Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041919\
Data File : VF062229.D
Acq On : 19 Apr 2019 17:13
Operator : FY/SY
Sample : K2442-14RE
Misc : 5.15g/5mL/MSVOA F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 19 23:02:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 03:56:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	548895	50.00 ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	784889	50.00 ug/l	0.01
63) Chlorobenzene-d5	9.92	117	598055	50.00 ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	356569	50.00 ug/l	0.01
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.04	65	215649	42.85 ug/l	0.02
Spiked Amount 50.000			Recovery = 85.70%		
35) Dibromofluoromethane	4.31	113	310473	45.22 ug/l	0.01
Spiked Amount 50.000			Recovery = 90.44%		
50) Toluene-d8	7.72	98	698914	40.21 ug/l	0.02
Spiked Amount 50.000			Recovery = 80.42%		
62) 4-Bromofluorobenzene	11.50	95	308739	46.18 ug/l	0.02
Spiked Amount 50.000			Recovery = 92.36%		
Target Compounds					Qvalue
13) Acrolein	2.10	56	1657	Below Cal #	78
16) Acetone	2.36	43	18999	15.793 ug/l	100
18) Methyl Acetate	2.50	43	7459	Below Cal #	90
20) Methylene Chloride	2.36	84	29854	Below Cal	91
29) Tetrahydrofuran	4.30	42	2880	2.645 ug/l	94
36) 1,1-Dichloropropene	4.22	75	56923	6.049 ug/l #	43
49) 1,4-Dioxane	6.97	88	66	1.875 ug/l #	56
59) 2-Hexanone	9.63	43	4827	2.364 ug/l	91
74) N-amyl acetate	11.45	43	2253	Below Cal #	54
89) n-Butylbenzene	12.90	91	3395	Below Cal	85

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

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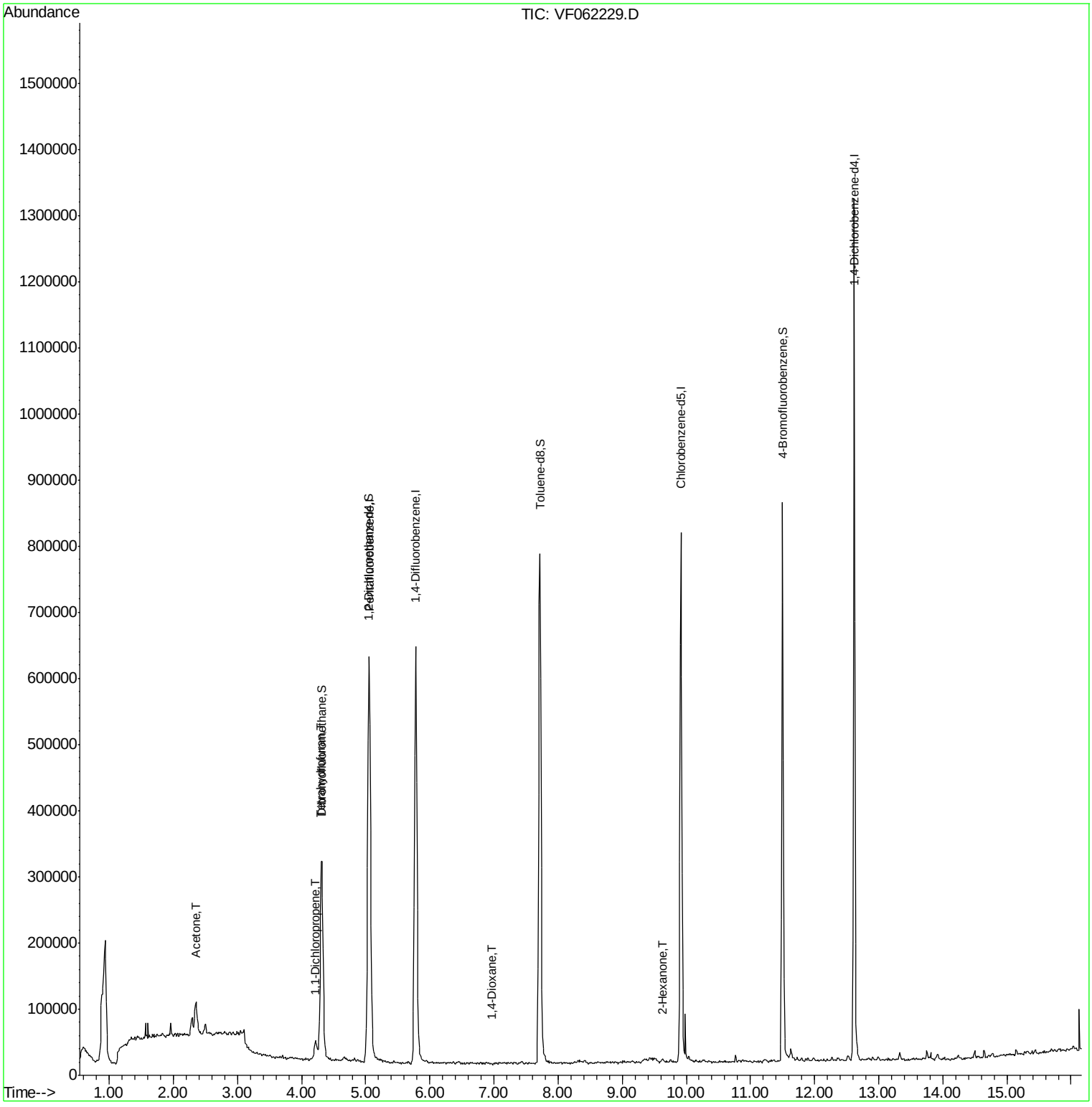
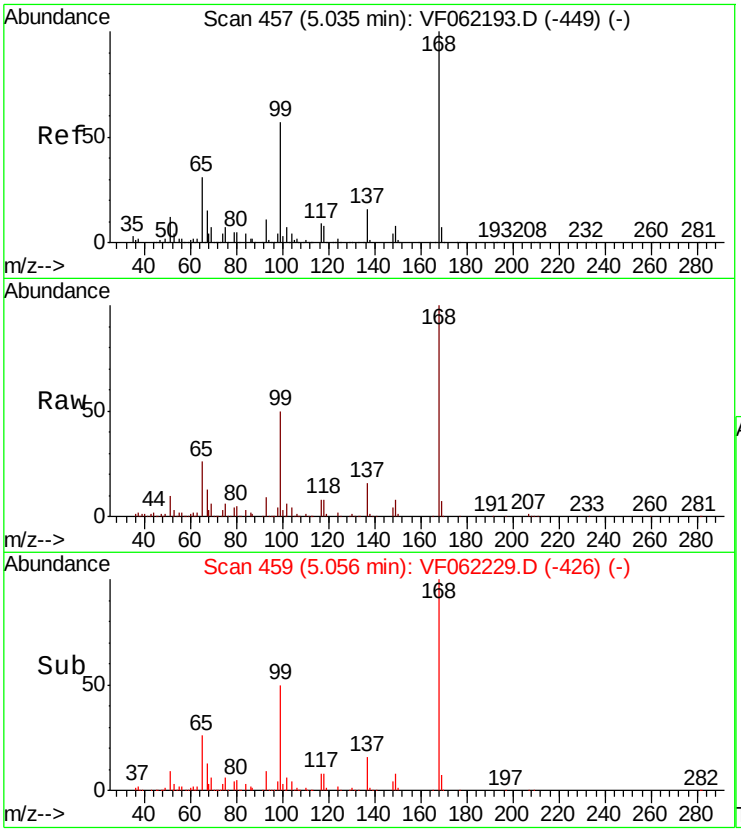
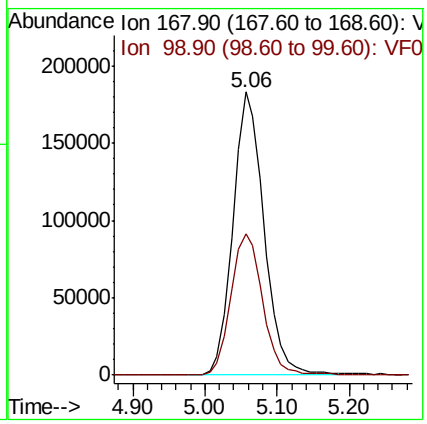


