Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062506.D
Acq On : 12 May 2019 16:40
Operator : FY/SY
Sample : K2734-08
Misc : 5.30g/5mL/MSVOA_F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0612-01

Quant Time: May 13 04:46:56 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	5.07	168	91932	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	153475	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	98697	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	33652	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	93711	107.86	ug/l	0.03
Spiked Amount 50.000			Recovery = 215.72%			
35) Dibromofluoromethane	4.33	113	95451	78.07	ug/l	0.02
Spiked Amount 50.000			Recovery = 156.14%			
50) Toluene-d8	7.73	98	94820	32.04	ug/l	0.02
Spiked Amount 50.000			Recovery = 64.08%			
62) 4-Bromofluorobenzene	11.51	95	30758	23.03	ug/l	0.02
Spiked Amount 50.000			Recovery = 46.06%			
Target Compounds						Qvalue
5) Bromomethane	1.41	94	146	Below Cal	#	3
6) Chloroethane	1.43	64	461	1.310	ug/l #	80
8) Diethyl Ether	1.61	74	582	2.649	ug/l	90
11) Tert butyl alcohol	2.75	59	934	19.022	ug/l #	70
13) Acrolein	2.13	56	785	5.190	ug/l #	13
15) Acrylonitrile	3.11	53	719	7.730	ug/l #	1
16) Acetone	2.36	43	3072	17.479	ug/l #	68
18) Methyl Acetate	2.47	43	1424	1.398	ug/l #	83
20) Methylene Chloride	2.33	84	5255	8.264	ug/l #	71
21) trans-1,2-Dichloroethene	2.45	96	942	1.403	ug/l #	1
23) Vinyl Acetate	3.38	43	881	1.016	ug/l #	79
25) 2-Butanone	4.54	43	380	1.721	ug/l #	60
26) 2,2-Dichloropropane	3.82	77	908	1.383	ug/l #	77
29) Tetrahydrofuran	4.51	42	160	1.577	ug/l	90
37) Ethyl Acetate	4.35	43	260	Below Cal	#	73
38) Carbon Tetrachloride	4.27	117	72	Below Cal	#	51
41) Methacrylonitrile	4.95	41	692	2.189	ug/l #	45
49) 1,4-Dioxane	6.89	88	79	5.125	ug/l #	1
51) 4-Methyl-2-Pentanone	8.43	43	1046	2.302	ug/l #	64
59) 2-Hexanone	9.67	43	1249	3.974	ug/l #	28
67) Ethyl Benzene	10.04	91	10491	3.669	ug/l	90
70) Styrene	10.90	104	8514	4.983	ug/l	97
73) Isopropylbenzene	11.23	105	2469	1.238	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.98	75	131	1.462	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.71	75	253	3.615	ug/l #	7

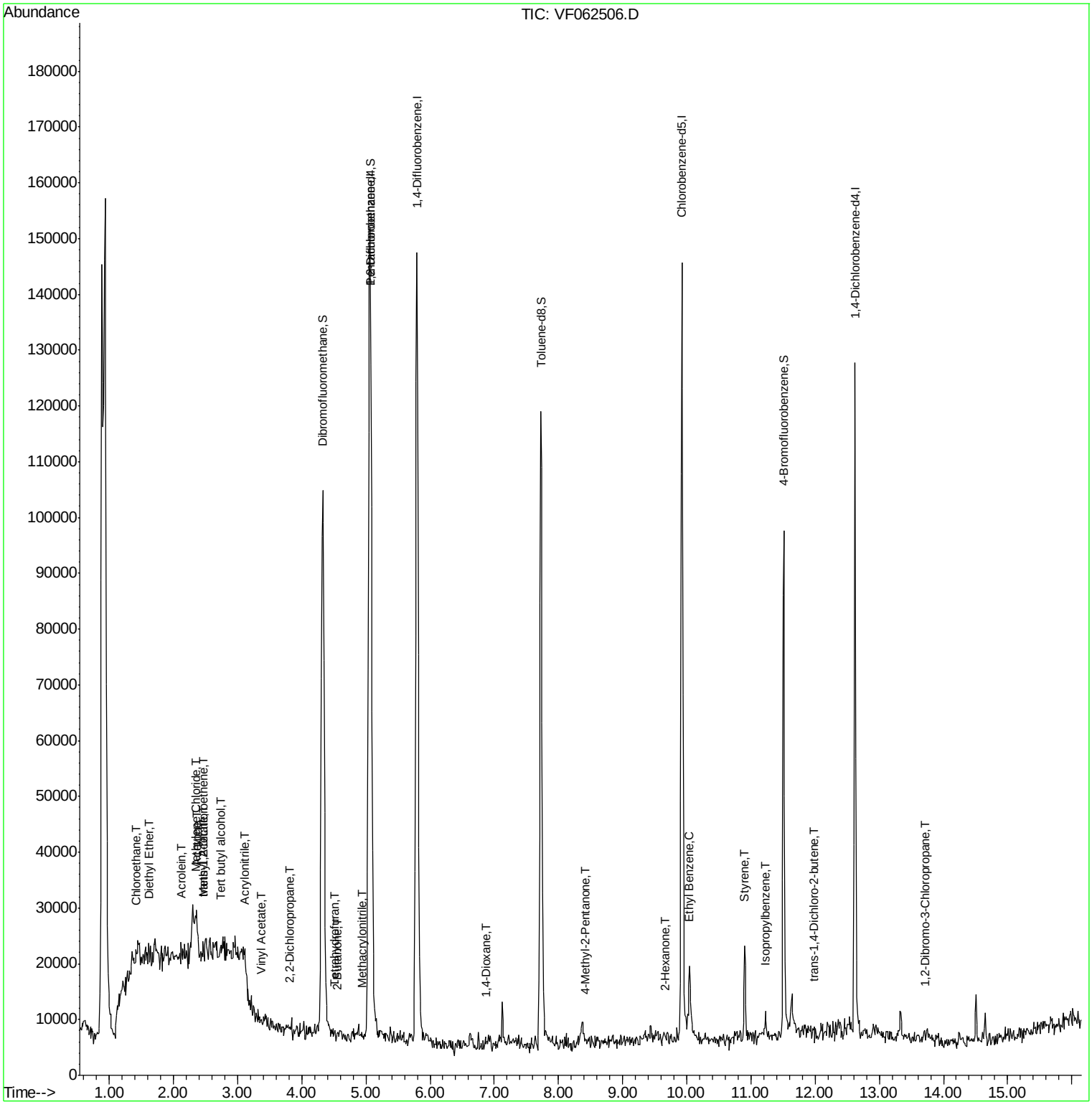
(#) = qualifier out of range (m) = manual integration (+) = signals summed

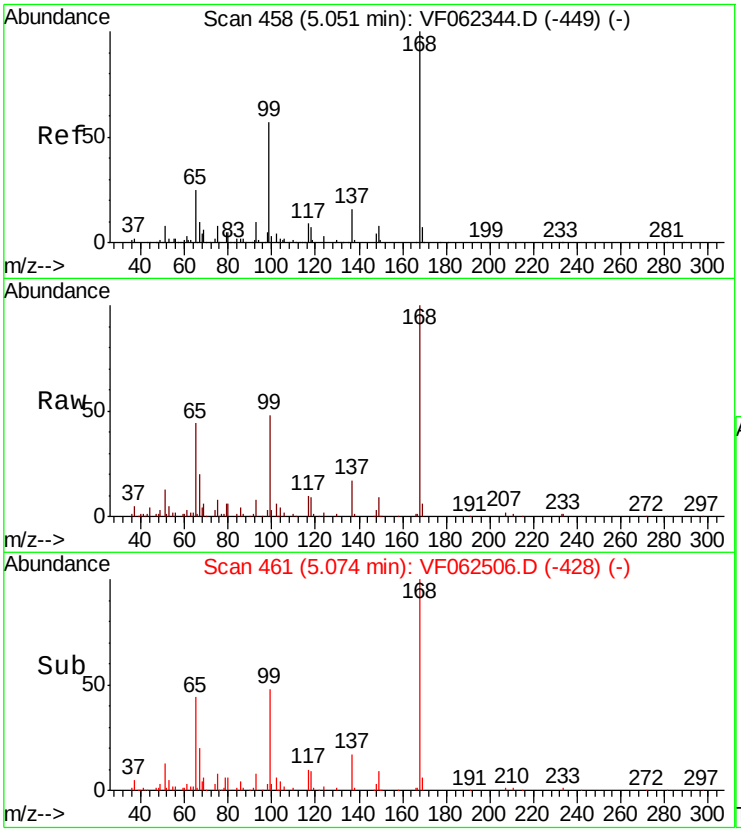
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062506.D
Acq On : 12 May 2019 16:40
Operator : FY/SY
Sample : K2734-08
Misc : 5.30g/5mL/MSVOA_F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Quant Time: May 13 04:46:56 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



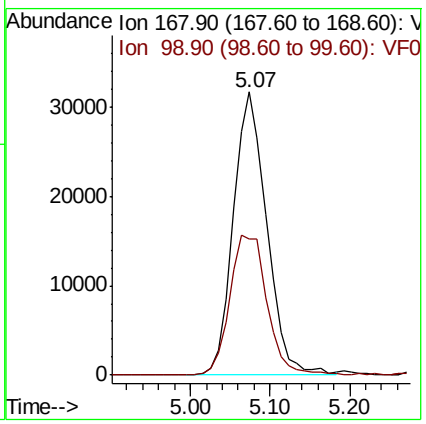


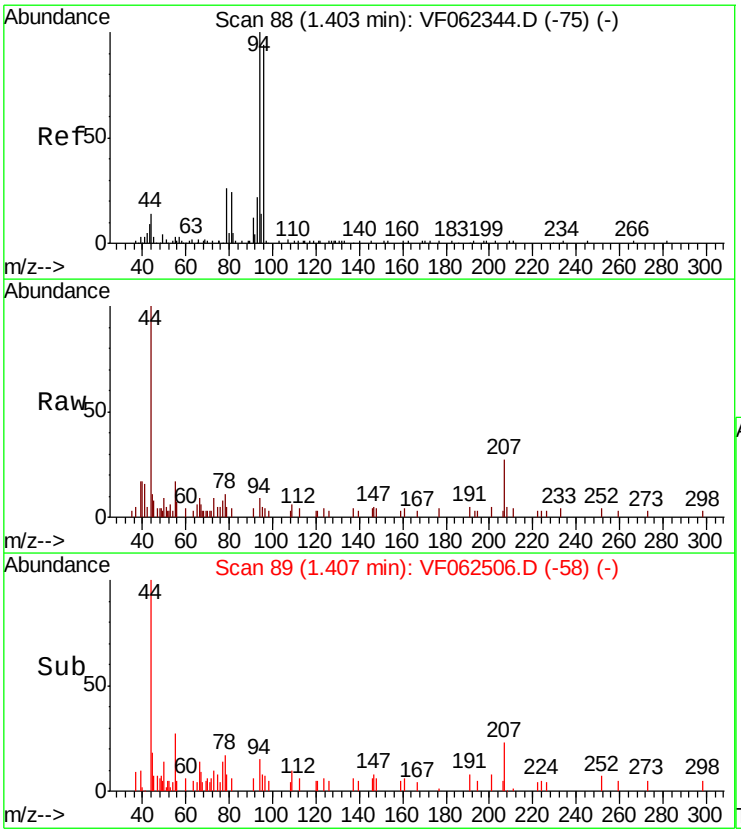
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 461
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion:168 Resp: 91932

