Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
Data File : VF059708.D
Acq On : 31 Jul 2018 14:43
Operator : VA/AP
Sample : J4140-04
Misc : 13.16g/5mL/MSVOA F/SOIL
ALS Vial : 89 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jul 31 15:17:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:19:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	65516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	149627	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	64244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	6894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	127668	108.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 216.86%			
35) Dibromofluoromethane	4.28	113	111401	71.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 143.36%			
50) Toluene-d8	7.70	98	114440	31.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 63.16%			
62) 4-Bromofluorobenzene	11.51	95	14288	7.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 14.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.04	85	70	Below Cal	#	44
3) Chloromethane	1.10	50	933	Below Cal	#	38
4) Vinyl Chloride	1.26	62	213	Below Cal	#	47
5) Bromomethane	1.33	94	230	Below Cal	#	55
6) Chloroethane	1.43	64	74	Below Cal	#	35
10) Methyl Iodide	1.84	142	76	Below Cal	#	20
11) Tert butyl alcohol	2.67	59	454	8.151 ug/l	#	74
13) Acrolein	2.06	56	190	23.214 ug/l		94
15) Acrylonitrile	3.06	53	160	2.166 ug/l	#	39
16) Acetone	2.33	43	14591	68.894 ug/l		99
17) Carbon Disulfide	1.90	76	591	Below Cal	#	36
18) Methyl Acetate	2.44	43	2032	1.351 ug/l		98
20) Methylene Chloride	2.27	84	1435	Below Cal		90
21) trans-1,2-Dichloroethene	2.40	96	105	Below Cal	#	52
23) Vinyl Acetate	3.31	43	1011	1.148 ug/l	#	83
25) 2-Butanone	4.52	43	777	3.287 ug/l	#	74
28) Bromochloromethane	3.88	49	73	Below Cal	#	15
29) Tetrahydrofuran	4.27	42	326	3.589 ug/l	#	58
31) Cyclohexane	3.87	56	73	Below Cal	#	15
36) 1,1-Dichloropropene	4.40	75	204	Below Cal	#	46
37) Ethyl Acetate	4.29	43	137	Below Cal	#	19
39) Methylcyclohexane	5.63	83	77	Below Cal	#	13
41) Methacrylonitrile	4.92	41	183	Below Cal	#	24
51) 4-Methyl-2-Pentanone	8.40	43	739	1.086 ug/l	#	26
52) Toluene	7.75	92	200	Below Cal	#	44
59) 2-Hexanone	9.64	43	2014	3.693 ug/l	#	63
68) m/p-Xylenes	10.26	106	476	Below Cal	#	1
74) N-amyl acetate	11.47	43	1485	13.012 ug/l	#	66
75) 1,1,2,2-Tetrachloroethane	11.76	83	202	2.372 ug/l	#	25
76) 1,2,3-Trichloropropane	11.89	75	128	1.768 ug/l	#	39
77) Bromobenzene	11.59	156	372	3.149 ug/l	#	54
78) n-propylbenzene	11.69	91	876	Below Cal	#	54
79) 2-Chlorotoluene	11.81	91	290	Below Cal	#	56
80) 1,3,5-Trimethylbenzene	11.91	105	883	Below Cal		69

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
Data File : VF059708.D
Acq On : 31 Jul 2018 14:43
Operator : VA/AP
Sample : J4140-04
Misc : 13.16g/5mL/MSVOA F/SOIL
ALS Vial : 89 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jul 31 15:17:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:19:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.95	75	62	2.068 ug/l #	9
82) 4-Chlorotoluene	11.99	91	798	Below Cal #	44
84) 1,2,4-Trimethylbenzene	12.29	105	571	Below Cal	78
85) sec-Butylbenzene	12.39	105	514	Below Cal #	57
86) p-Isopropyltoluene	12.54	119	410	Below Cal #	10
87) 1,3-Dichlorobenzene	12.55	146	653	Below Cal #	52
88) 1,4-Dichlorobenzene	12.64	146	1098	1.692 ug/l #	42
89) n-Butylbenzene	12.91	91	620	Below Cal #	59
91) 1,2-Dichlorobenzene	13.02	146	399	Below Cal	74
92) 1,2-Dibromo-3-Chloropropan	13.74	75	86	4.131 ug/l #	9
93) 1,2,4-Trichlorobenzene	14.26	180	1209	3.611 ug/l	67
94) Hexachlorobutadiene	14.25	225	125	1.105 ug/l #	19
95) Naphthalene	14.52	128	4252	14.305 ug/l	96
96) 1,2,3-Trichlorobenzene	14.66	180	964	5.868 ug/l #	55

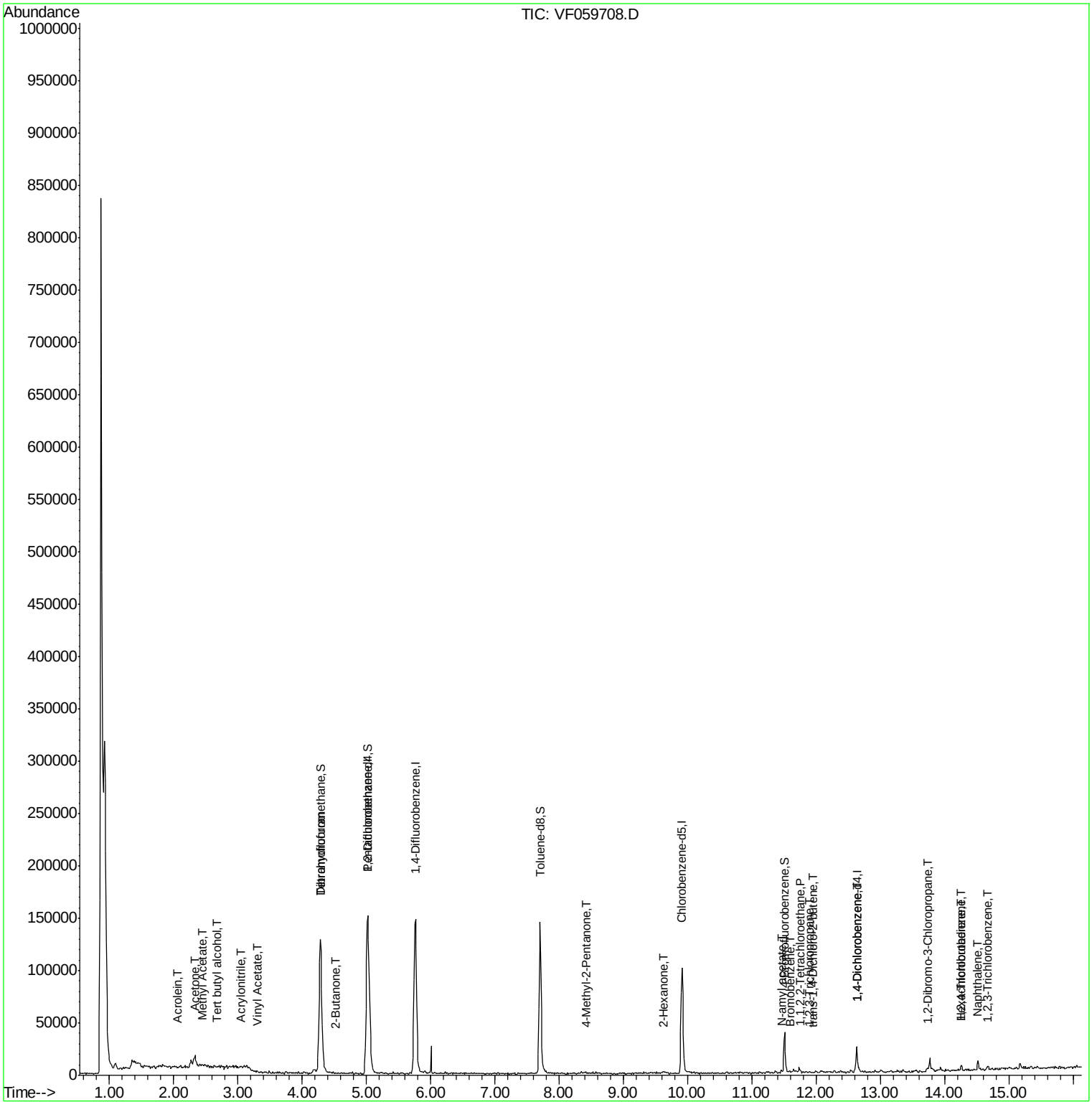
(#) = qualifier out of range (m) = manual integration (+) = signals summed

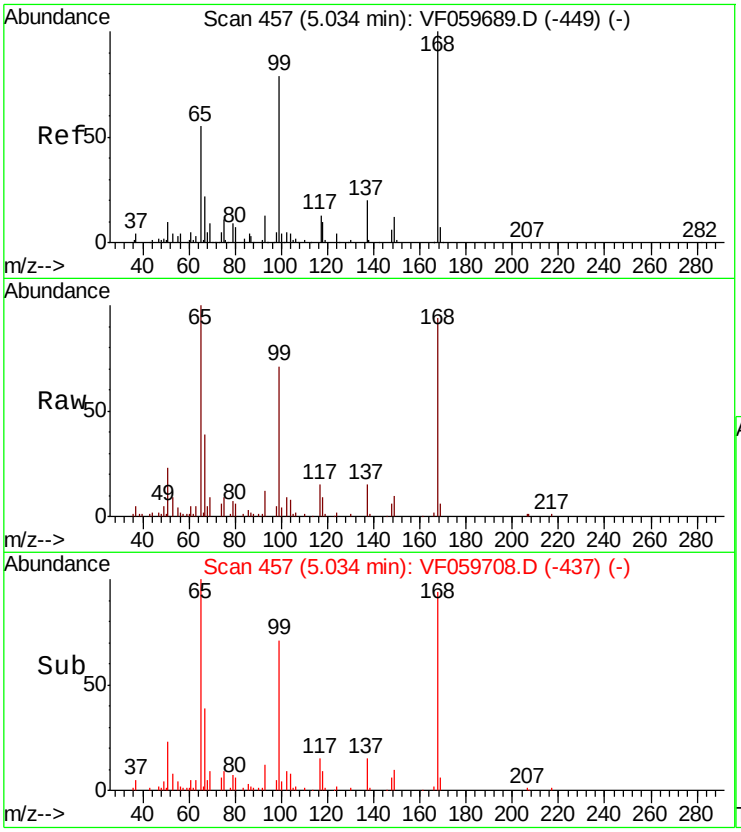
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
Data File : VF059708.D
Acq On : 31 Jul 2018 14:43
Operator : VA/AP
Sample : J4140-04
Misc : 13.16g/5mL/MSVOA F/SOIL
ALS Vial : 89 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jul 31 15:17:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:19:18 2018
Response via : Initial Calibration



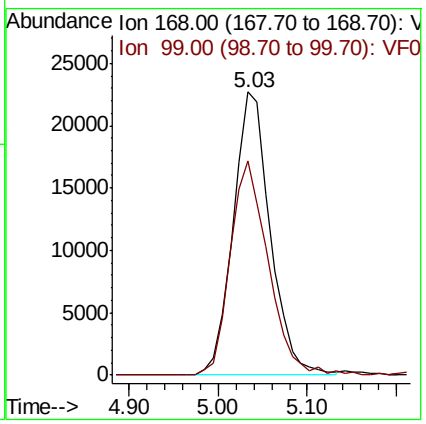


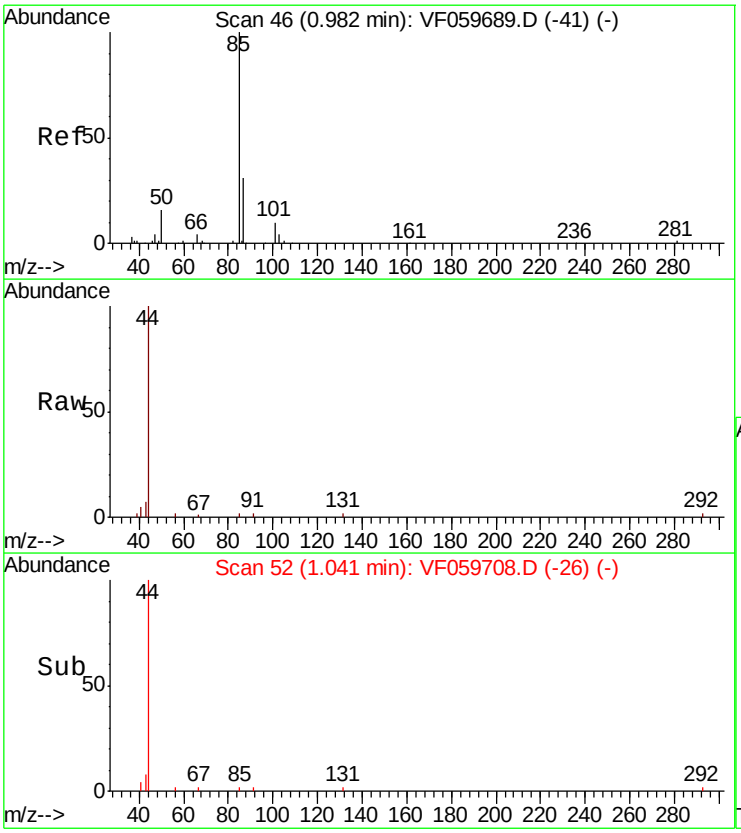
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 457
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 65516

Ion	Ratio	Lower	Upper
168	100		
99	75.8	63.3	94.9

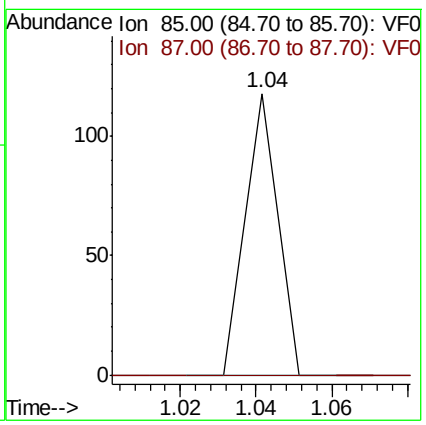


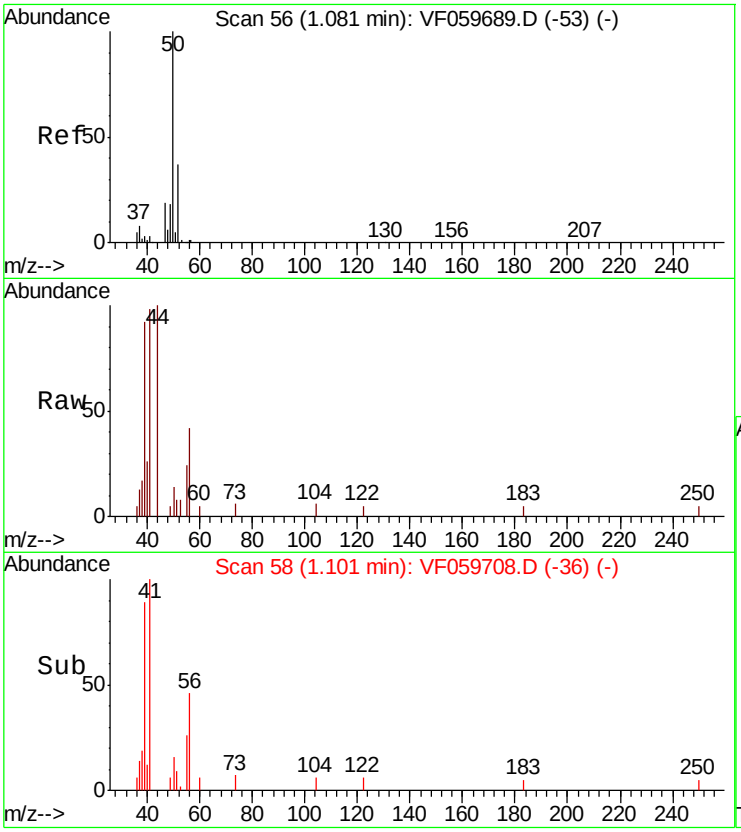


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.04 min Scan# 52
Delta R.T. 0.06 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 85 Resp: 70

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.3	45.8#



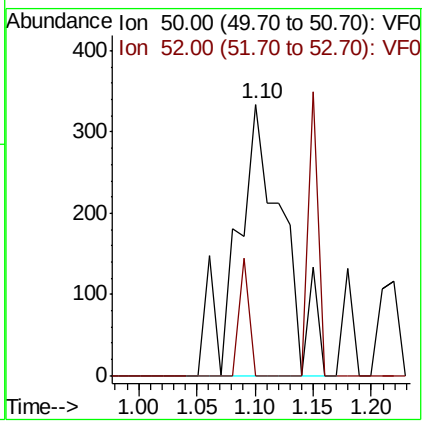


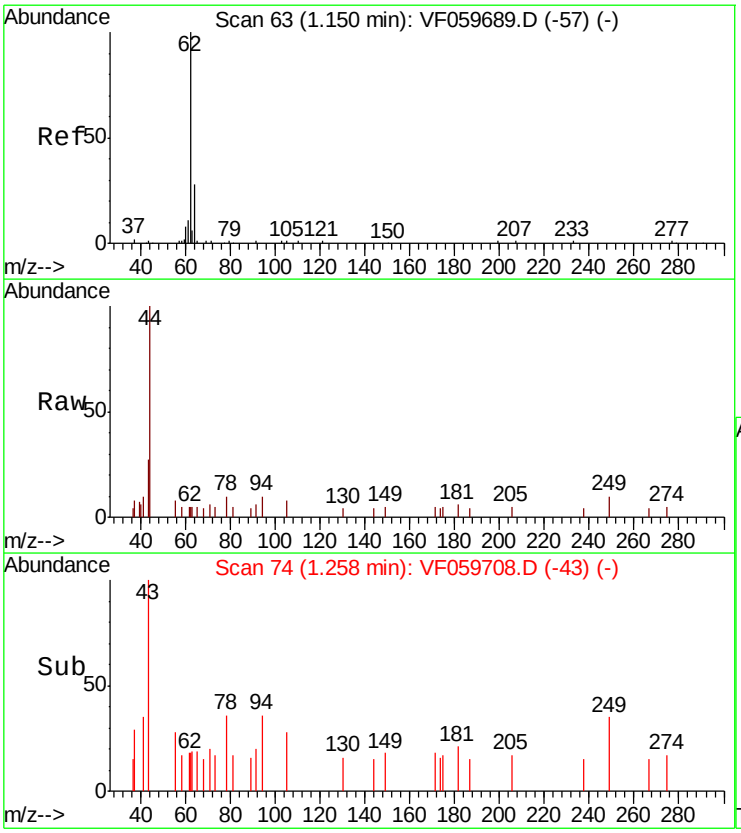
#3
Chloromethane
Concen: Below Cal
RT: 1.10 min Scan# 58
Delta R.T. 0.02 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 50 Resp: 933

Ion	Ratio	Lower	Upper
50	100		
52	0.0	29.1	43.7#

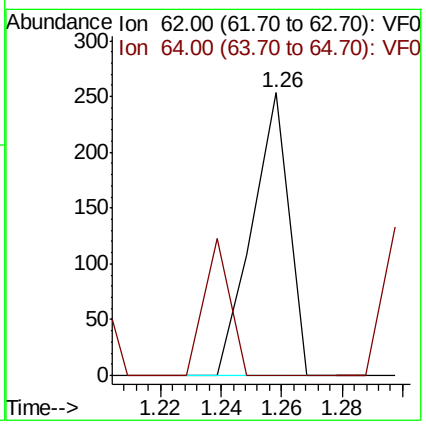


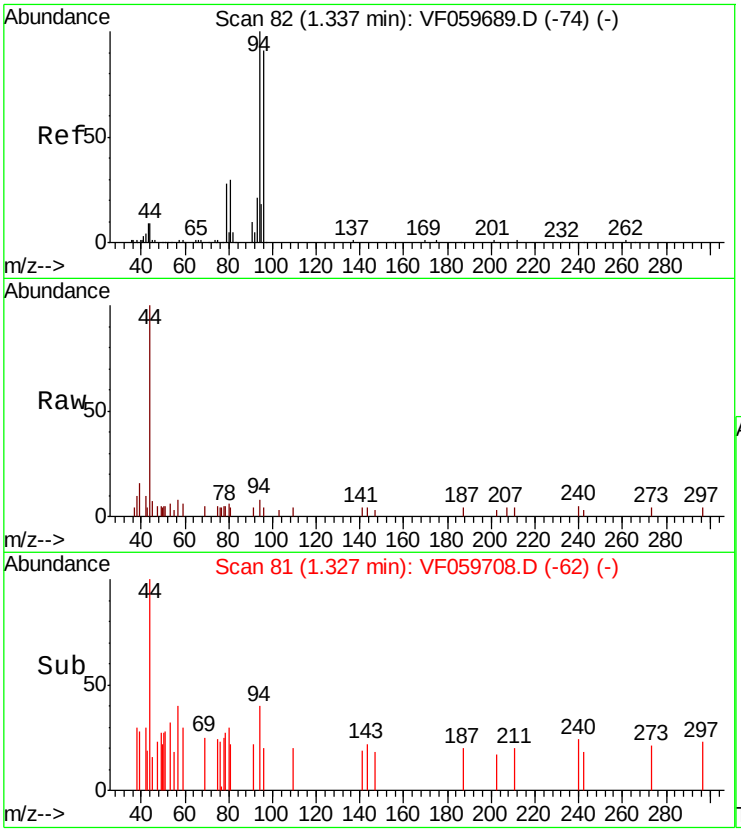


#4
Vinyl Chloride
Concen: Below Cal
RT: 1.26 min Scan# 74
Delta R.T. 0.11 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 62 Resp: 213