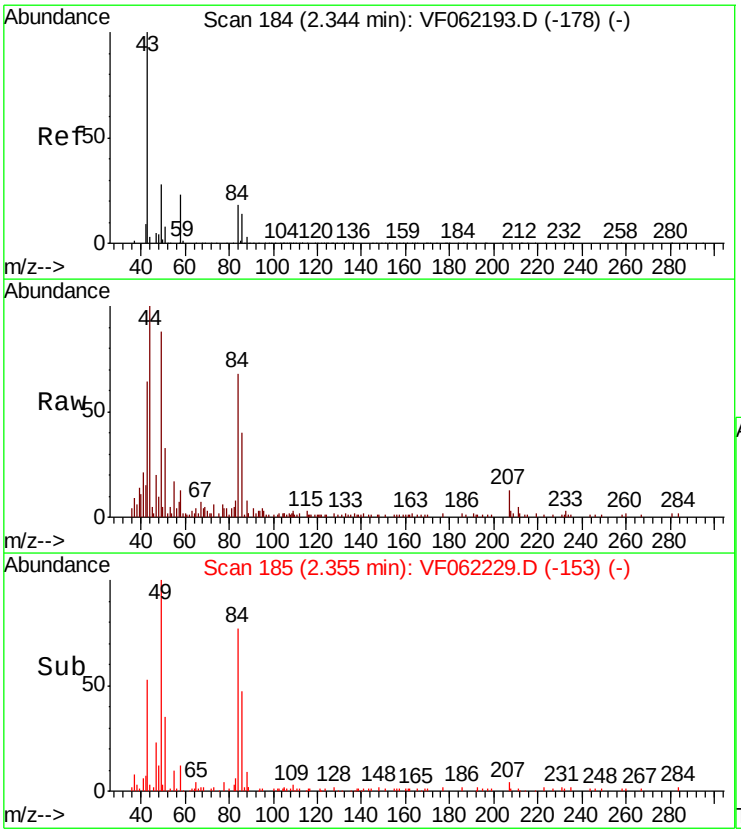


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.02 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion:168 Resp: 548895

Ion	Ratio	Lower	Upper
168	100		
99	49.8	45.5	68.3

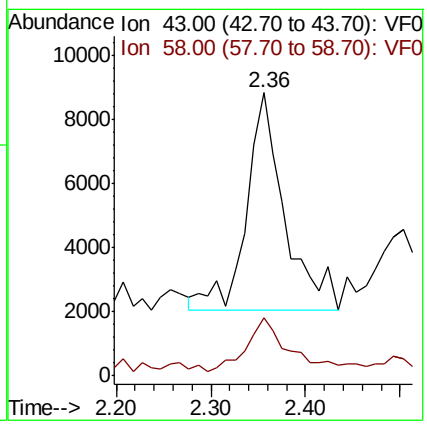


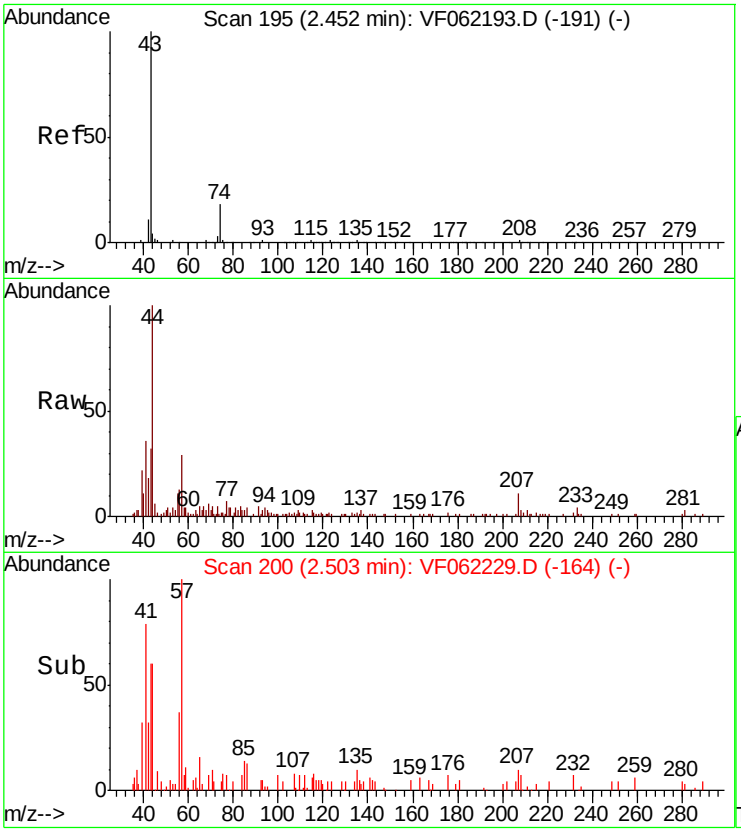


#16
Acetone
Concen: 15.793 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion: 43 Resp: 18999