Ion	Ratio	Lower	Upper
168	100		
99	48.0	45.9	68.9

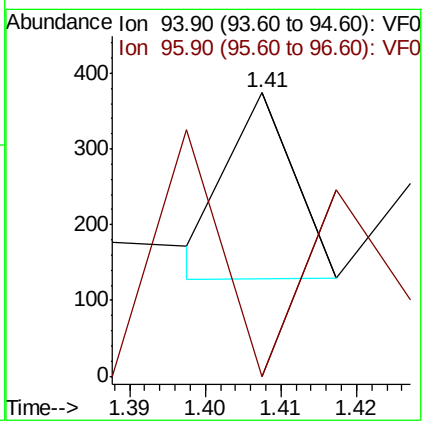


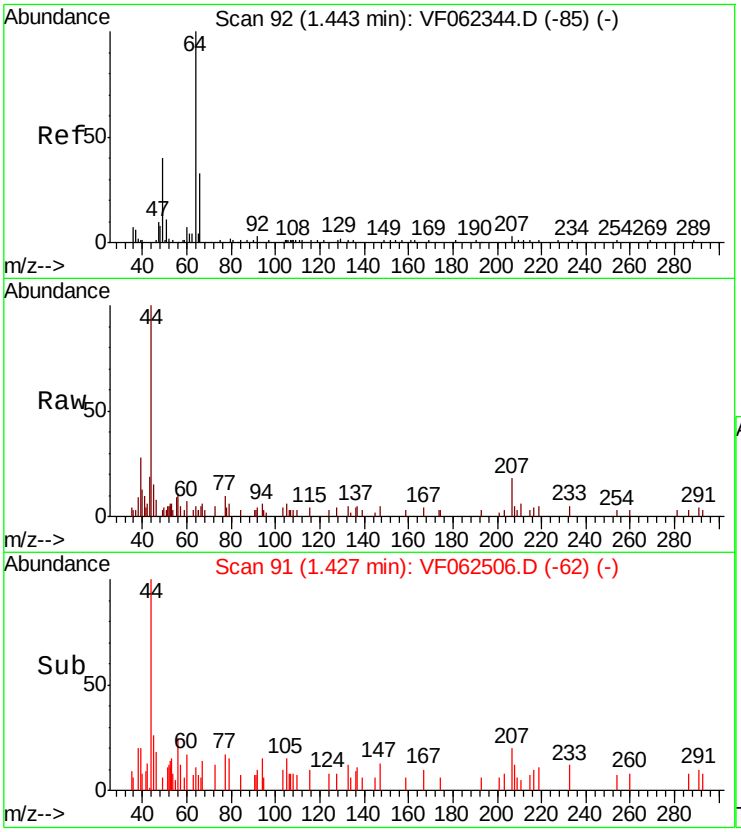


#5
Bromomethane
Concen: Below Cal
RT: 1.41 min Scan# 89
Delta R.T. 0.00 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion: 94 Resp: 146

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#



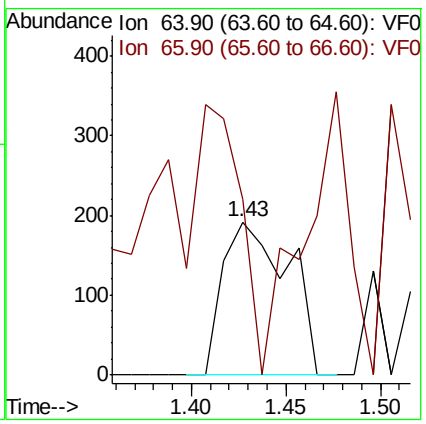


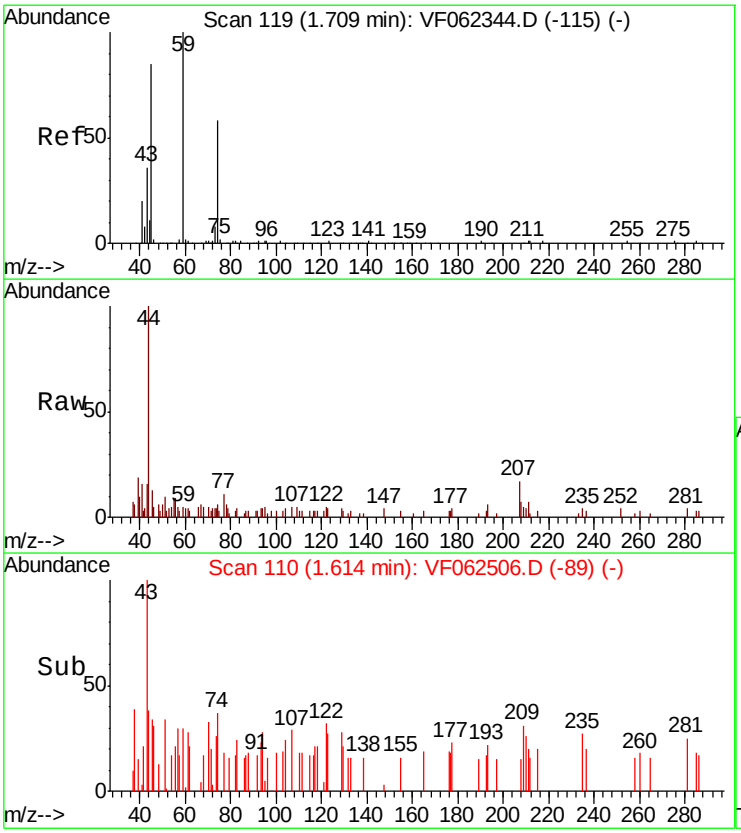
#6
Chloroethane
Concen: 1.310 ug/l
RT: 1.43 min Scan# 91
Delta R.T. -0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 64 Resp: 461

Ion	Ratio	Lower	Upper
64	100		
66	44.8	26.6	39.8#

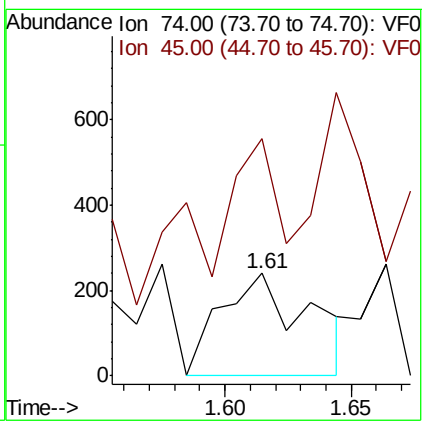


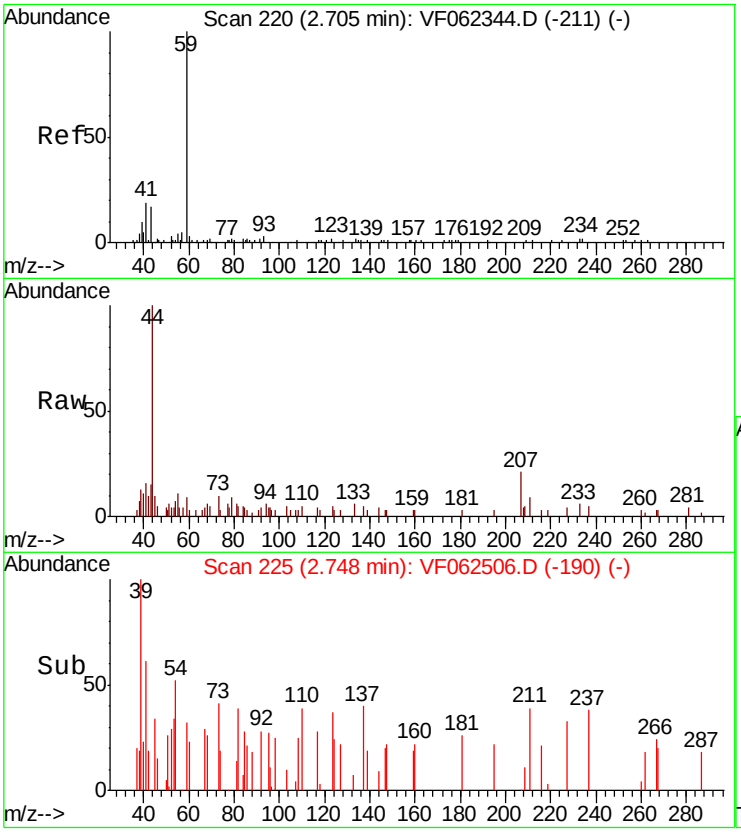


#8
Diethyl Ether
Concen: 2.649 ug/l
RT: 1.61 min Scan# 110
Delta R.T. -0.09 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion: 74 Resp: 582

Ion	Ratio	Lower	Upper
74	100		
45	160.3	73.9	221.6



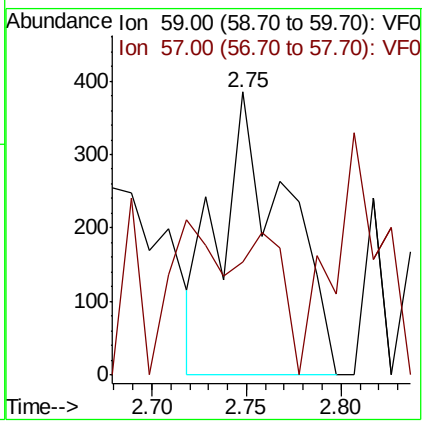


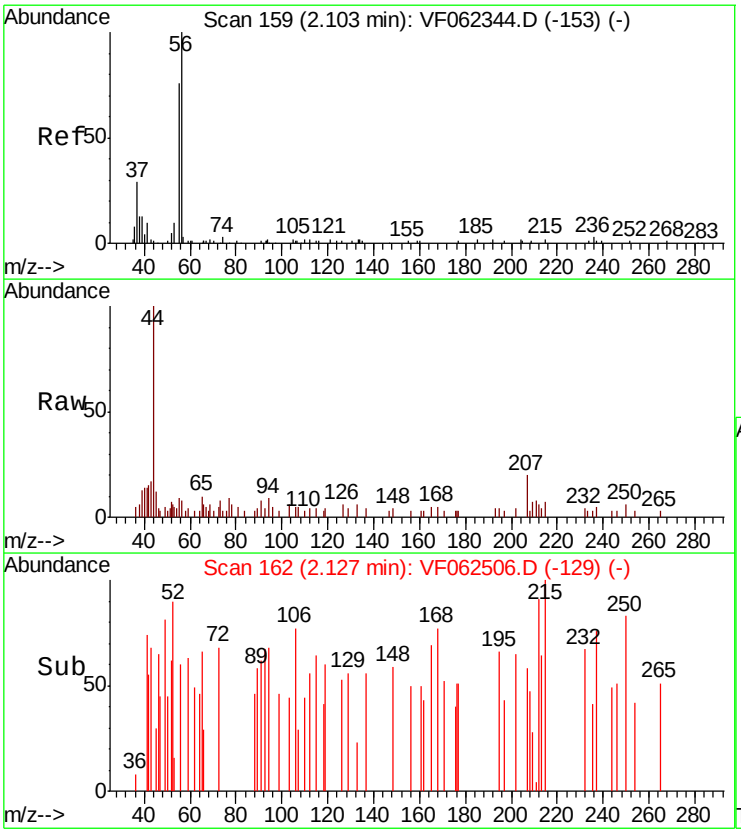
#11
Tert butyl alcohol
Concen: 19.022 ug/l
RT: 2.75 min Scan# 225
Delta R.T. 0.04 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 59 Resp: 934