Ion	Ratio	Lower	Upper
62	100		
64	0.0	22.6	33.8#



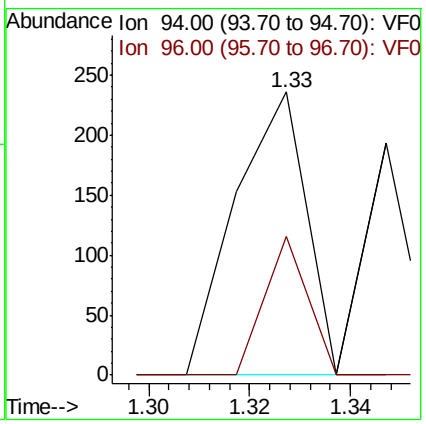


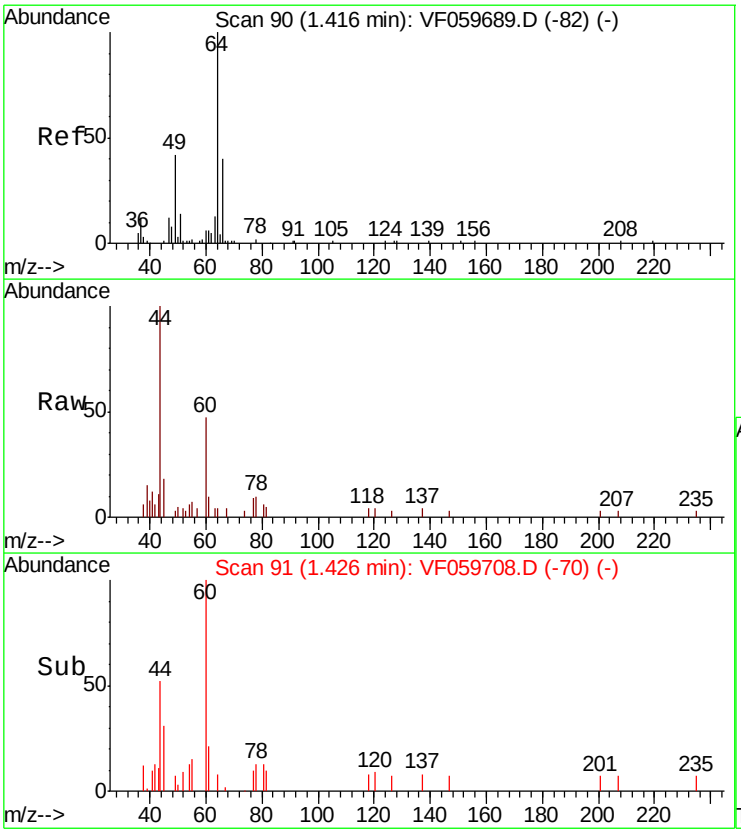
#5
Bromomethane
Concen: Below Cal
RT: 1.33 min Scan# 81
Delta R.T. -0.01 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 94 Resp: 230

Ion	Ratio	Lower	Upper
94	100		
96	49.2	73.6	110.4#

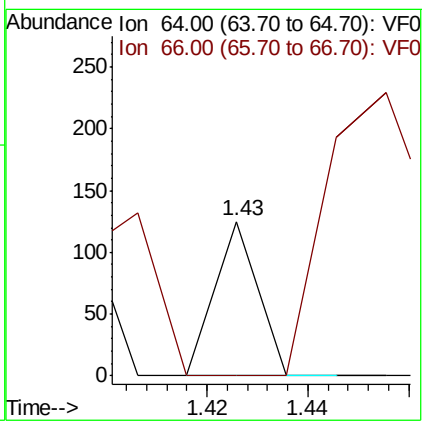


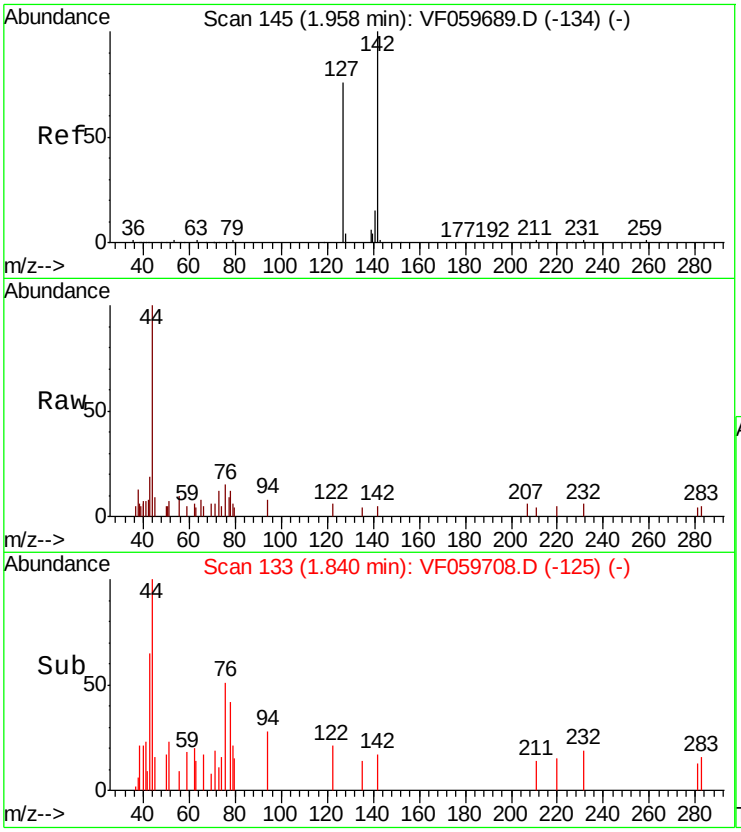


#6
Chloroethane
Concen: Below Cal
RT: 1.43 min Scan# 91
Delta R.T. 0.01 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 64 Resp: 74

Ion	Ratio	Lower	Upper
64	100		
66	0.0	32.6	49.0#



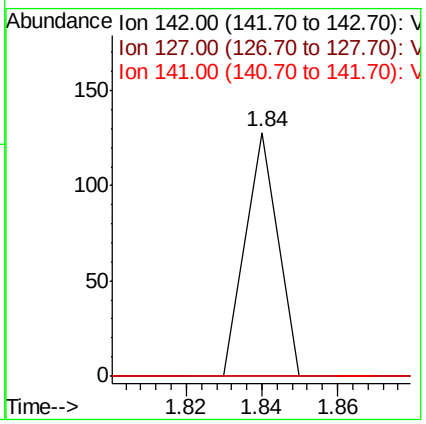


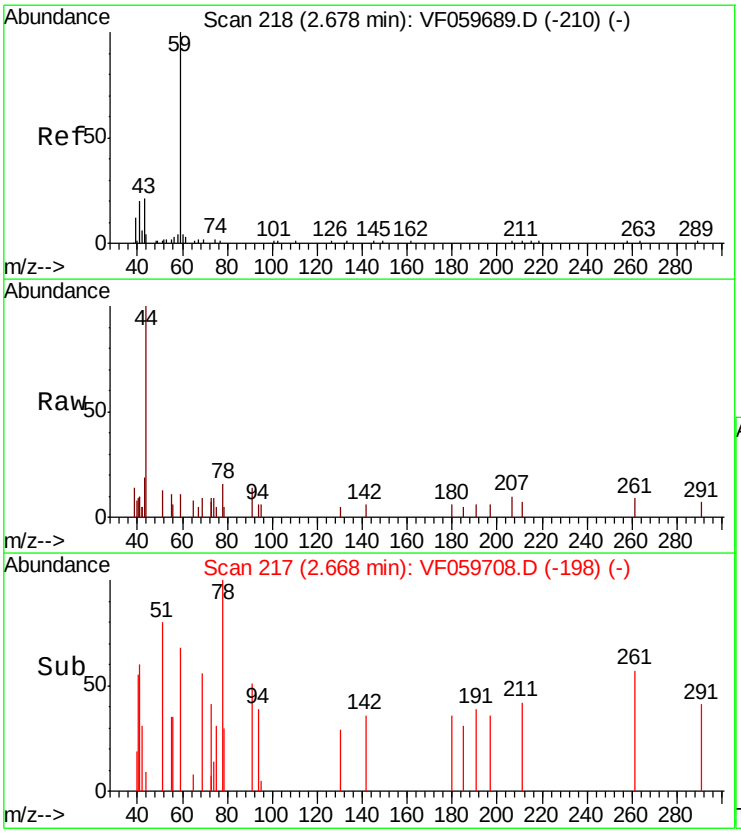
#10
Methyl Iodide
Concen: Below Cal
RT: 1.84 min Scan# 133
Delta R.T. -0.12 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:142 Resp: 76

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

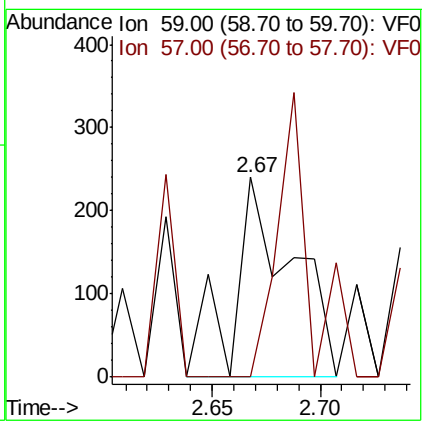


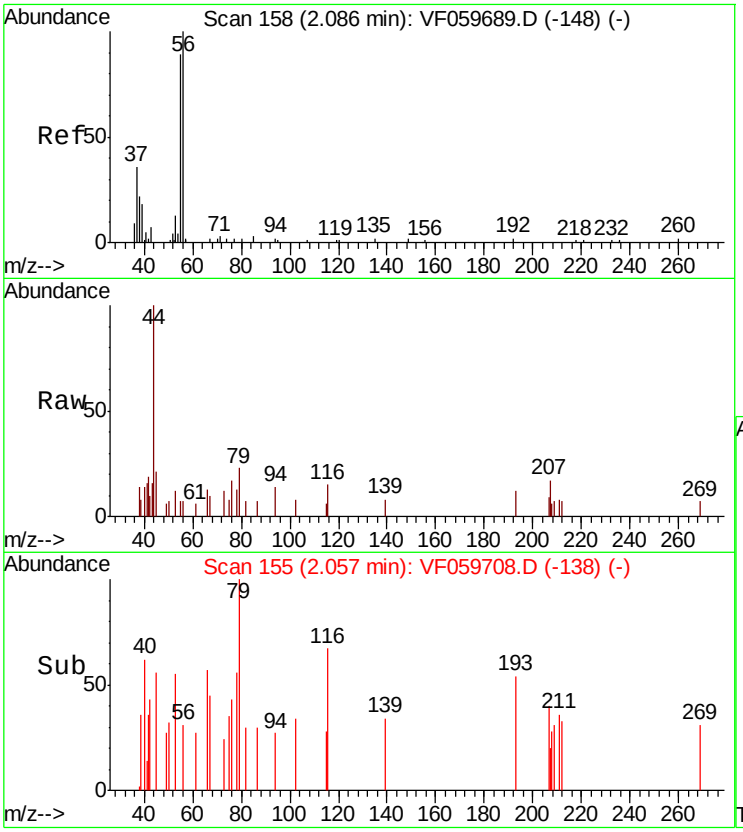


#11
Tert butyl alcohol
Concen: 8.151 ug/l
RT: 2.67 min Scan# 217
Delta R.T. -0.01 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 59 Resp: 454

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#



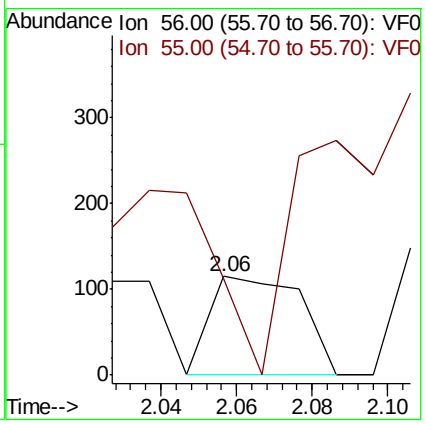


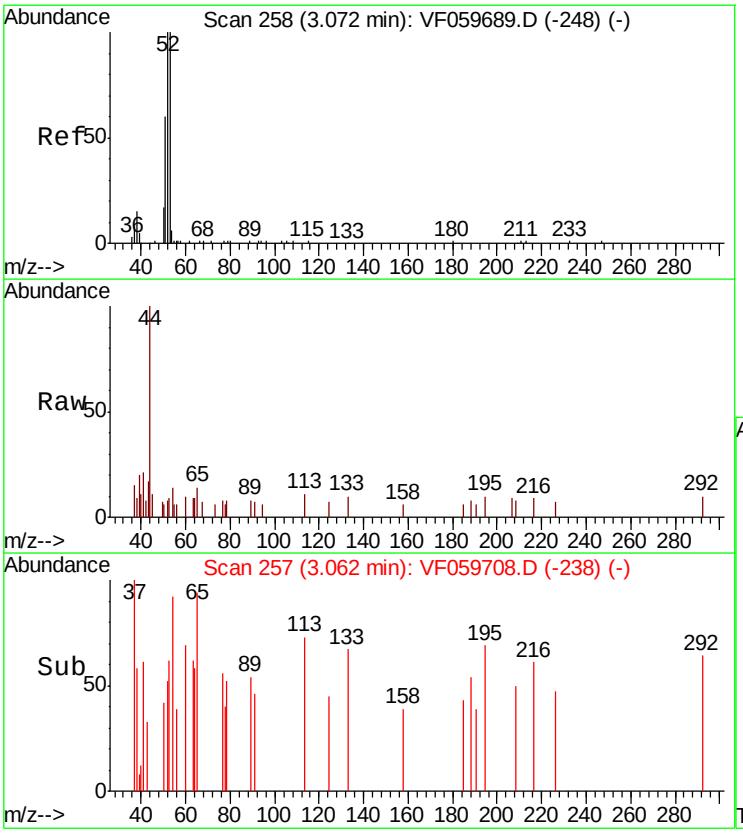
#13
Acrolein
Concen: 23.214 ug/l
RT: 2.06 min Scan# 155
Delta R.T. -0.03 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 190

Ion	Ratio	Lower	Upper
56	100		
55	97.4	73.2	109.8

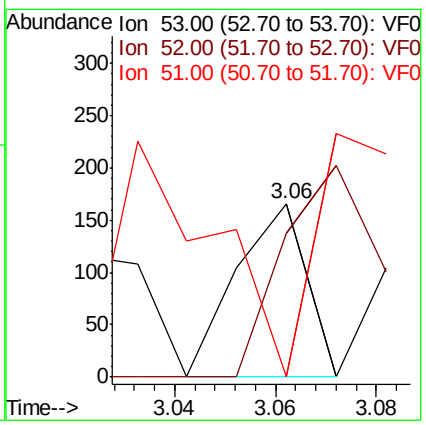


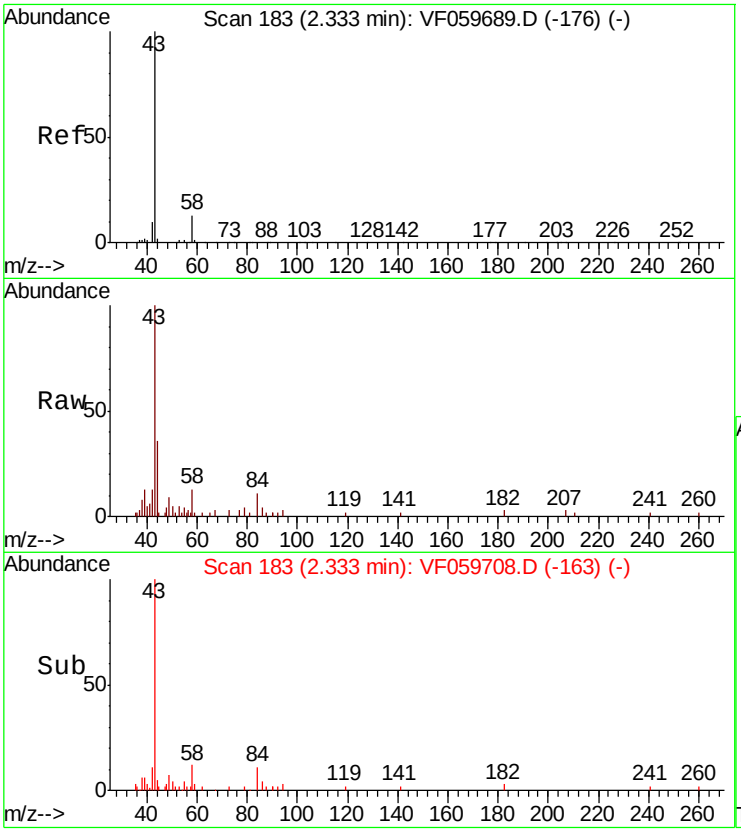


#15
Acrylonitrile
Concen: 2.166 ug/l
RT: 3.06 min Scan# 257
Delta R.T. -0.01 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 53 Resp: 160

Ion	Ratio	Lower	Upper
53	100		
52	182.5	80.3	120.5#
51	82.5	49.4	74.0#



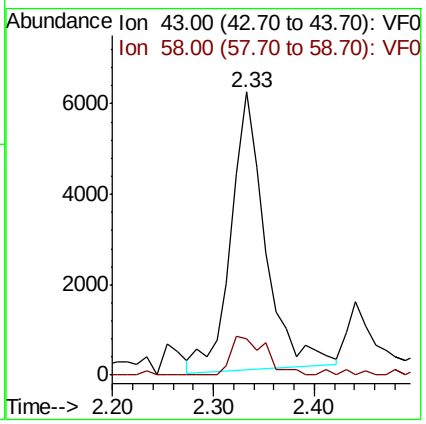


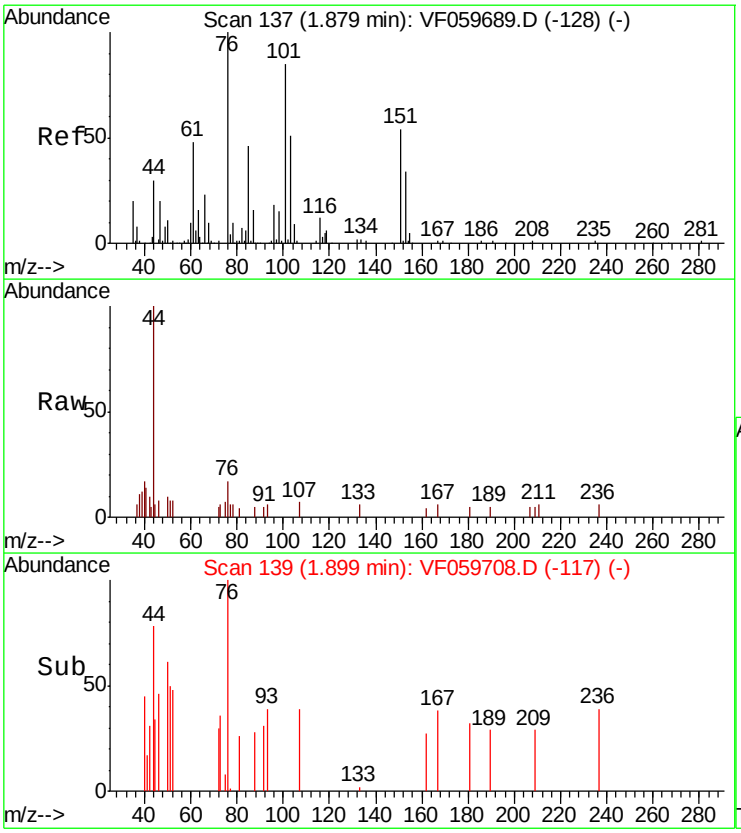
#16
Acetone
Concen: 68.894 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 14591

