Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062446.D
Acq On : 11 May 2019 4:34
Operator : FY/SY
Sample : K2719-21
Misc : 3.67g/5mL/MSVOA_F/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P026-SS011-1218-01

Quant Time: May 11 05:42:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	181319	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	226733	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	97250	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	28768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	143100	83.51	ug/l	0.02
Spiked Amount 50.000			Recovery = 167.02%			
35) Dibromofluoromethane	4.32	113	143744	79.58	ug/l	0.01
Spiked Amount 50.000			Recovery = 159.16%			
50) Toluene-d8	7.72	98	158324	36.21	ug/l	0.01
Spiked Amount 50.000			Recovery = 72.42%			
62) 4-Bromofluorobenzene	11.50	95	38286	19.41	ug/l	0.01
Spiked Amount 50.000			Recovery = 38.82%			
Target Compounds						Qvalue
5) Bromomethane	1.39	94	494	Below Cal	#	3
8) Diethyl Ether	1.71	74	463	1.068	ug/l	92
11) Tert butyl alcohol	2.73	59	743	7.672	ug/l #	70
13) Acrolein	2.14	56	875	Below Cal	#	72
15) Acrylonitrile	3.09	53	550	2.998	ug/l #	38
16) Acetone	2.36	43	9951	28.707	ug/l #	77
18) Methyl Acetate	2.50	43	1675	Below Cal		93
20) Methylene Chloride	2.34	84	9064	7.227	ug/l #	73
25) 2-Butanone	4.54	43	1082	2.485	ug/l #	60
29) Tetrahydrofuran	4.27	42	585	2.923	ug/l #	46
37) Ethyl Acetate	4.34	43	878	Below Cal	#	73
38) Carbon Tetrachloride	4.18	117	151	Below Cal	#	14
39) Methylcyclohexane	5.79	83	3649	1.868	ug/l #	41
49) 1,4-Dioxane	6.89	88	76	Below Cal	#	1
59) 2-Hexanone	9.63	43	552	1.189	ug/l	82
74) N-amyl acetate	11.45	43	766	2.092	ug/l #	55
76) 1,2,3-Trichloropropane	11.89	75	363	1.782	ug/l #	100
81) trans-1,4-Dichloro-2-buten	11.95	75	77	1.005	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.75	75	64	1.070	ug/l #	1

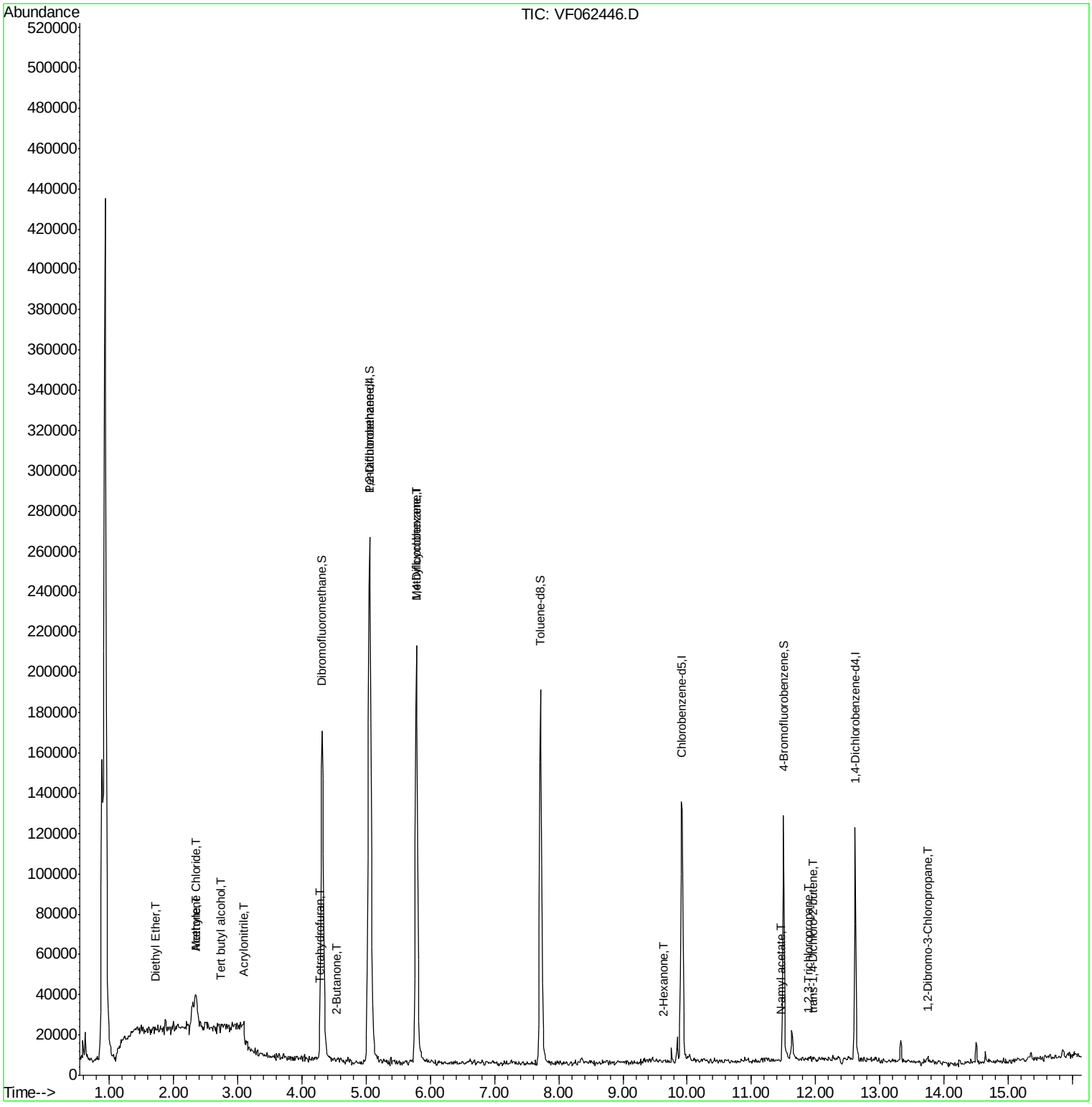
(#) = qualifier out of range (m) = manual integration (+) = signals summed

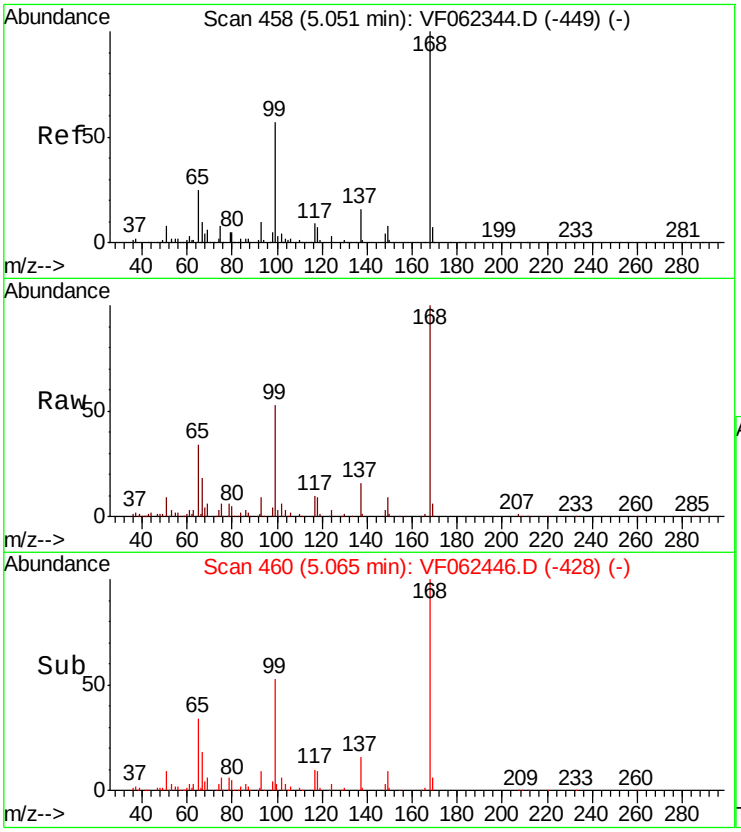
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062446.D
Acq On : 11 May 2019 4:34
Operator : FY/SY
Sample : K2719-21
Misc : 3.67g/5mL/MSVOA_F/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-1218-01

Quant Time: May 11 05:42:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration



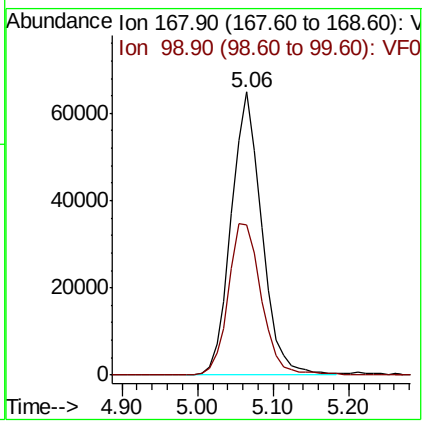


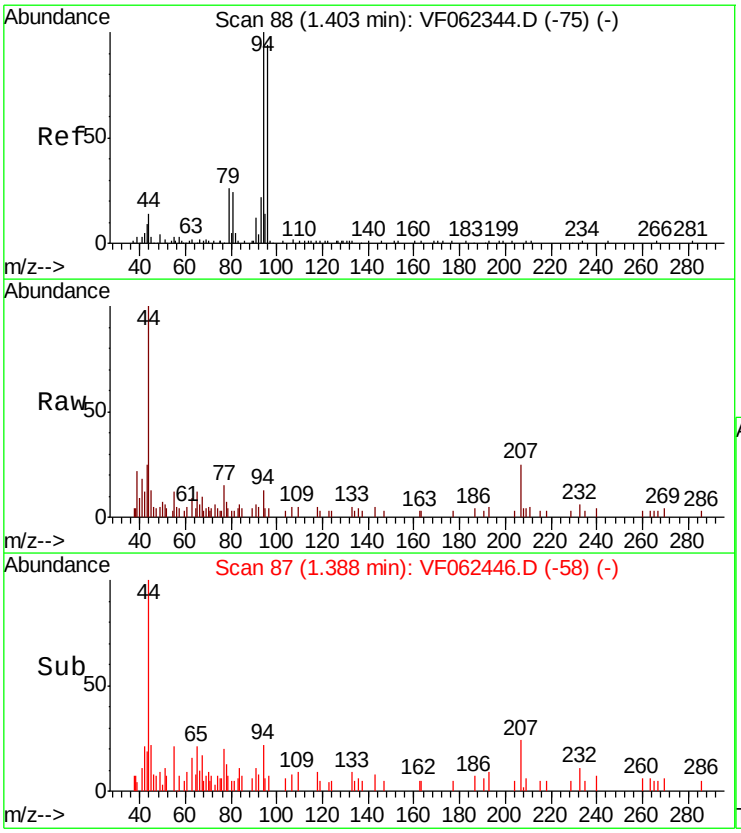
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 460
Delta R.T. 0.01 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-1218-01