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#

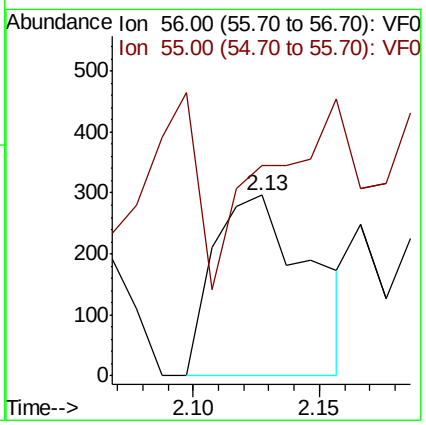


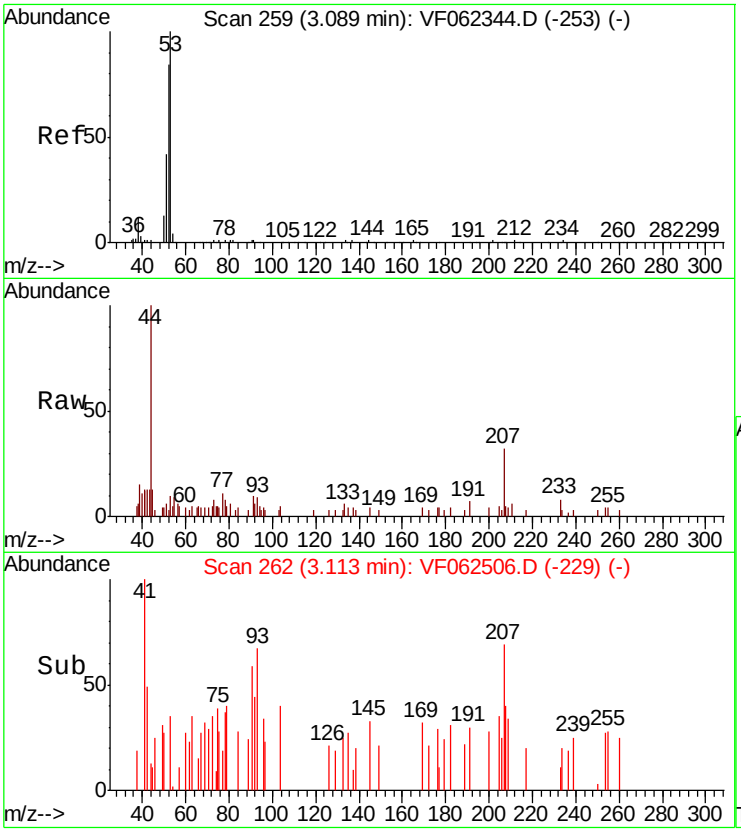


#13
Acrolein
Concen: 5.190 ug/l
RT: 2.13 min Scan# 162
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion: 56 Resp: 785

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.4	87.6#



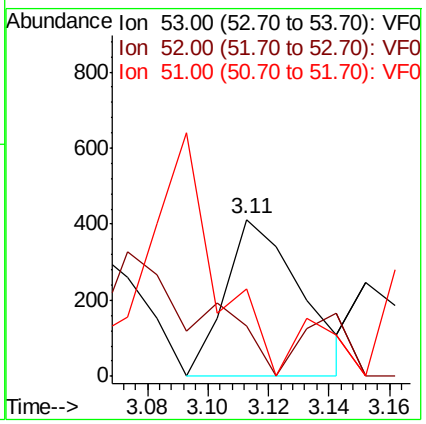


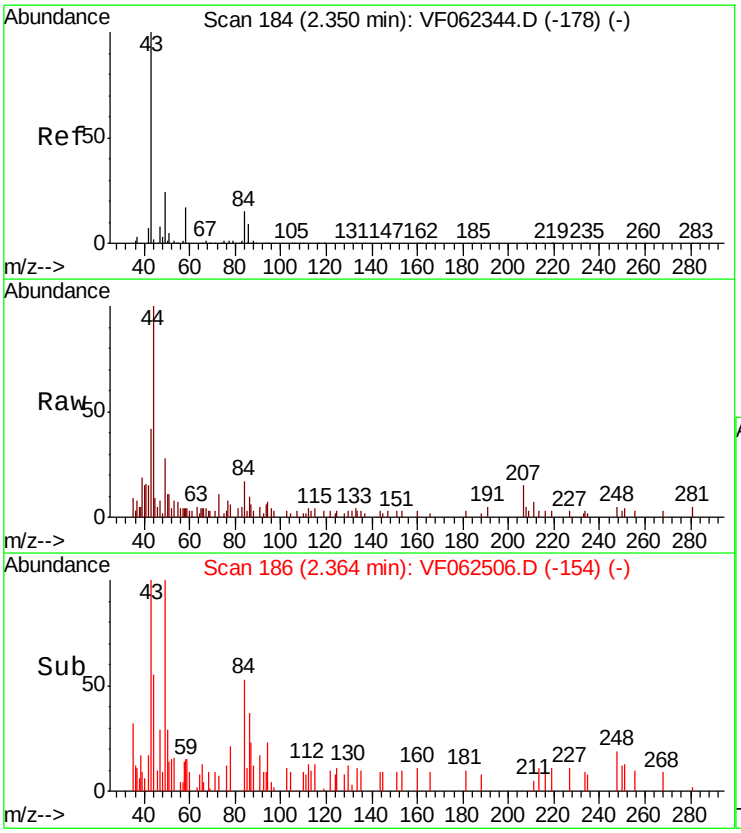
#15
Acrylonitrile
Concen: 7.730 ug/l
RT: 3.11 min Scan# 262
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 53 Resp: 719

Ion	Ratio	Lower	Upper
53	100		
52	0.0	77.2	115.8#
51	130.7	40.6	61.0#

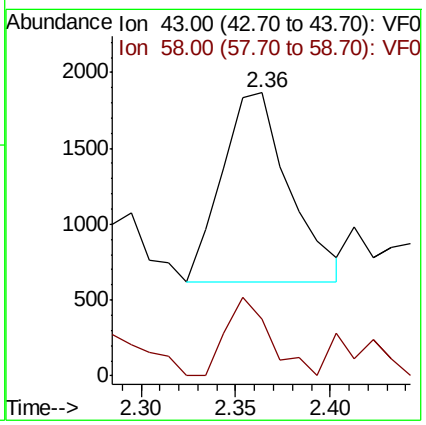


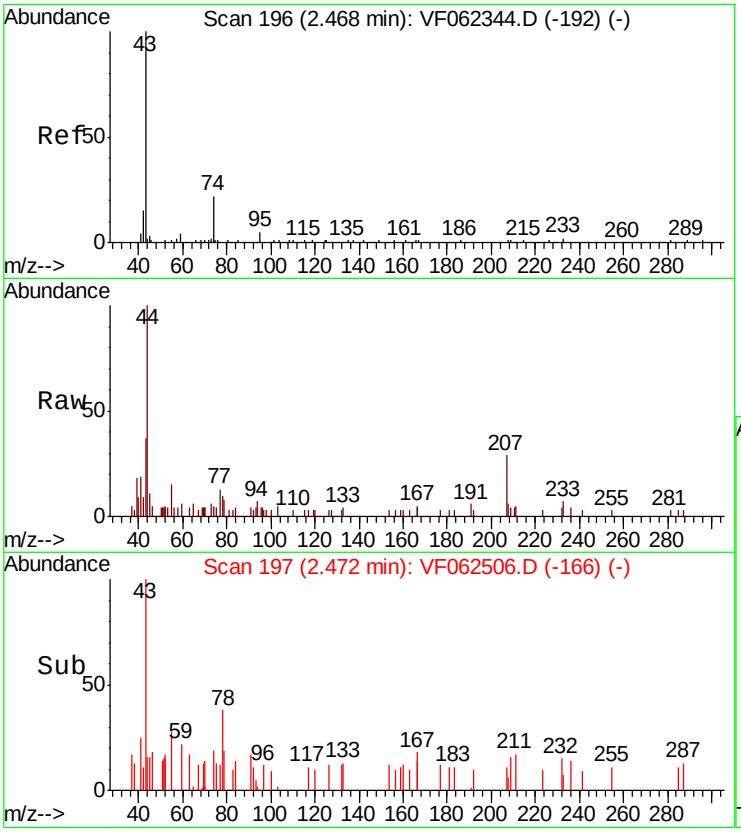


#16
Acetone
Concen: 17.479 ug/l
RT: 2.36 min Scan# 186
Delta R.T. 0.01 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion: 43 Resp: 3072

Ion	Ratio	Lower	Upper
43	100		
58	30.0	13.1	19.7#



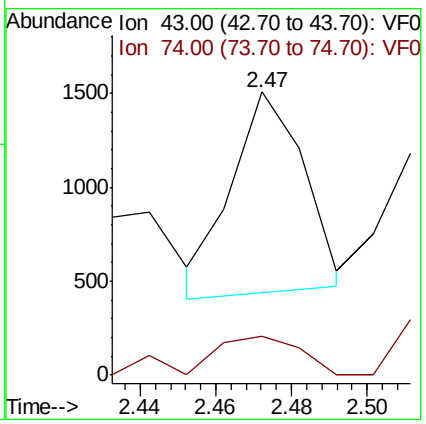


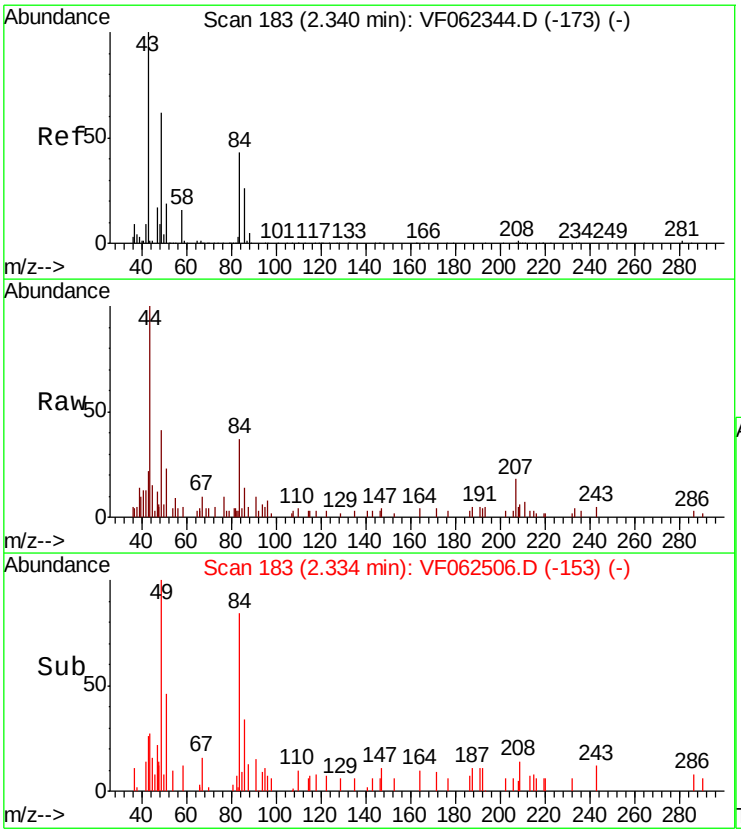
#18
Methyl Acetate
Concen: 1.398 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0612-01