Ion	Ratio	Lower	Upper
43	100		
58	13.0	10.1	15.1

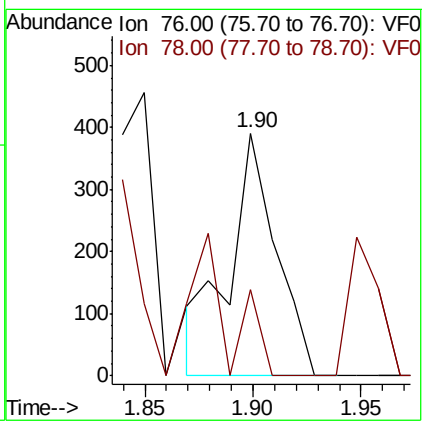


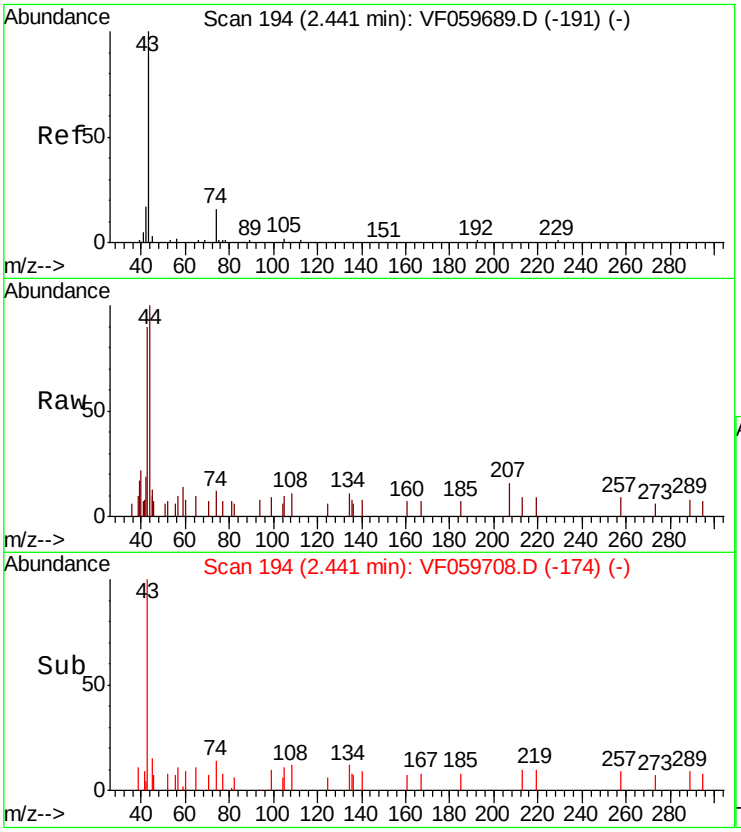


#17
Carbon Disulfide
Concen: Below Cal
RT: 1.90 min Scan# 139
Delta R.T. 0.02 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 76 Resp: 591

Ion	Ratio	Lower	Upper
76	100		
78	35.3	8.9	13.3#



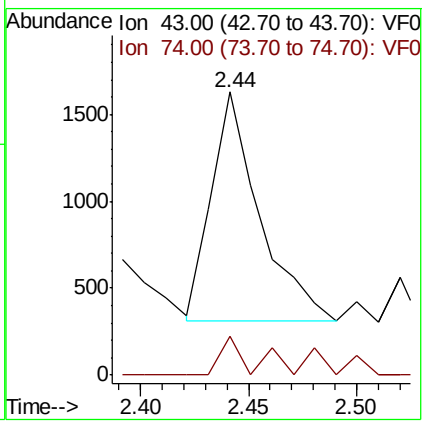


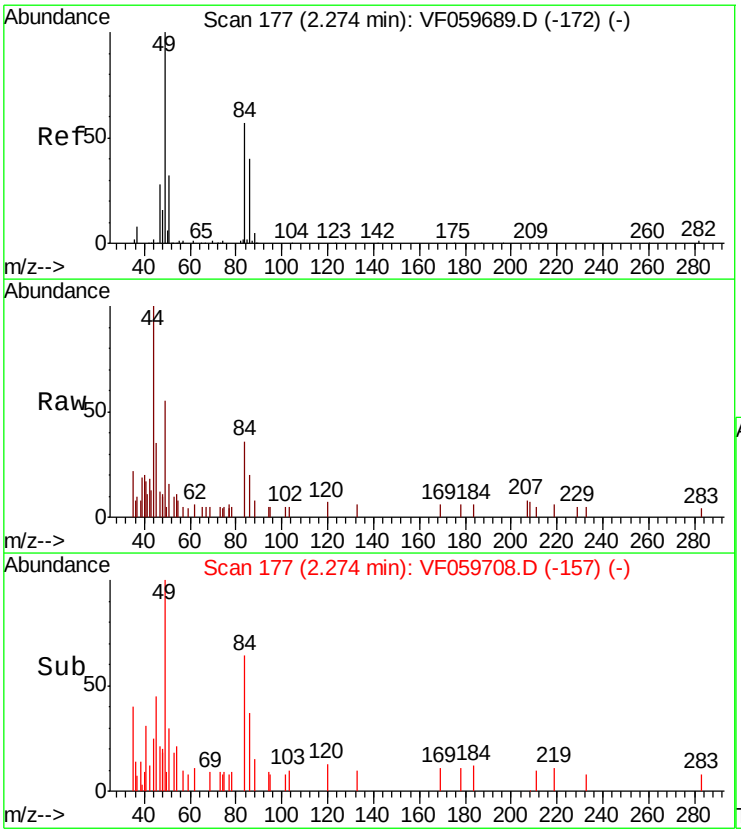
#18
Methyl Acetate
Concen: 1.351 ug/l
RT: 2.44 min Scan# 194
Delta R.T. 0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2032

Ion	Ratio	Lower	Upper
43	100		
74	13.9	11.8	17.6

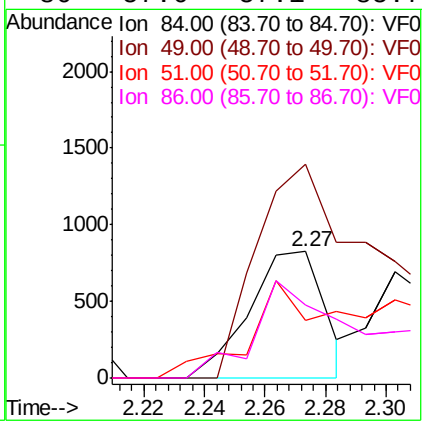


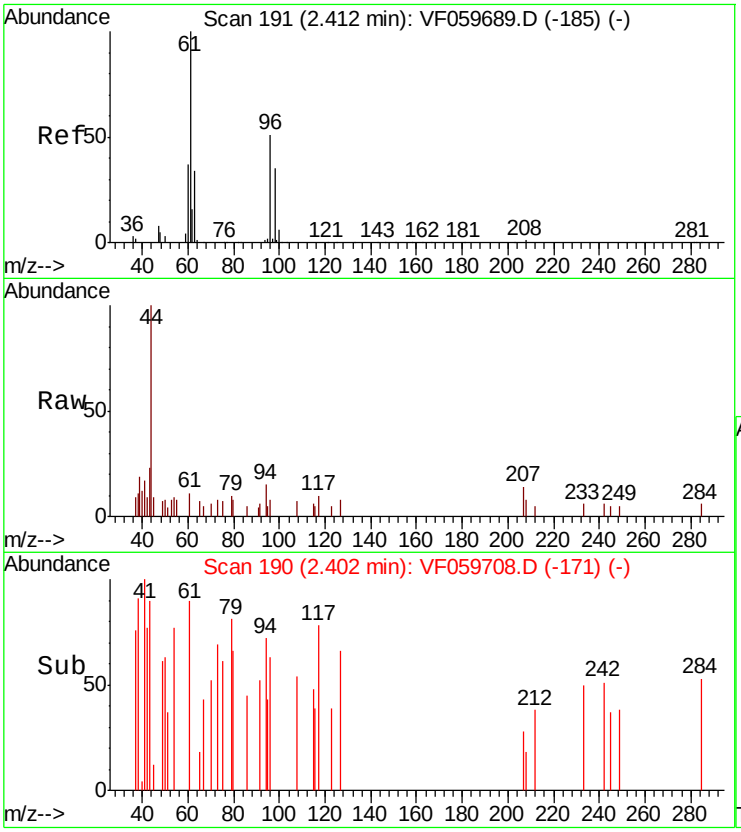


#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 84 Resp: 1435

Ion	Ratio	Lower	Upper
84	100		
49	169.4	142.2	213.4
51	46.2	46.2	69.2
86	57.6	57.1	85.7



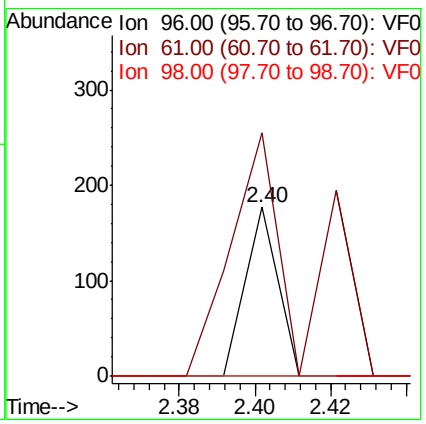


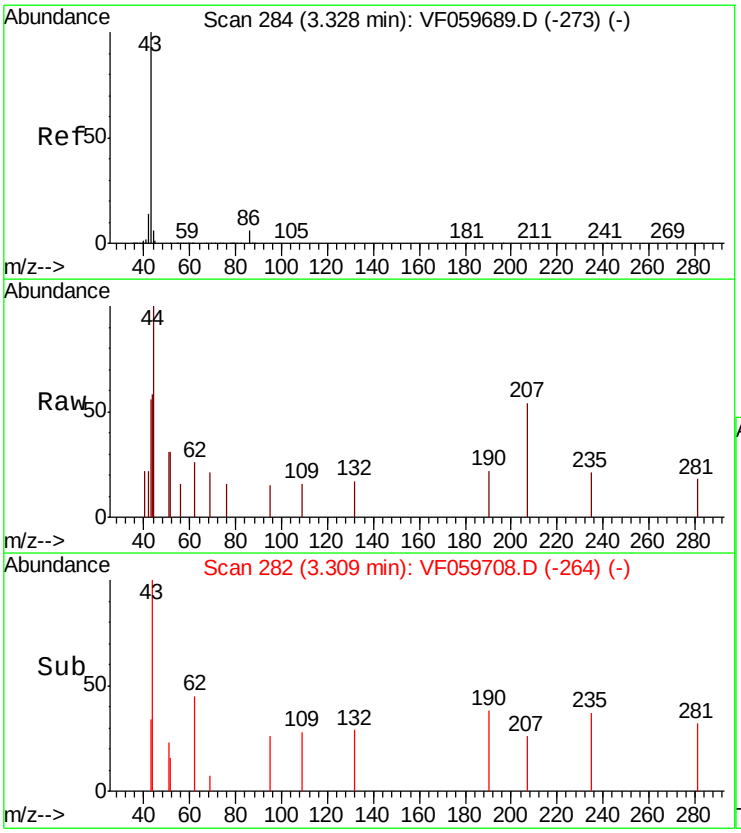
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.40 min Scan# 190
Delta R.T. -0.01 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 96 Resp: 105

Ion	Ratio	Lower	Upper
96	100		
61	144.1	157.4	236.0#
98	0.0	55.0	82.4#

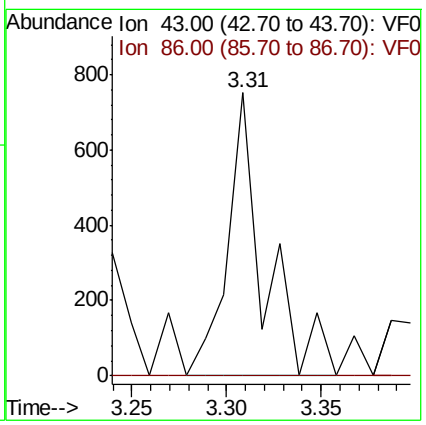


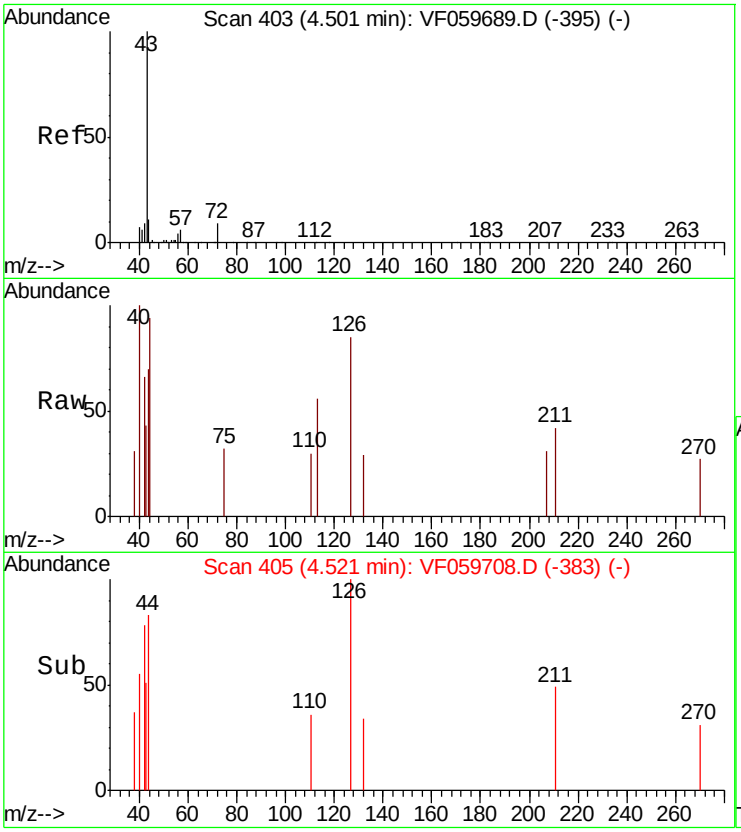


#23
Vinyl Acetate
Concen: 1.148 ug/l
RT: 3.31 min Scan# 282
Delta R.T. -0.02 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 43 Resp: 1011

Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.6	6.8#



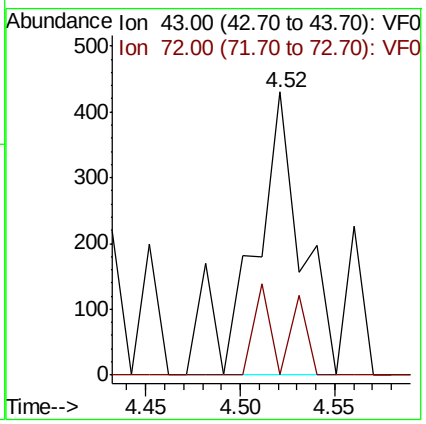


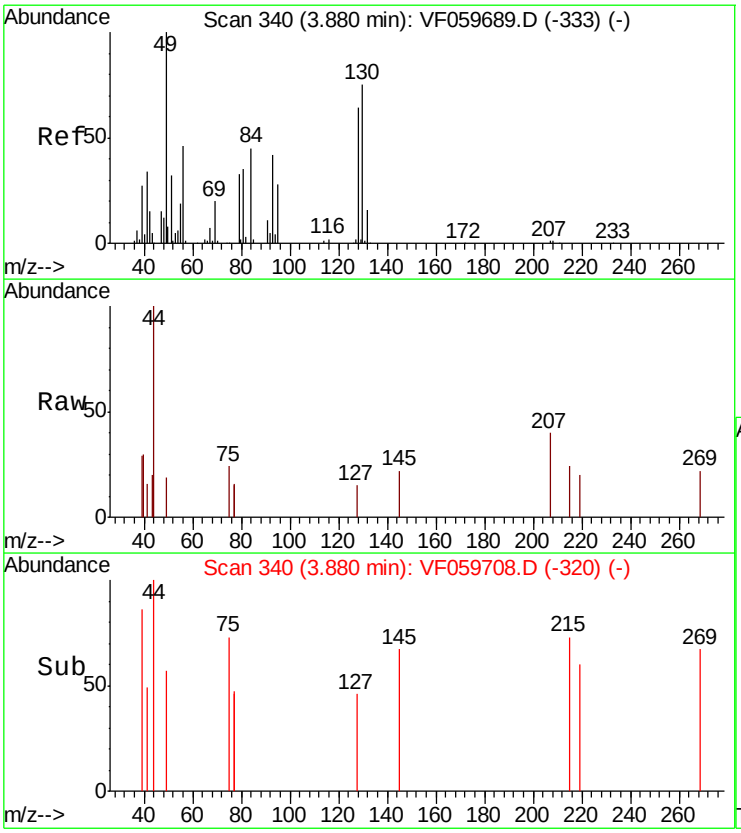
#25
2-Butanone
Concen: 3.287 ug/l
RT: 4.52 min Scan# 405
Delta R.T. 0.02 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 777

Ion	Ratio	Lower	Upper
43	100		
72	0.0	7.7	11.5#

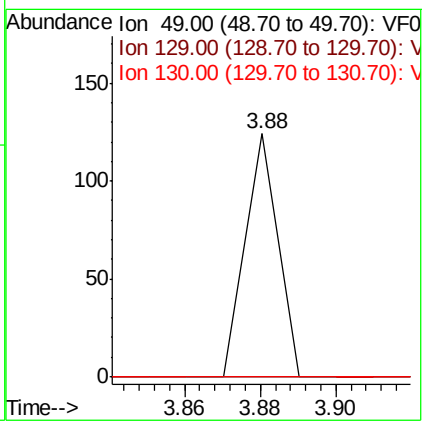


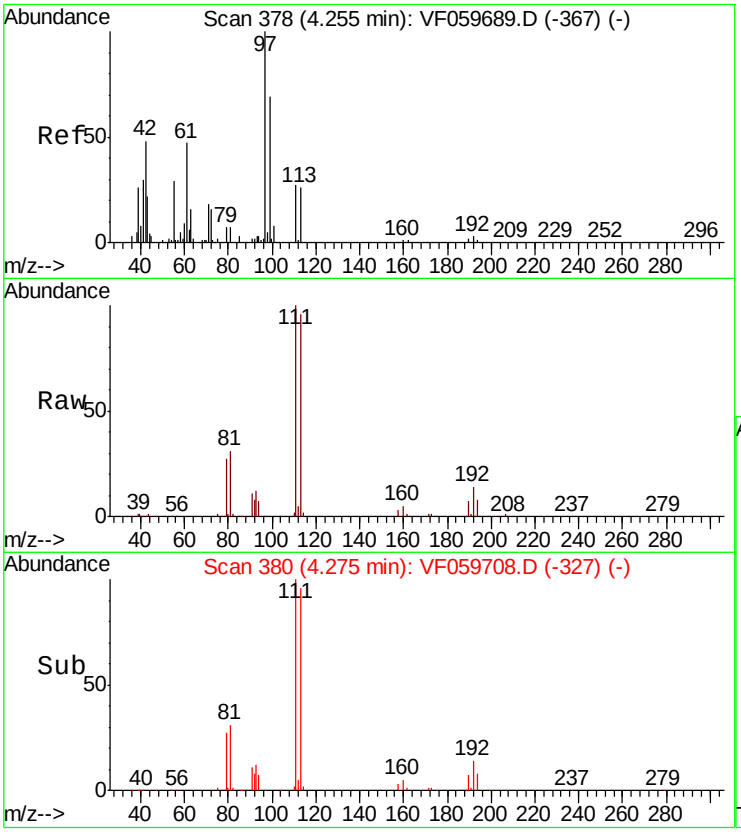


#28
Bromochloromethane
Concen: Below Cal
RT: 3.88 min Scan# 340
Delta R.T. 0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 49 Resp: 73