Tgt Ion:168 Resp: 181319

Ion	Ratio	Lower	Upper
168	100		
99	53.0	45.9	68.9

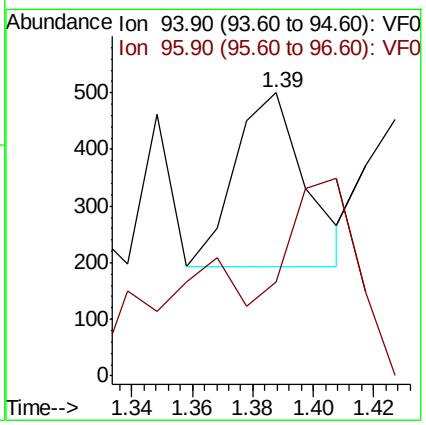


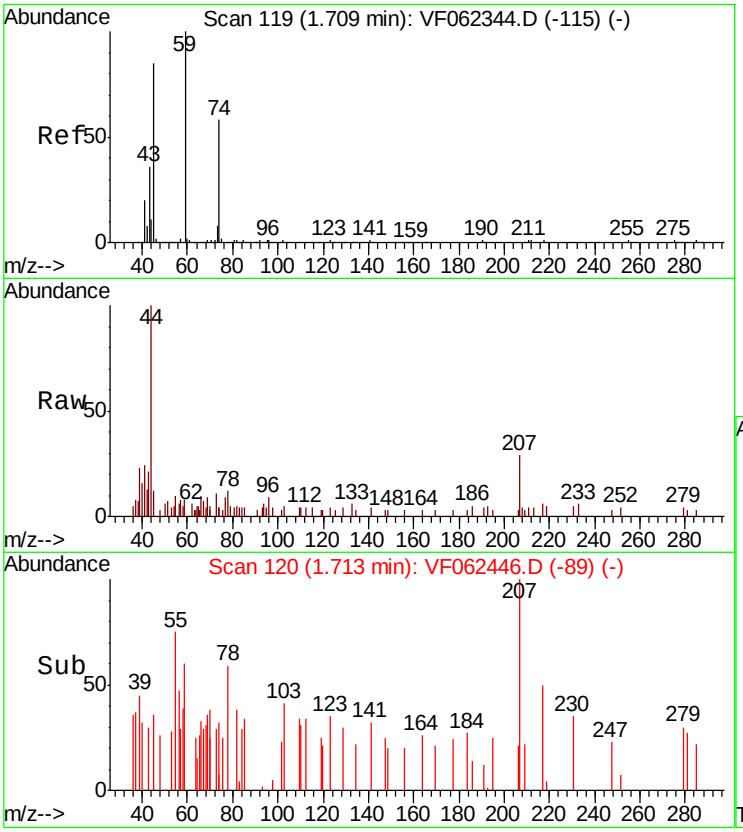


#5
Bromomethane
Concen: Below Cal
RT: 1.39 min Scan# 87
Delta R.T. -0.02 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Tgt Ion: 94 Resp: 494

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#



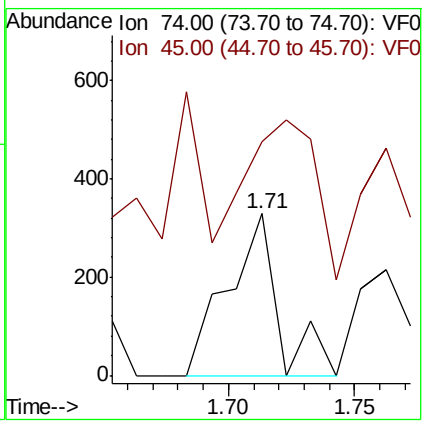


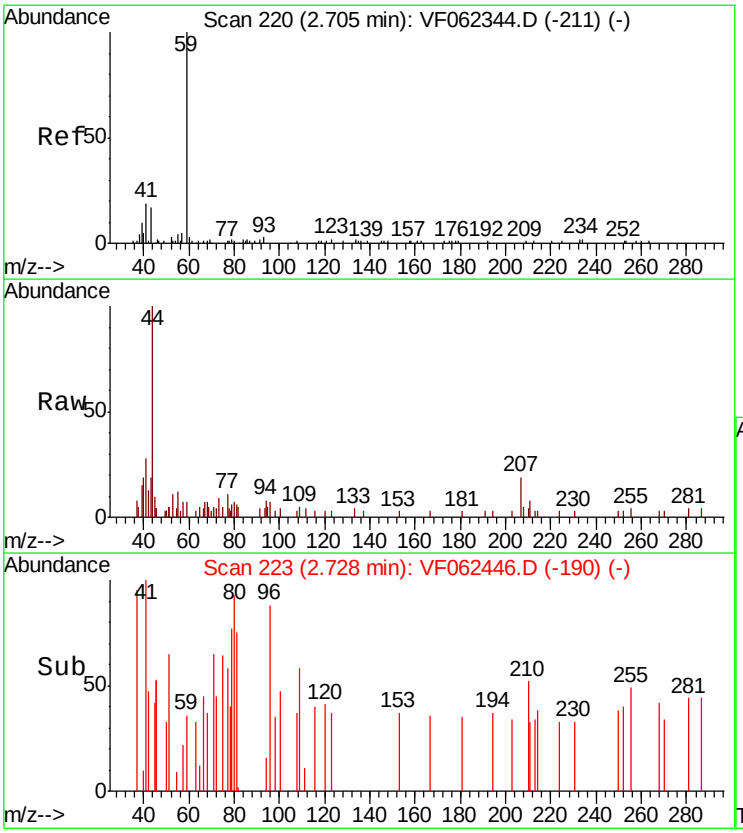
#8
Diethyl Ether
Concen: 1.068 ug/l
RT: 1.71 min Scan# 120
Delta R.T. 0.00 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-1218-01

Tgt Ion: 74 Resp: 463

Ion	Ratio	Lower	Upper
74	100		
45	137.6	73.9	221.6

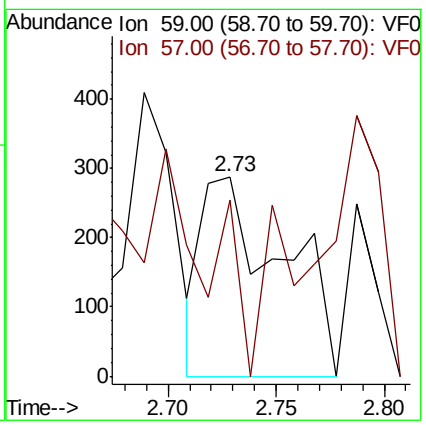


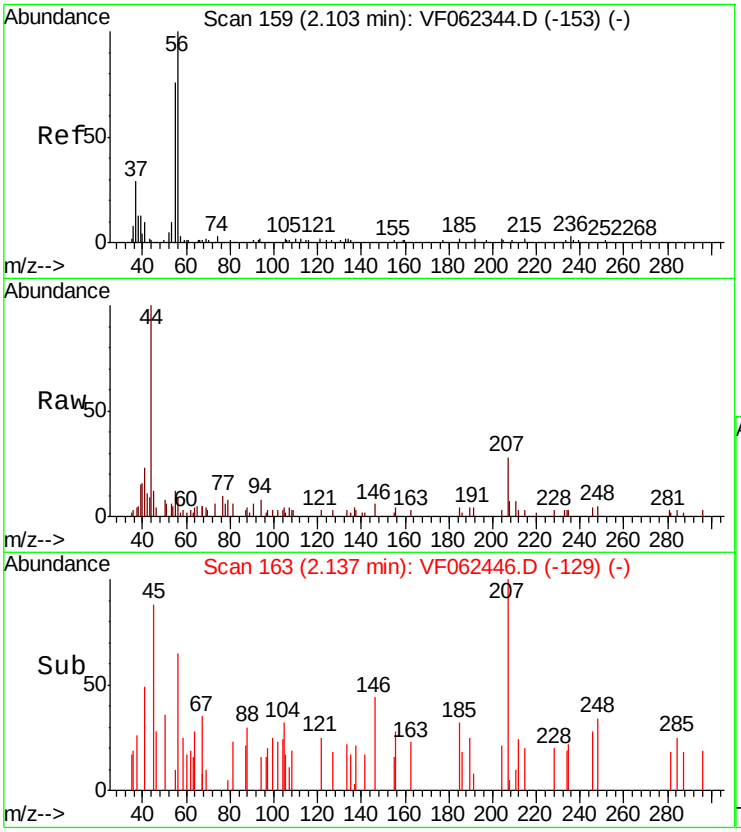


#11
Tert butyl alcohol
Concen: 7.672 ug/l
RT: 2.73 min Scan# 223
Delta R.T. 0.02 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Tgt Ion: 59 Resp: 743