Tgt Ion: 43 Resp: 1424

Ion	Ratio	Lower	Upper
43	100		
74	26.1	15.0	22.4#

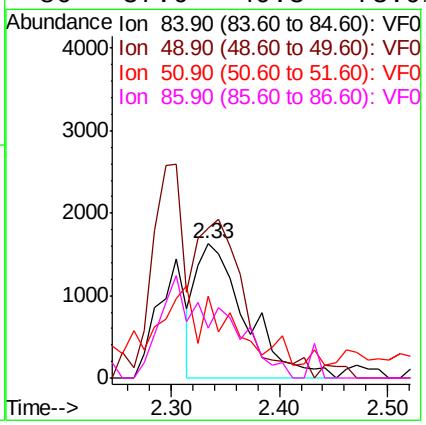


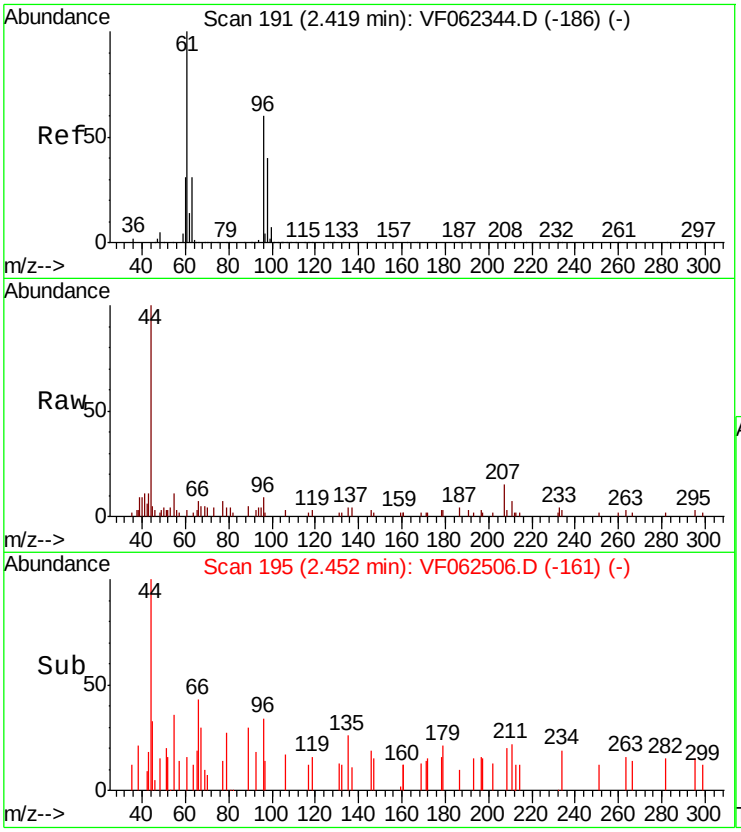


#20
Methylene Chloride
Concen: 8.264 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion: 84 Resp: 5255

Ion	Ratio	Lower	Upper
84	100		
49	103.3	117.5	176.3#
51	50.0	37.0	55.4
86	37.6	49.3	73.9#



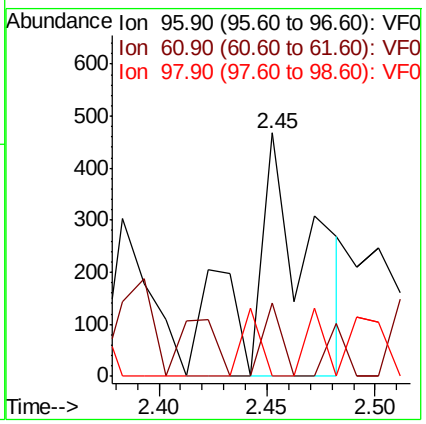


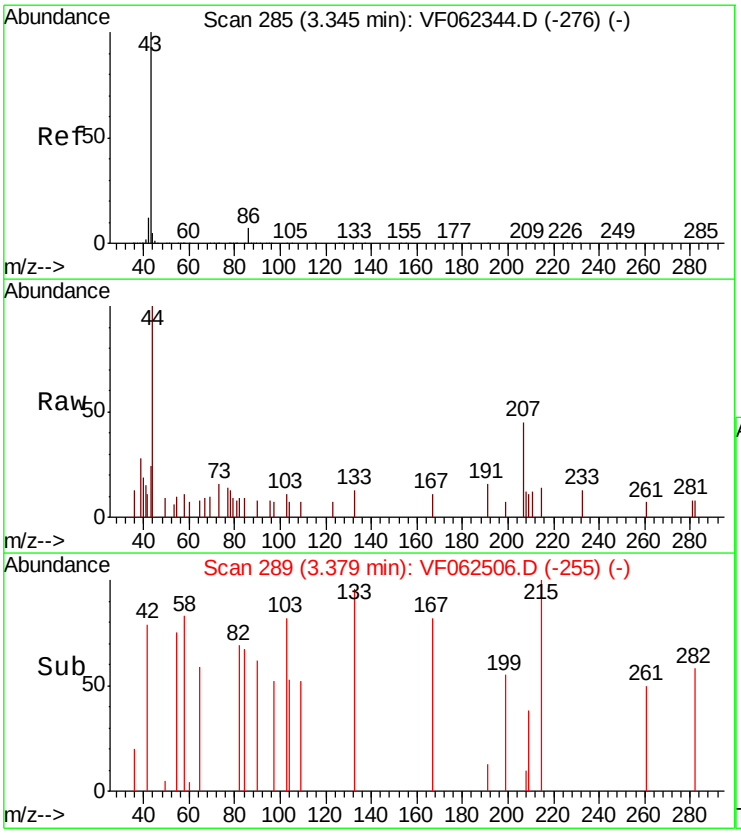
#21
trans-1,2-Dichloroethene
Concen: 1.403 ug/l
RT: 2.45 min Scan# 195
Delta R.T. 0.03 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 96 Resp: 942

Ion	Ratio	Lower	Upper
96	100		
61	8.3	133.2	199.8#
98	0.0	53.1	79.7#

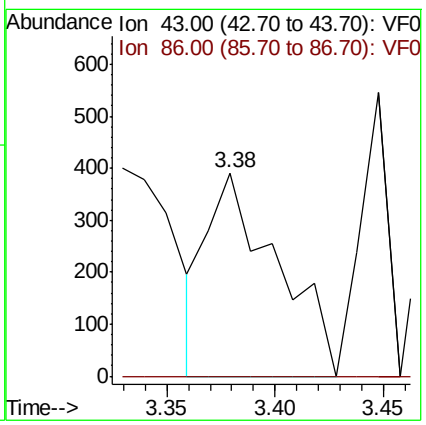


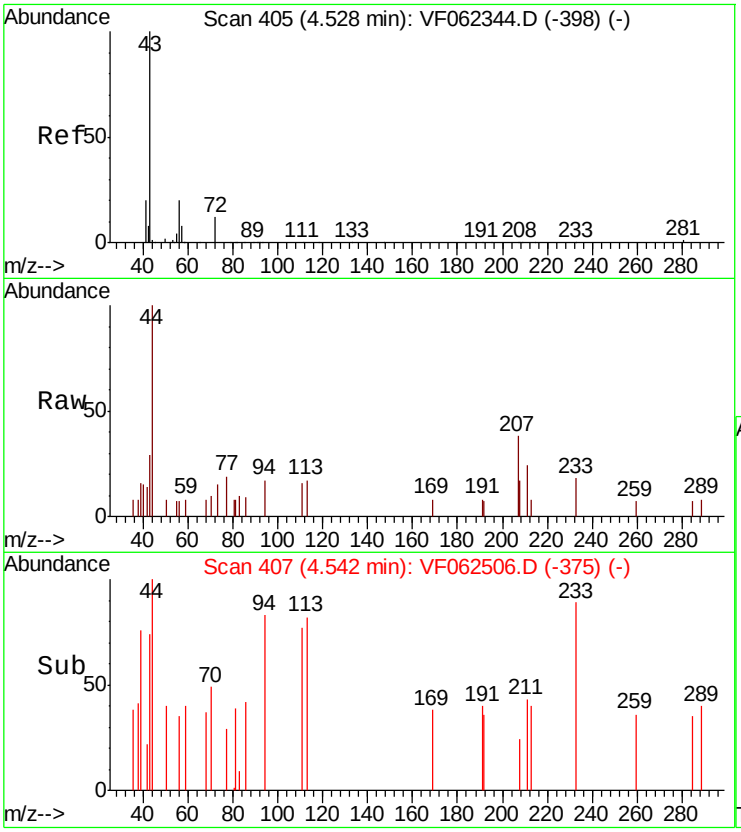


#23
Vinyl Acetate
Concen: 1.016 ug/l
RT: 3.38 min Scan# 289
Delta R.T. 0.03 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion: 43 Resp: 881

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.7	8.5#



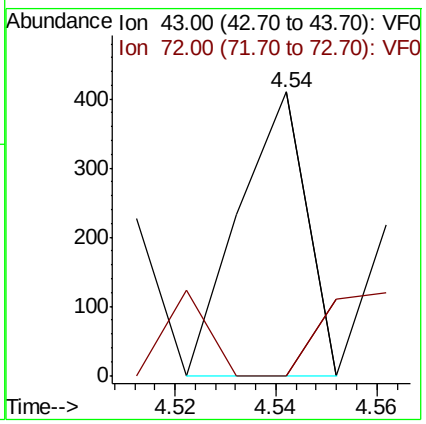


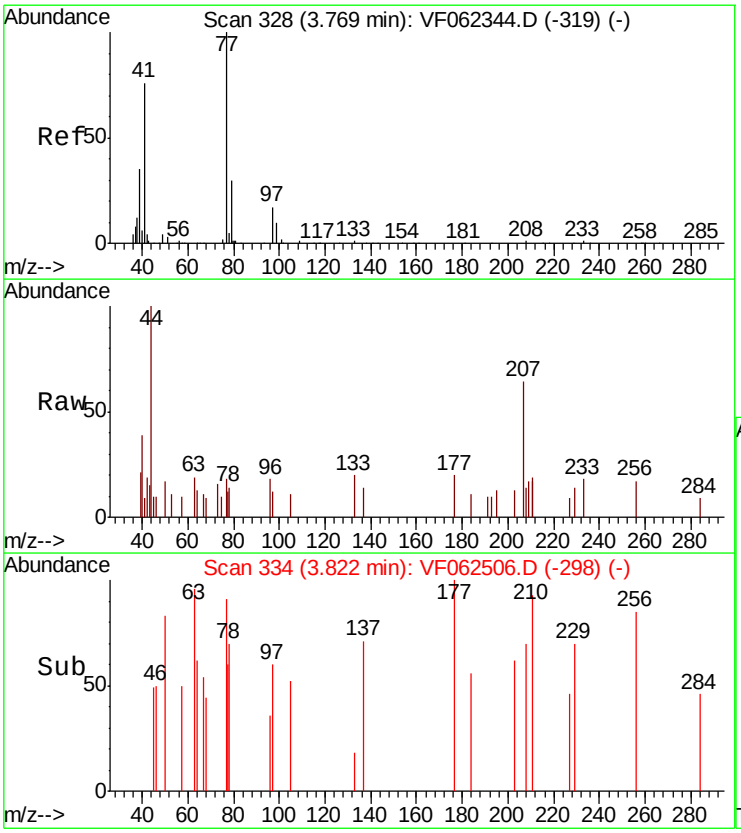
#25
2-Butanone
Concen: 1.721 ug/l
RT: 4.54 min Scan# 407
Delta R.T. 0.01 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 43 Resp: 380

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#

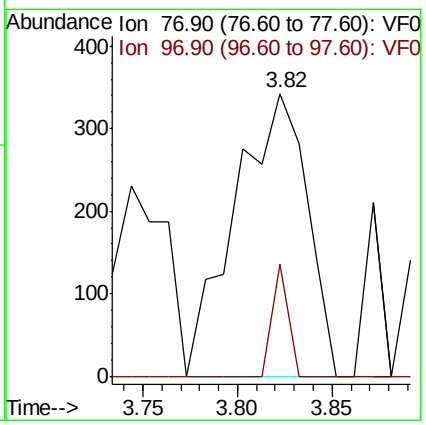


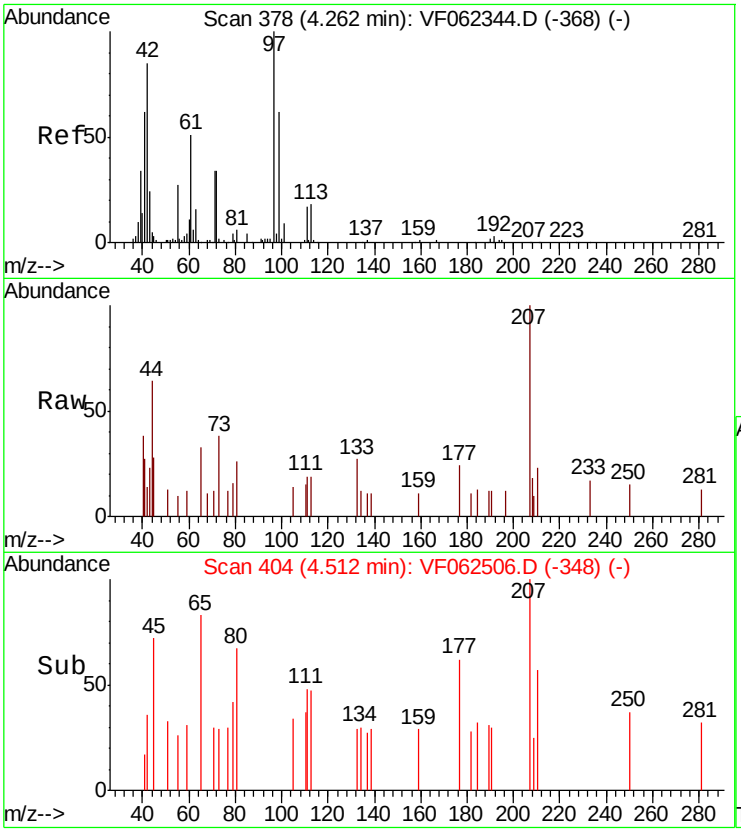


#26
2,2-Dichloropropane
Concen: 1.383 ug/l
RT: 3.82 min Scan# 334
Delta R.T. 0.05 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion: 77 Resp: 908