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



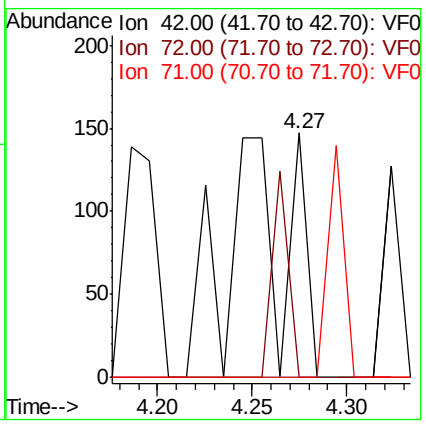


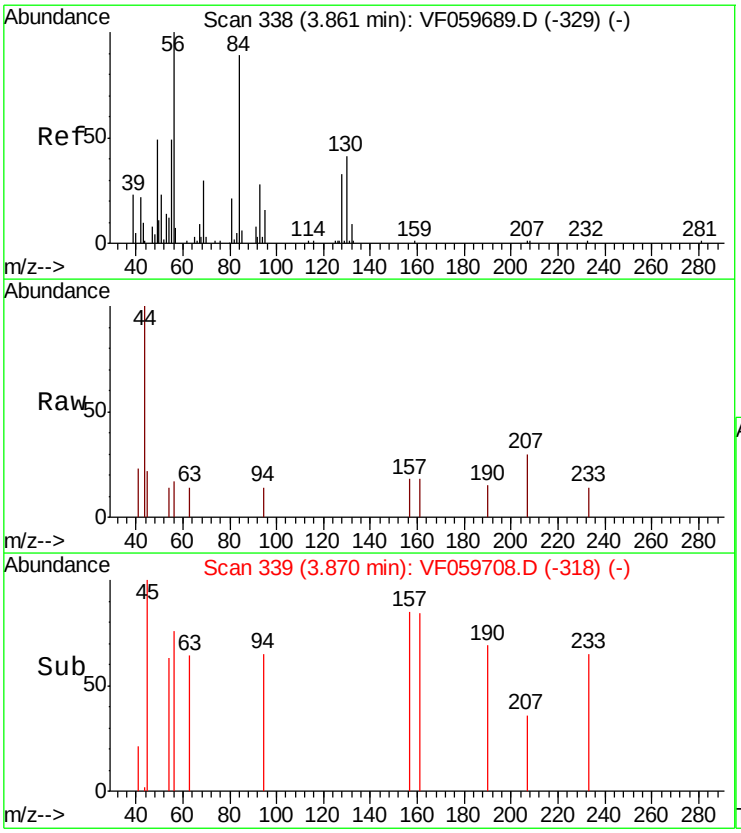
#29
Tetrahydrofuran
Concen: 3.589 ug/l
RT: 4.27 min Scan# 380
Delta R.T. 0.02 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 326

Ion	Ratio	Lower	Upper
42	100		
72	22.4	27.0	40.6#
71	0.0	29.7	44.5#

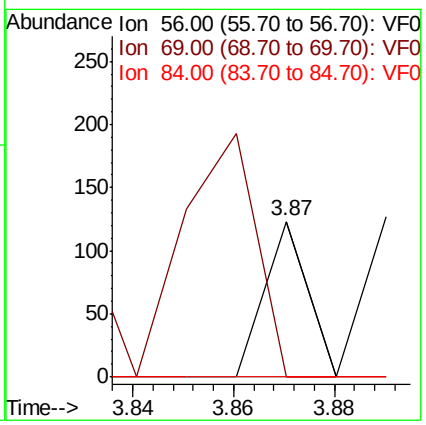


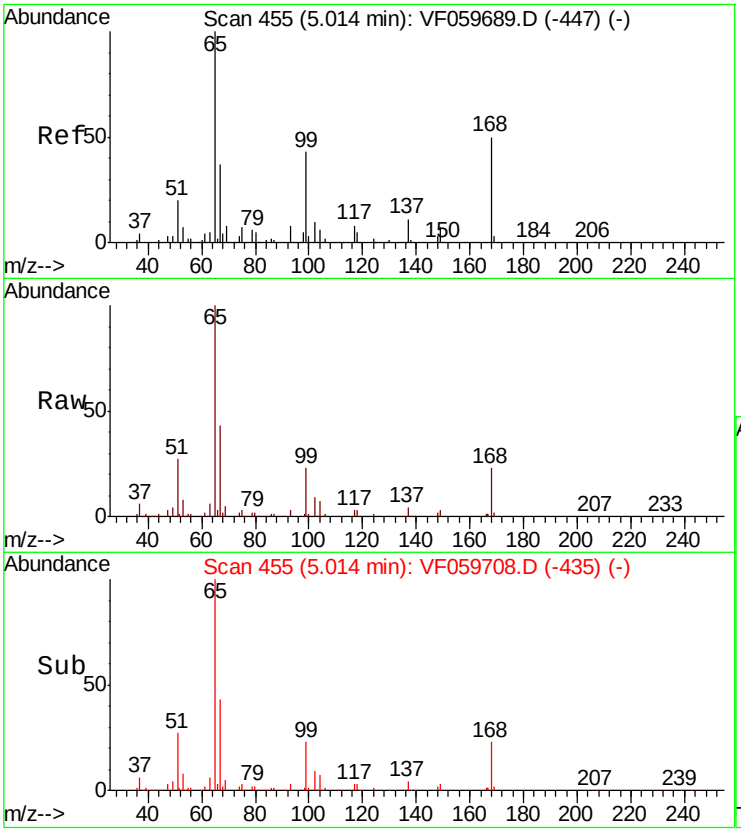


#31
Cyclohexane
Concen: Below Cal
RT: 3.87 min Scan# 339
Delta R.T. 0.01 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 56 Resp: 73

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



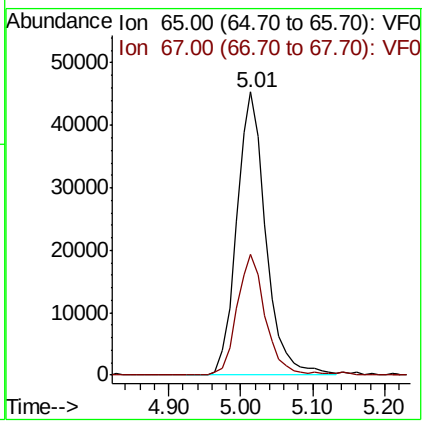


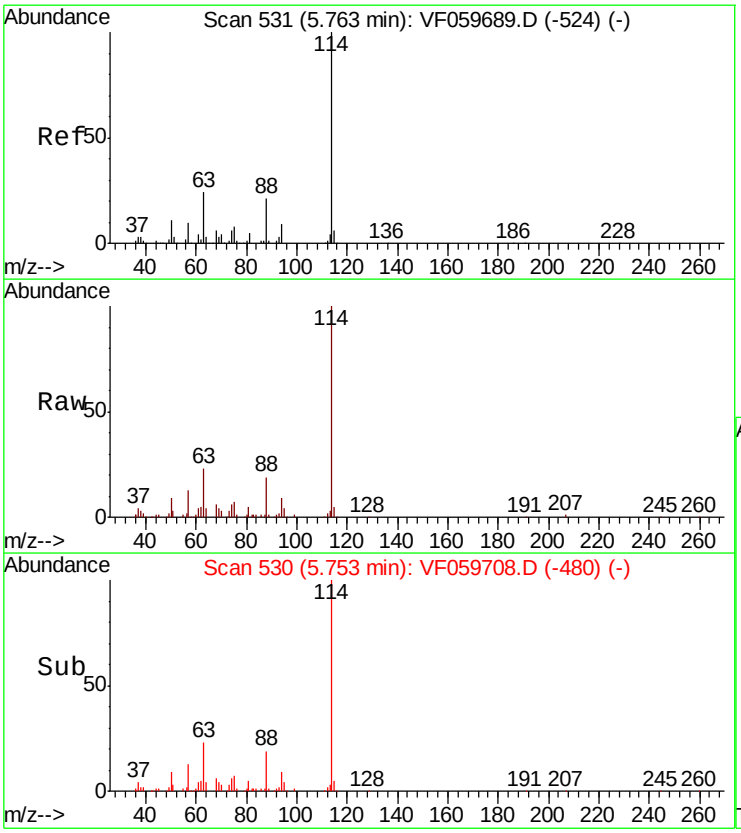
#33
1,2-Dichloroethane-d4
Concen: 108.428 ug/l
RT: 5.01 min Scan# 455
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 127668

Ion	Ratio	Lower	Upper
65	100		
67	42.7	0.0	84.6

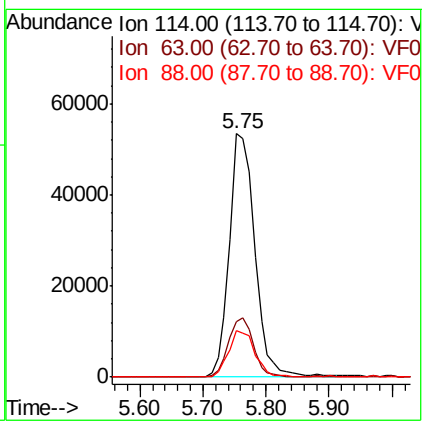


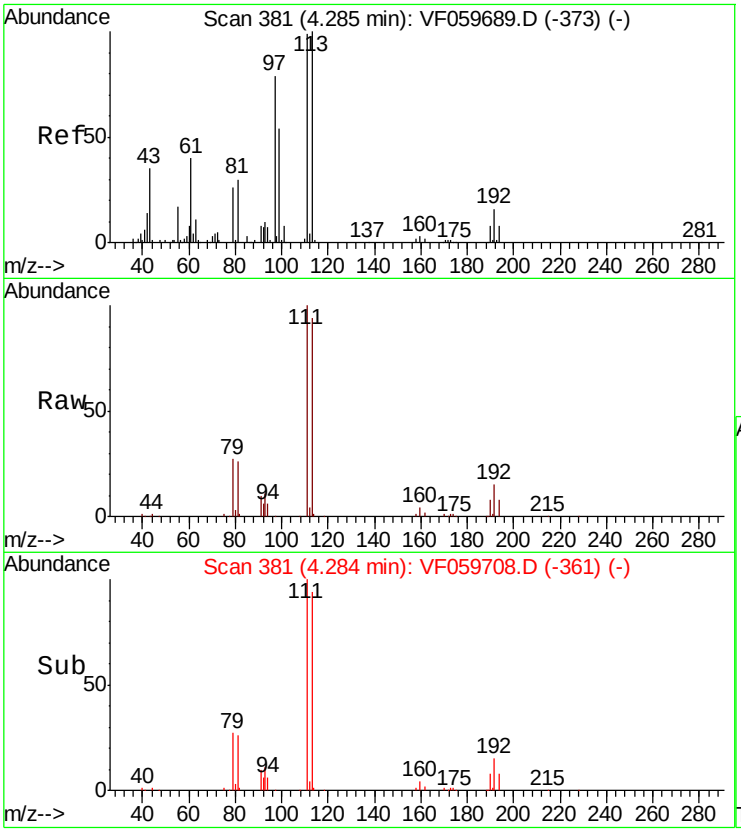


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 530
Delta R.T. -0.01 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion:114 Resp: 149627

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	47.4
88	19.1	0.0	41.2



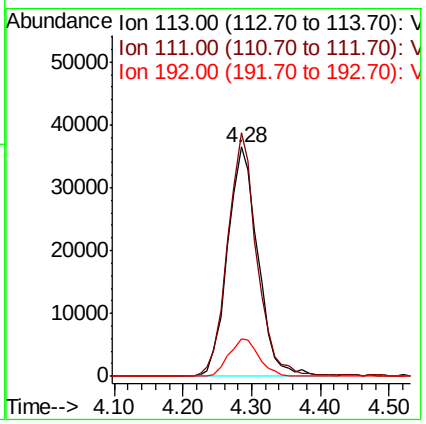


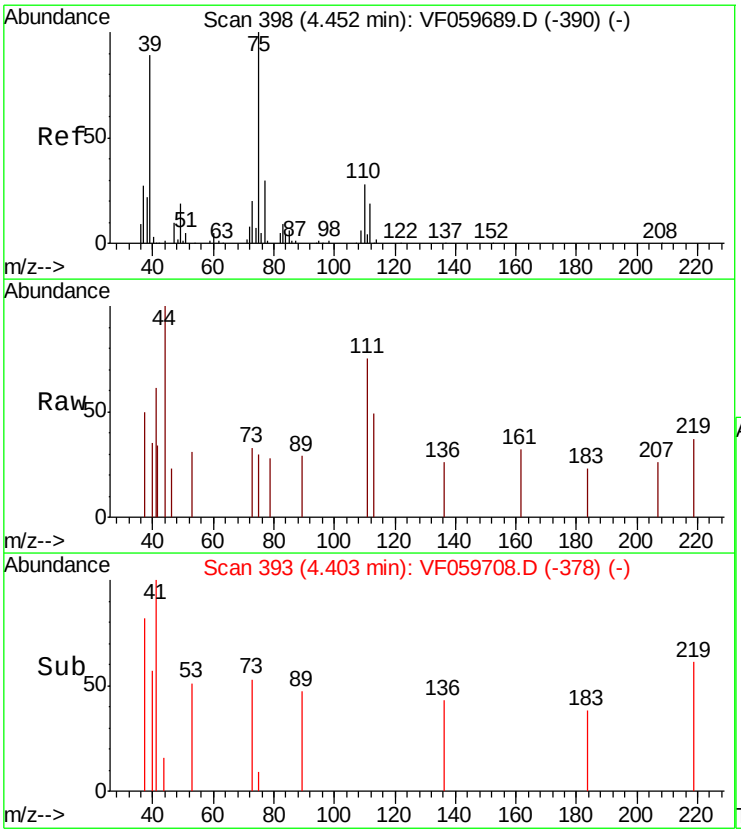
#35
Dibromofluoromethane
Concen: 71.682 ug/l
RT: 4.28 min Scan# 381
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 111401

Ion	Ratio	Lower	Upper
113	100		
111	106.3	79.0	118.4
192	16.4	13.2	19.8

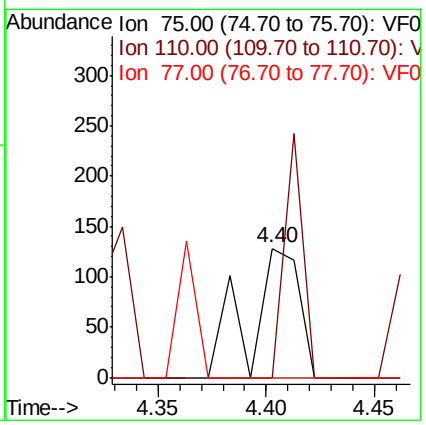


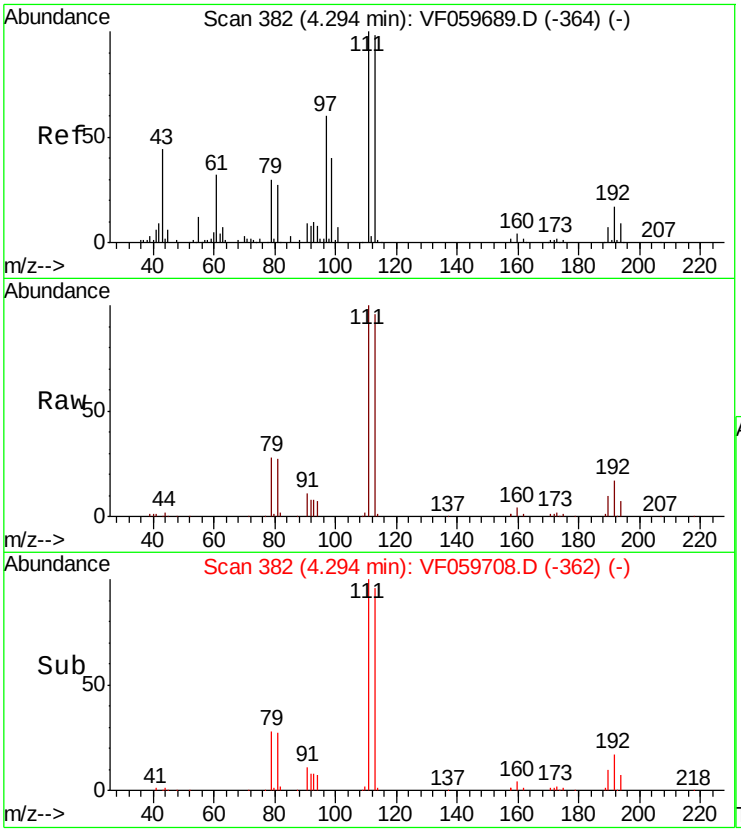


#36
1,1-Dichloropropene
Concen: Below Cal
RT: 4.40 min Scan# 393
Delta R.T. -0.05 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 75 Resp: 204

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



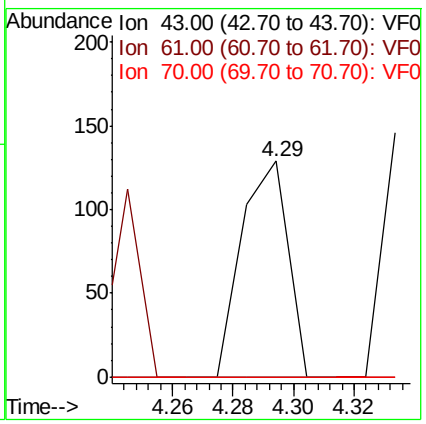


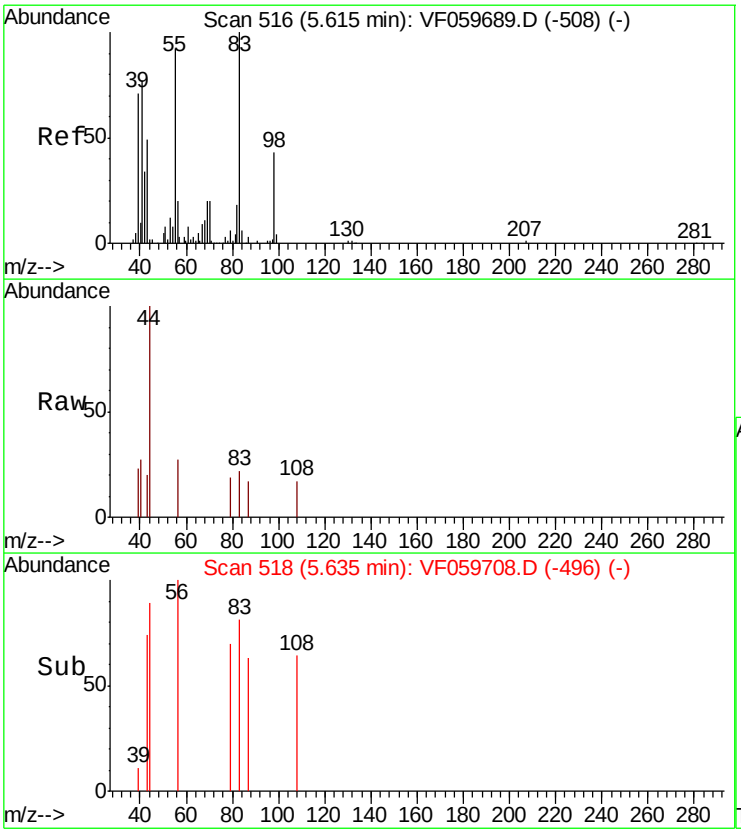
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 137

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

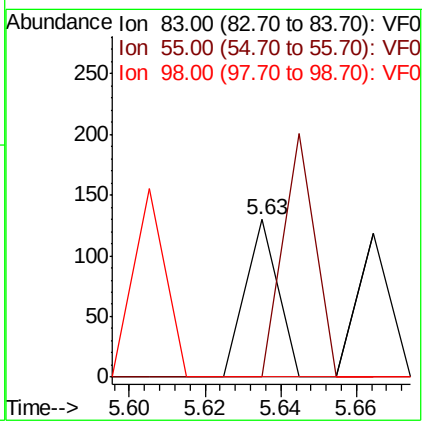


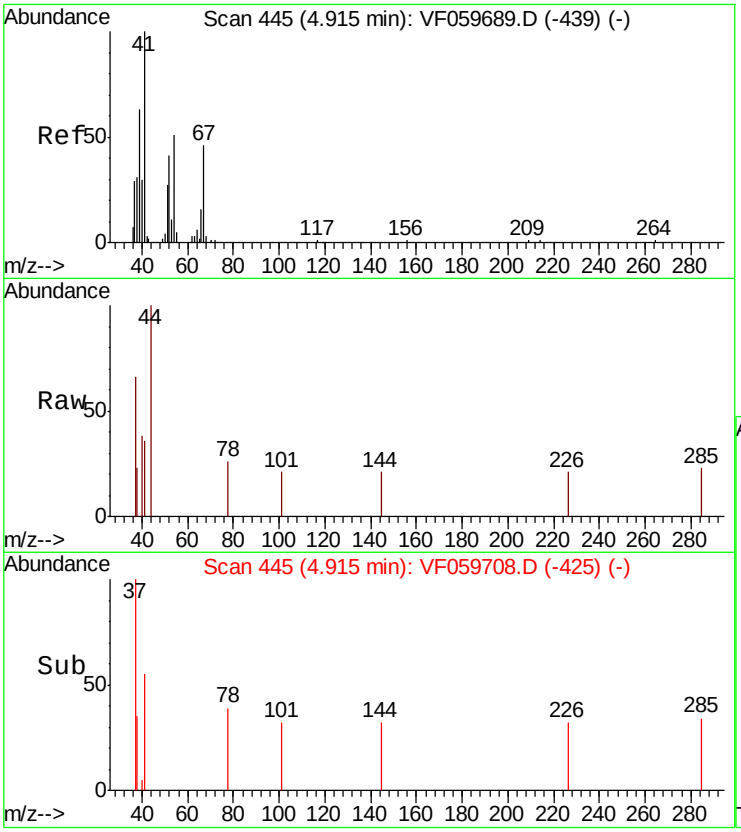


#39
Methylcyclohexane
Concen: Below Cal
RT: 5.63 min Scan# 518
Delta R.T. 0.02 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 83 Resp: 77