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#



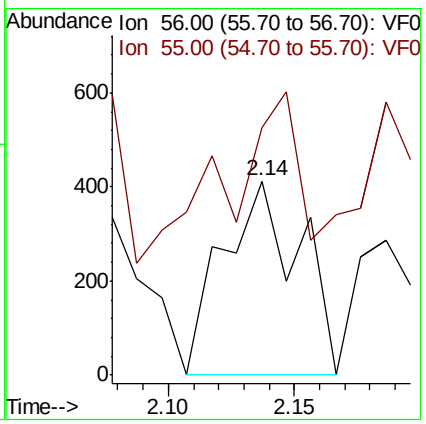


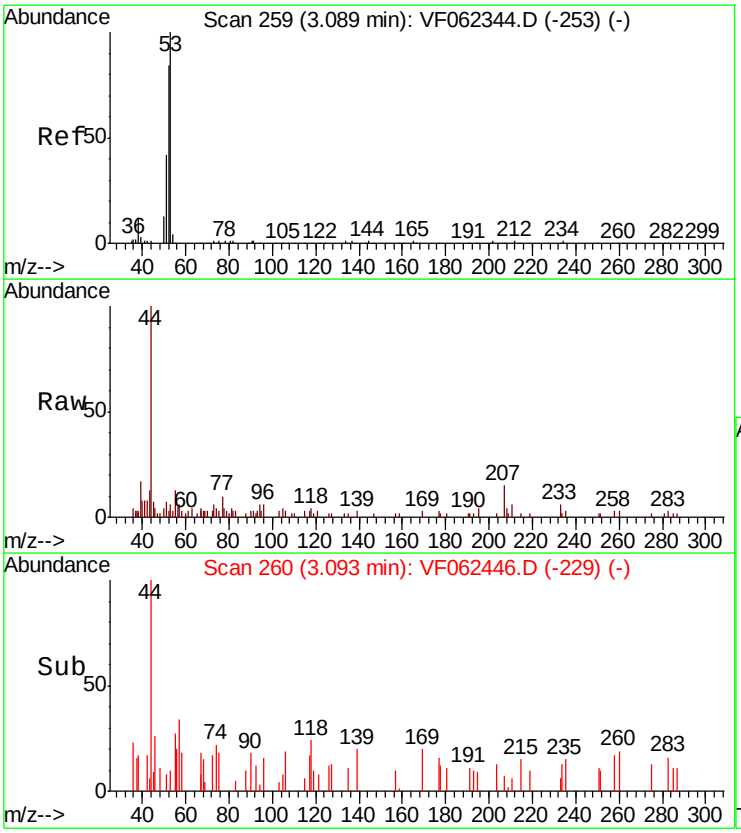
#13
Acrolein
Concen: Below Cal
RT: 2.14 min Scan# 163
Delta R.T. 0.03 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Instrument : MSVOA_F
ClientSampleId : P026-SS011-1218-01

Tgt Ion: 56 Resp: 875

Ion	Ratio	Lower	Upper
56	100		
55	49.7	58.4	87.6#

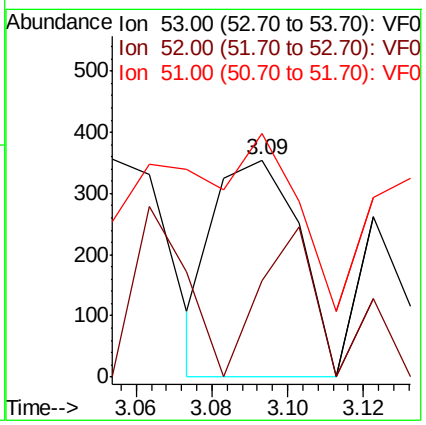


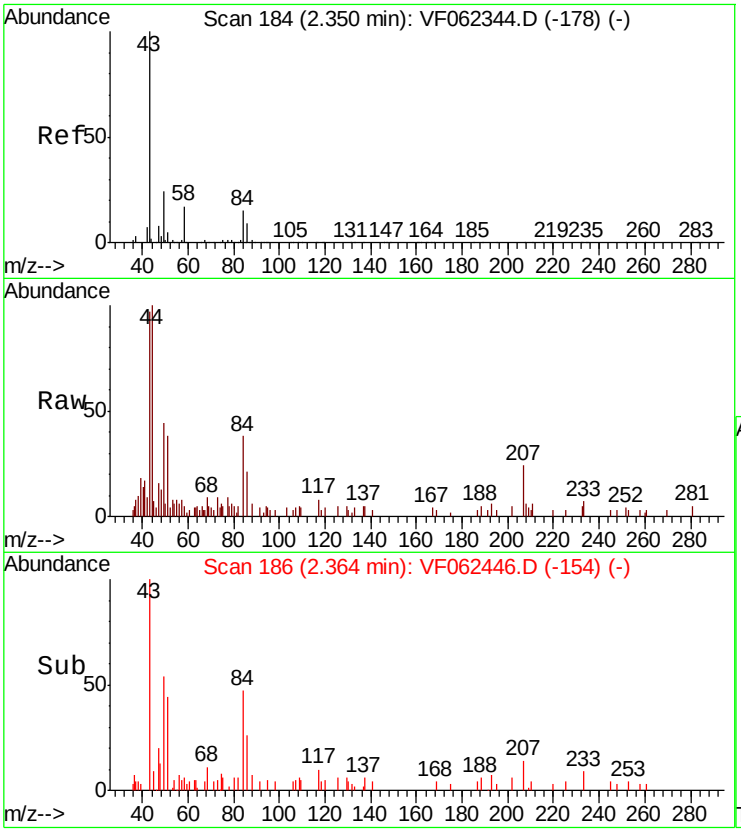


#15
Acrylonitrile
Concen: 2.998 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.00 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Tgt Ion: 53 Resp: 550

Ion	Ratio	Lower	Upper
53	100		
52	57.1	77.2	115.8#
51	123.1	40.6	61.0#



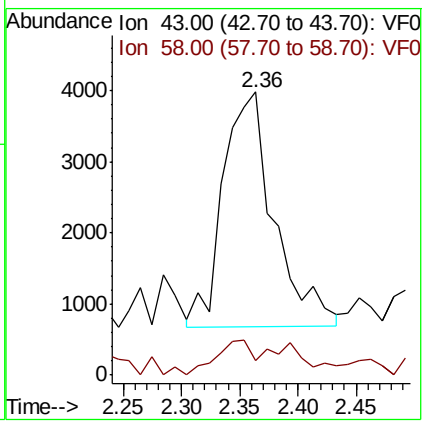


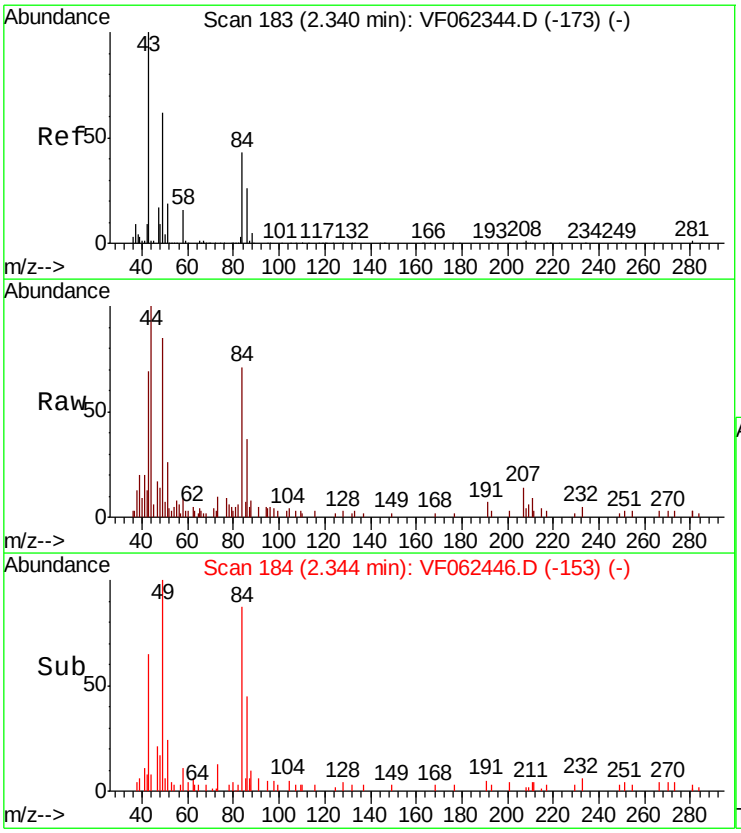
#16
Acetone
Concen: 28.707 ug/l
RT: 2.36 min Scan# 186
Delta R.T. 0.01 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Instrument : MSVOA_F
ClientSampleId : P026-SS011-1218-01

Tgt Ion: 43 Resp: 9951

Ion	Ratio	Lower	Upper
43	100		
58	6.6	13.1	19.7#

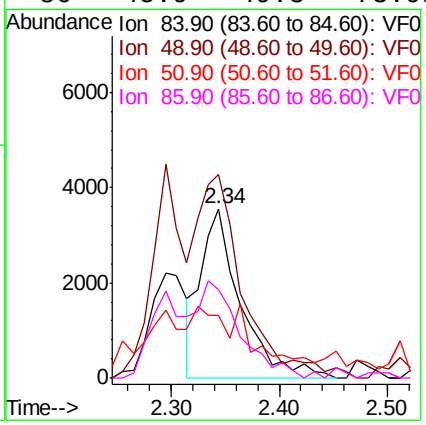


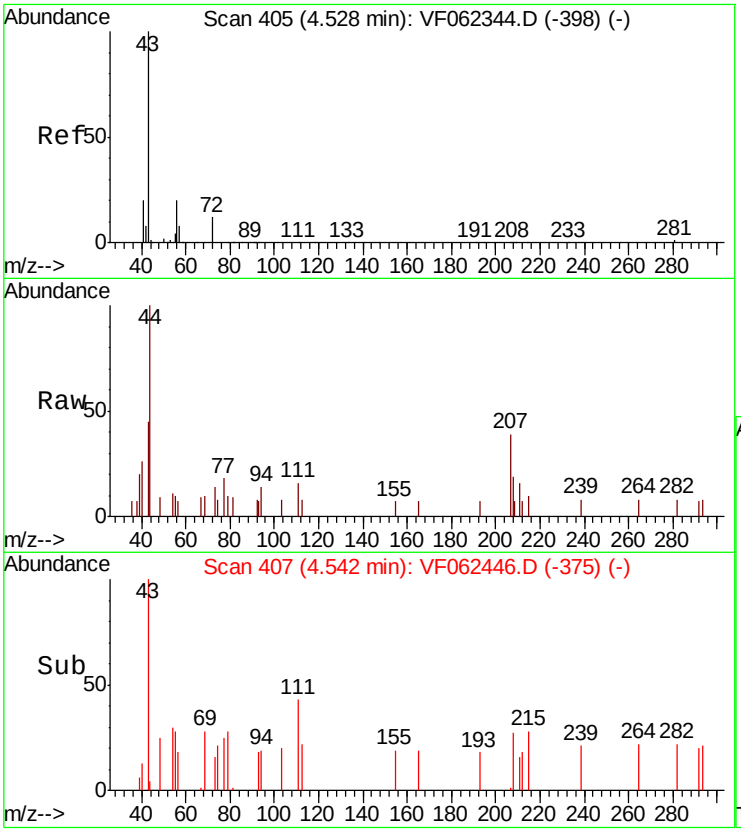


#20
Methylene Chloride
Concen: 7.227 ug/l
RT: 2.34 min Scan# 184
Delta R.T. 0.00 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Tgt Ion: 84 Resp: 9064