Ion	Ratio	Lower	Upper
77	100		
97	8.8	9.5	28.5#



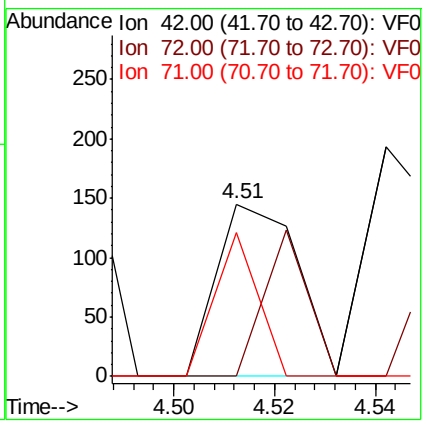


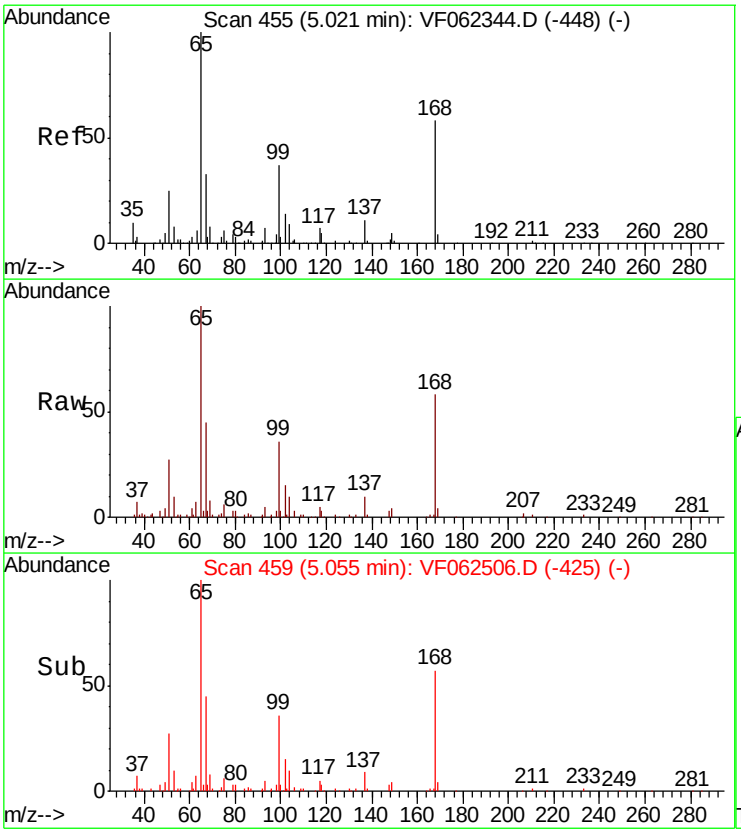
#29
Tetrahydrofuran
Concen: 1.577 ug/l
RT: 4.51 min Scan# 404
Delta R.T. 0.25 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 42 Resp: 160

Ion	Ratio	Lower	Upper
42	100		
72	45.6	31.4	47.0
71	45.0	31.7	47.5

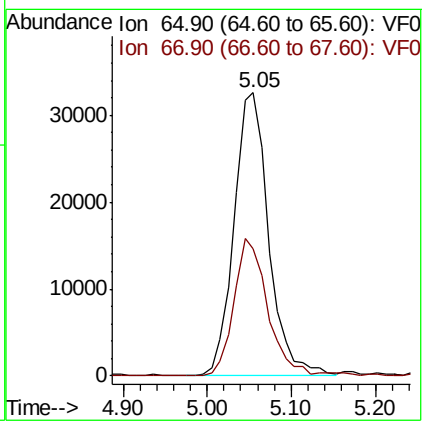


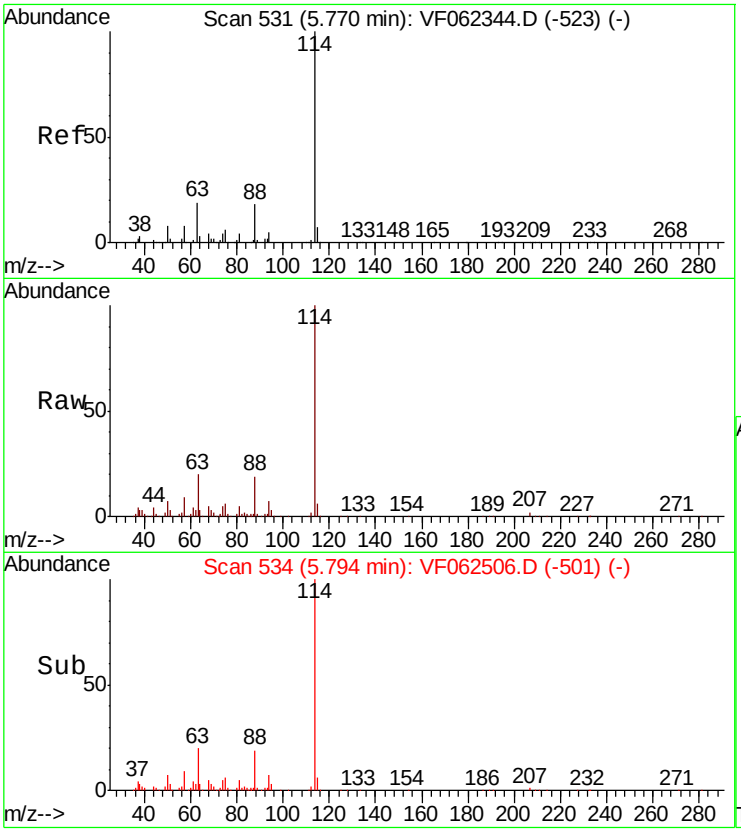


#33
1,2-Dichloroethane-d4
Concen: 107.863 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.03 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion: 65 Resp: 93711

Ion	Ratio	Lower	Upper
65	100		
67	47.1	0.0	85.8



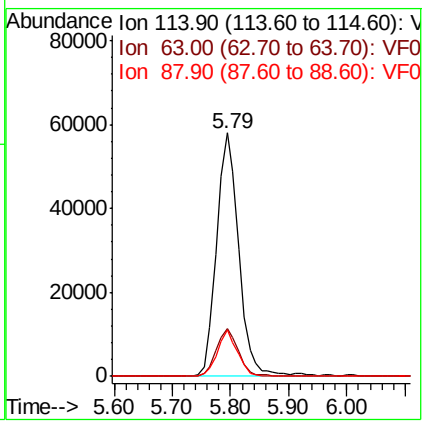


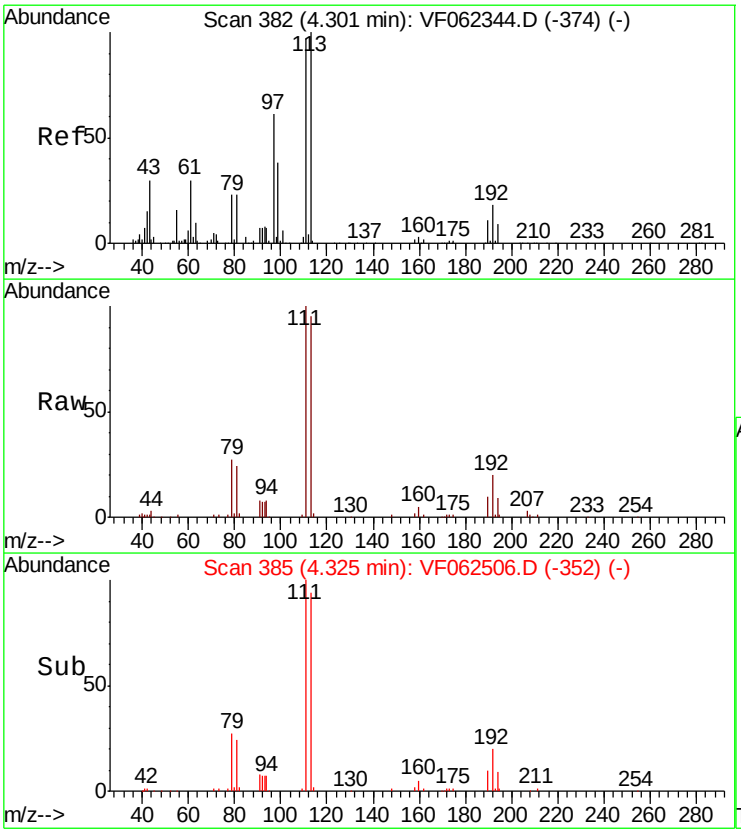
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion:114 Resp: 153475

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	37.4
88	19.0	0.0	36.4

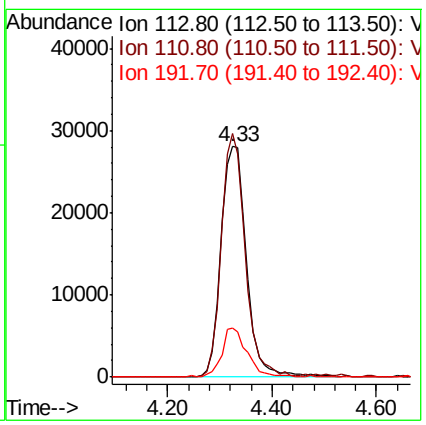


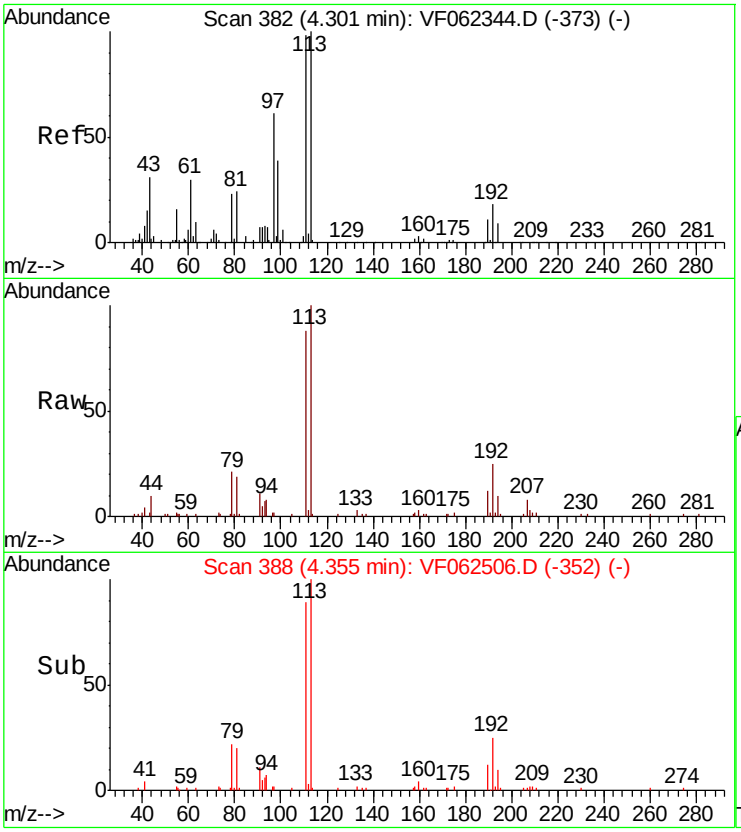


#35
Dibromofluoromethane
Concen: 78.065 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion:113 Resp: 95451

