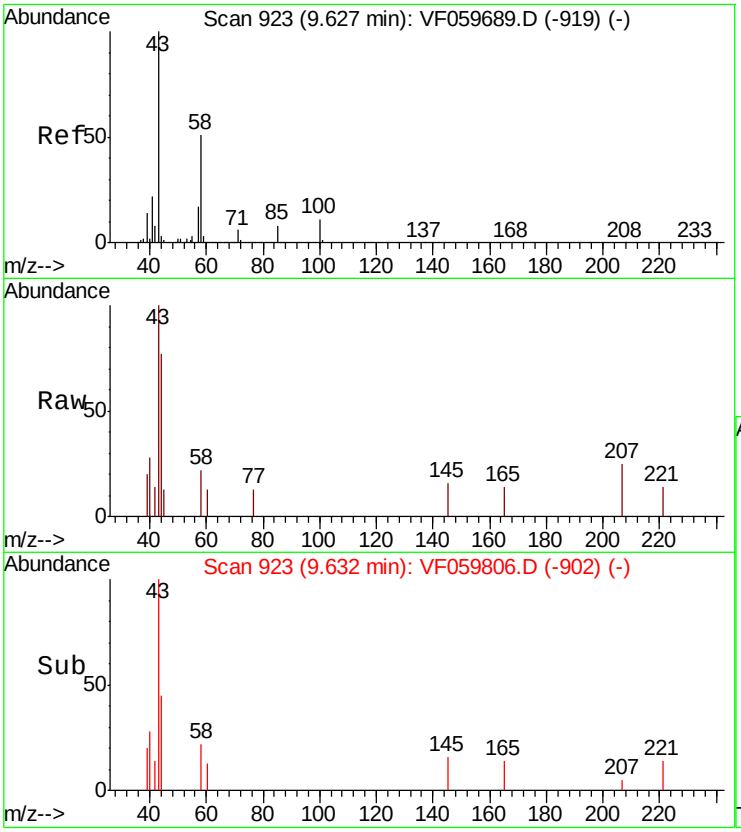


#58
2-Chloroethyl Vinyl ether
Concen: 2.082 ug/l
RT: 7.77 min Scan# 734
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 63 Resp: 324

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



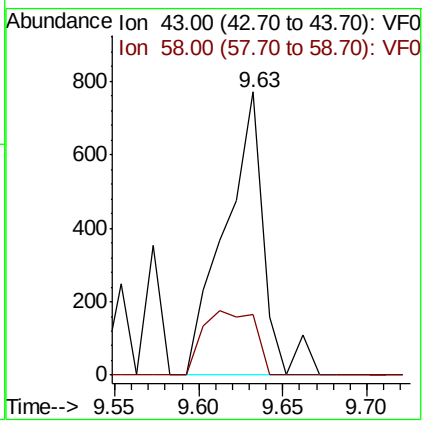


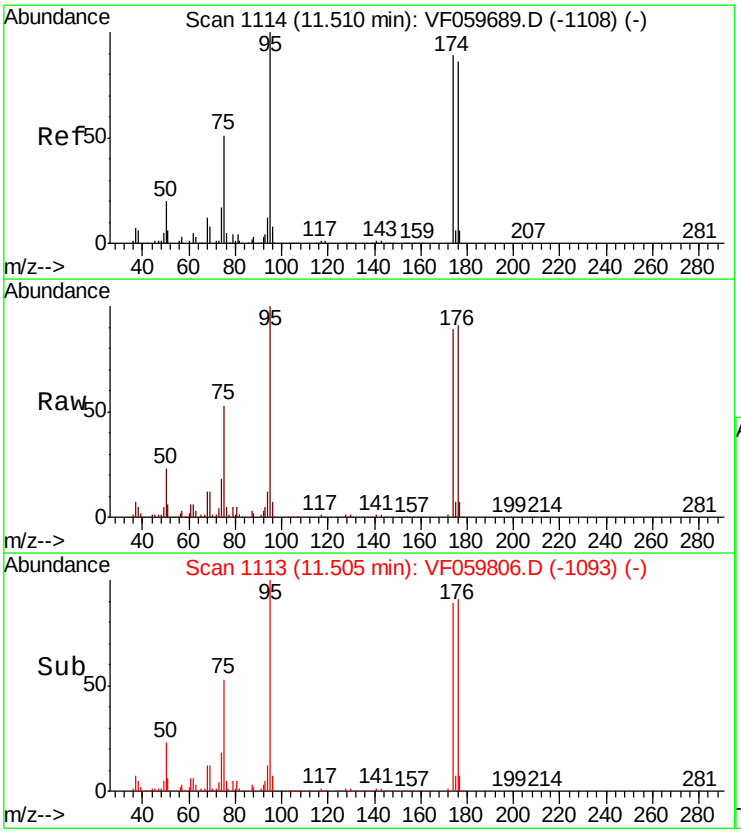
#59
2-Hexanone
Concen: 1.450 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.01 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 1249