Ion	Ratio	Lower	Upper
43	100		
58	23.5	18.8	28.2

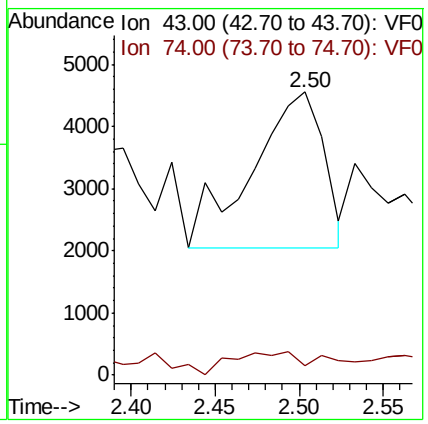


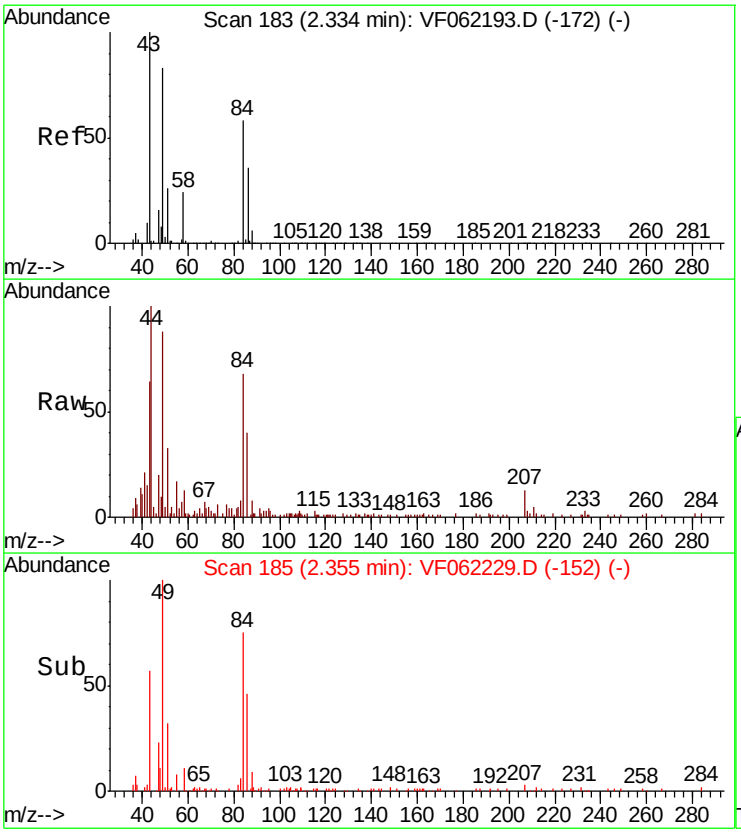


#18
Methyl Acetate
Concen: Below Cal
RT: 2.50 min Scan# 200
Delta R.T. 0.05 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion: 43 Resp: 7459

Ion	Ratio	Lower	Upper
43	100		
74	13.8	14.5	21.7#

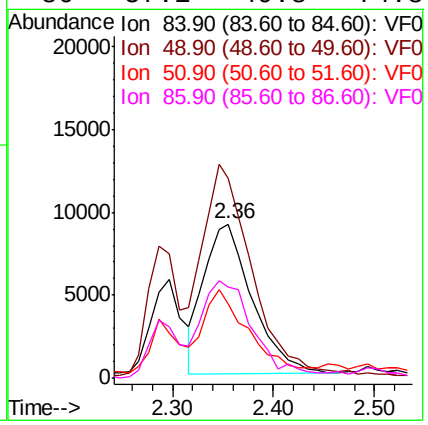


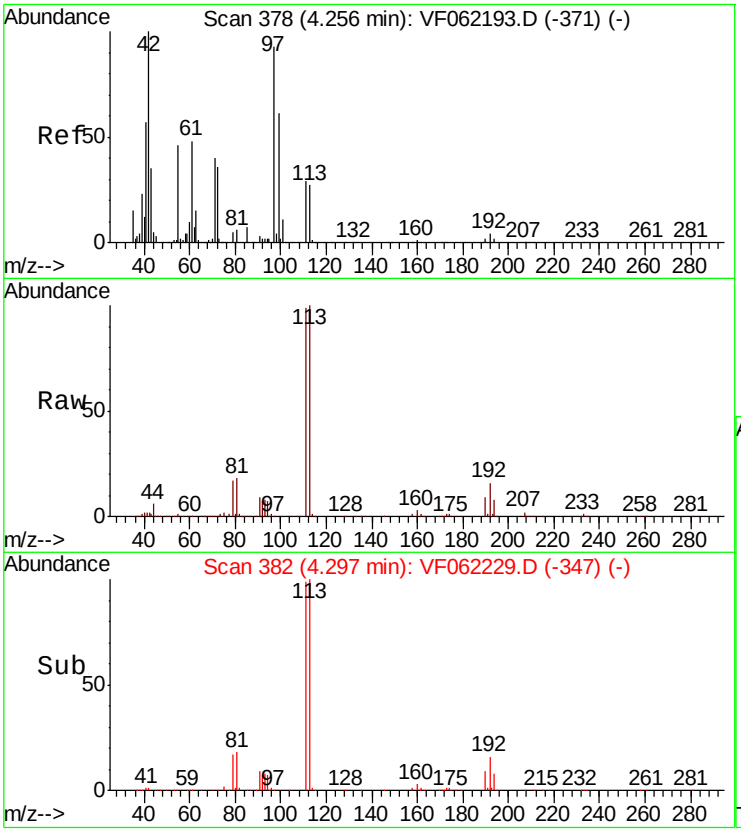


#20
Methylene Chloride
Concen: Below Cal
RT: 2.36 min Scan# 185
Delta R.T. 0.02 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion: 84 Resp: 29854

Ion	Ratio	Lower	Upper
84	100		
49	130.0	114.0	171.0
51	41.8	37.0	55.4
86	57.1	49.8	74.8