Ion	Ratio	Lower	Upper
113	100		
111	98.3	79.4	119.0
192	20.4	16.0	24.0



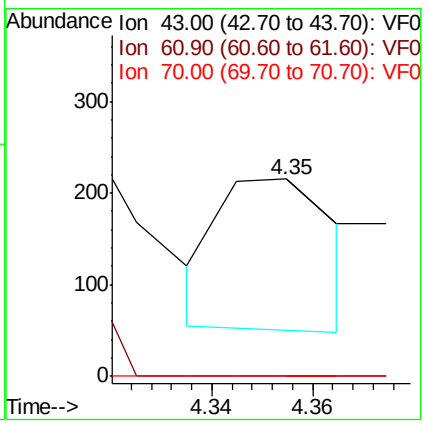


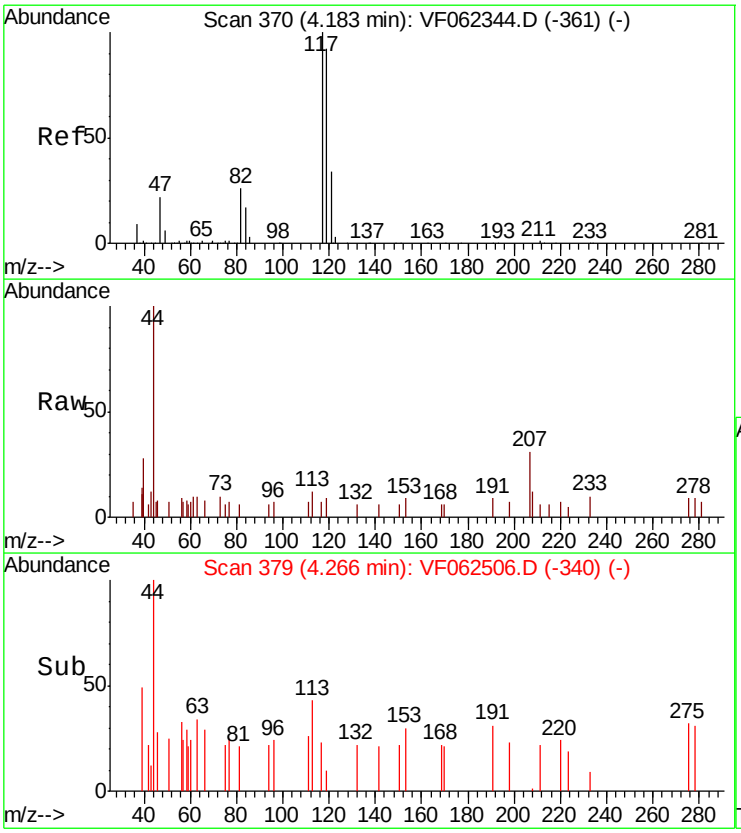
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.35 min Scan# 388
Delta R.T. 0.05 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 43 Resp: 260

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

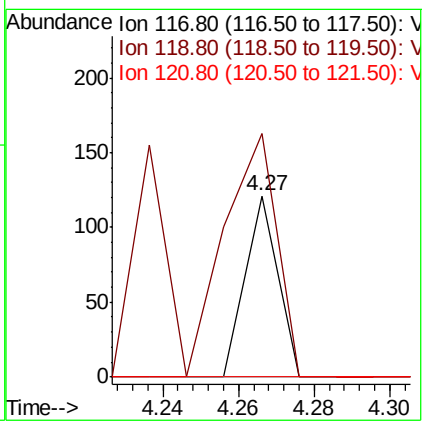


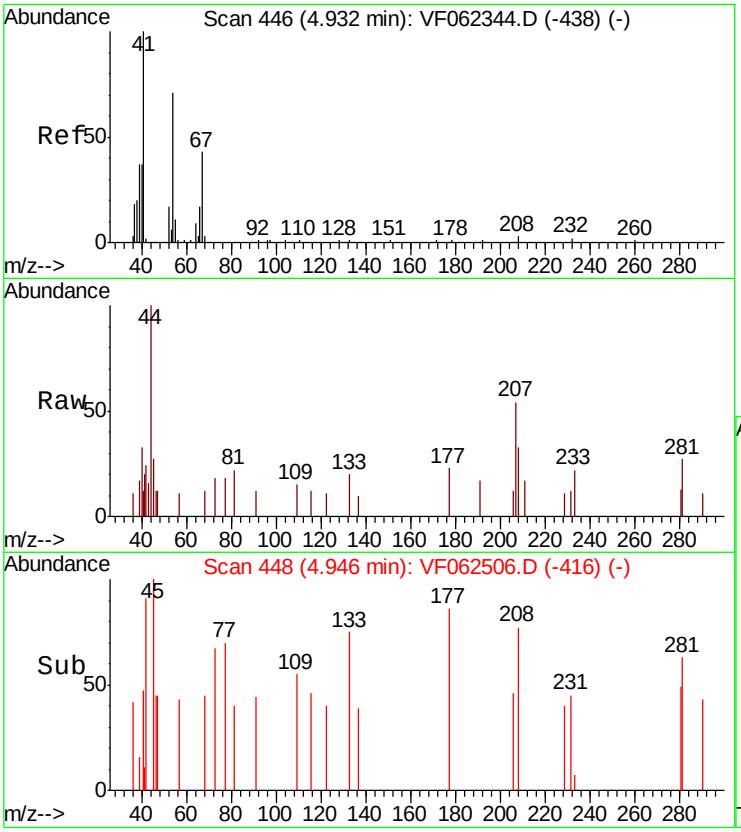


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.27 min Scan# 379
Delta R.T. 0.08 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion:117 Resp: 72

Ion	Ratio	Lower	Upper
117	100		
119	134.7	73.4	110.2#
121	0.0	27.4	41.0#



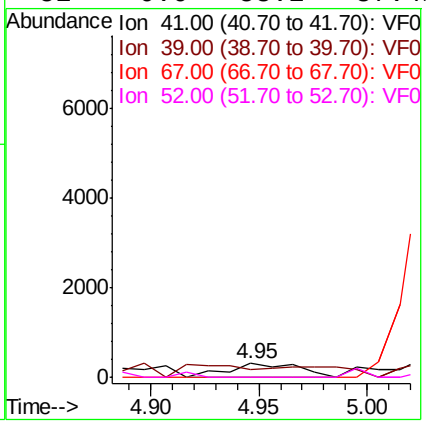


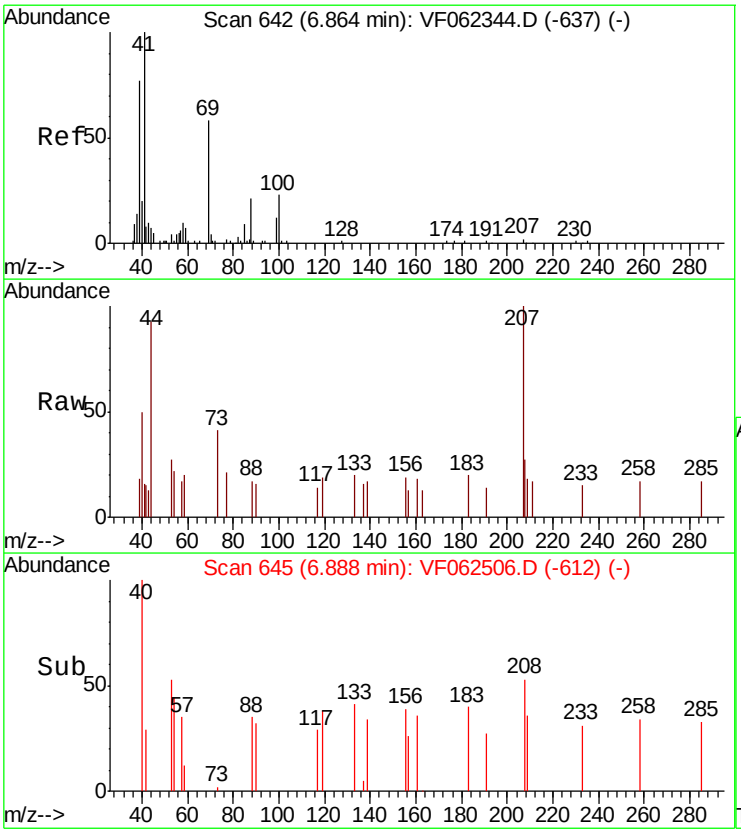
#41
Methacrylonitrile
Concen: 2.189 ug/l
RT: 4.95 min Scan# 448
Delta R.T. 0.01 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 41 Resp: 692

Ion	Ratio	Lower	Upper
41	100		
39	75.1	54.3	81.5
67	0.0	37.8	56.8#
52	0.0	58.2	87.4#

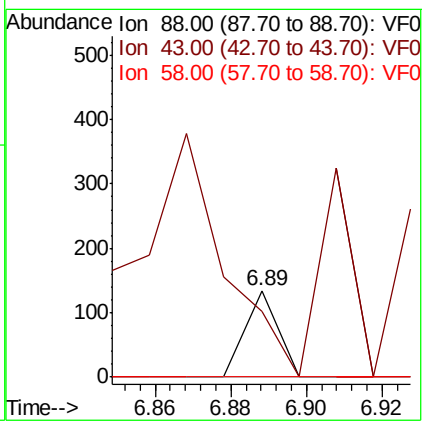


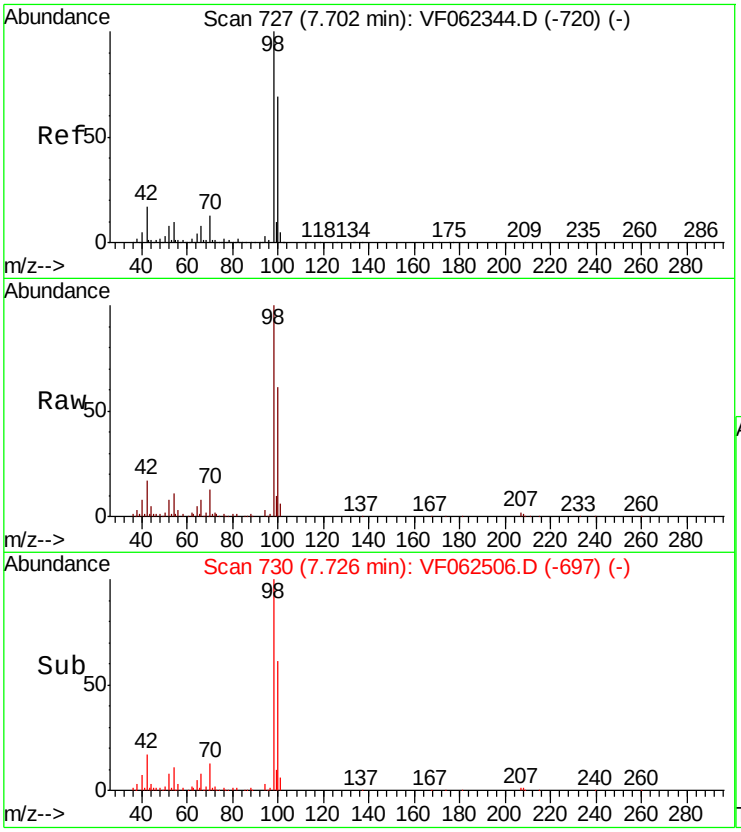


#49
1,4-Dioxane
Concen: 5.125 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion: 88 Resp: 79