Ion	Ratio	Lower	Upper
43	100		
58	21.5	23.3	69.8#

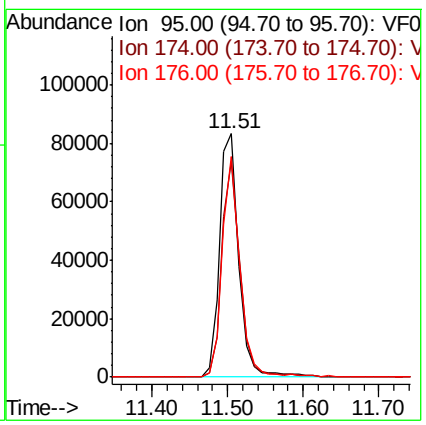


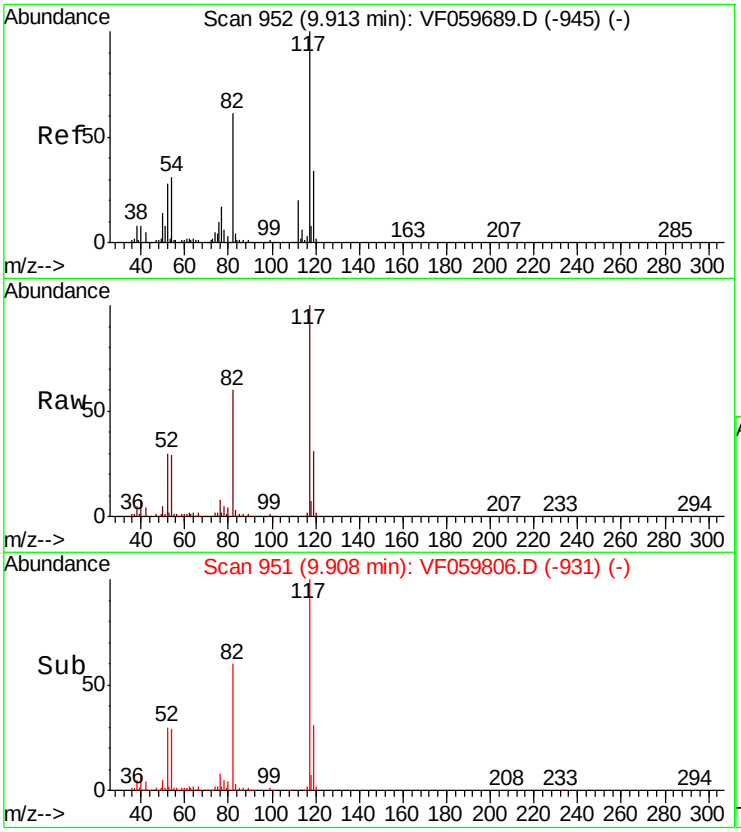


#62
4-Bromofluorobenzene
Concen: 47.131 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 95 Resp: 149303

Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	178.4
176	90.8	0.0	173.0



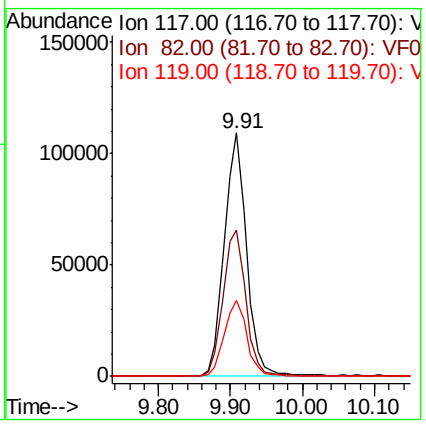


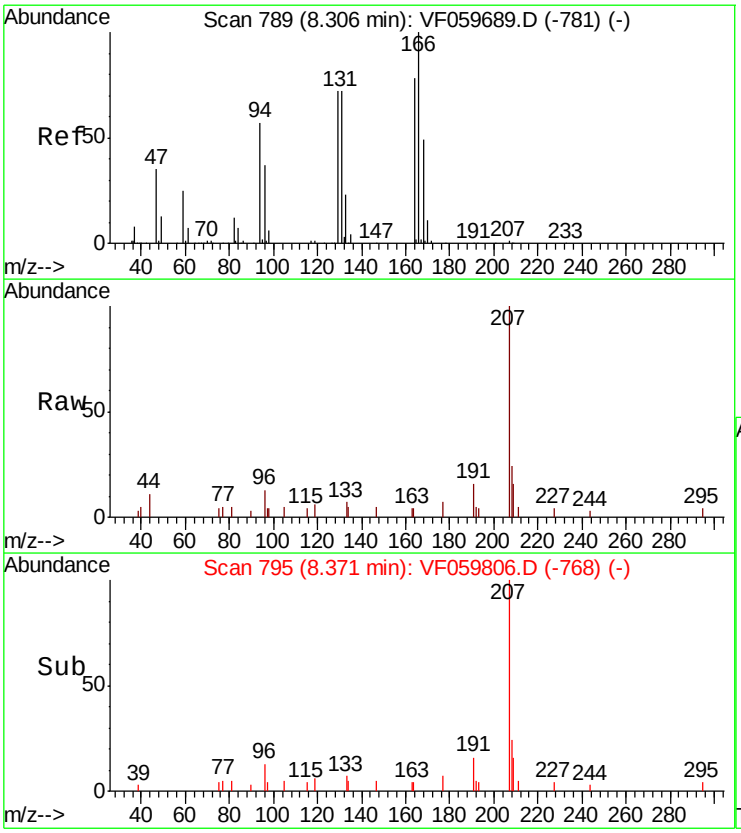
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument : MSVOA_F
ClientSampleId : BFB

Tgt Ion:117 Resp: 235220

Ion	Ratio	Lower	Upper
117	100		
82	60.1	49.0	73.4
119	31.3	27.3	40.9

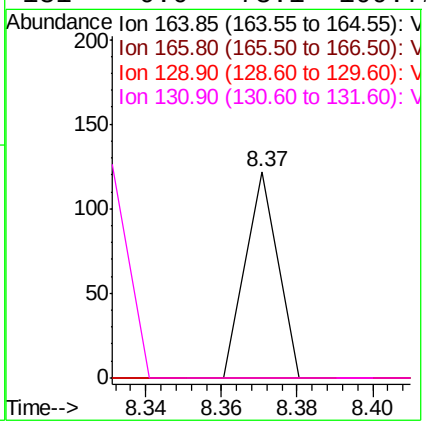


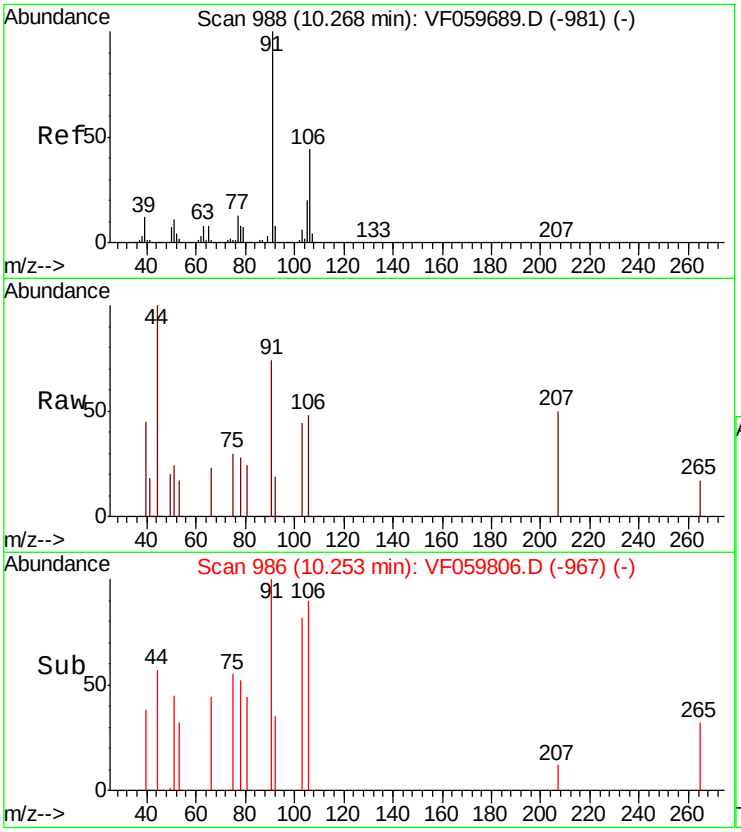


#64
Tetrachloroethene
Concen: Below Cal
RT: 8.37 min Scan# 795
Delta R.T. 0.06 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion:164 Resp: 72