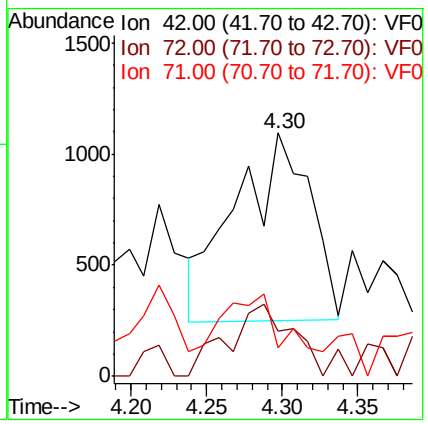


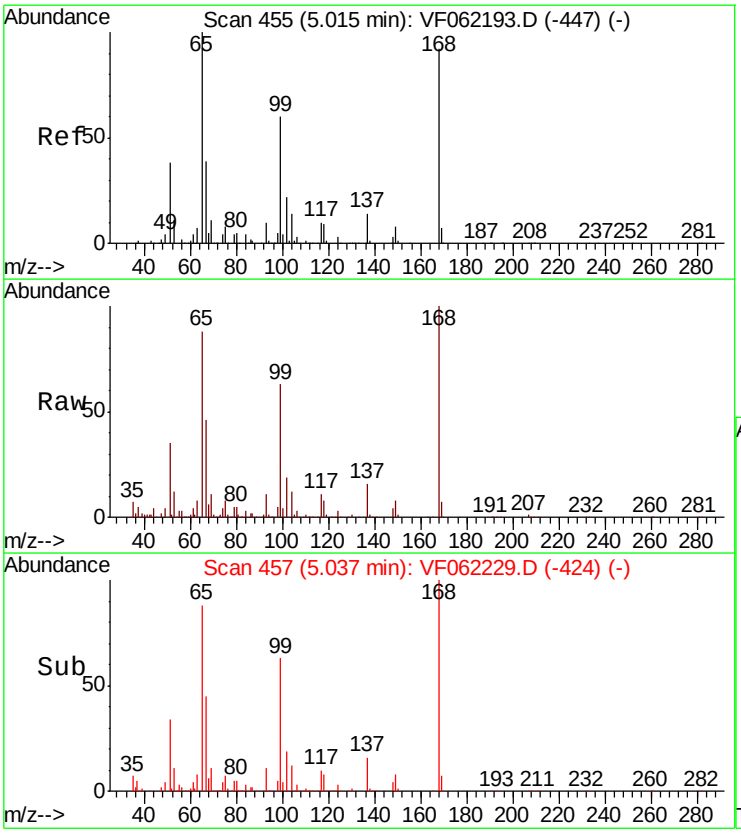


#29
Tetrahydrofuran
Concen: 2.645 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.04 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion: 42 Resp: 2880

Ion	Ratio	Lower	Upper
42	100		
72	33.2	28.6	43.0
71	41.1	29.2	43.8

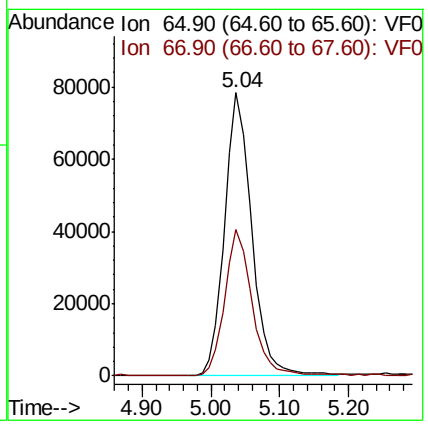


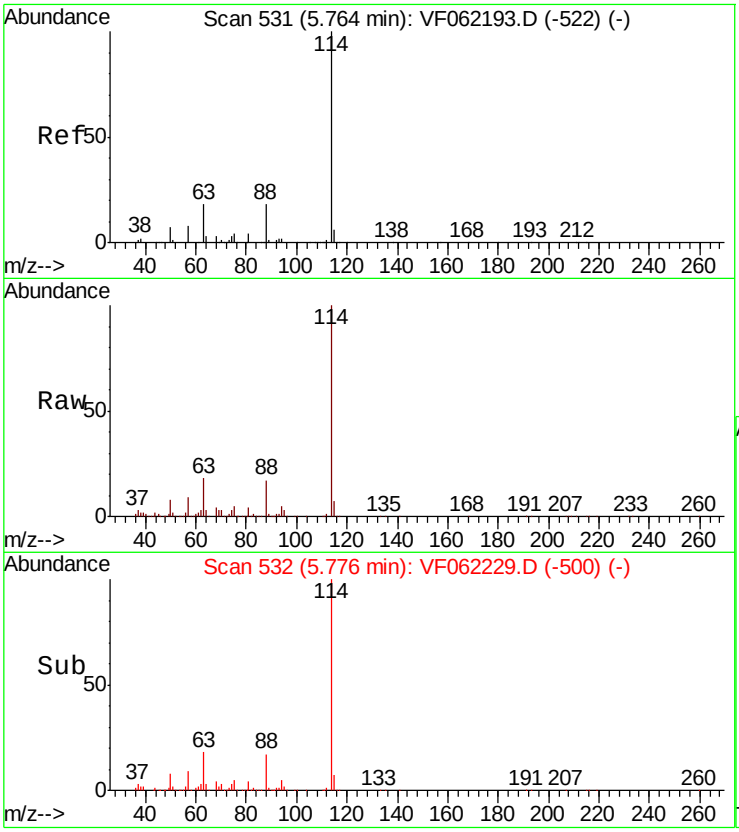


#33
1,2-Dichloroethane-d4
Concen: 42.846 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.02 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion: 65 Resp: 215649

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	109.4

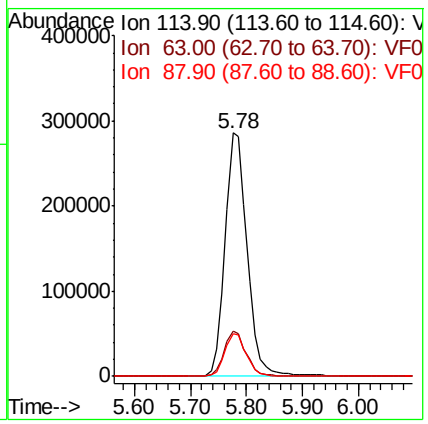


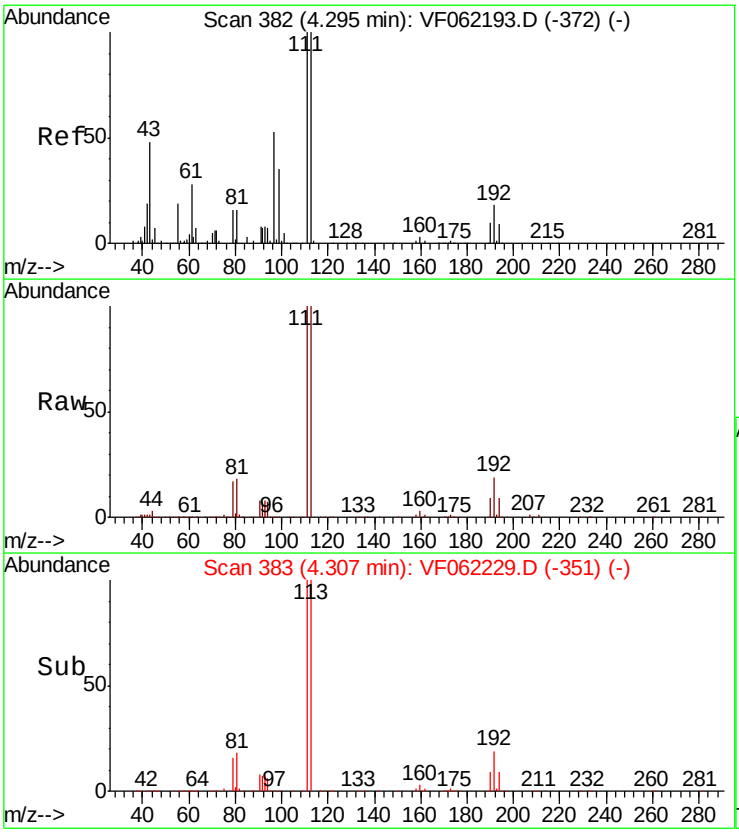


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.01 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion:114 Resp: 784889