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



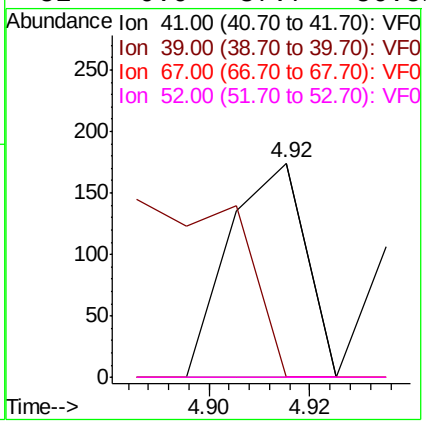


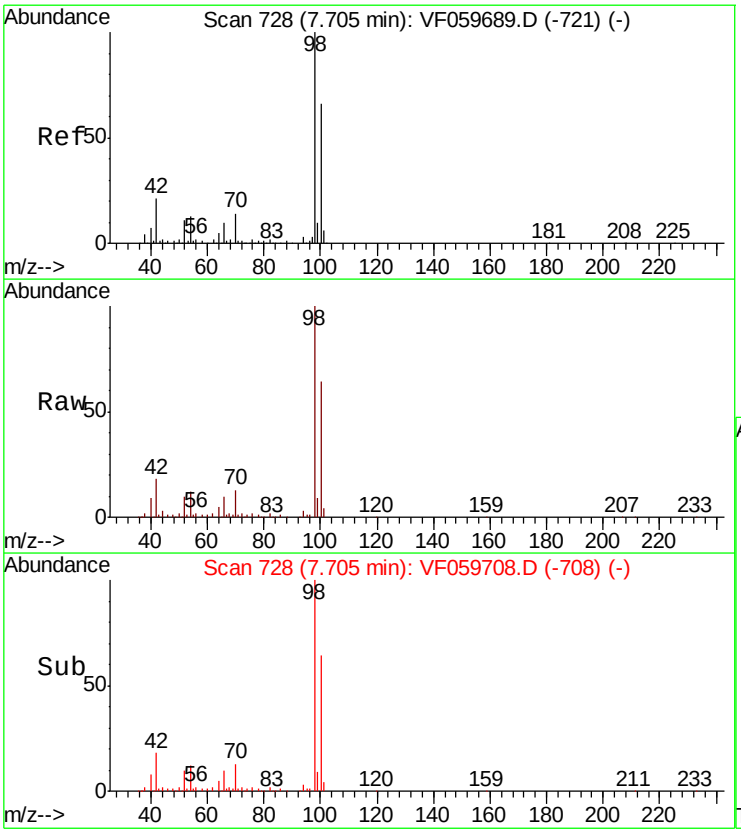
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.92 min Scan# 445
Delta R.T. 0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 183

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

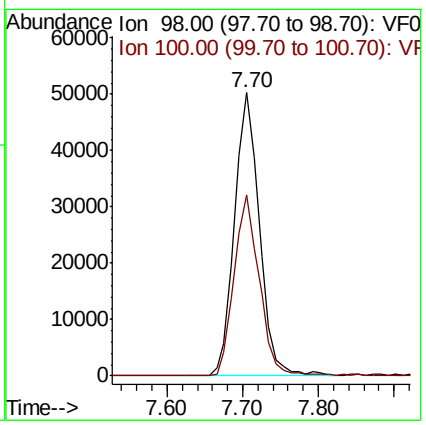


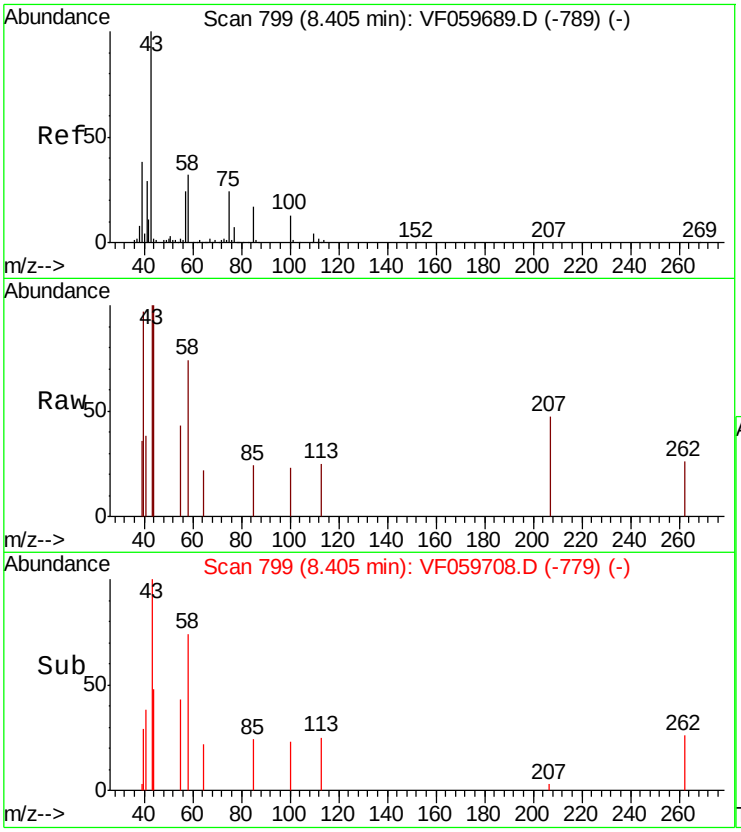


#50
Toluene-d8
Concen: 31.578 ug/l
RT: 7.70 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 98 Resp: 114440

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.8	79.2



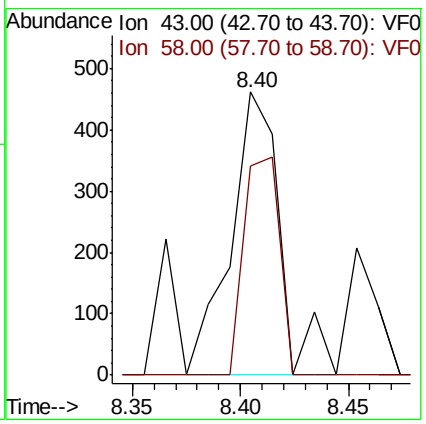


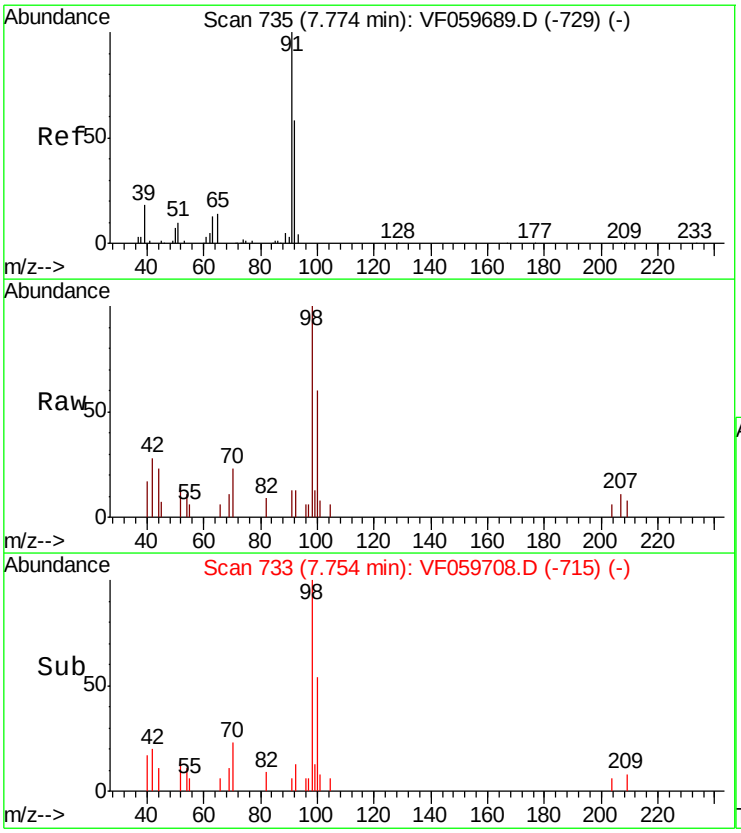
#51
4-Methyl-2-Pentanone
Concen: 1.086 ug/l
RT: 8.40 min Scan# 799
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 739

Ion	Ratio	Lower	Upper
43	100		
58	73.8	25.9	38.9#

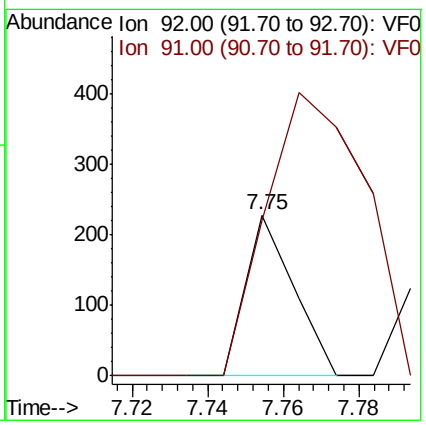


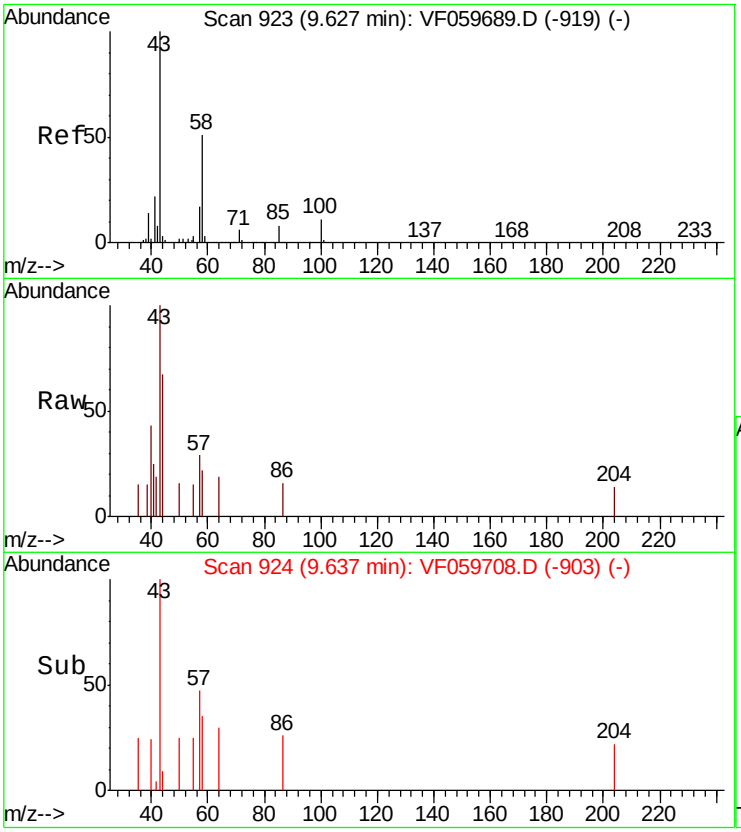


#52
Toluene
Concen: Below Cal
RT: 7.75 min Scan# 733
Delta R.T. -0.02 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 92 Resp: 200

Ion	Ratio	Lower	Upper
92	100		
91	96.5	139.0	208.4#



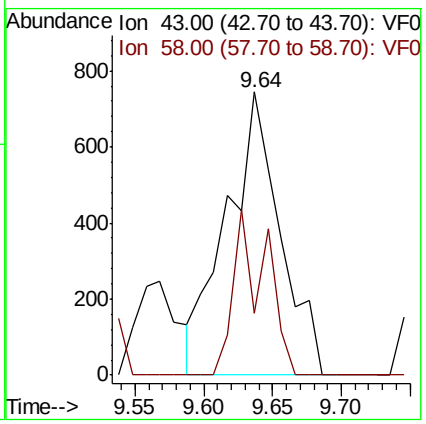


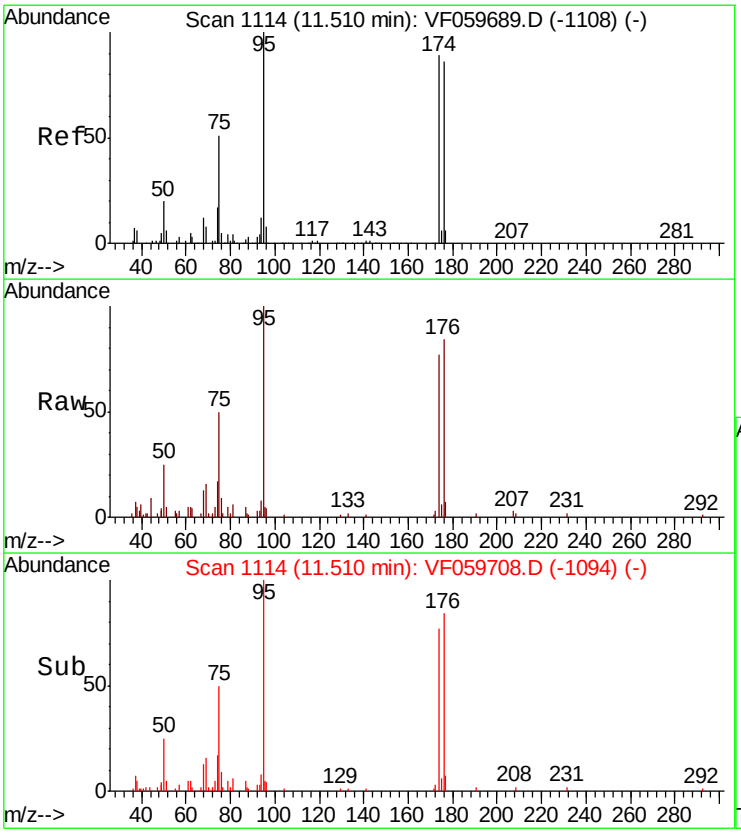
#59
2-Hexanone
Concen: 3.693 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.01 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2014

Ion	Ratio	Lower	Upper
43	100		
58	21.8	23.3	69.8#

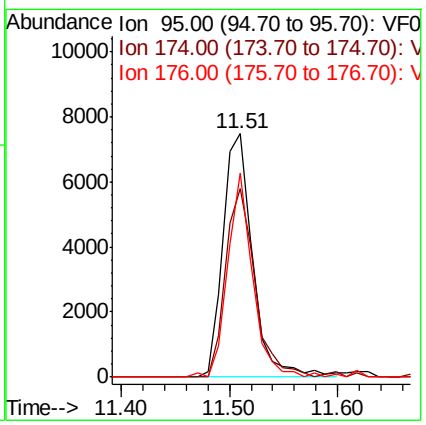


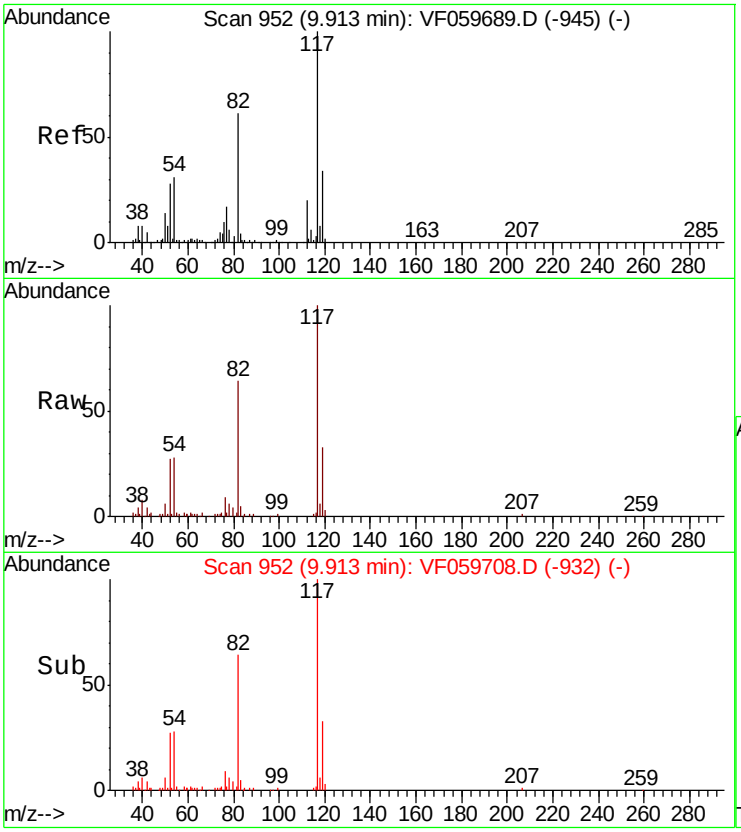


#62
4-Bromofluorobenzene
Concen: 7.122 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 95 Resp: 14288

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	178.4
176	80.0	0.0	173.0



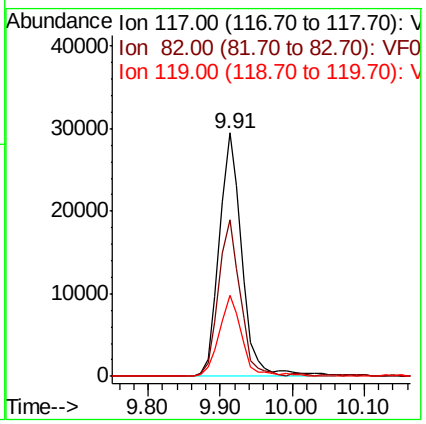


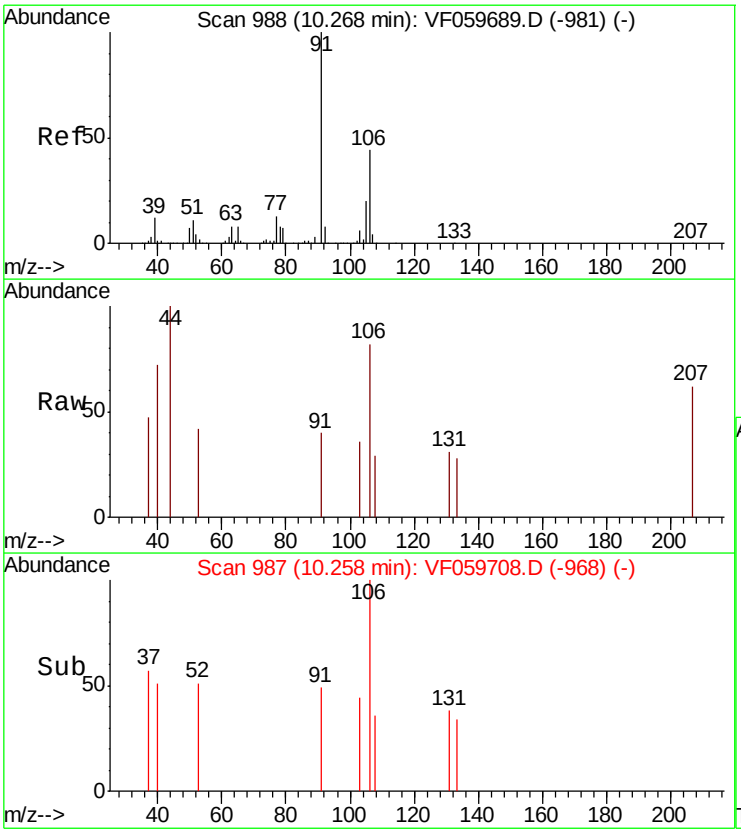
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 64244