Ion	Ratio	Lower	Upper
164	100		
166	0.0	102.1	153.1#
129	0.0	73.8	110.6#
131	0.0	73.1	109.7#



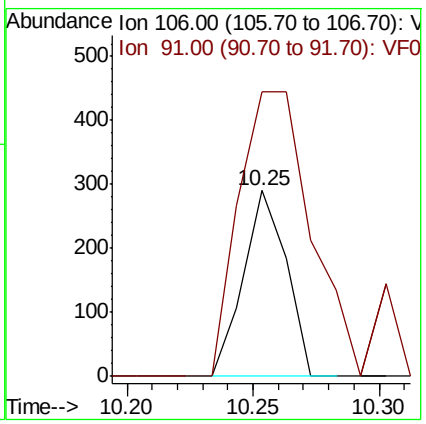


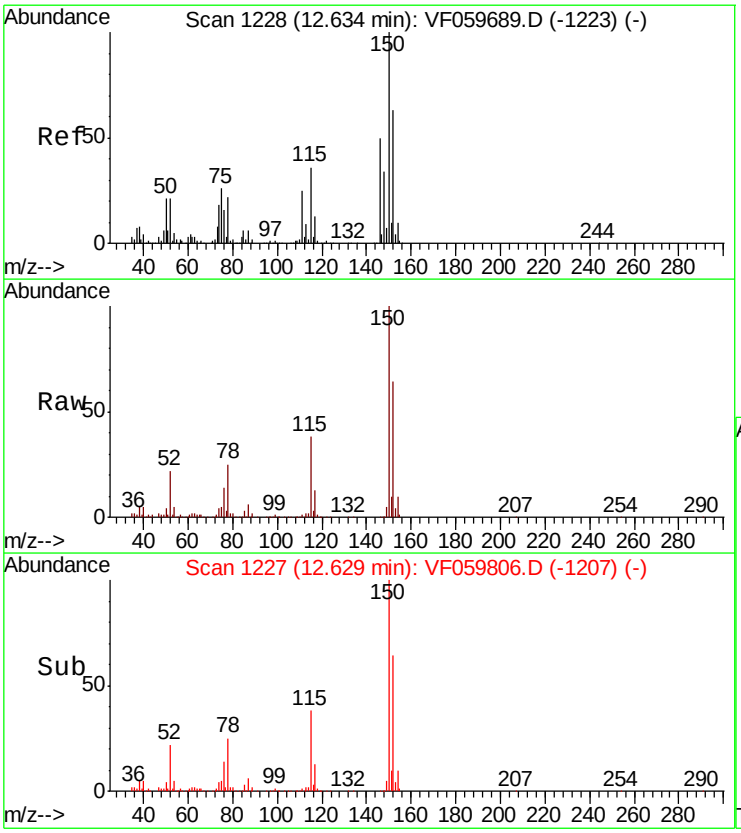
#68
m/p-Xylenes
Concen: Below Cal
RT: 10.25 min Scan# 986
Delta R.T. -0.01 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion:106 Resp: 342