Ion	Ratio	Lower	Upper
84	100		
49	113.8	117.5	176.3#
51	21.5	37.0	55.4#
86	45.9	49.3	73.9#



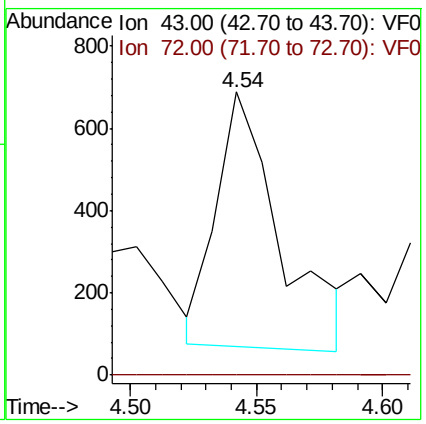


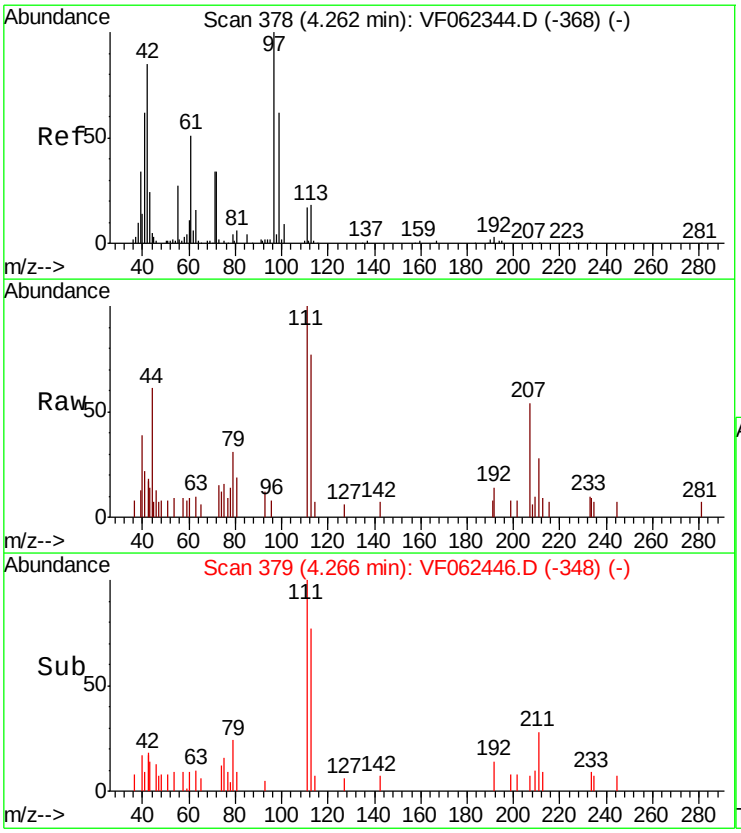
#25
2-Butanone
Concen: 2.485 ug/l
RT: 4.54 min Scan# 407
Delta R.T. 0.01 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-1218-01

Tgt Ion: 43 Resp: 1082

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#

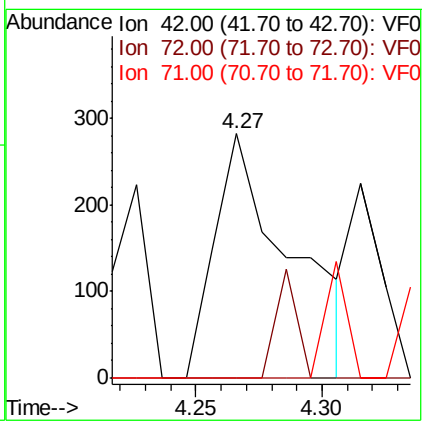


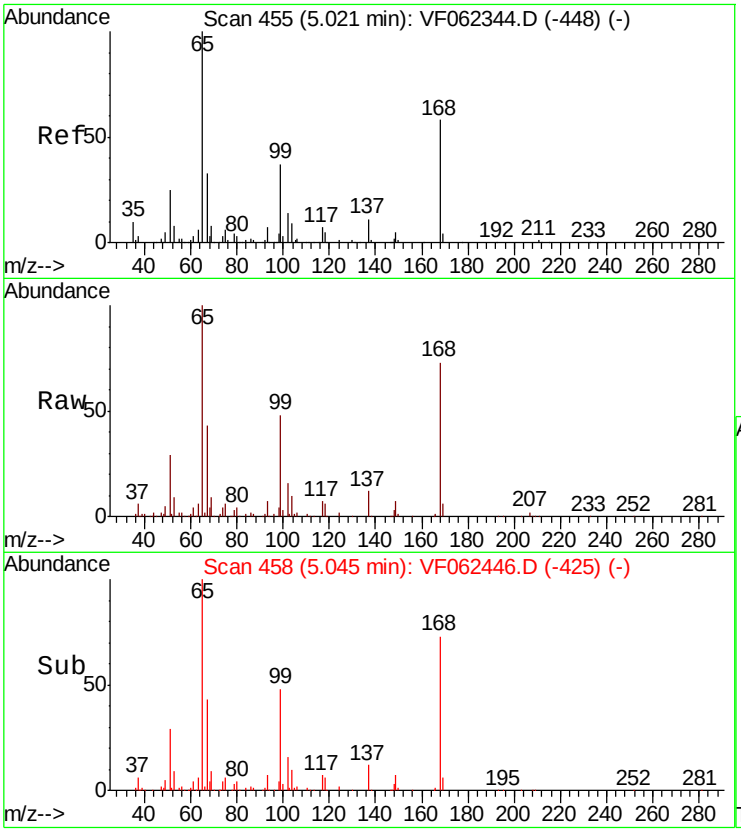


#29
Tetrahydrofuran
Concen: 2.923 ug/l
RT: 4.27 min Scan# 379
Delta R.T. 0.00 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Tgt Ion: 42 Resp: 585

Ion	Ratio	Lower	Upper
42	100		
72	12.8	31.4	47.0#
71	0.0	31.7	47.5#



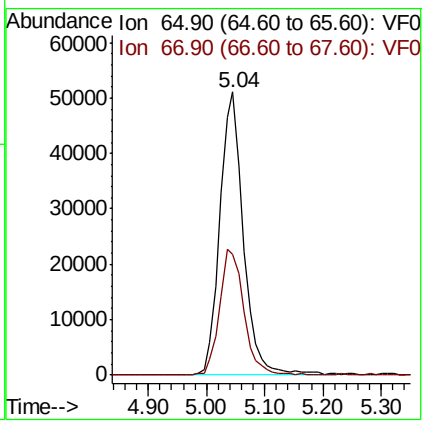


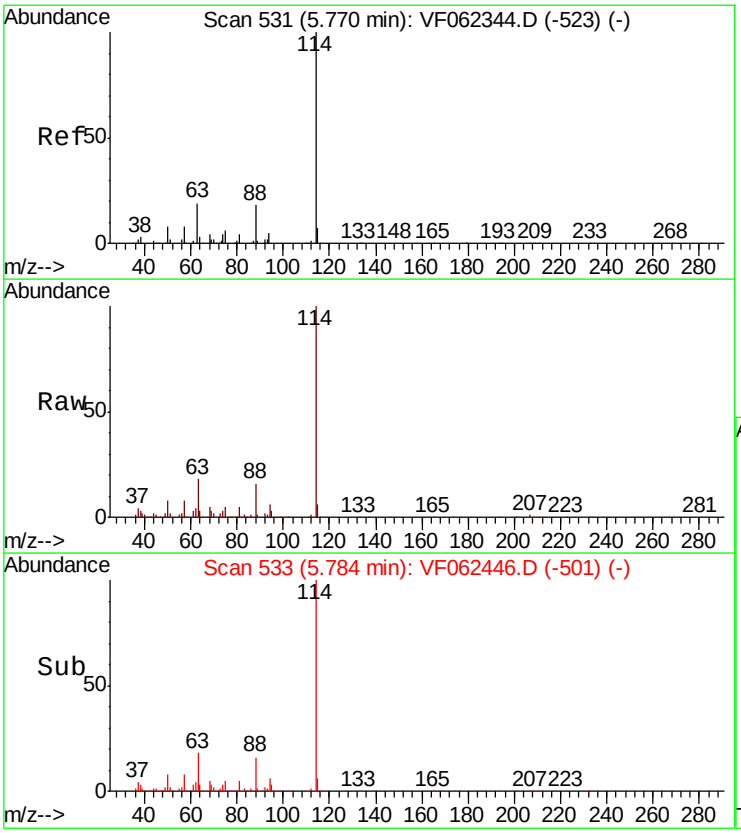
#33
1,2-Dichloroethane-d4
Concen: 83.511 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.02 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Instrument : MSVOA_F
ClientSampleId : P026-SS011-1218-01