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.6
88	17.4	0.0	35.8

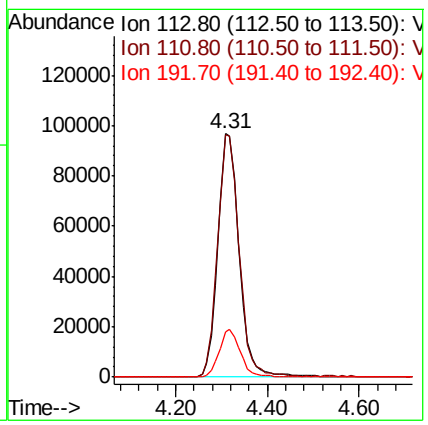


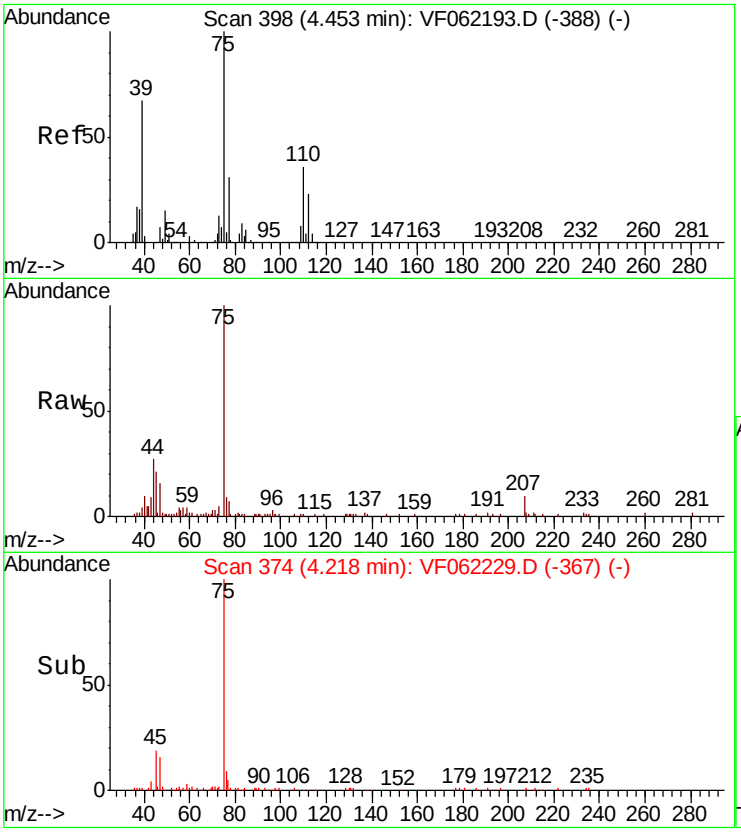


#35
Dibromofluoromethane
Concen: 45.221 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion:113 Resp: 310473

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.1	121.7
192	19.5	14.7	22.1

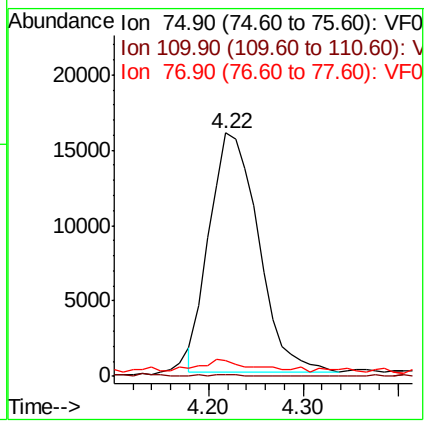


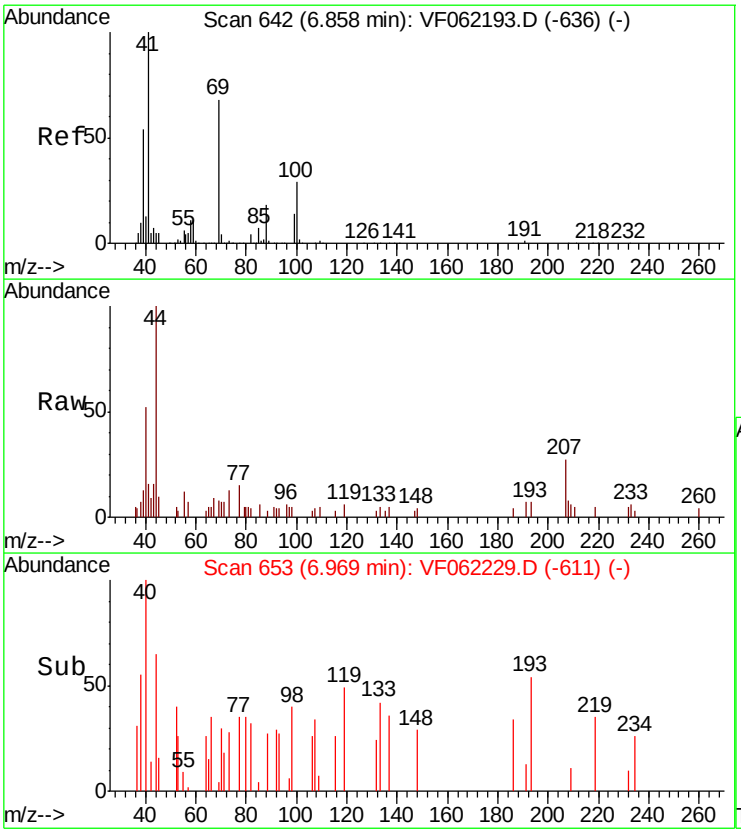


#36
1,1-Dichloropropene
Concen: 6.049 ug/l
RT: 4.22 min Scan# 374
Delta R.T. -0.23 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion: 75 Resp: 56923