Ion	Ratio	Lower	Upper
106	100		
91	153.1	181.7	272.5#

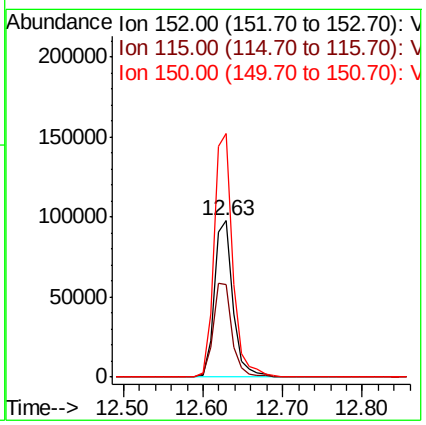


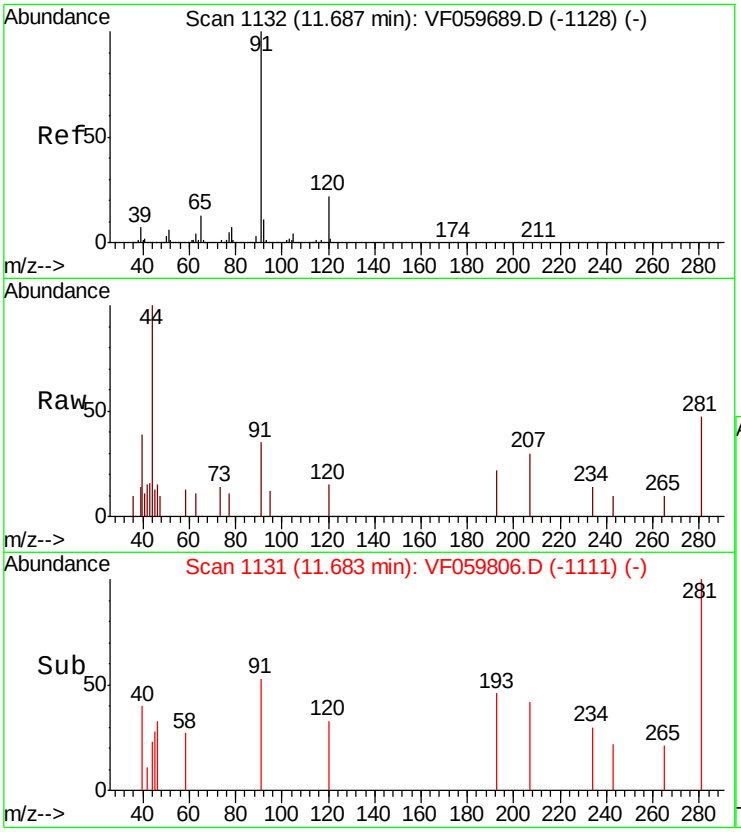


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion:152 Resp: 161129

Ion	Ratio	Lower	Upper
152	100		
115	59.0	28.2	84.6
150	155.9	0.0	316.2



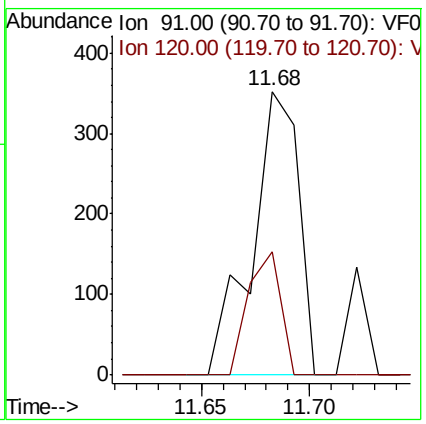


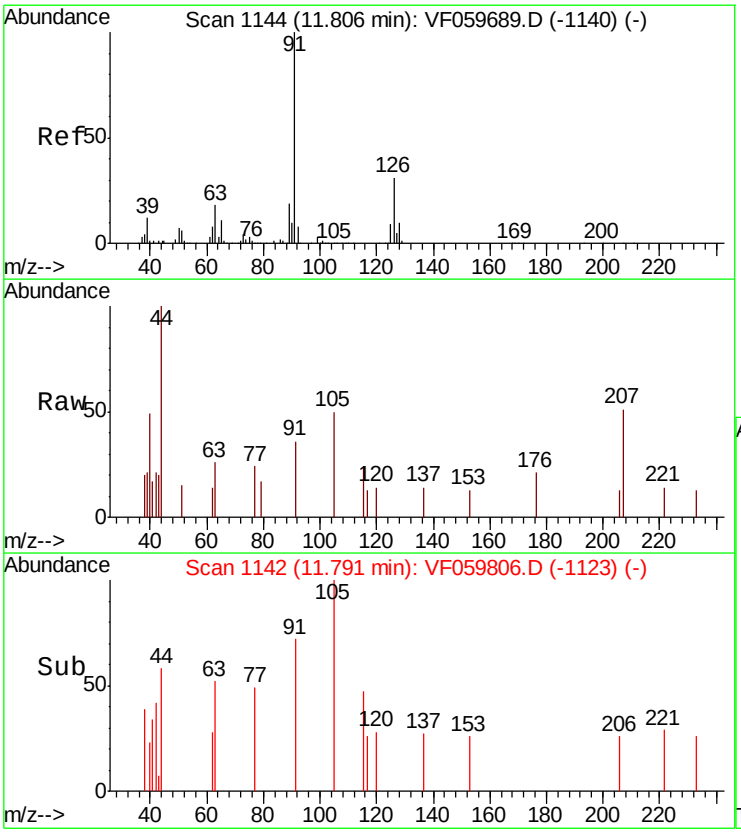
#78
n-propylbenzene
Concen: Below Cal
RT: 11.68 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument : MSVOA_F
ClientSampleId : BFB

Tgt Ion: 91 Resp: 525

Ion	Ratio	Lower	Upper
91	100		
120	43.5	11.0	33.0#

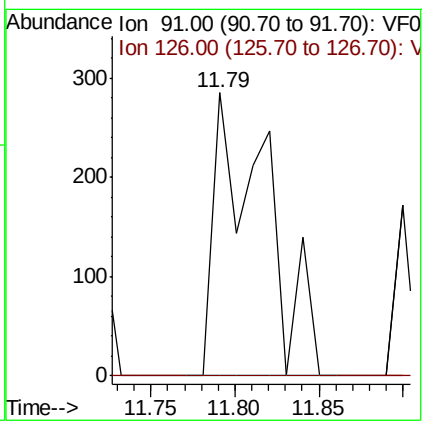


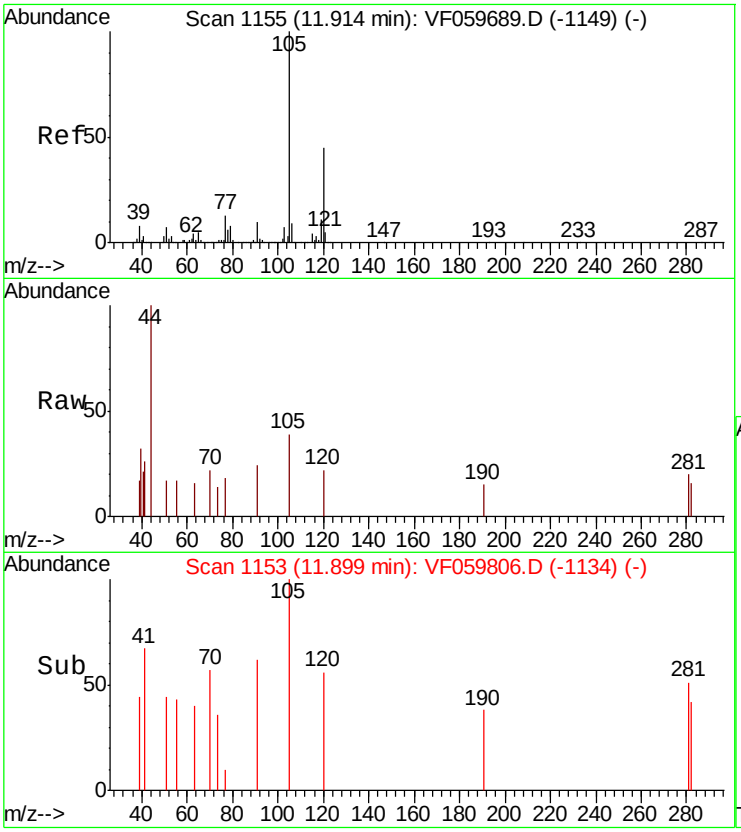


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.79 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 91 Resp: 607

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.4	46.2#



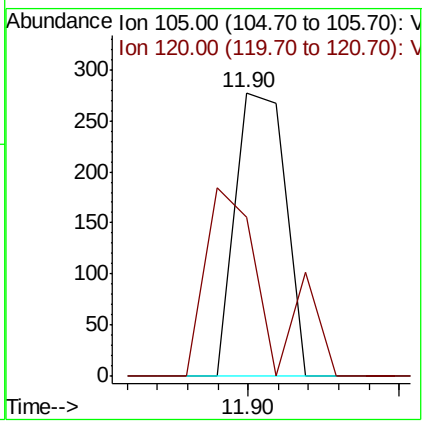


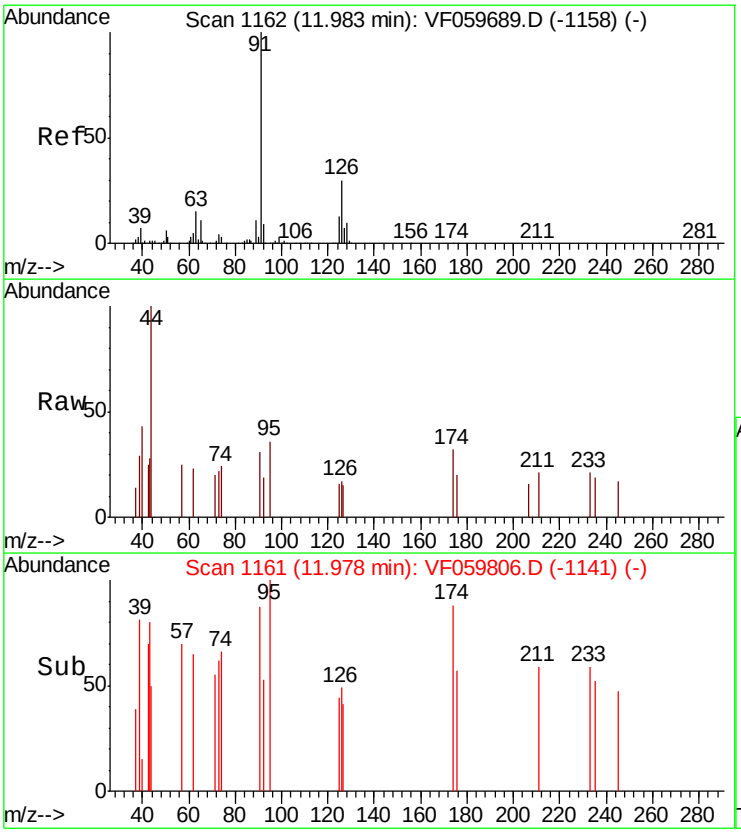
#80
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 11.90 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion:105 Resp: 323