Tgt Ion: 65 Resp: 143100

Ion	Ratio	Lower	Upper
65	100		
67	46.2	0.0	85.8

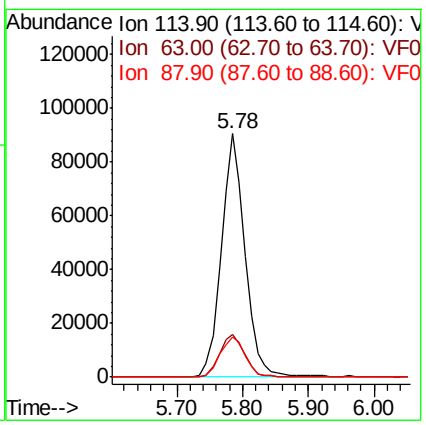


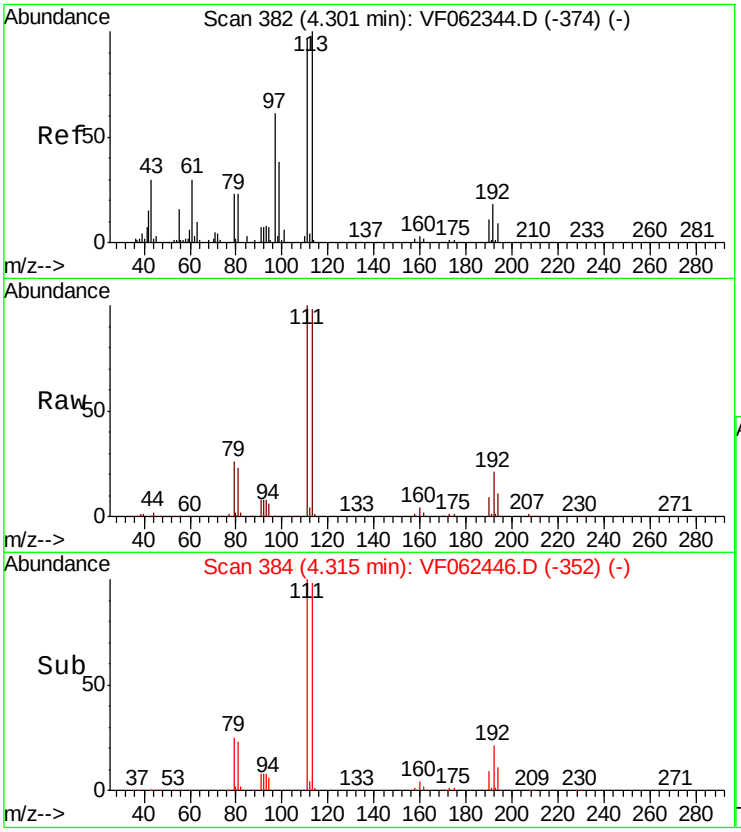


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.01 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Tgt Ion:114 Resp: 226733

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	37.4
88	16.4	0.0	36.4



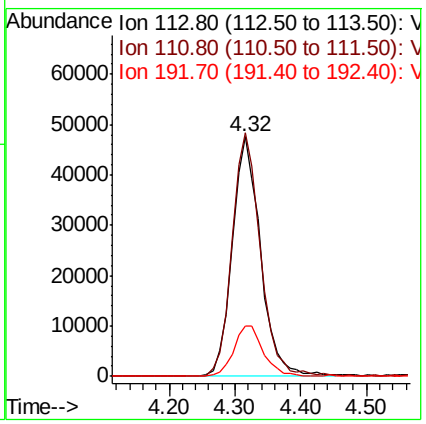


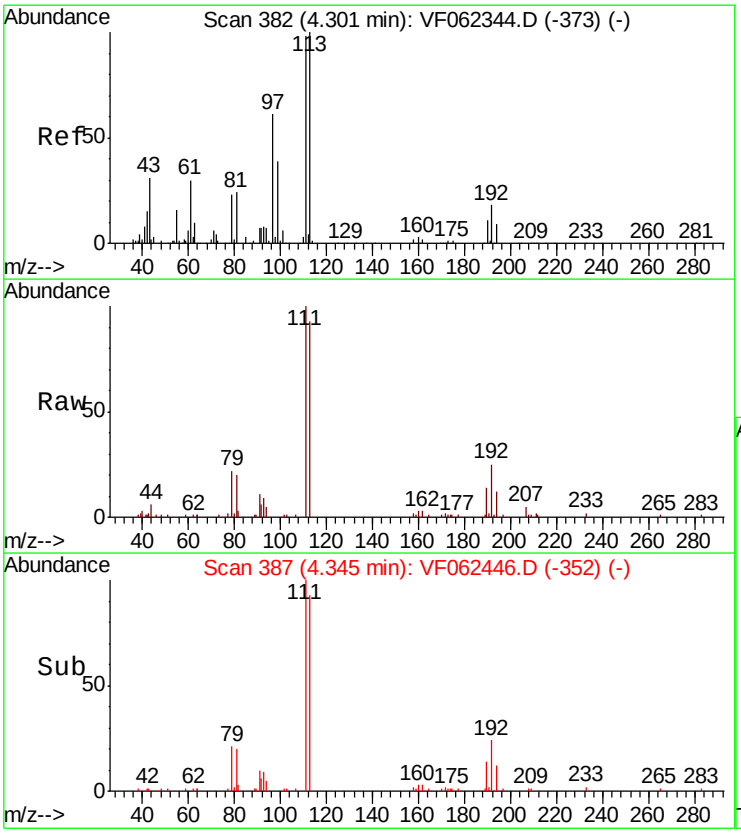
#35
Dibromofluoromethane
Concen: 79.577 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-1218-01

Tgt Ion:113 Resp: 143744

Ion	Ratio	Lower	Upper
113	100		
111	101.7	79.4	119.0
192	22.2	16.0	24.0

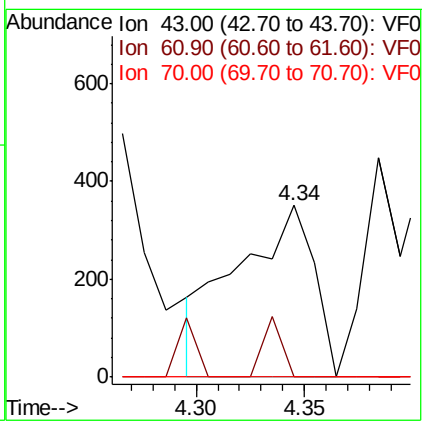


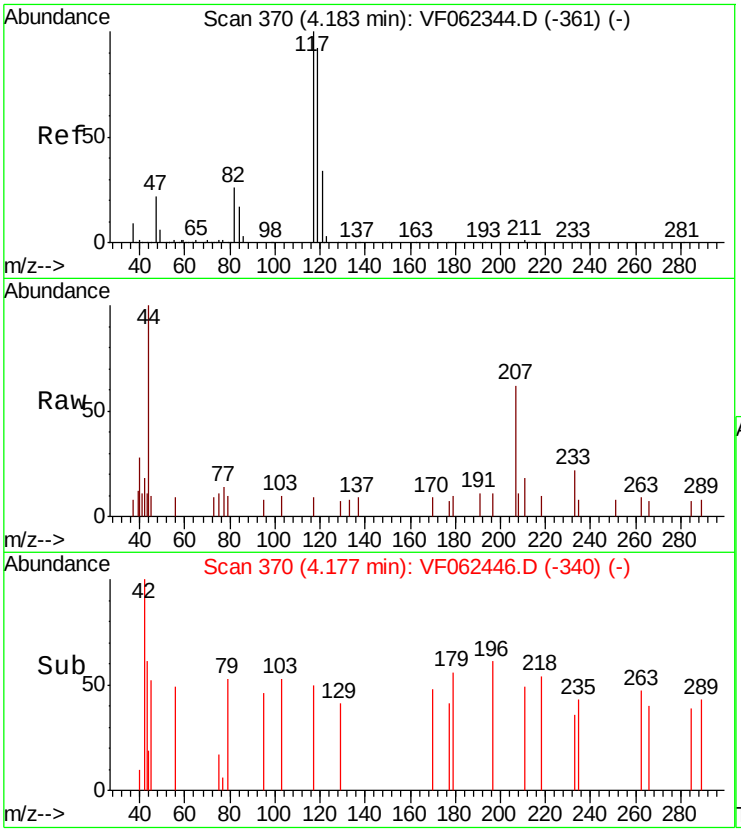


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 387
Delta R.T. 0.04 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Tgt Ion: 43 Resp: 878

Ion	Ratio	Lower	Upper
43	100		
61	8.3	0.0	0.0#
70	0.0	8.2	12.2#



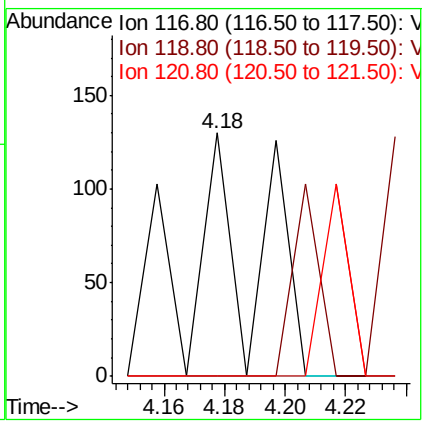


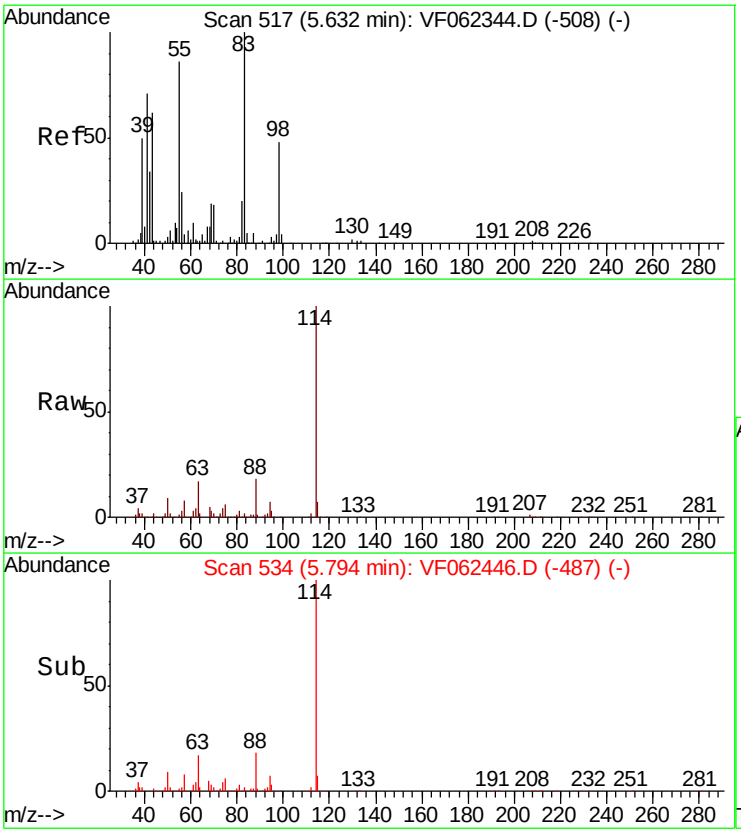
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.18 min Scan# 370
Delta R.T. -0.01 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Instrument : MSVOA_F
ClientSampleId : P026-SS011-1218-01