Ion	Ratio	Lower	Upper
75	100		
110	0.5	18.4	55.2#
77	2.6	25.4	38.2#

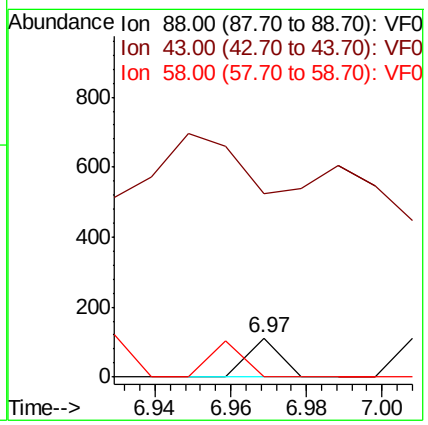


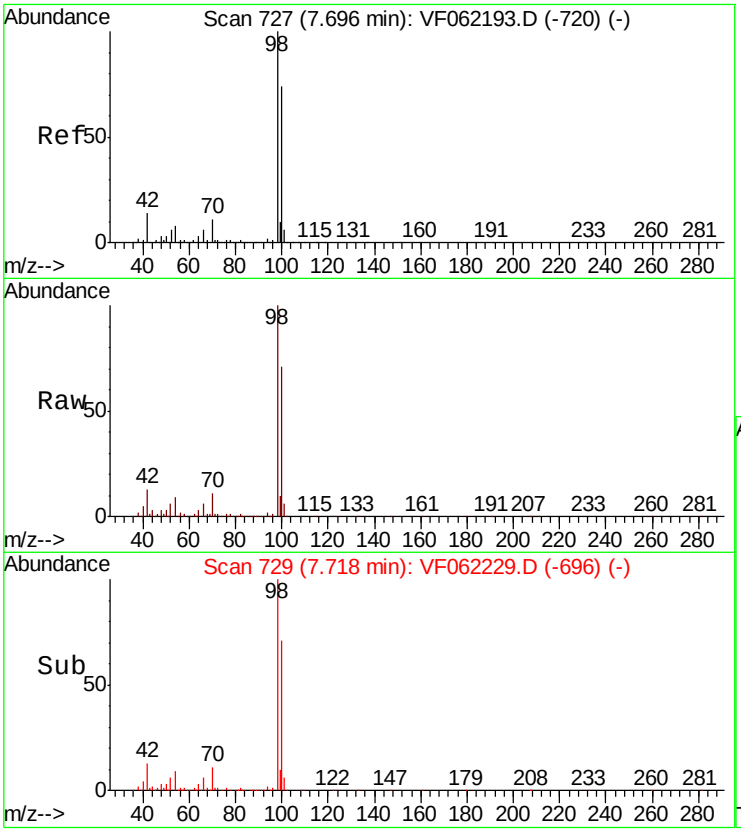


#49
1,4-Dioxane
Concen: 1.875 ug/l
RT: 6.97 min Scan# 653
Delta R.T. 0.11 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
43	0.0	36.9	55.3#
58	93.9	56.8	85.2#

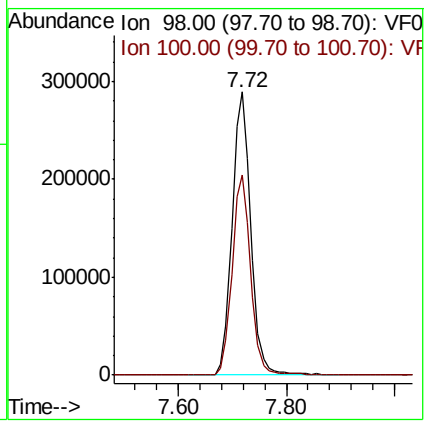


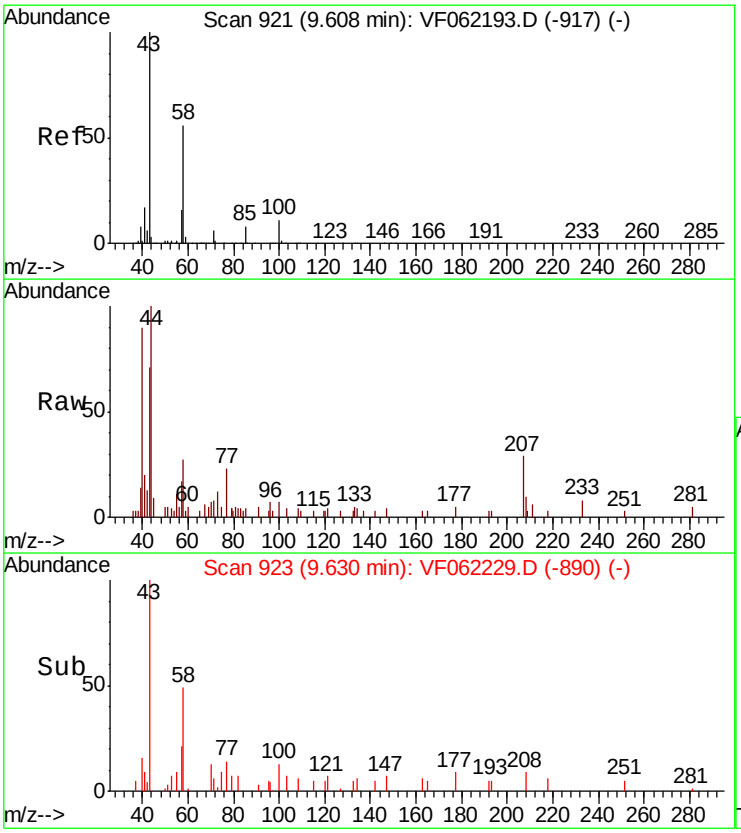


#50
Toluene-d8
Concen: 40.215 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion: 98 Resp: 698914