Ion	Ratio	Lower	Upper
105	100		
120	56.1	22.7	68.0

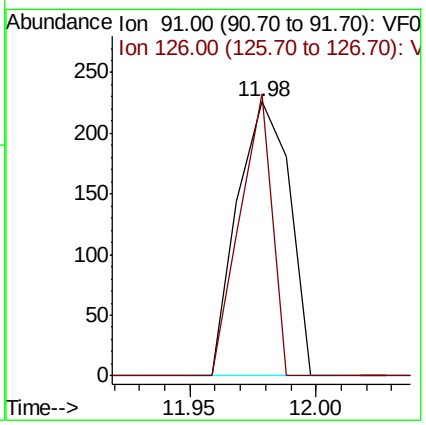


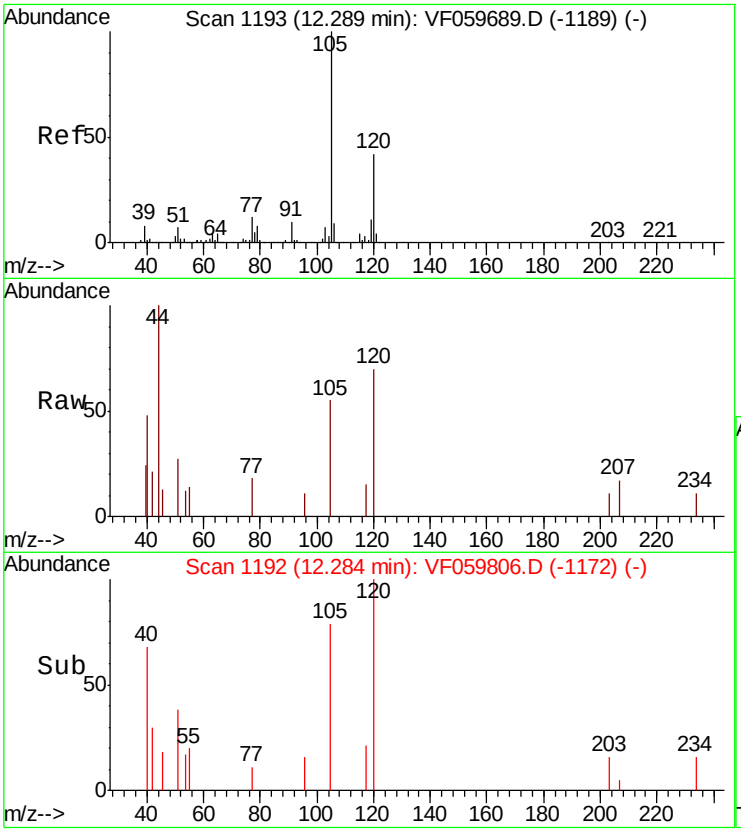


#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.98 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 91 Resp: 326

Ion	Ratio	Lower	Upper
91	100		
126	103.1	15.2	45.6#



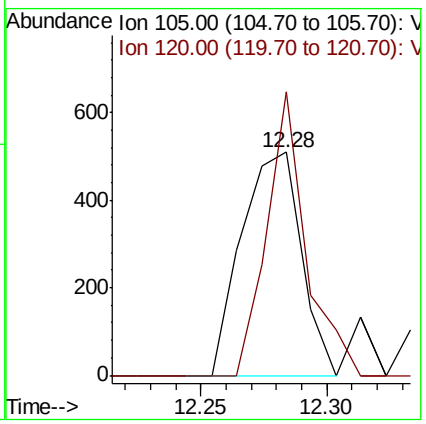


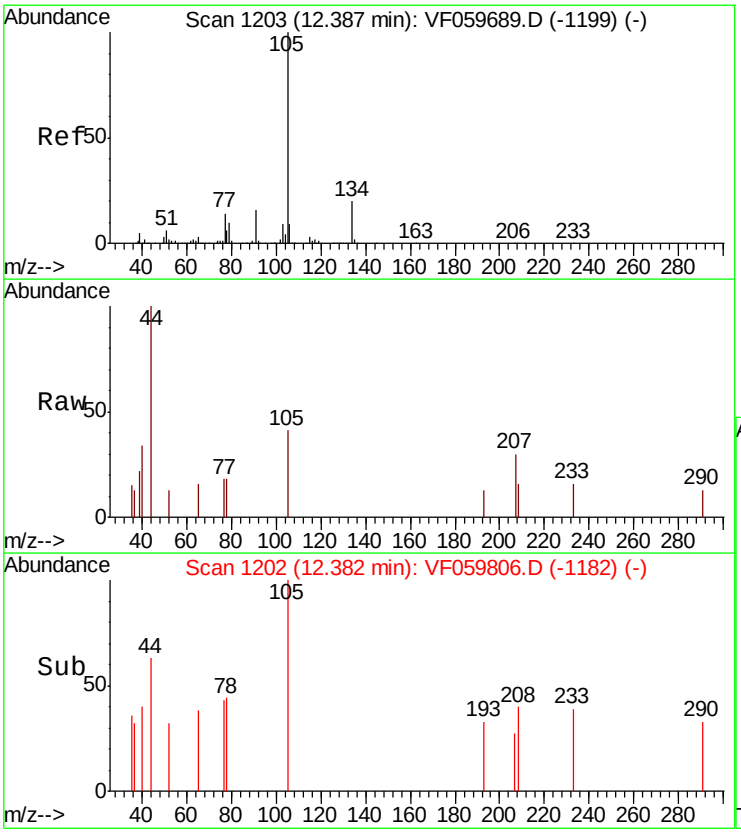
#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 12.28 min Scan# 1192
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion:105 Resp: 841