Tgt Ion:117 Resp: 151

Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.4	110.2#
121	0.0	27.4	41.0#

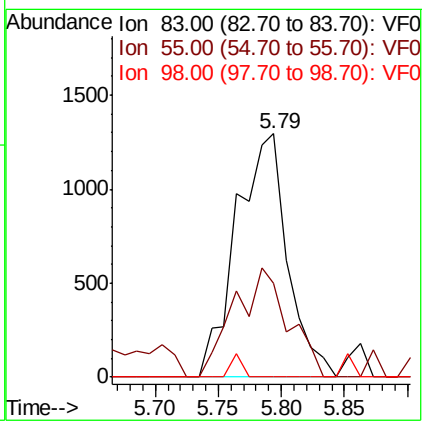


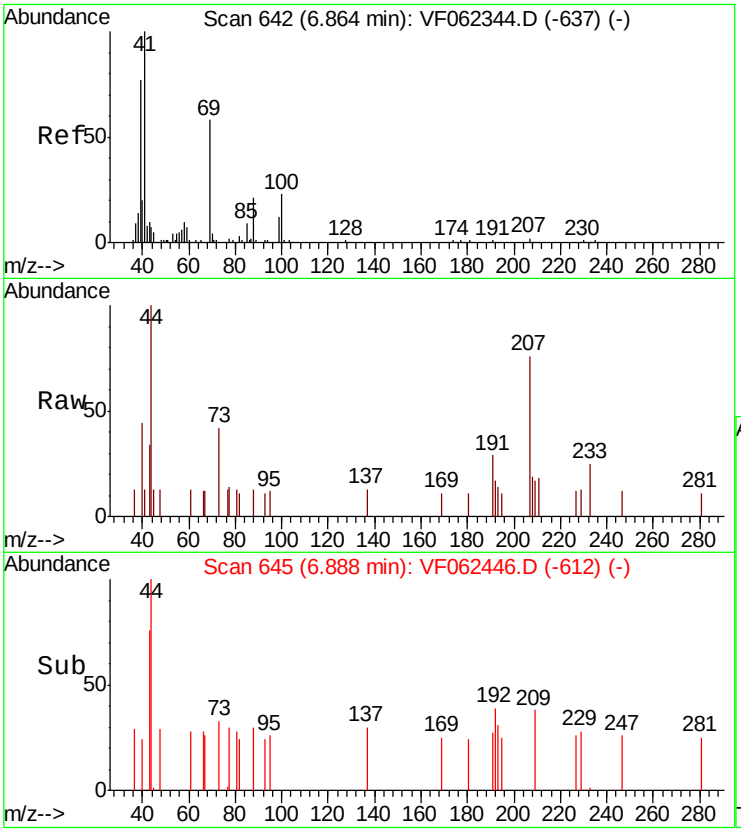


#39
Methylcyclohexane
Concen: 1.868 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.16 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Tgt Ion: 83 Resp: 3649

Ion	Ratio	Lower	Upper
83	100		
55	38.7	69.0	103.6#
98	0.0	38.6	58.0#



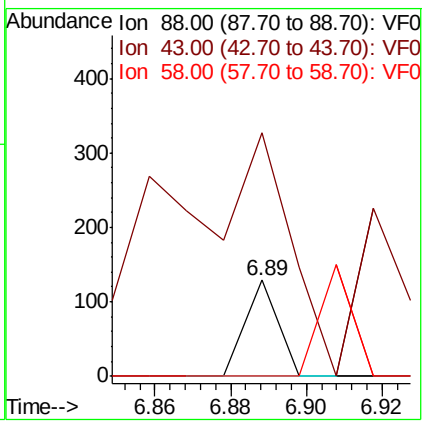


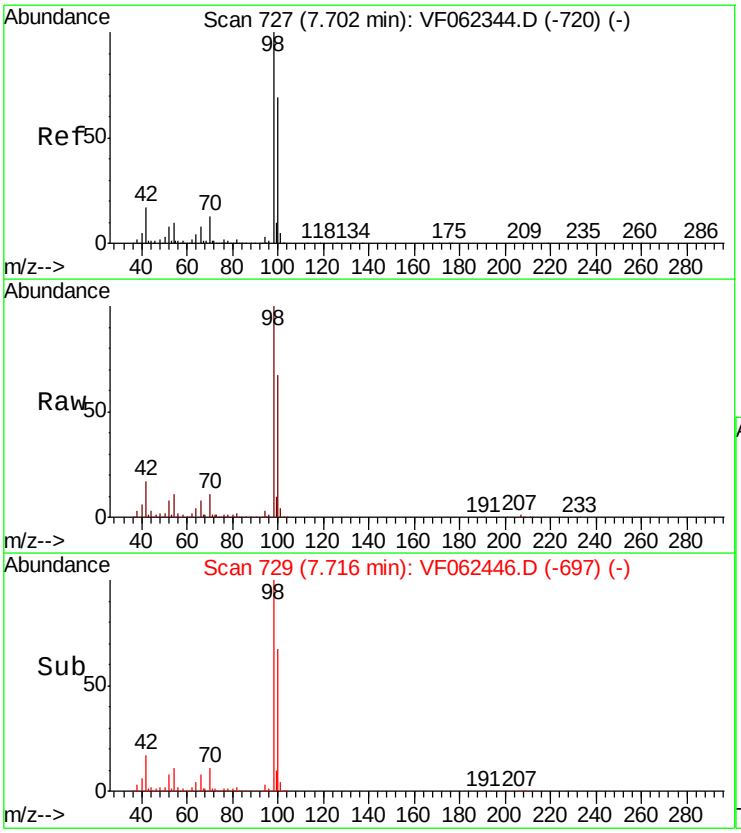
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.89 min Scan# 645
Delta R.T. 0.02 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-1218-01

Tgt Ion: 88 Resp: 76

Ion	Ratio	Lower	Upper
88	100		
43	892.1	55.6	83.4#
58	0.0	52.8	79.2#

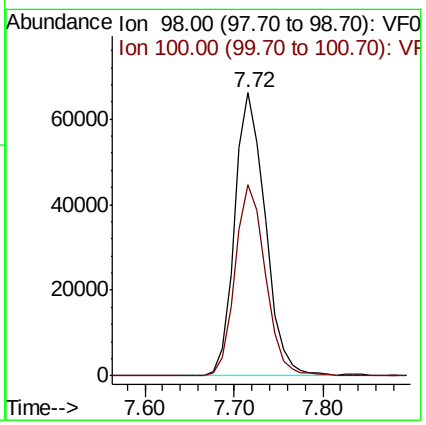


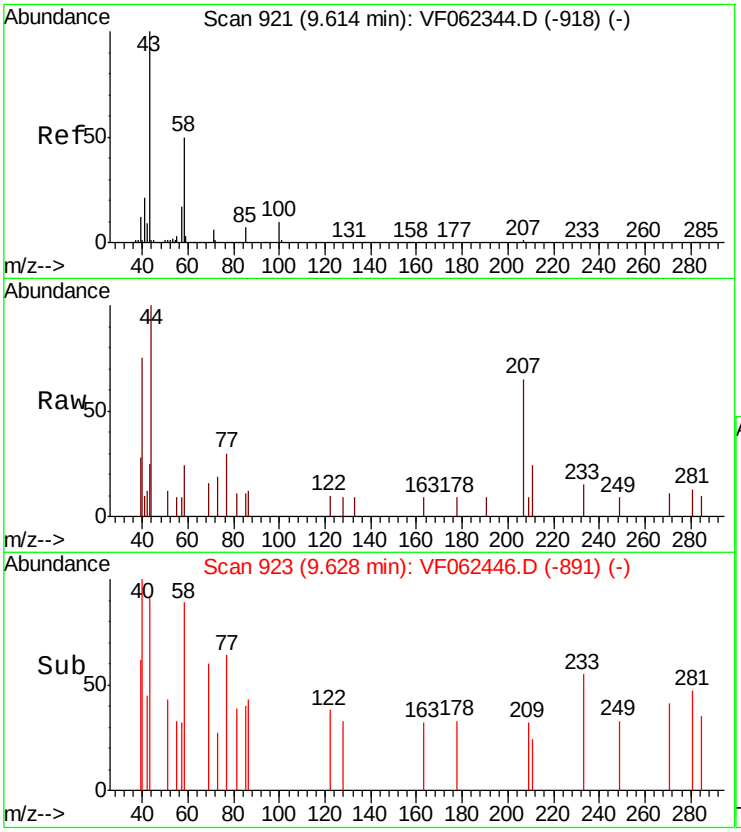


#50
Toluene-d8
Concen: 36.209 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Tgt Ion: 98 Resp: 158324