Ion	Ratio	Lower	Upper
117	100		
82	64.5	49.0	73.4
119	33.2	27.3	40.9

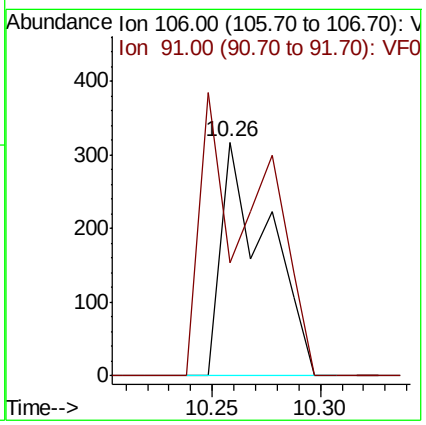


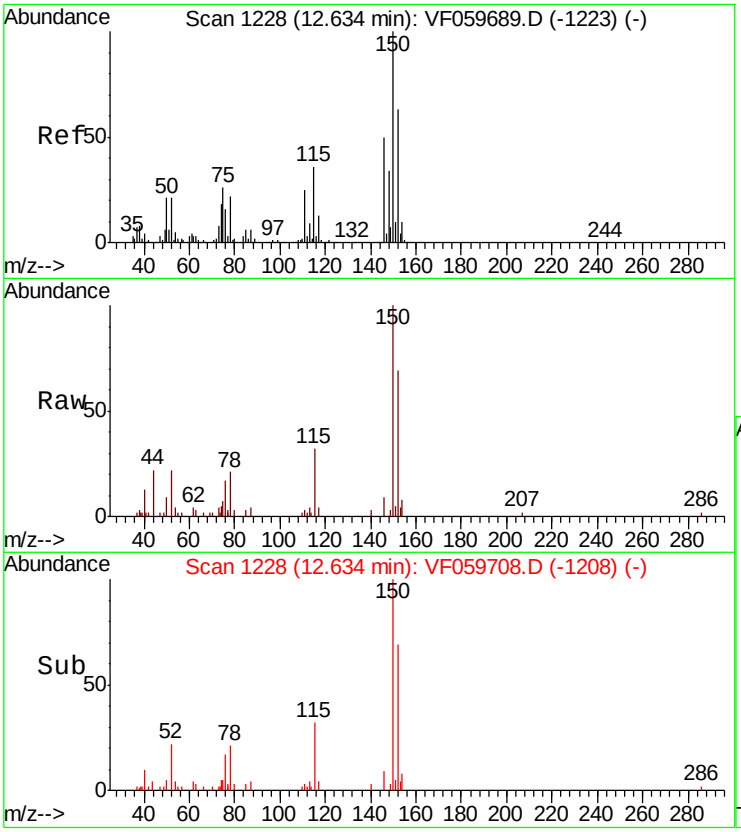


#68
m/p-Xylenes
Concen: Below Cal
RT: 10.26 min Scan# 987
Delta R.T. -0.01 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion:106 Resp: 476

Ion	Ratio	Lower	Upper
106	100		
91	48.6	181.7	272.5#



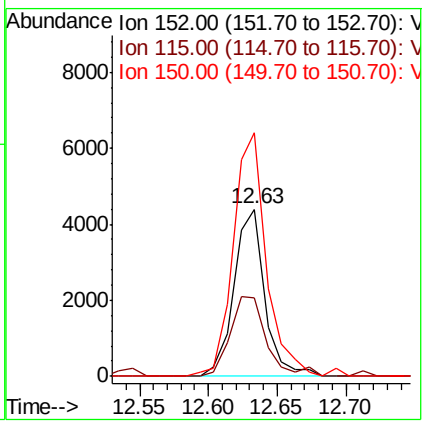


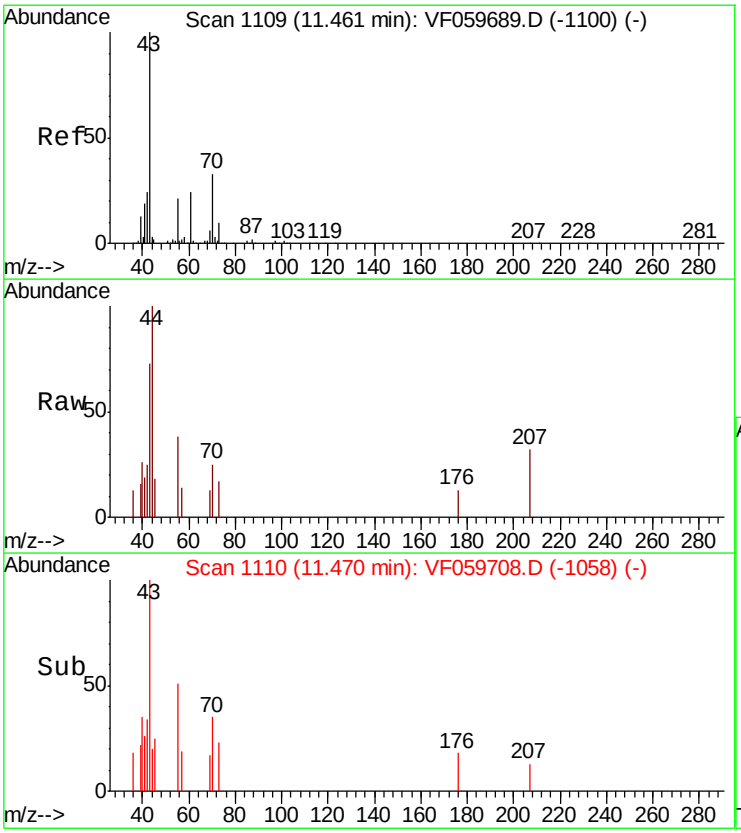
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 6894

Ion	Ratio	Lower	Upper
152	100		
115	46.9	28.2	84.6
150	145.5	0.0	316.2

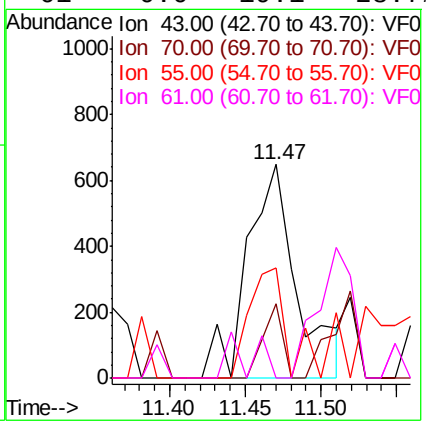


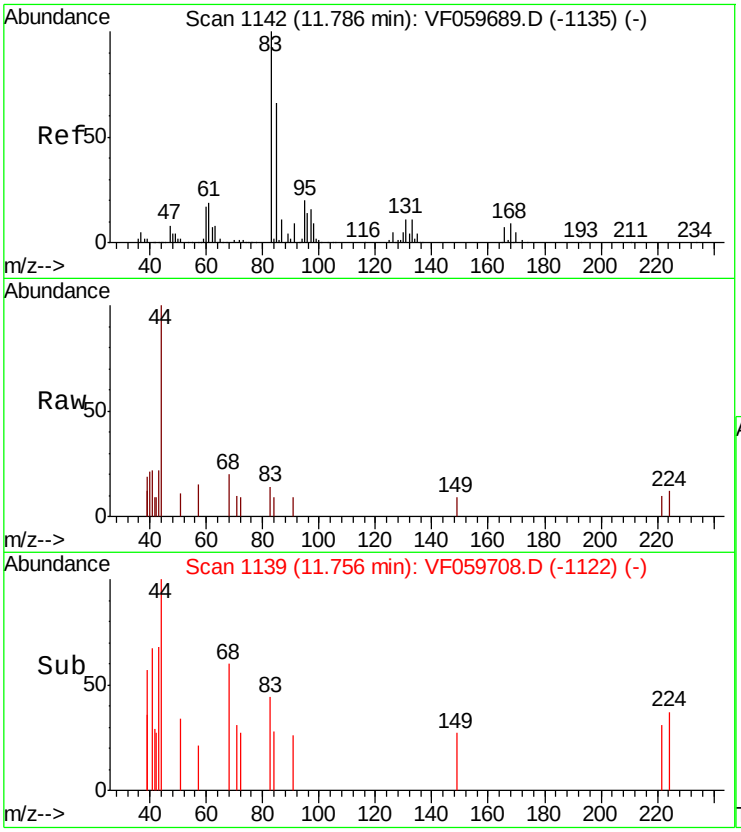


#74
N-amyl acetate
Concen: 13.012 ug/l
RT: 11.47 min Scan# 1110
Delta R.T. 0.01 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 43 Resp: 1485

Ion	Ratio	Lower	Upper
43	100		
70	34.7	26.3	39.5
55	51.5	16.6	25.0#
61	0.0	19.1	28.7#



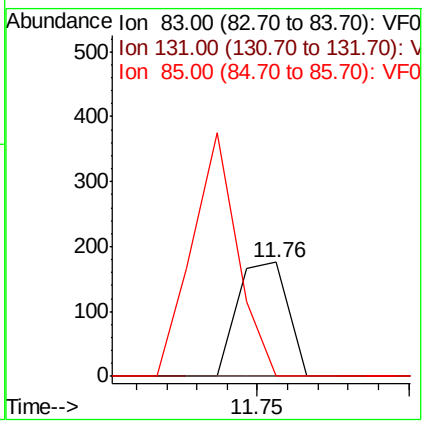


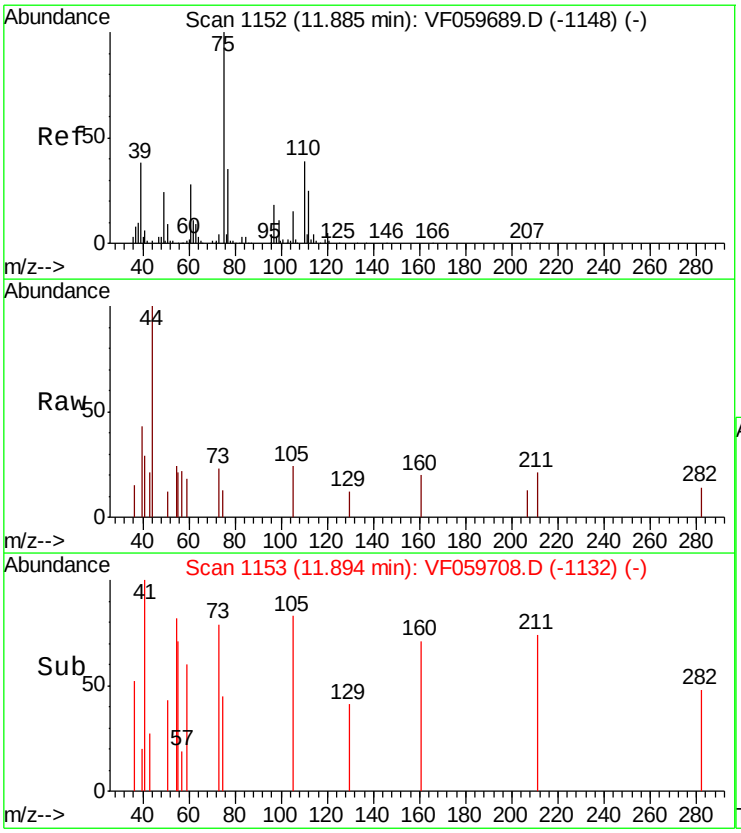
#75
1,1,2,2-Tetrachloroethane
Concen: 2.372 ug/l
RT: 11.76 min Scan# 1139
Delta R.T. -0.03 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 202

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.8	17.3#
85	0.0	32.8	98.3#

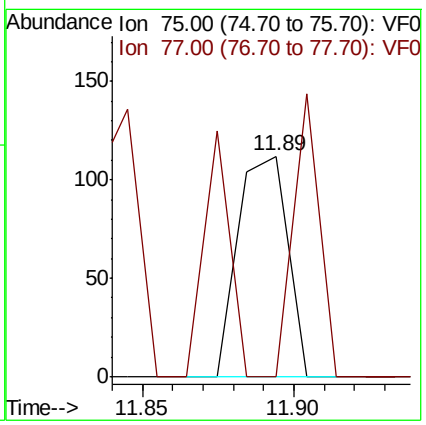


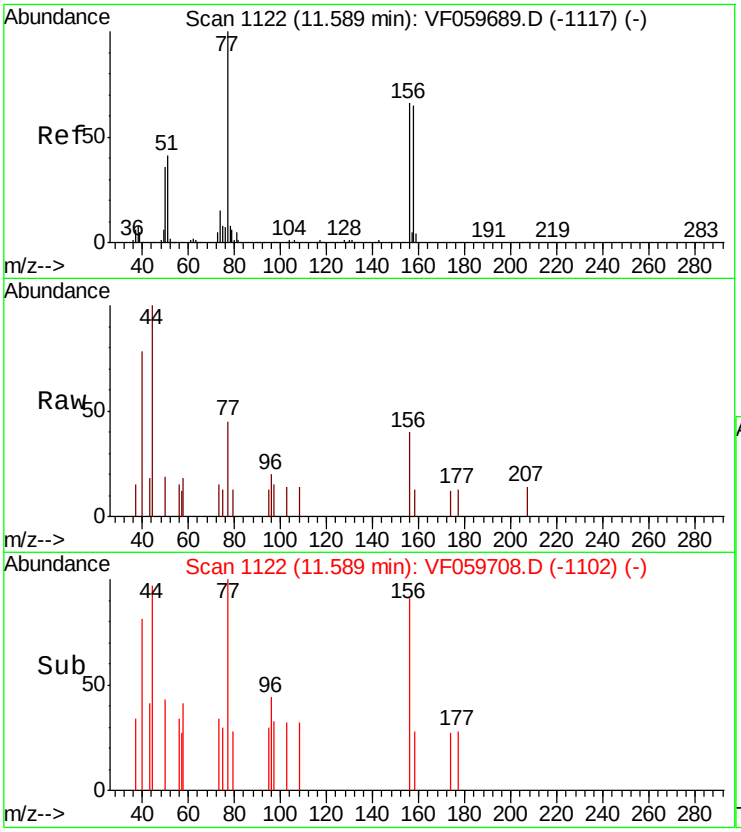


#76
1,2,3-Trichloropropane
Concen: 1.768 ug/l
RT: 11.89 min Scan# 1153
Delta R.T. 0.01 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 75 Resp: 128

Ion	Ratio	Lower	Upper
75	100		
77	0.0	18.0	54.0#



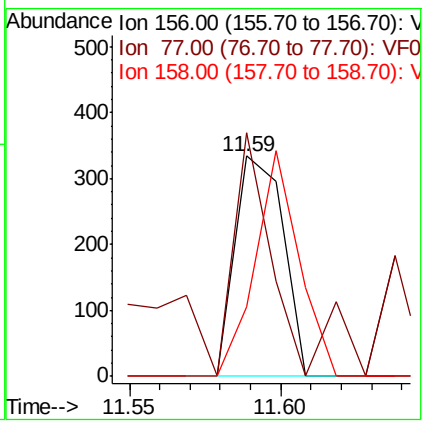


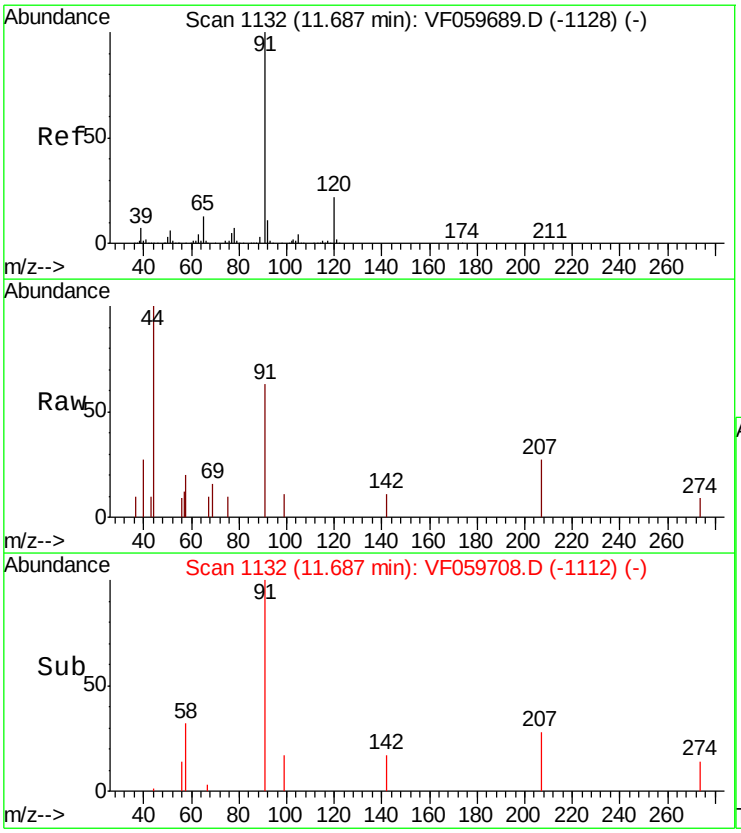
#77
Bromobenzene
Concen: 3.149 ug/l
RT: 11.59 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:156 Resp: 372

Ion	Ratio	Lower	Upper
156	100		
77	110.5	75.2	225.6
158	31.4	49.1	147.3#

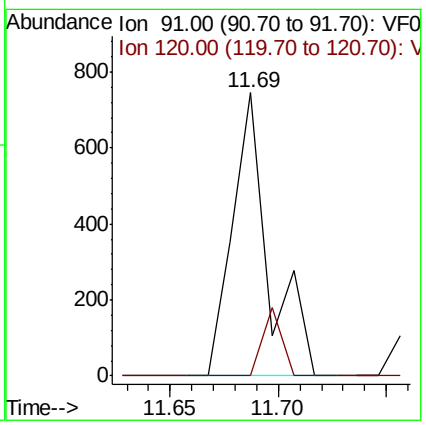


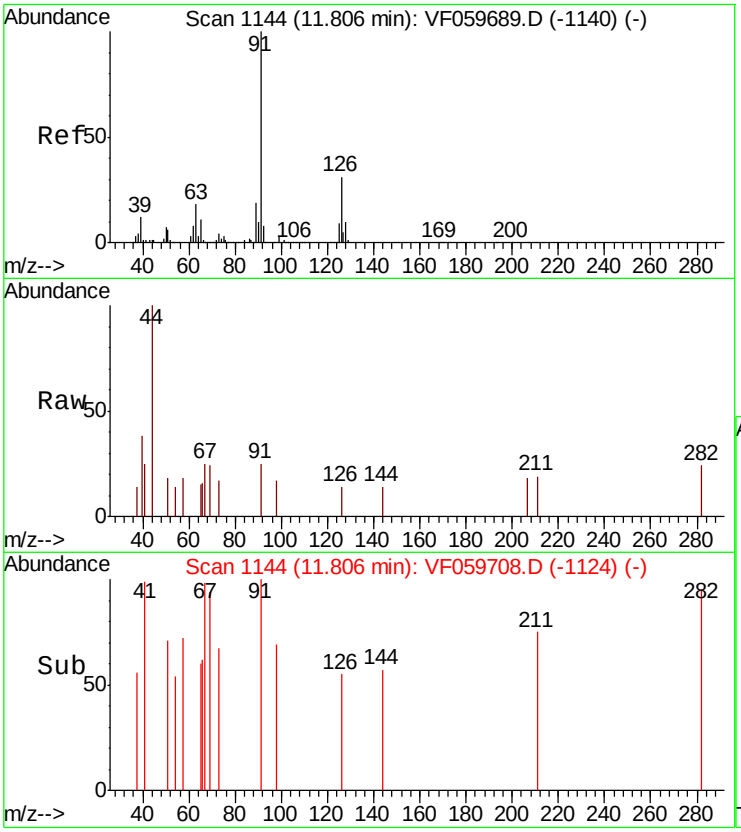


#78
n-propylbenzene
Concen: Below Cal
RT: 11.69 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 91 Resp: 876