Ion	Ratio	Lower	Upper
105	100		
120	127.1	21.1	63.3#

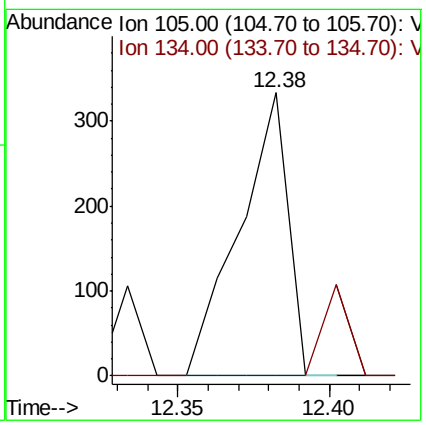


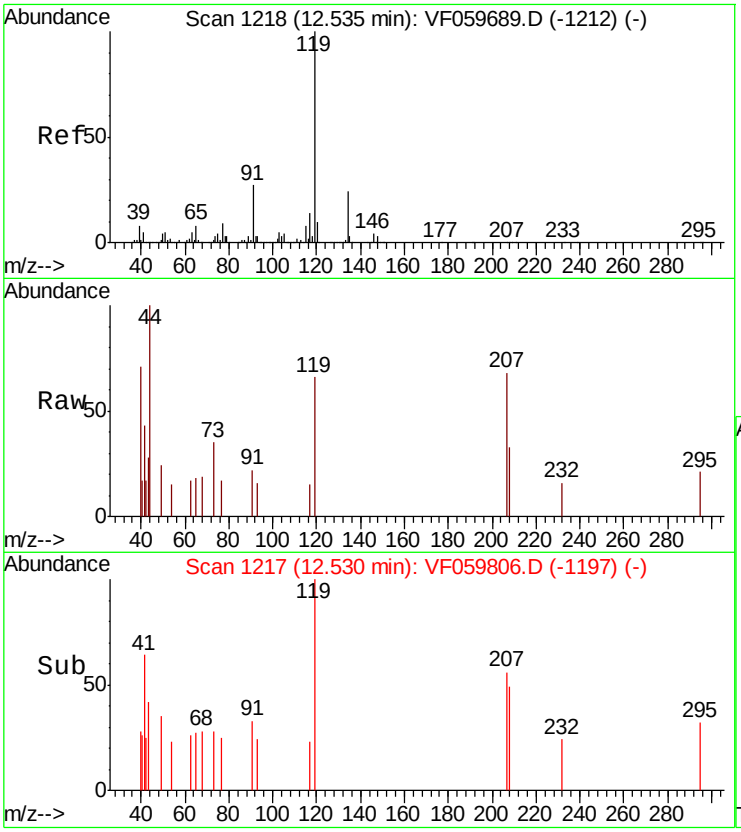


#85
sec-Butylbenzene
Concen: Below Cal
RT: 12.38 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion:105 Resp: 376

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.8	29.3#



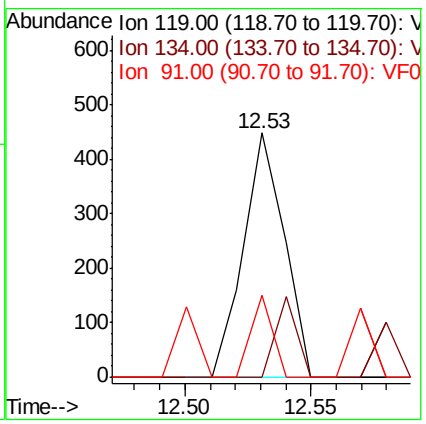


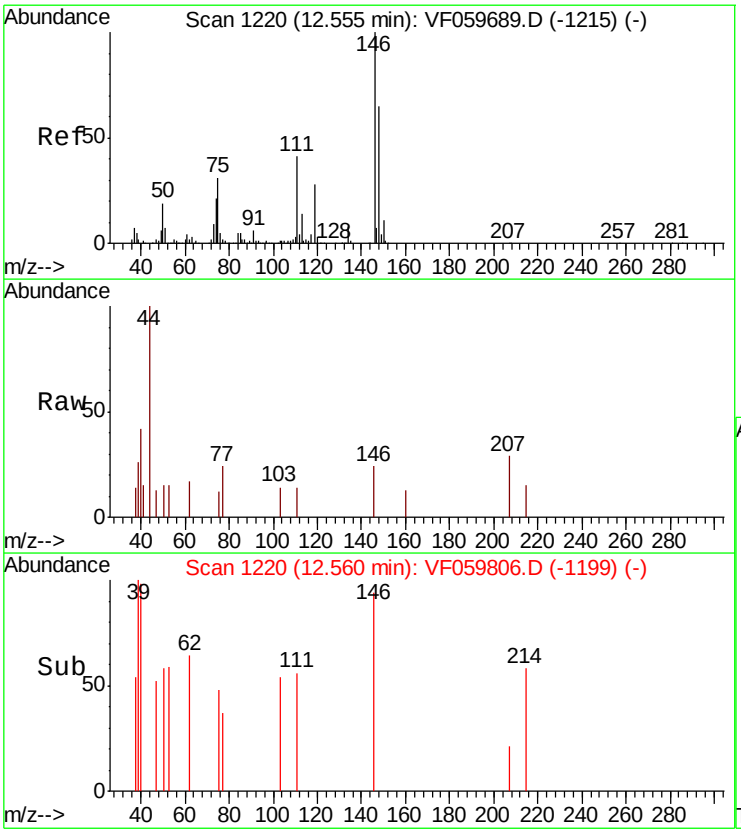
#86
p-Isopropyltoluene
Concen: Below Cal
RT: 12.53 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument : MSVOA_F
ClientSampleId : BFB