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.3	79.9



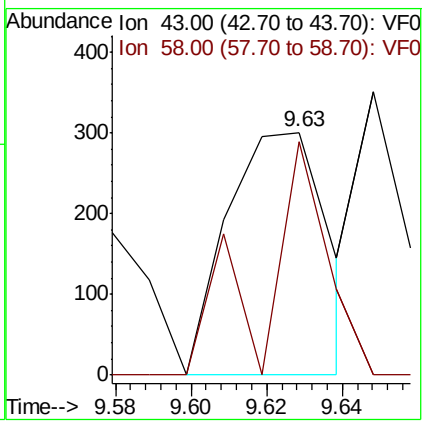


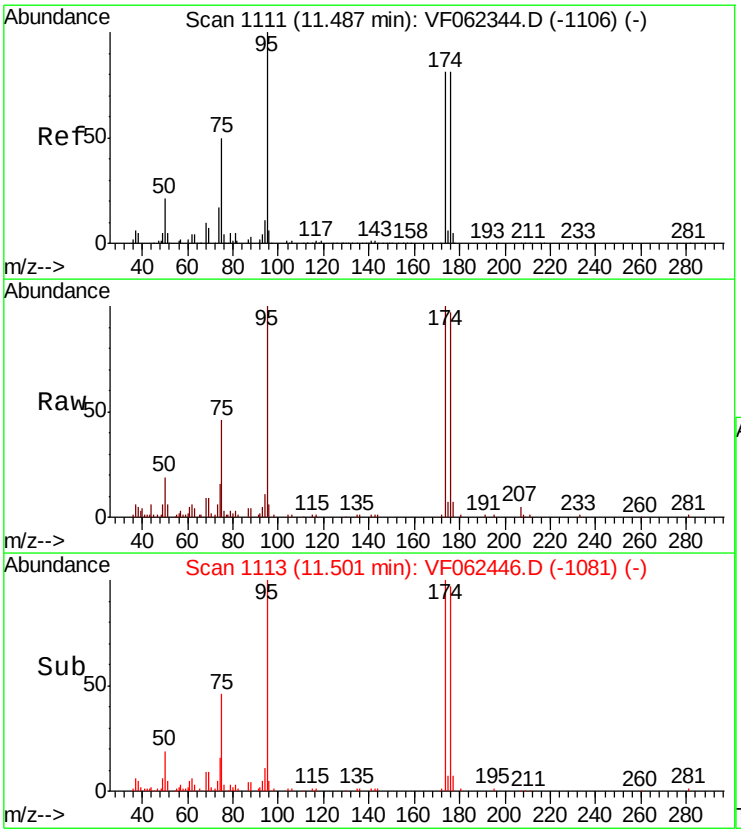
#59
2-Hexanone
Concen: 1.189 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.01 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-1218-01

Tgt Ion: 43 Resp: 552

Ion	Ratio	Lower	Upper
43	100		
58	61.2	24.3	73.0

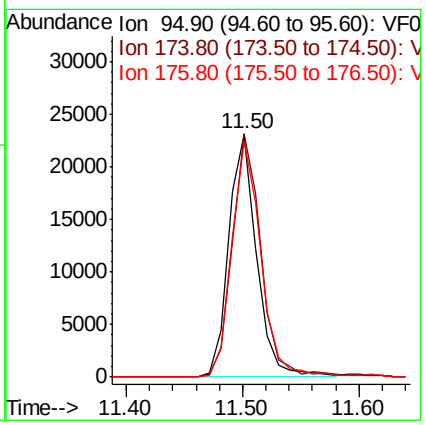


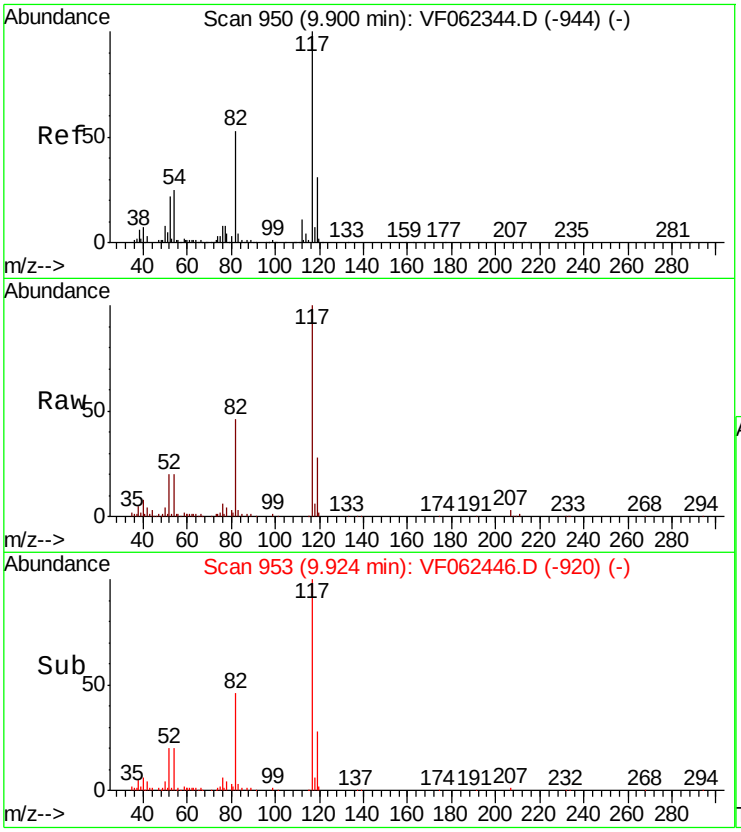


#62
4-Bromofluorobenzene
Concen: 19.408 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Tgt Ion: 95 Resp: 38286

Ion	Ratio	Lower	Upper
95	100		
174	104.2	0.0	191.8
176	102.0	0.0	193.2



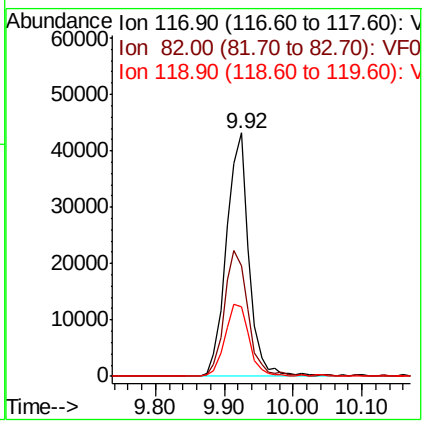


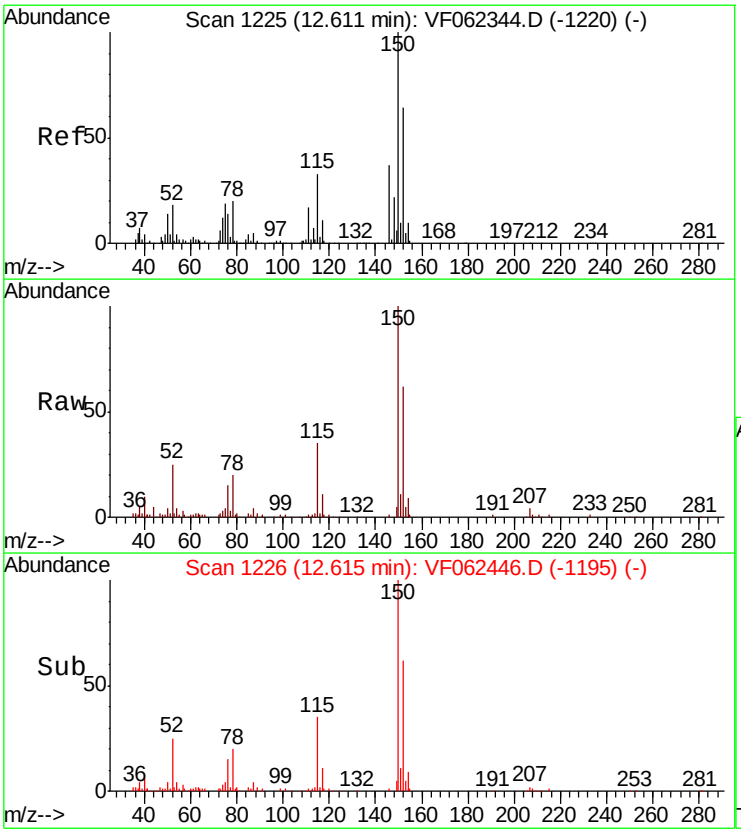
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Instrument : MSVOA_F
ClientSampleId : P026-SS011-1218-01