Ion	Ratio	Lower	Upper
98	100		
100	70.0	56.2	84.2

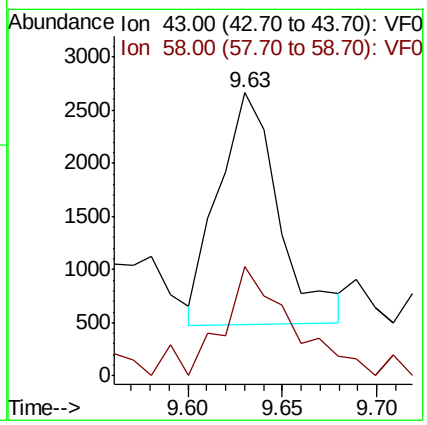


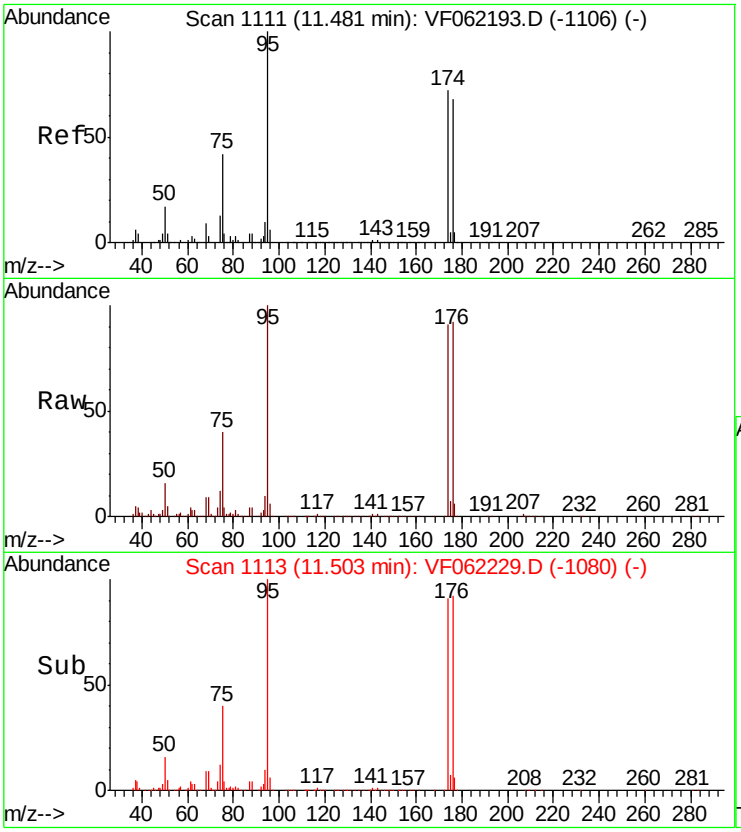


#59
2-Hexanone
Concen: 2.364 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.02 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion: 43 Resp: 4827

Ion	Ratio	Lower	Upper
43	100		
58	55.7	24.6	74.0

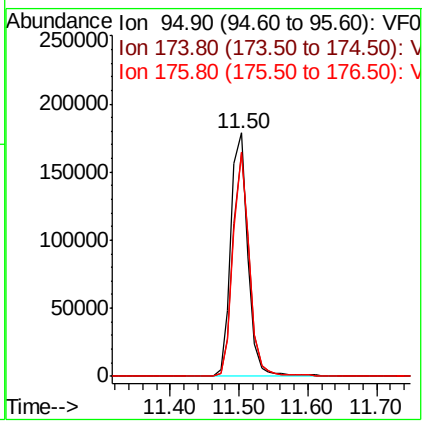


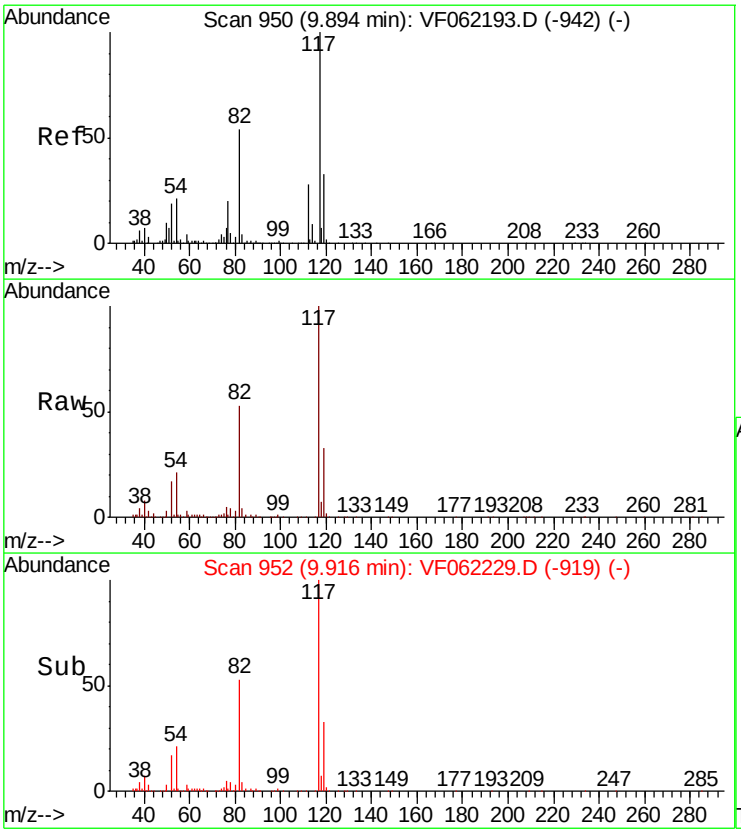


#62
4-Bromofluorobenzene
Concen: 46.178 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion: 95 Resp: 308739