Tgt Ion:119 Resp: 505

Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.2	36.6#
91	33.5	13.4	40.2

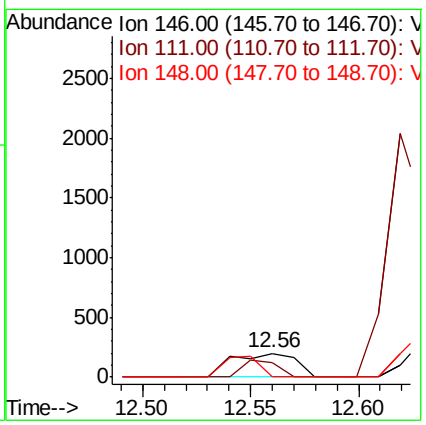


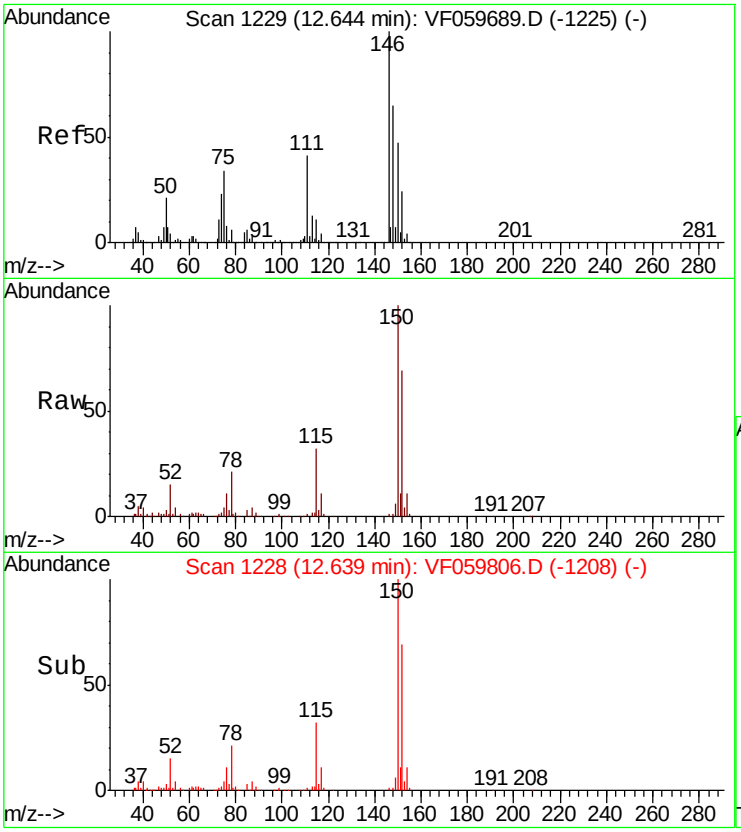


#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.56 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion:146 Resp: 409

Ion	Ratio	Lower	Upper
146	100		
111	59.3	20.7	62.1
148	0.0	32.3	96.8#



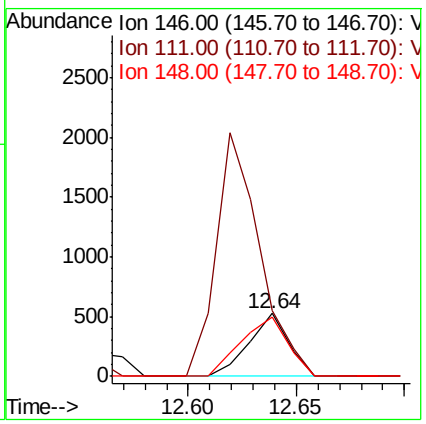


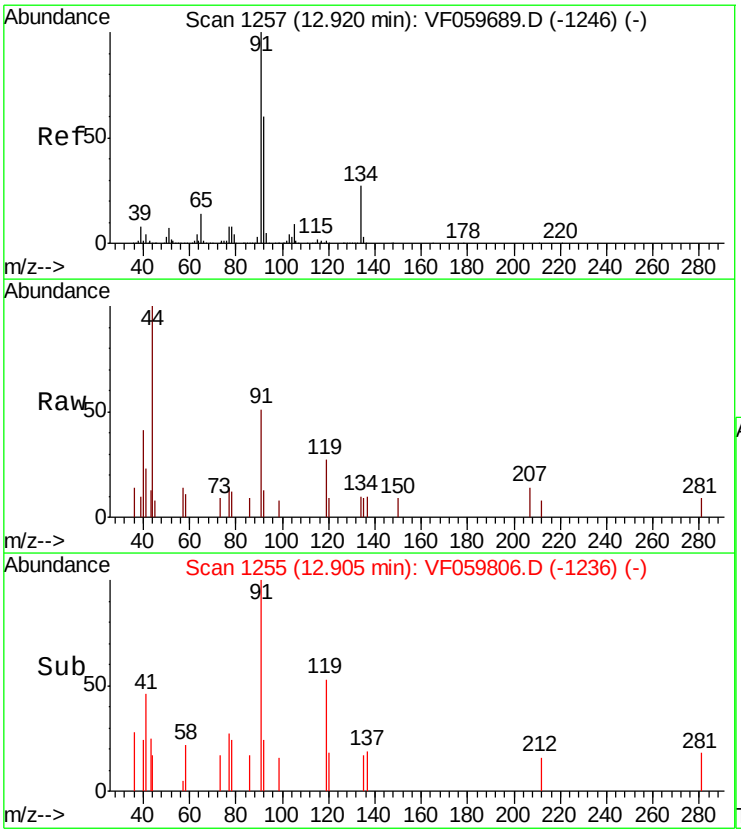
#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 12.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument : MSVOA_F
ClientSampleId : BFB

Tgt Ion:146 Resp: 667

Ion	Ratio	Lower	Upper
146	100		
111	104.4	20.8	62.2#
148	95.1	32.3	96.9

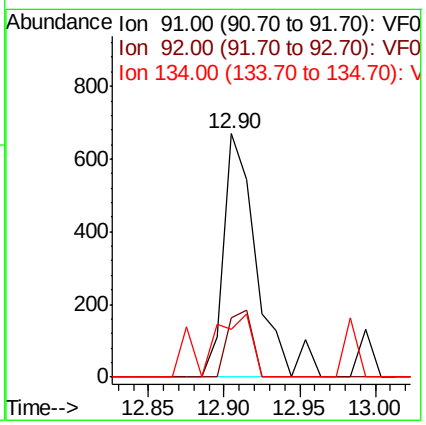


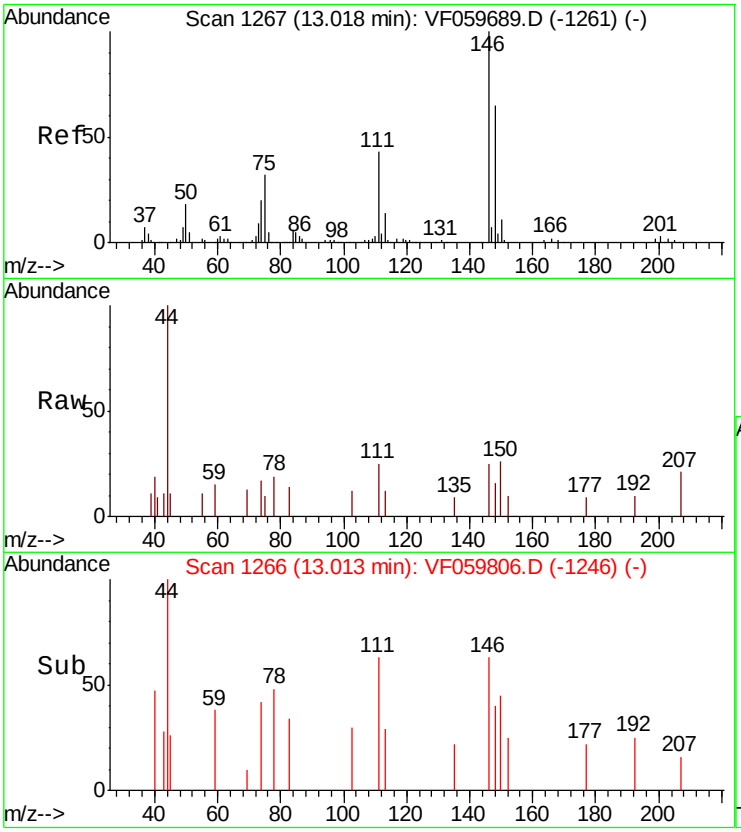


#89
n-Butylbenzene
Concen: Below Cal
RT: 12.90 min Scan# 1255
Delta R.T. -0.01 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 91 Resp: 1024