Tgt Ion:117 Resp: 97250

Ion	Ratio	Lower	Upper
117	100		
82	45.6	42.2	63.2
119	28.4	25.0	37.4

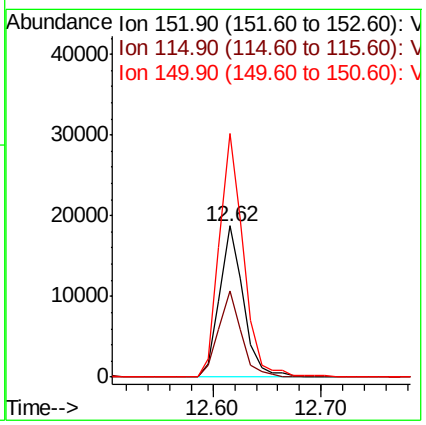


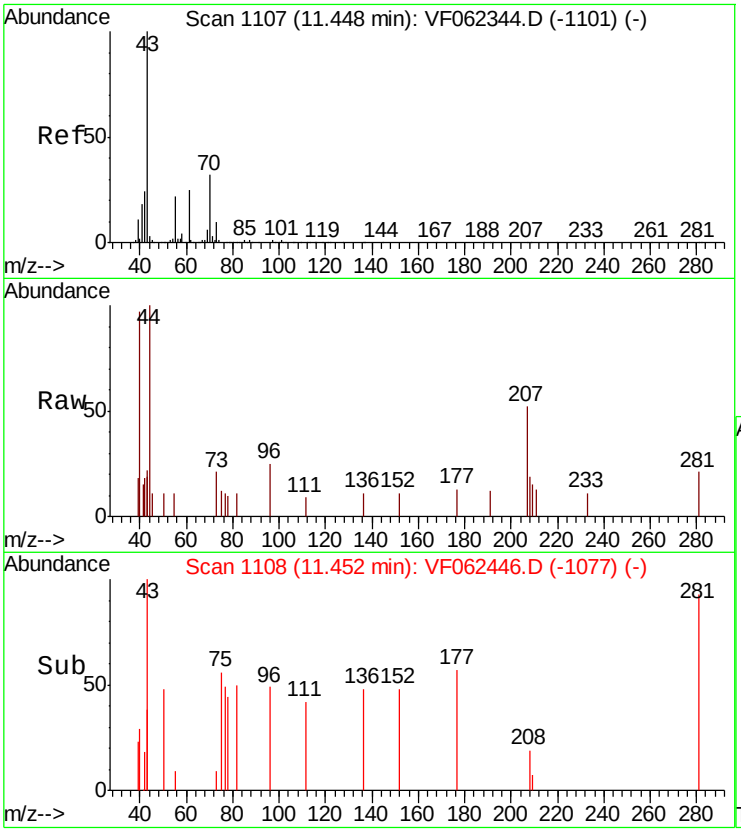


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Tgt Ion:152 Resp: 28768

Ion	Ratio	Lower	Upper
152	100		
115	55.4	26.4	79.2
150	162.3	0.0	335.0



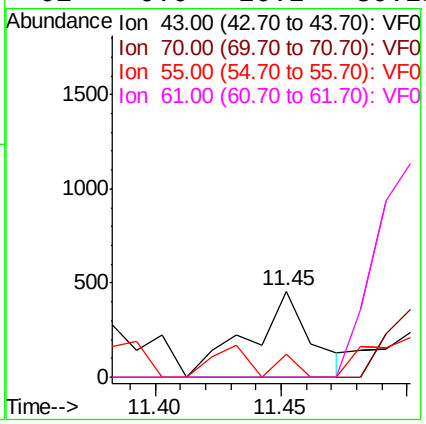


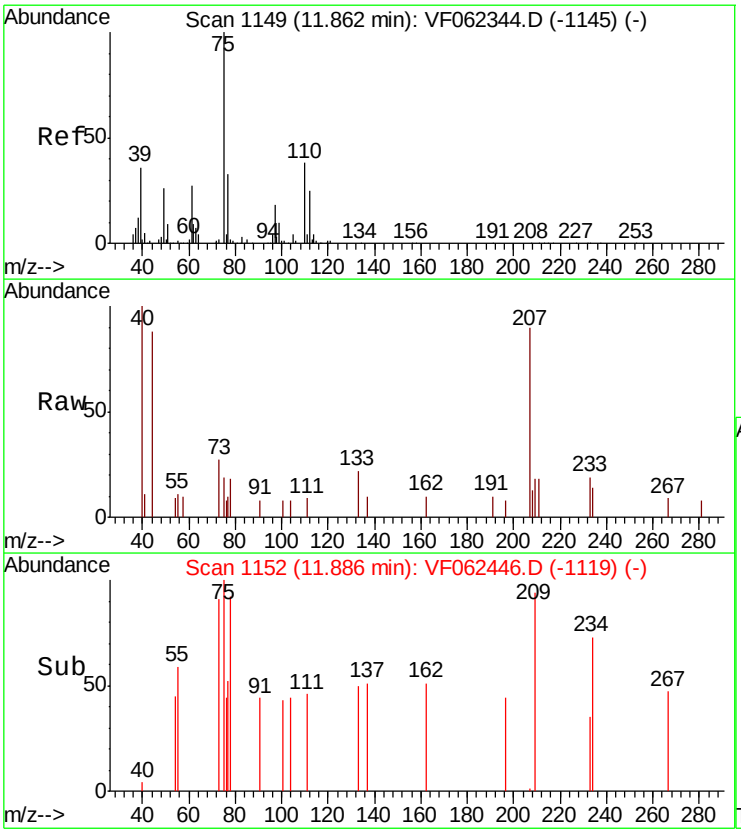
#74
N-amyl acetate
Concen: 2.092 ug/l
RT: 11.45 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Instrument : MSVOA_F
ClientSampleId : P026-SS011-1218-01

Tgt Ion: 43 Resp: 766

Ion	Ratio	Lower	Upper
43	100		
70	0.0	26.5	39.7#
55	30.7	17.8	26.6#
61	0.0	20.2	30.2#

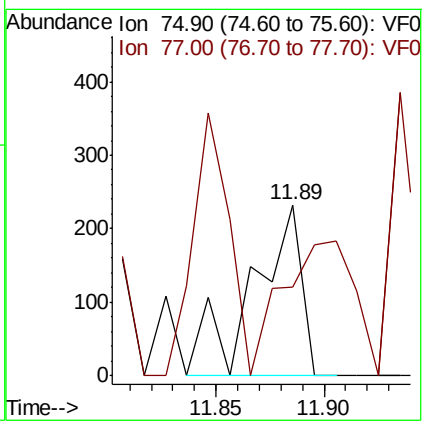


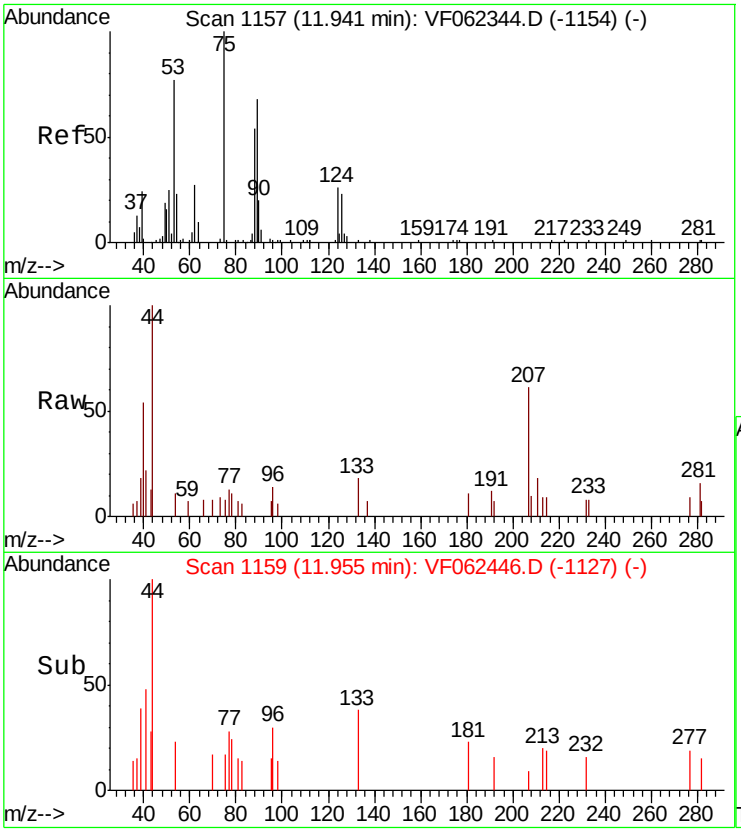


#76
1,2,3-Trichloropropane
Concen: 1.782 ug/l
RT: 11.89 min Scan# 1152
Delta R.T. 0.02 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Tgt Ion: 75 Resp: 363

Ion	Ratio	Lower	Upper
75	100		
77	116.5	0.0	0.0#



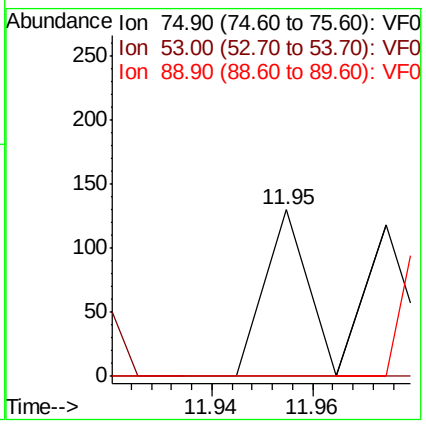


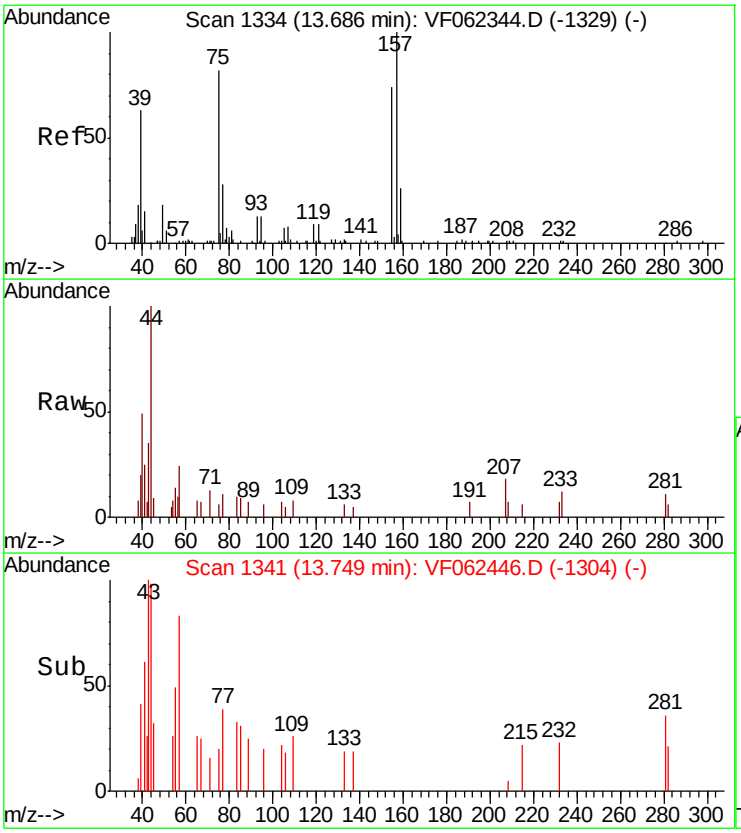
#81
trans-1,4-Dichloro-2-butene
Concen: 1.005 ug/l
RT: 11.95 min Scan# 1159
Delta R.T. 0.01 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-1218-01

Tgt Ion: 75 Resp: 77

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.9	107.9#
89	0.0	0.0	0.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.070 ug/l
RT: 13.75 min Scan# 1341
Delta R.T. 0.06 min
Lab File: VF062446.D
Acq: 11 May 2019 4:34

Tgt Ion: 75 Resp: 64

Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.8	155.4#
157	0.0	67.3	201.8#