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	159.4
176	87.7	0.0	155.4

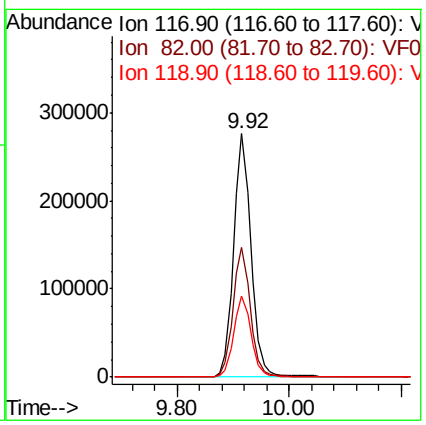


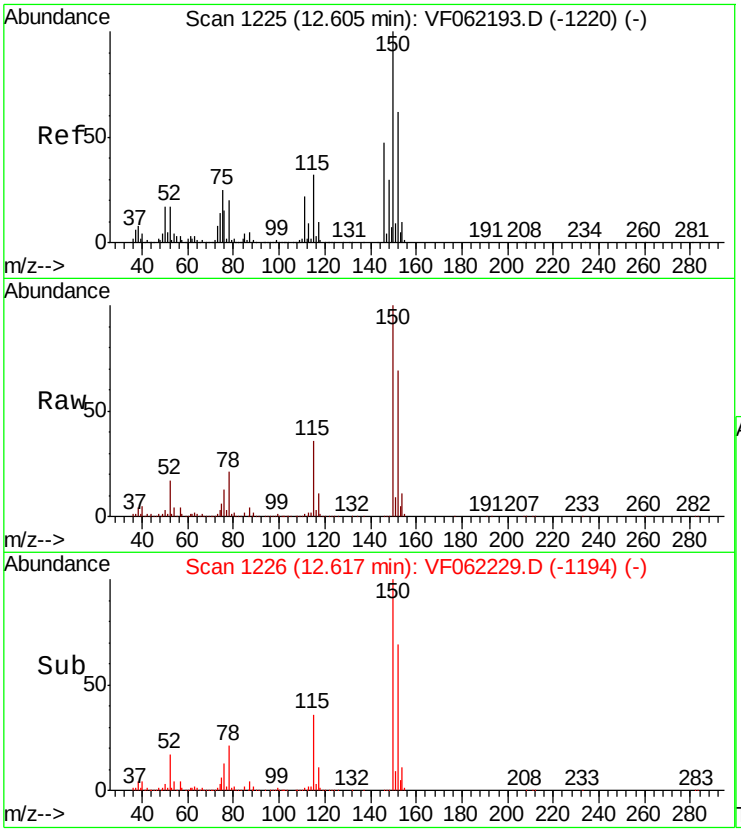


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion:117 Resp: 598055

Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.2	64.8
119	33.2	26.2	39.4

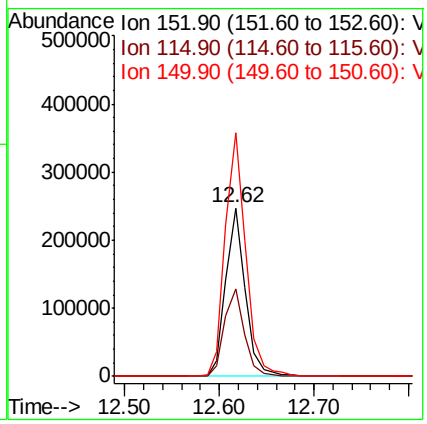


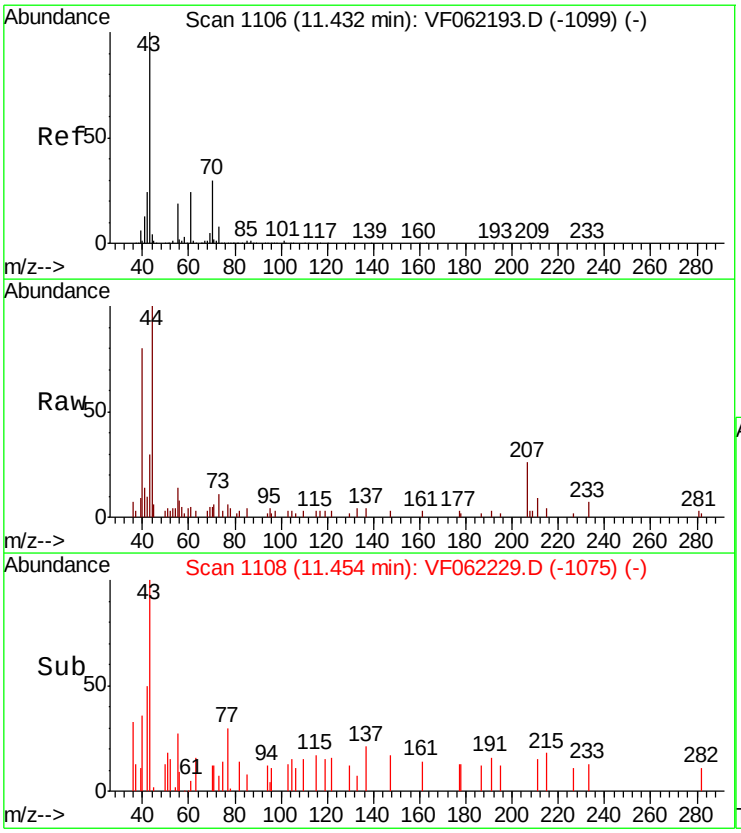


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion:152 Resp: 356569

Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.8	83.3
150	151.3	0.0	341.8

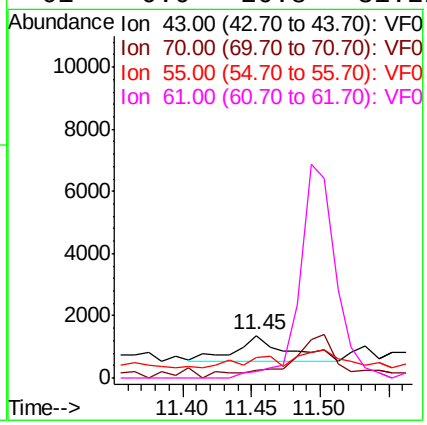


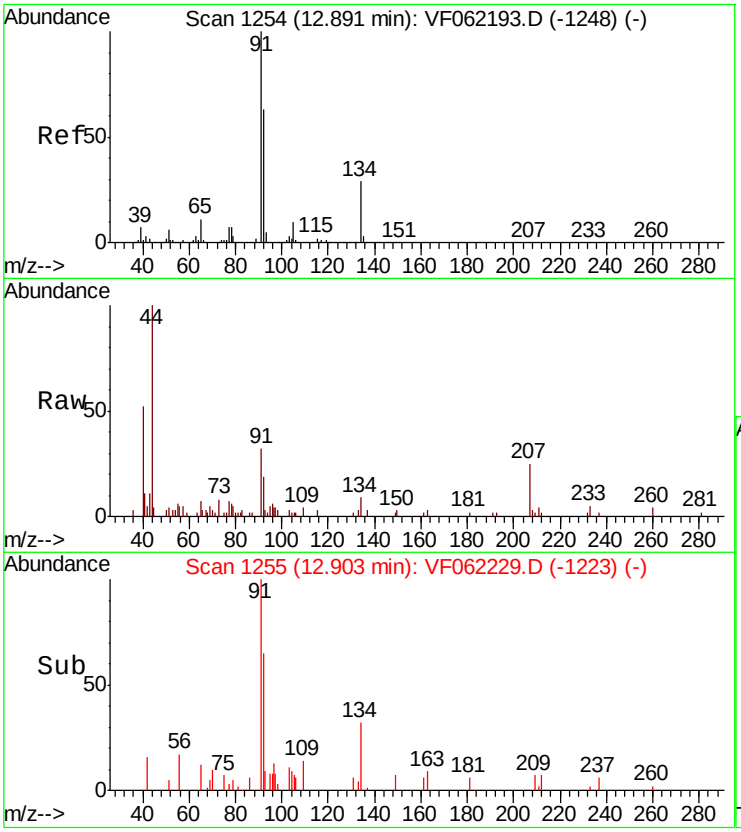


#74
N-amyl acetate
Concen: Below Cal
RT: 11.45 min Scan# 1108
Delta R.T. 0.02 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion: 43 Resp: 2253

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.0	40.4#
55	27.7	15.7	23.5#
61	0.0	20.8	31.2#





#89
n-Butylbenzene
Concen: Below Cal
RT: 12.90 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VF062229.D
Acq: 19 Apr 2019 17:13

Tgt Ion: 91 Resp: 3395

Ion	Ratio	Lower	Upper
91	100		
92	50.8	31.2	93.6
134	33.0	13.1	39.1