Ion	Ratio	Lower	Upper
91	100		
92	24.5	30.1	90.3#
134	19.9	13.7	41.0



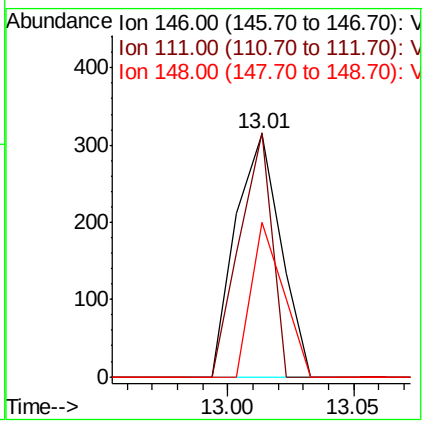


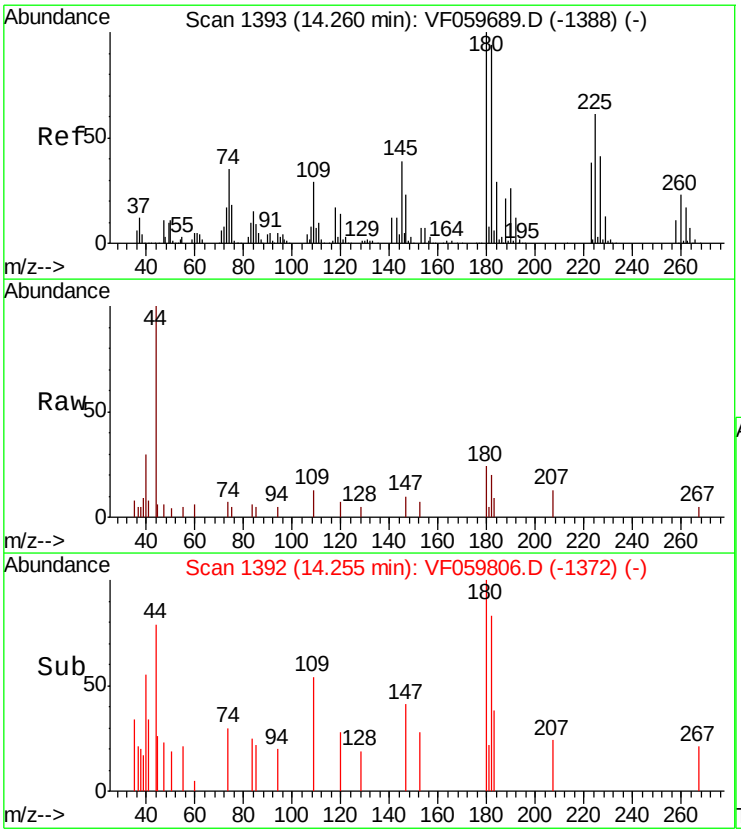
#91
1,2-Dichlorobenzene
Concen: Below Cal
RT: 13.01 min Scan# 1266
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion:146 Resp: 390

Ion	Ratio	Lower	Upper
146	100		
111	100.3	21.6	65.0#
148	63.5	32.3	96.9

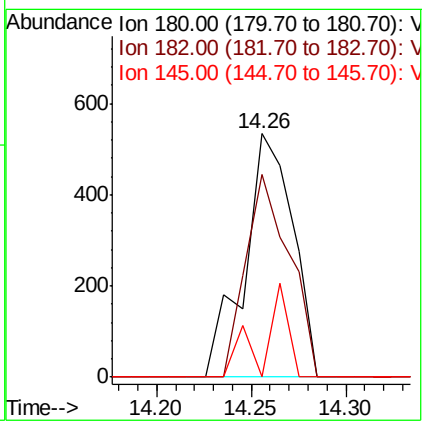


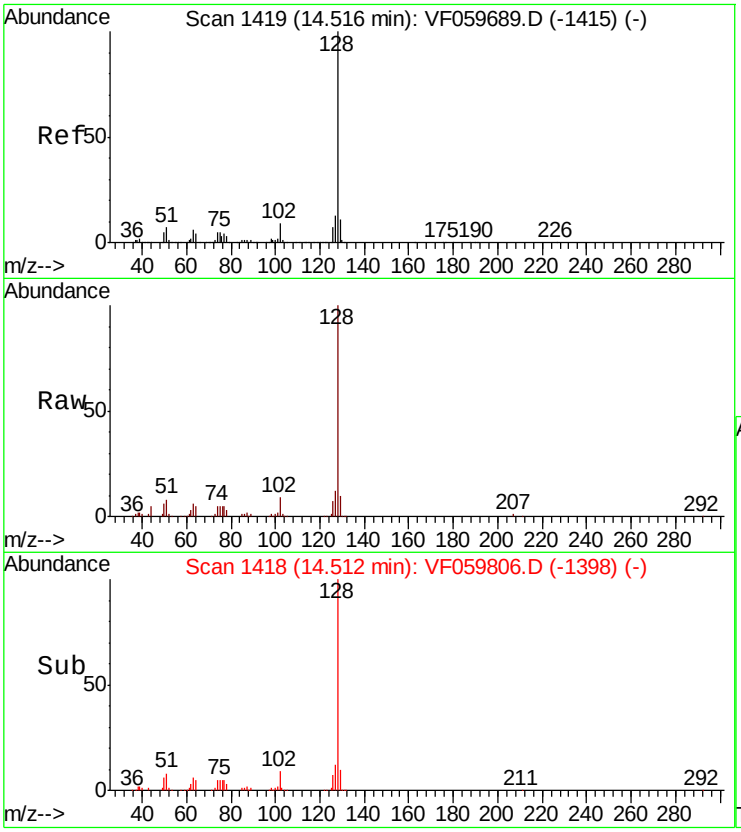


#93
1,2,4-Trichlorobenzene
Concen: Below Cal
RT: 14.26 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion:180 Resp: 949

Ion	Ratio	Lower	Upper
180	100		
182	83.3	47.2	141.6
145	0.0	19.3	57.9#





#95
Naphthalene
Concen: 10.805 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion:128 Resp: 75063

Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.0	15.0
129	10.4	8.6	13.0