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.0	33.0#



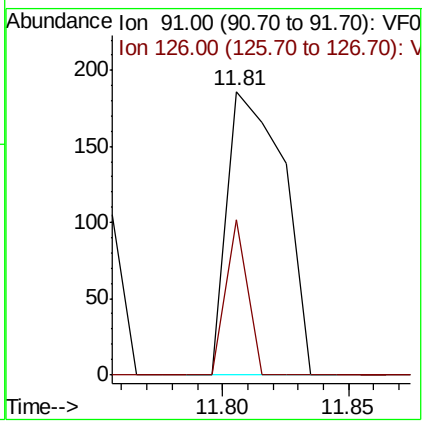


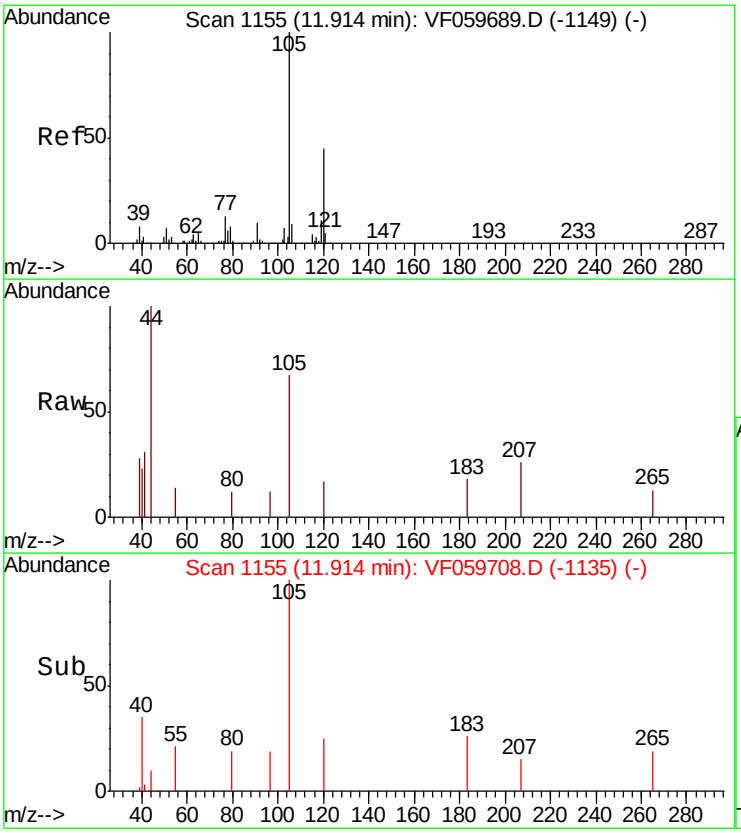
#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.81 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 290

Ion	Ratio	Lower	Upper
91	100		
126	54.8	15.4	46.2#

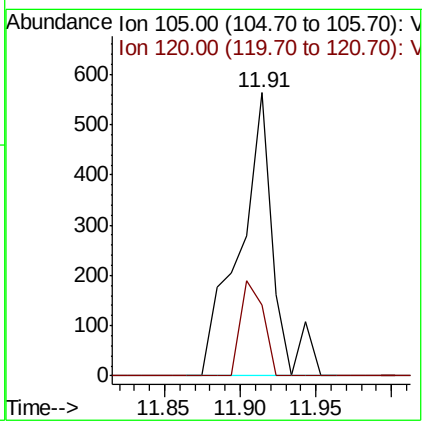


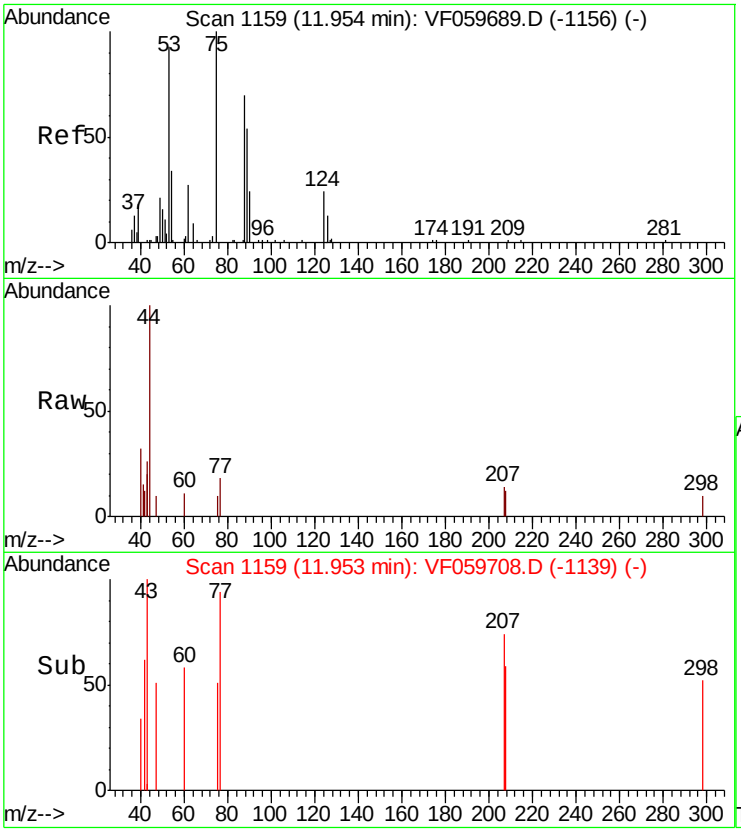


#80
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 11.91 min Scan# 1155
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion:105 Resp: 883

Ion	Ratio	Lower	Upper
105	100		
120	25.0	22.7	68.0



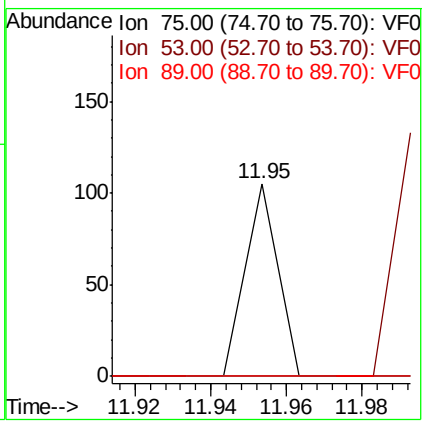


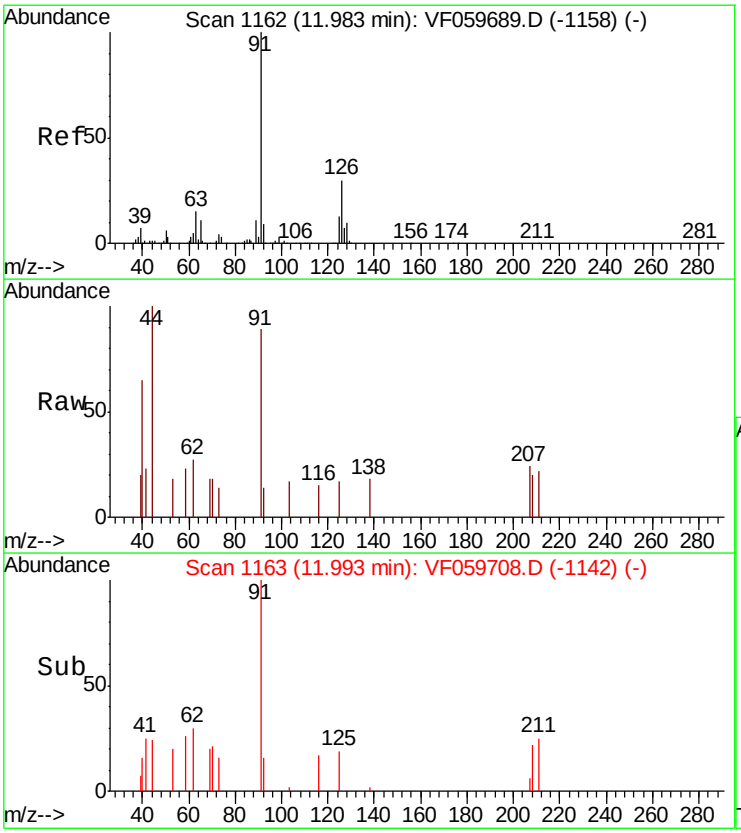
#81
trans-1,4-Dichloro-2-butene
Concen: 2.068 ug/l
RT: 11.95 min Scan# 1159
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 62

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.3	117.5#
89	0.0	45.4	68.2#

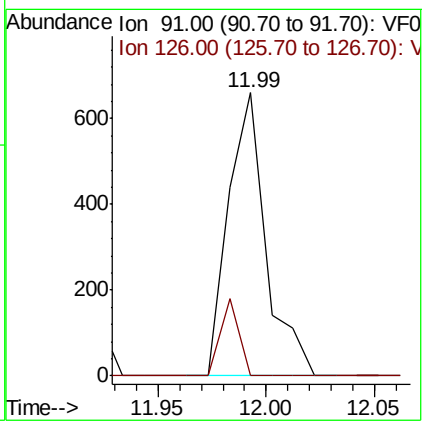


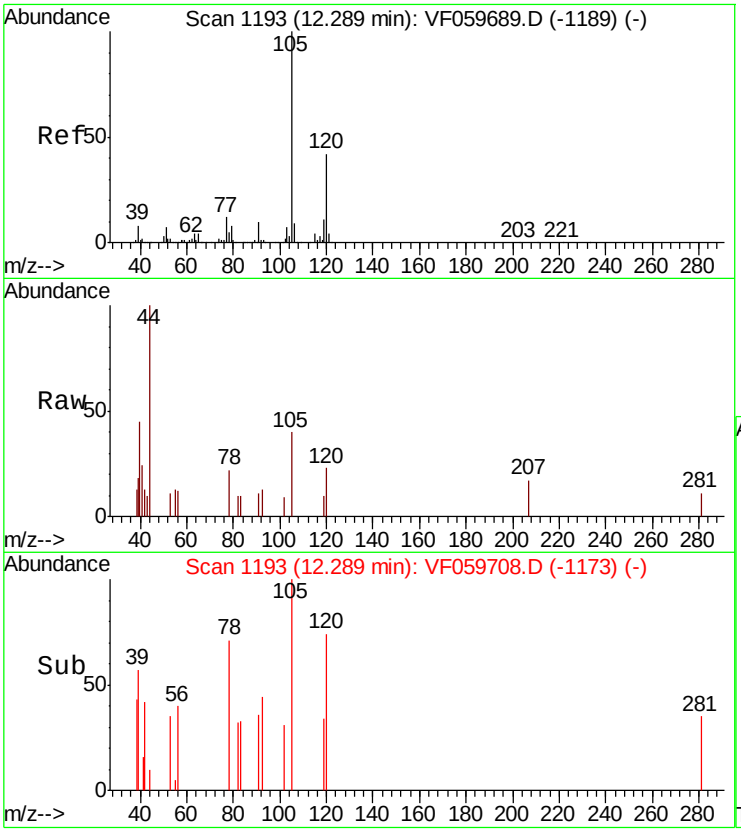


#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.99 min Scan# 1163
Delta R.T. 0.01 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 91 Resp: 798

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.2	45.6#



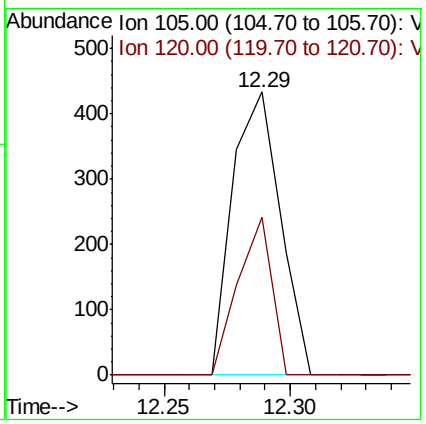


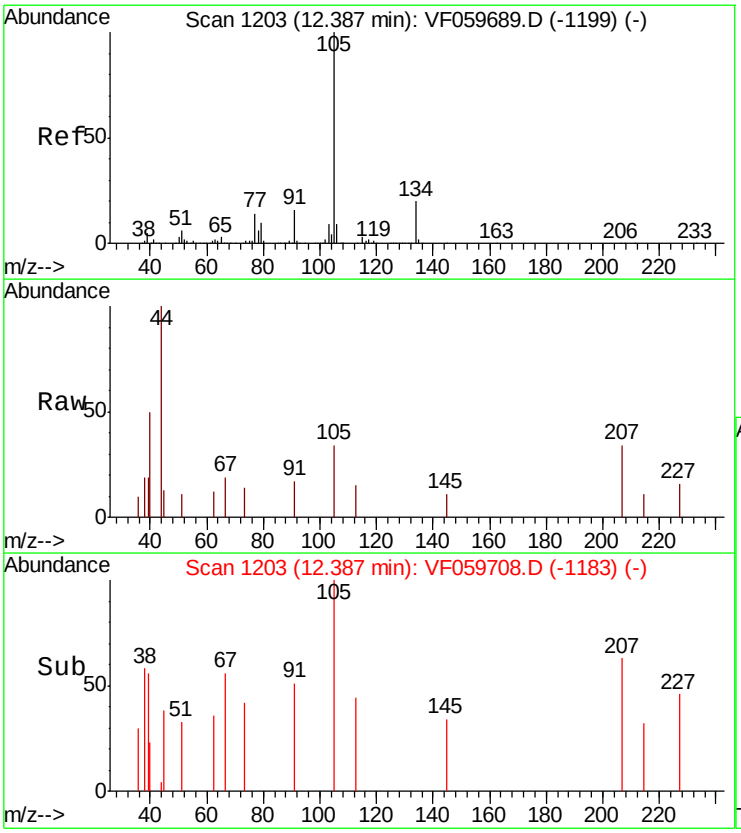
#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 12.29 min Scan# 1193
Delta R.T. 0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 571

Ion	Ratio	Lower	Upper
105	100		
120	55.9	21.1	63.3

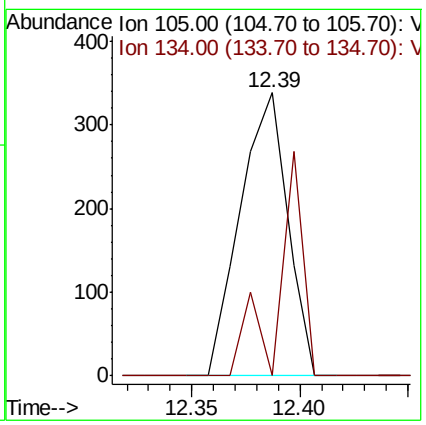


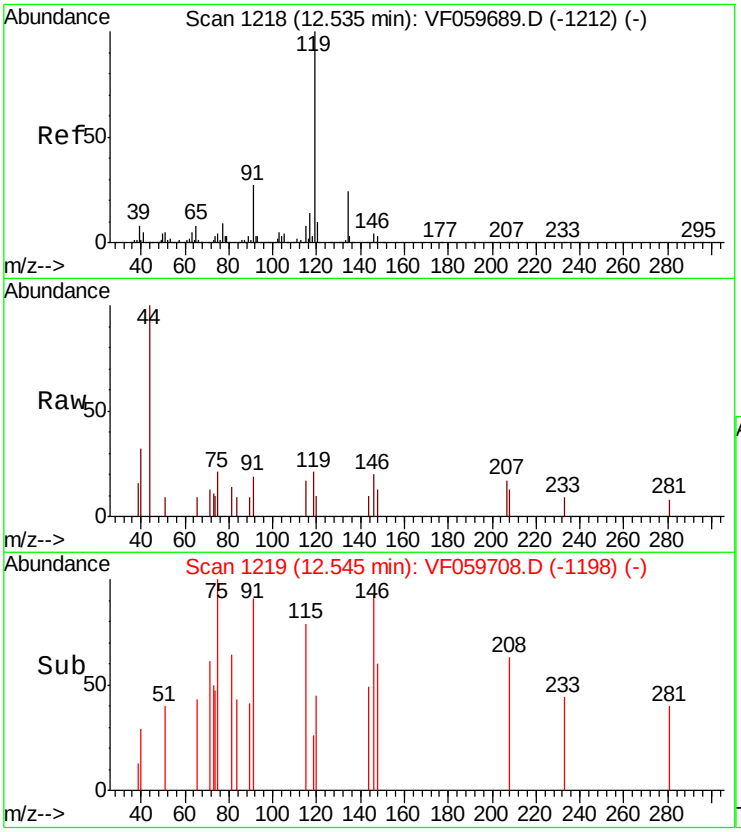


#85
sec-Butylbenzene
Concen: Below Cal
RT: 12.39 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion:105 Resp: 514

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.8	29.3#



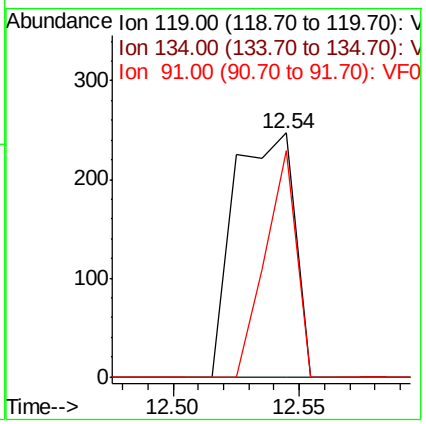


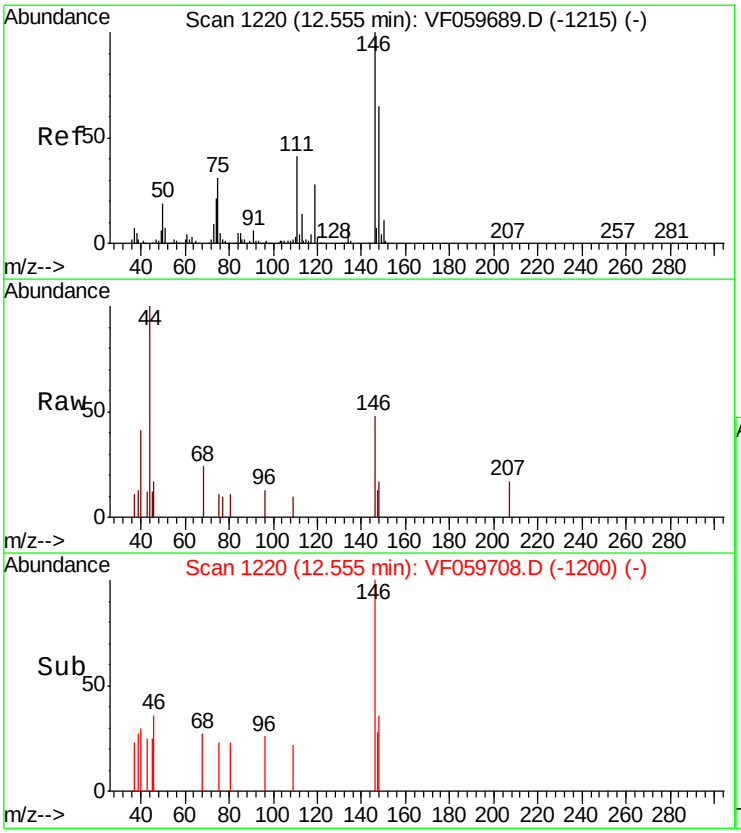
#86
p-Isopropyltoluene
Concen: Below Cal
RT: 12.54 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:119 Resp: 410

Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.2	36.6#
91	92.7	13.4	40.2#

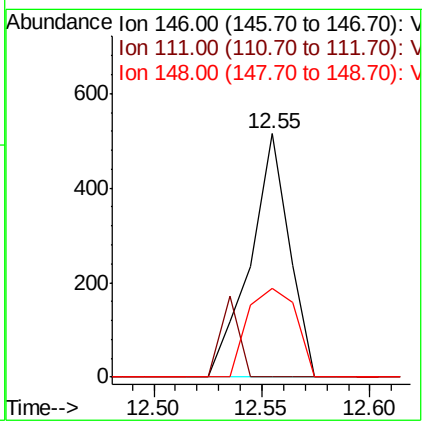


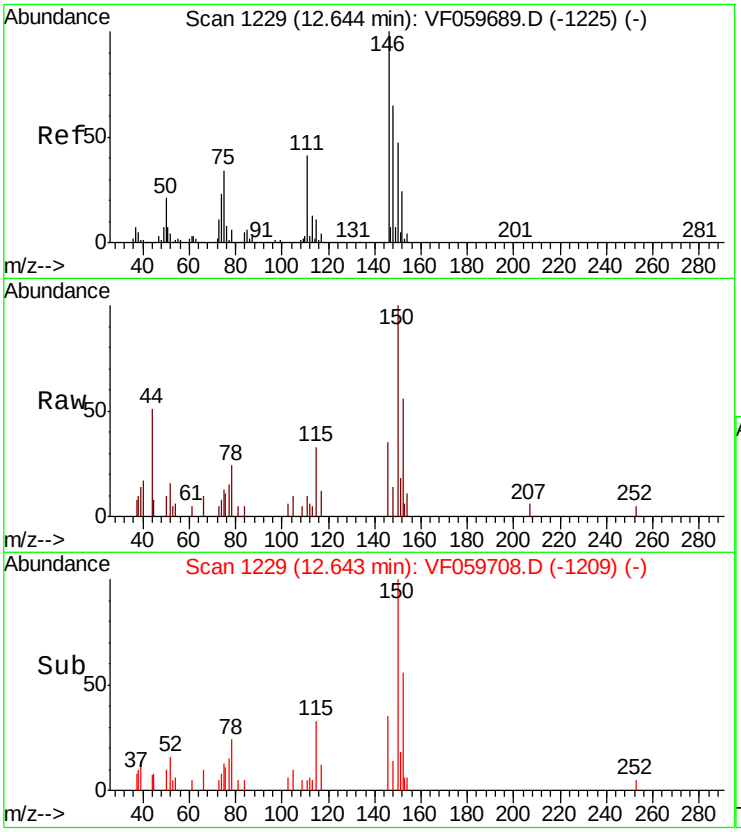


#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.55 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion:146 Resp: 653

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.7	62.1#
148	36.3	32.3	96.8



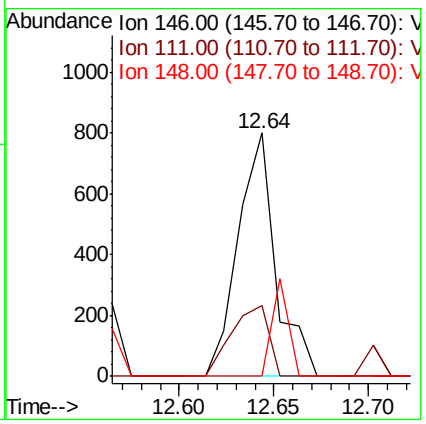


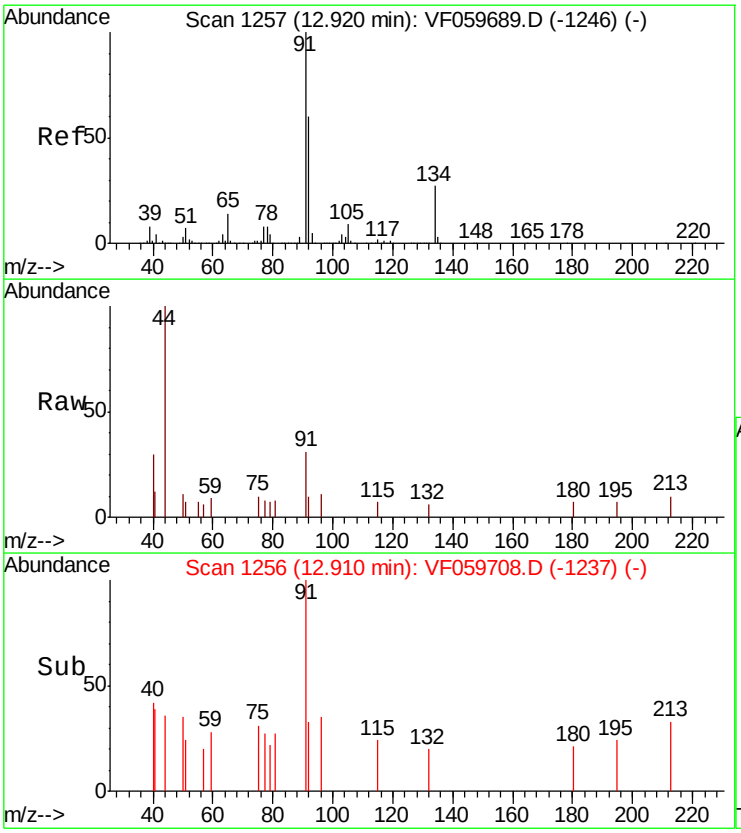
#88
1,4-Dichlorobenzene
Concen: 1.692 ug/l
RT: 12.64 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 1098

Ion	Ratio	Lower	Upper
146	100		
111	28.9	20.8	62.2
148	0.0	32.3	96.9#

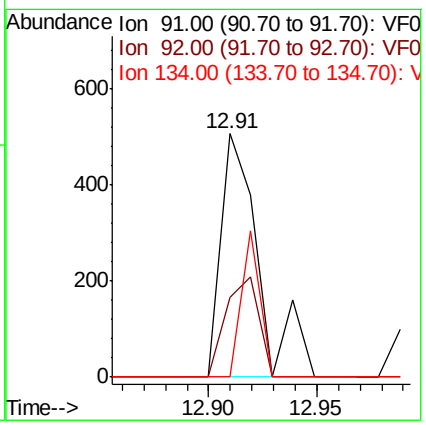


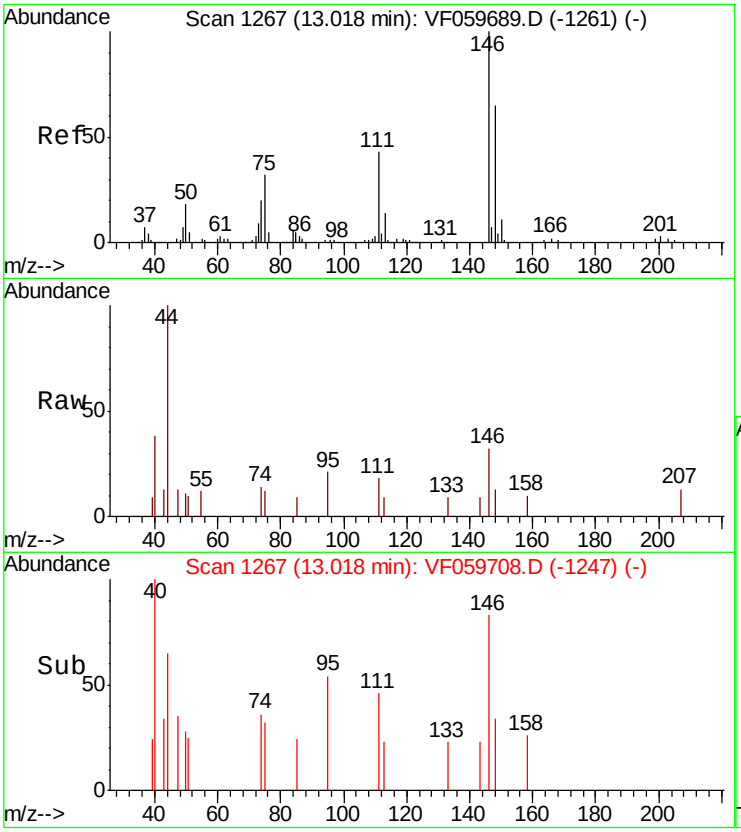


#89
n-Butylbenzene
Concen: Below Cal
RT: 12.91 min Scan# 1256
Delta R.T. -0.01 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 91 Resp: 620

Ion	Ratio	Lower	Upper
91	100		
92	32.7	30.1	90.3
134	0.0	13.7	41.0#



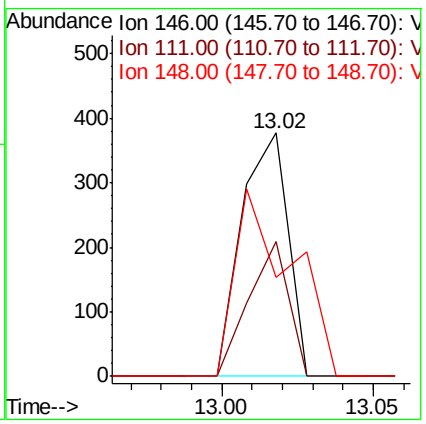


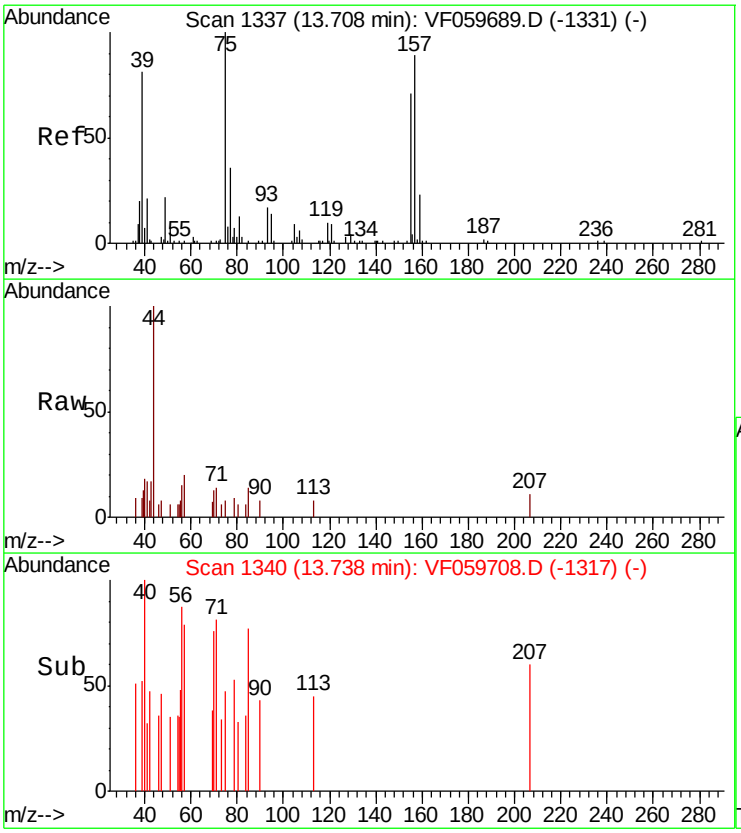
#91
1,2-Dichlorobenzene
Concen: Below Cal
RT: 13.02 min Scan# 1267
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 399

Ion	Ratio	Lower	Upper
146	100		
111	55.7	21.6	65.0
148	40.6	32.3	96.9

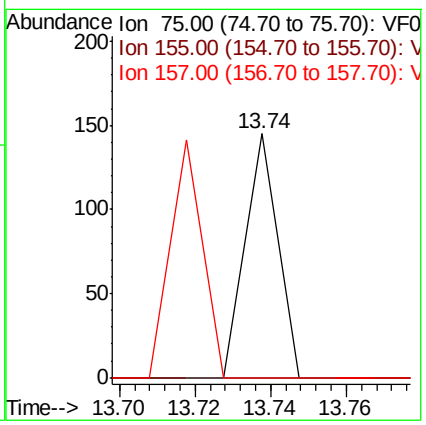


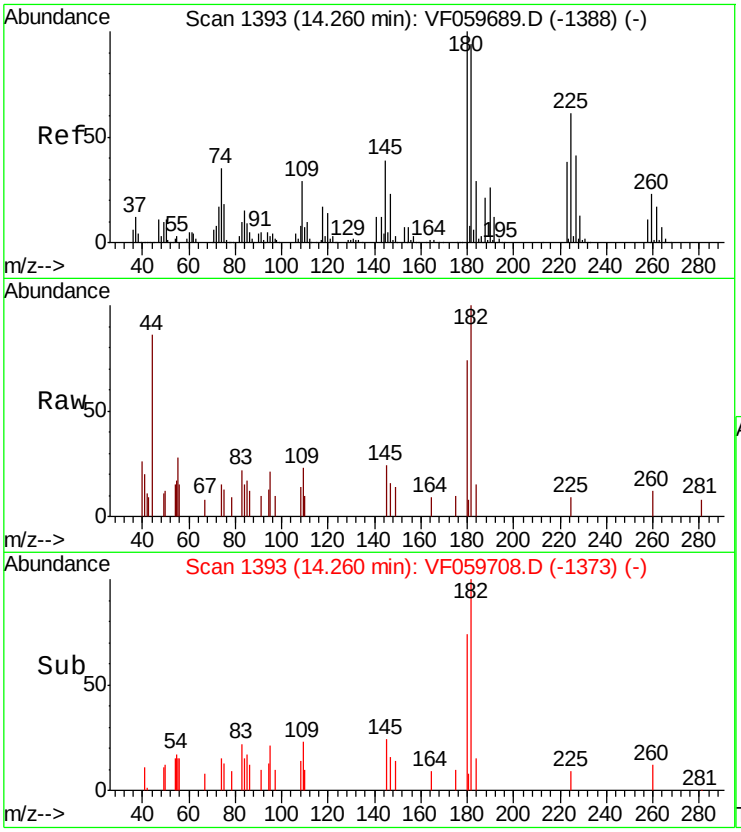


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.131 ug/l
RT: 13.74 min Scan# 1340
Delta R.T. 0.03 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion: 75 Resp: 86

Ion	Ratio	Lower	Upper
75	100		
155	0.0	35.4	106.2#
157	0.0	44.4	133.2#



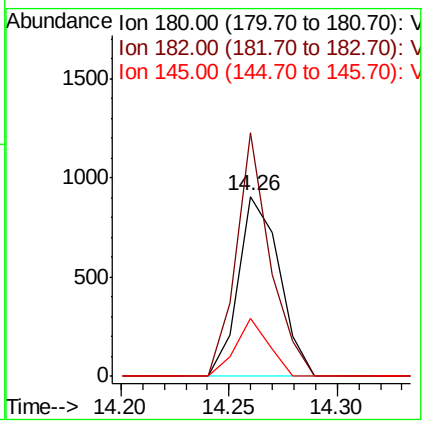


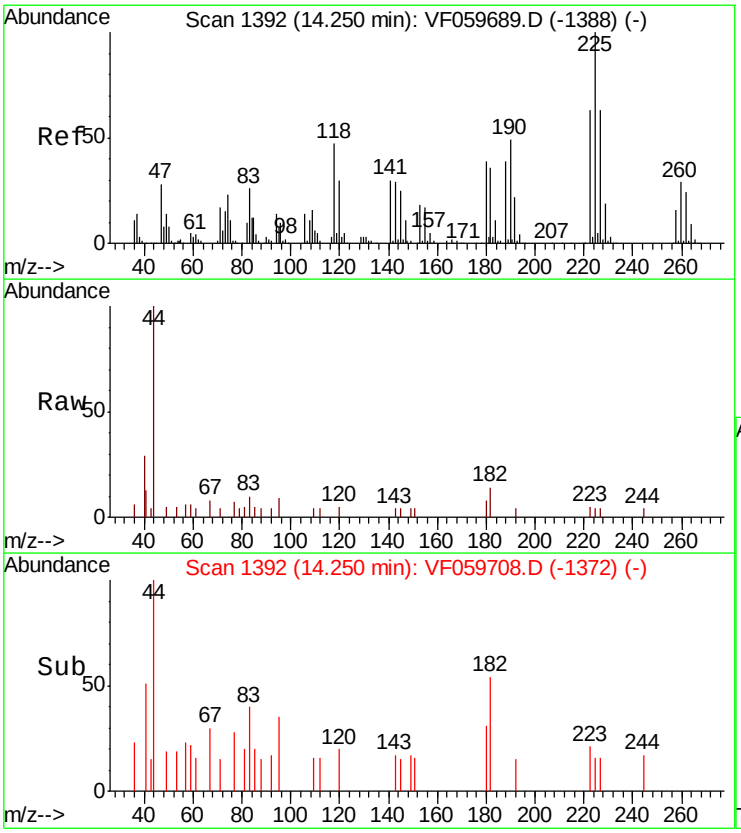
#93
1,2,4-Trichlorobenzene
Concen: 3.611 ug/l
RT: 14.26 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:180 Resp: 1209

Ion	Ratio	Lower	Upper
180	100		
182	135.5	47.2	141.6
145	32.2	19.3	57.9

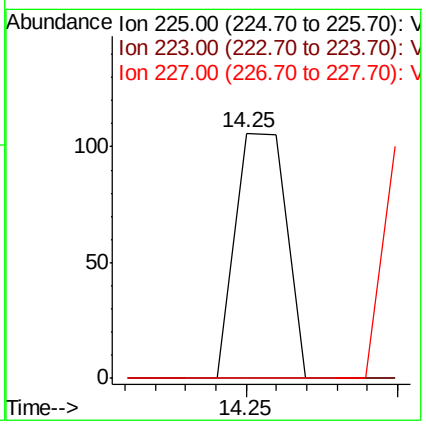


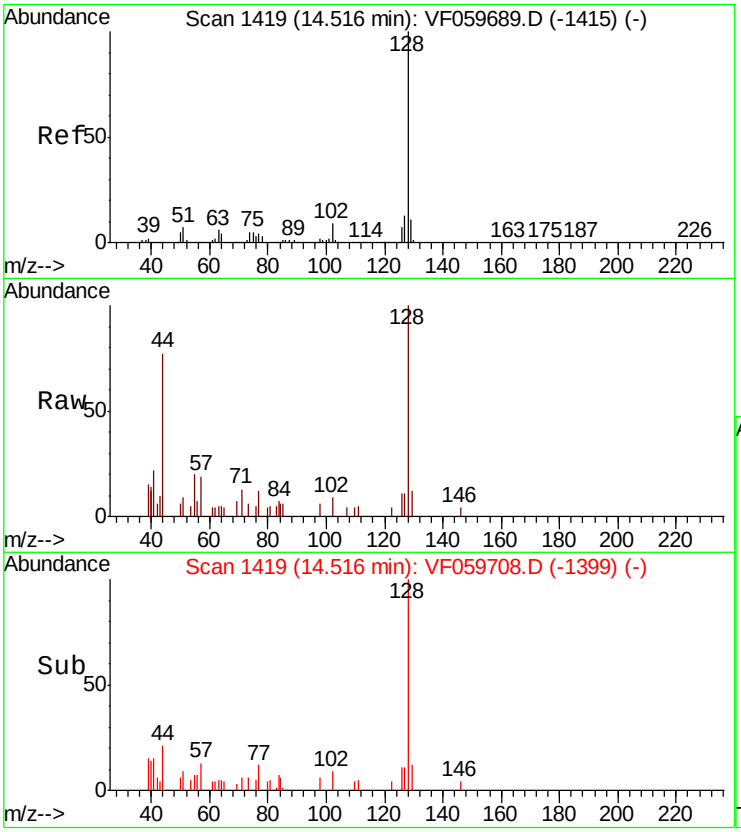


#94
Hexachlorobutadiene
Concen: 1.105 ug/l
RT: 14.25 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion:225 Resp: 125

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.4	94.2#
227	0.0	31.5	94.5#



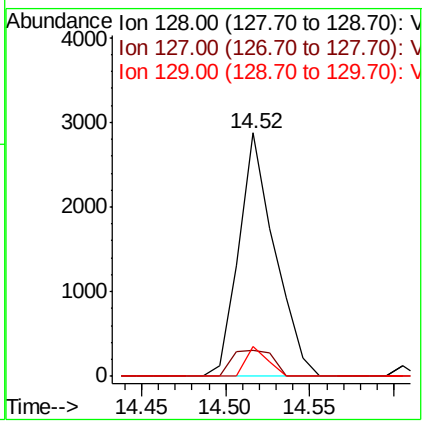


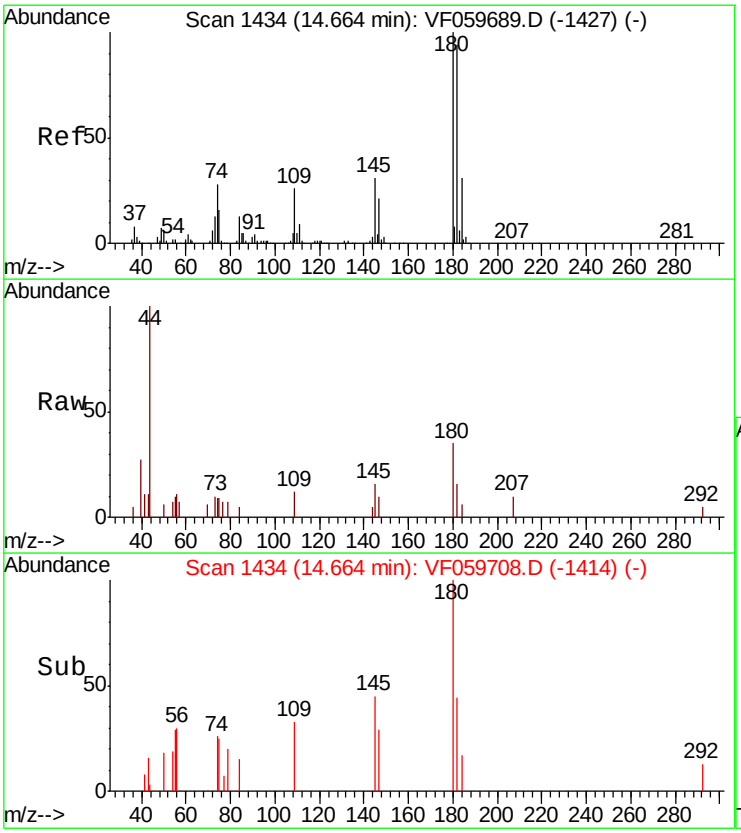
#95
Naphthalene
Concen: 14.305 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 4252

Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.0	15.0
129	12.5	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 5.868 ug/l
RT: 14.66 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion:180 Resp: 964

Ion	Ratio	Lower	Upper
180	100		
182	43.9	47.2	141.6#
145	44.8	15.6	46.7