Ion	Ratio	Lower	Upper
88	100		
43	243.0	55.6	83.4#
58	0.0	52.8	79.2#



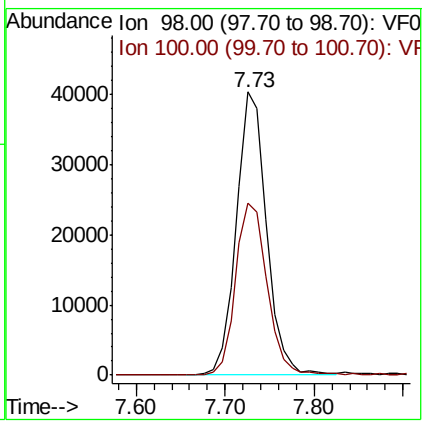


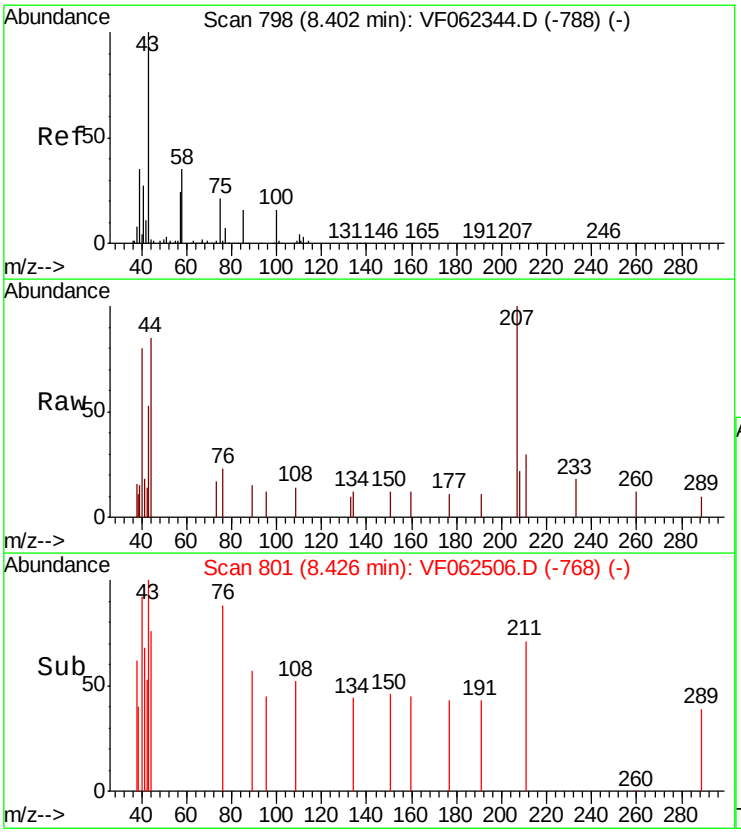
#50
Toluene-d8
Concen: 32.036 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0612-01

Tgt Ion: 98 Resp: 94820

Ion	Ratio	Lower	Upper
98	100		
100	63.8	53.3	79.9

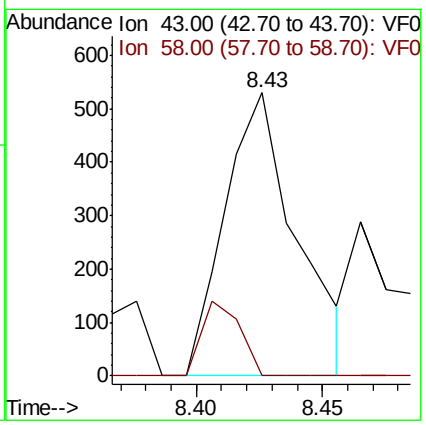


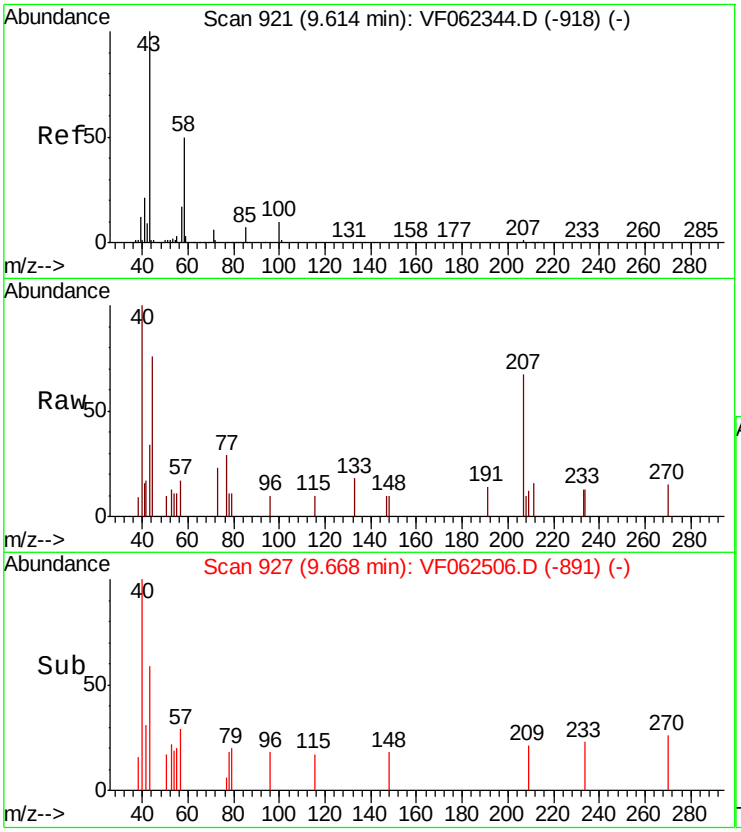


#51
4-Methyl-2-Pentanone
Concen: 2.302 ug/l
RT: 8.43 min Scan# 801
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion: 43 Resp: 1046

Ion	Ratio	Lower	Upper
43	100		
58	13.9	27.8	41.6#



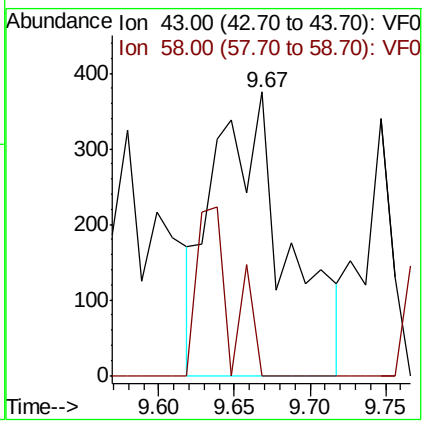


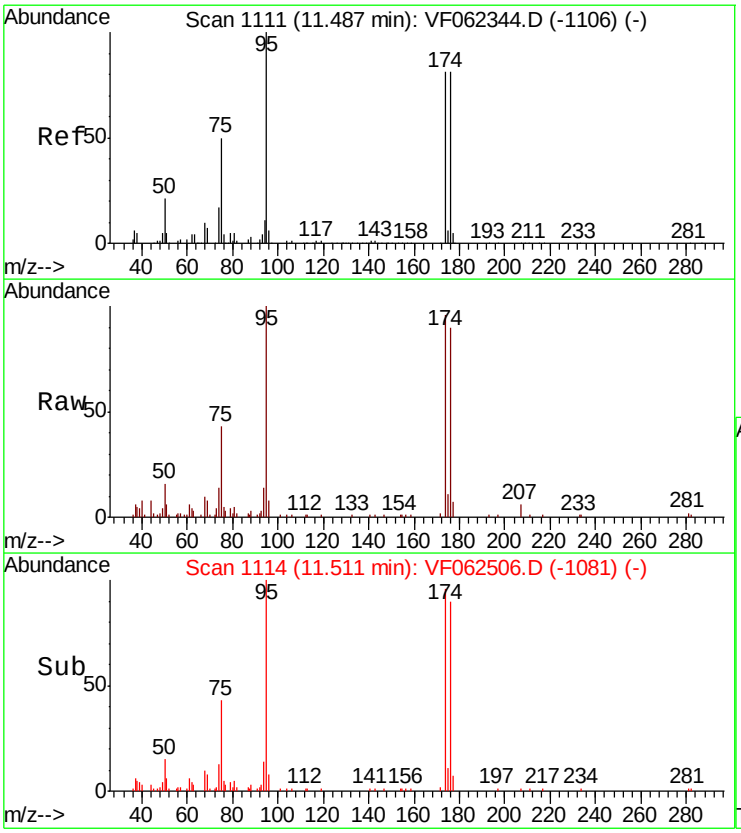
#59
2-Hexanone
Concen: 3.974 ug/l
RT: 9.67 min Scan# 927
Delta R.T. 0.05 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 43 Resp: 1249

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.3	73.0#

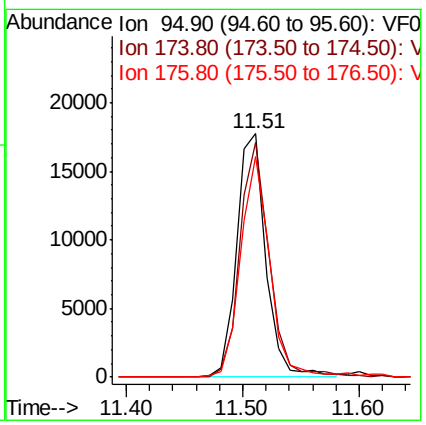


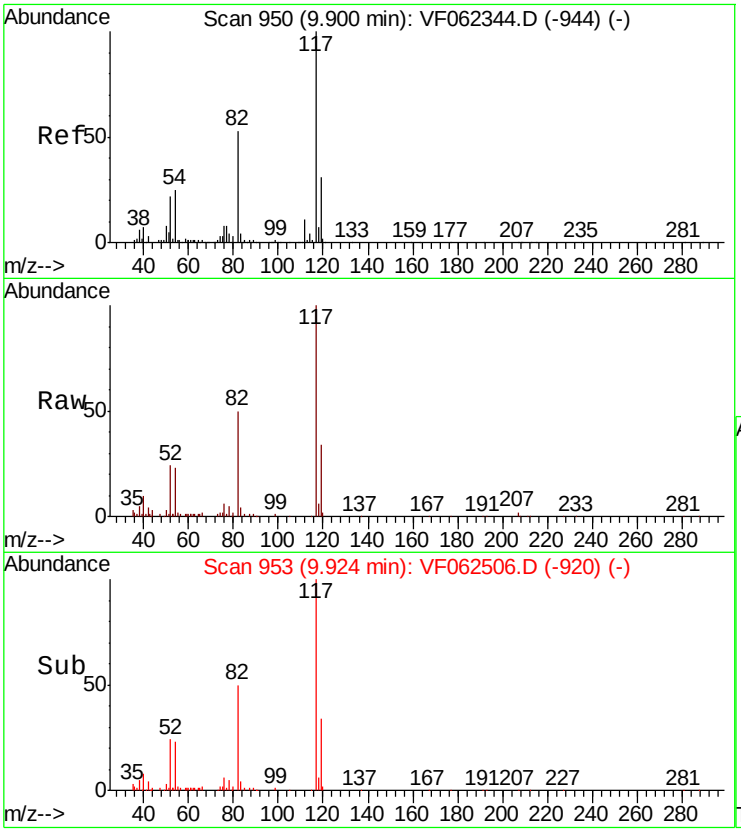


#62
4-Bromofluorobenzene
Concen: 23.034 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion: 95 Resp: 30758

Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	191.8
176	91.9	0.0	193.2



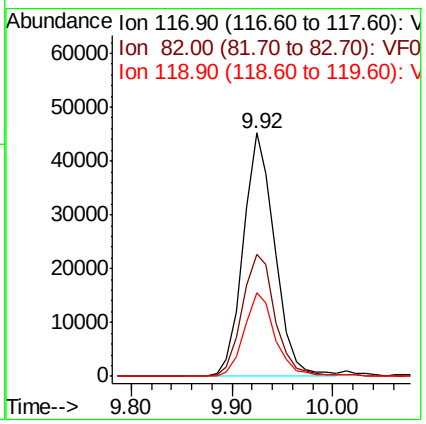


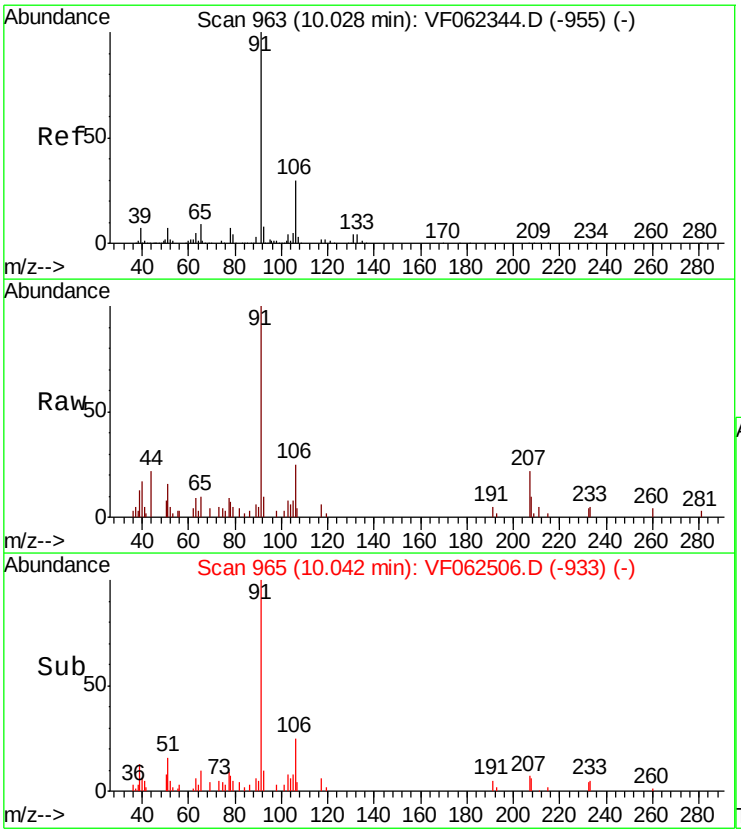
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0612-01

Tgt Ion:117 Resp: 98697

Ion	Ratio	Lower	Upper
117	100		
82	50.2	42.2	63.2
119	34.3	25.0	37.4

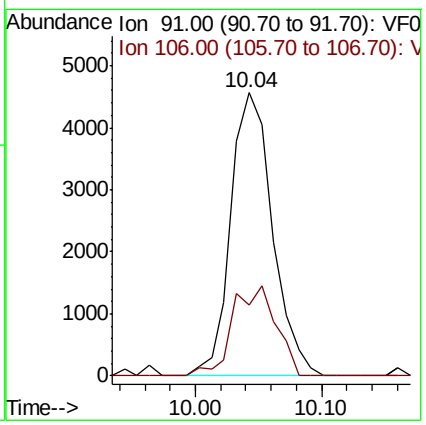


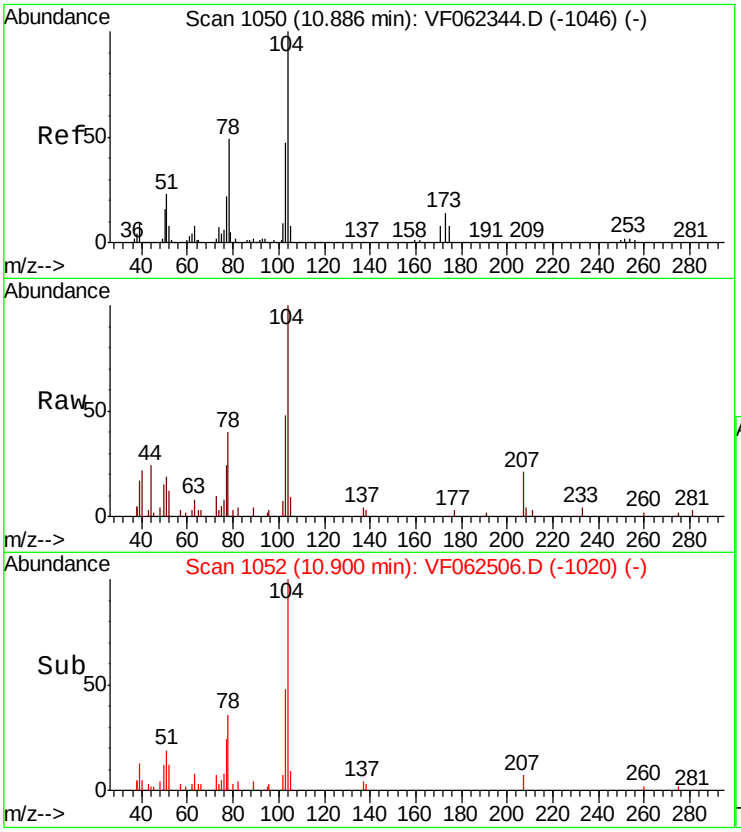


#67
Ethyl Benzene
Concen: 3.669 ug/l
RT: 10.04 min Scan# 965
Delta R.T. 0.01 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion: 91 Resp: 10491

Ion	Ratio	Lower	Upper
91	100		
106	24.9	24.1	36.1



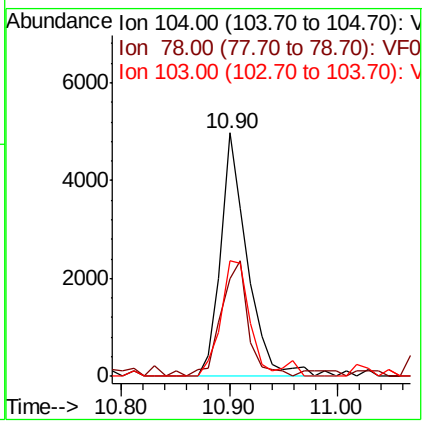


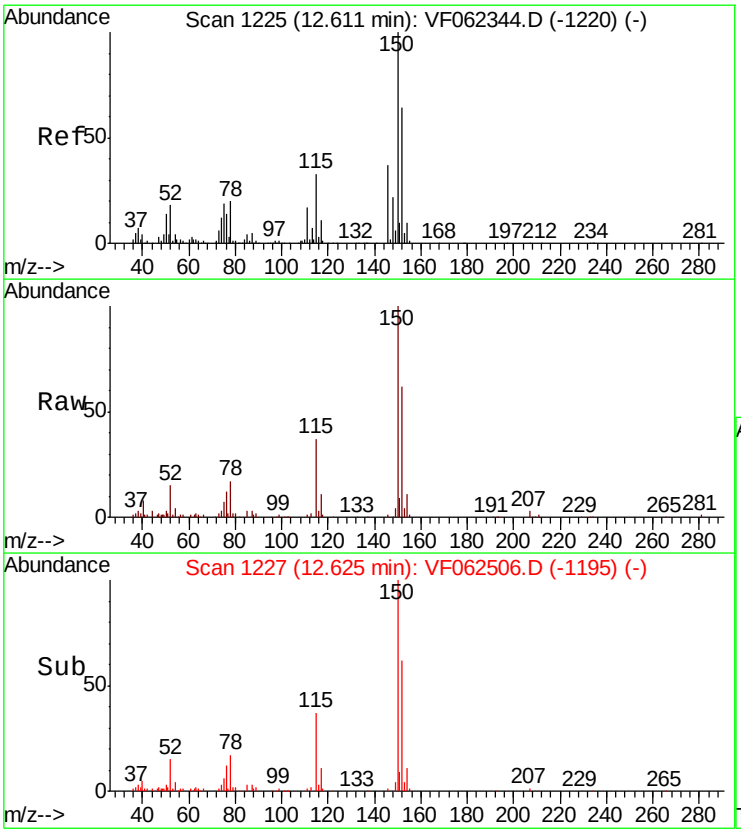
#70
Stvrene
Concen: 4.983 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion:104 Resp: 8514

Ion	Ratio	Lower	Upper
104	100		
78	48.1	39.5	59.3
103	51.2	38.4	57.6

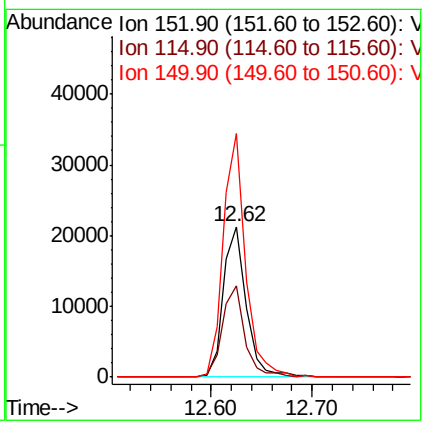


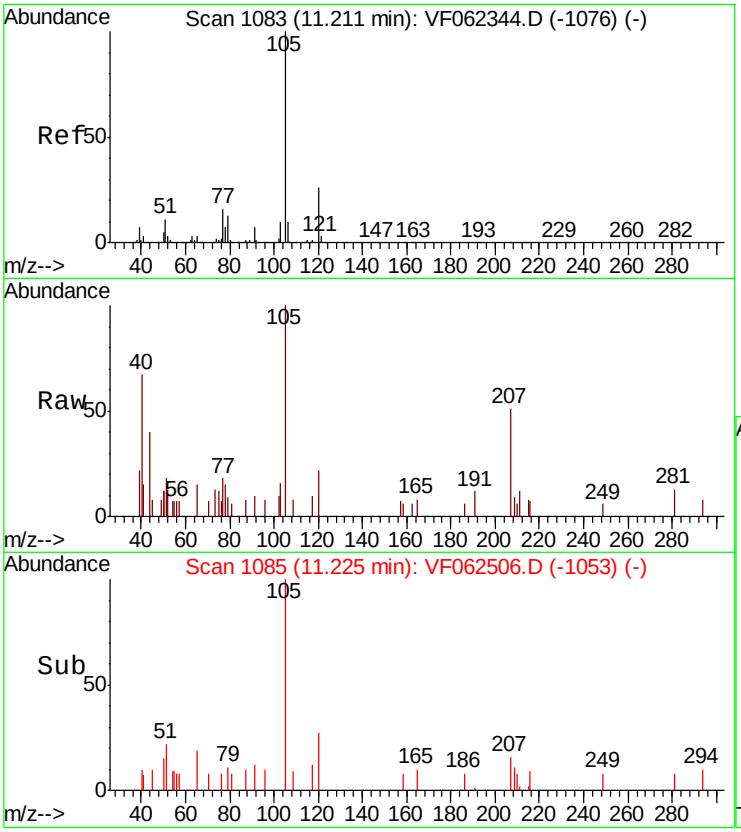


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion:152 Resp: 33652

Ion	Ratio	Lower	Upper
152	100		
115	59.3	26.4	79.2
150	157.4	0.0	335.0



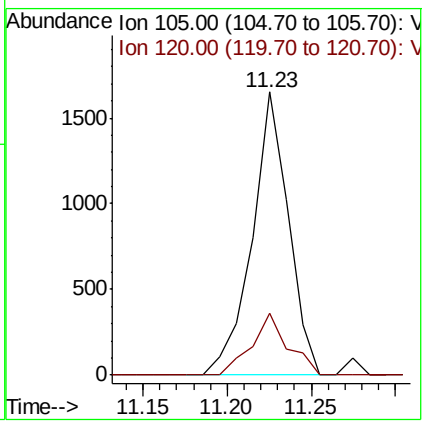


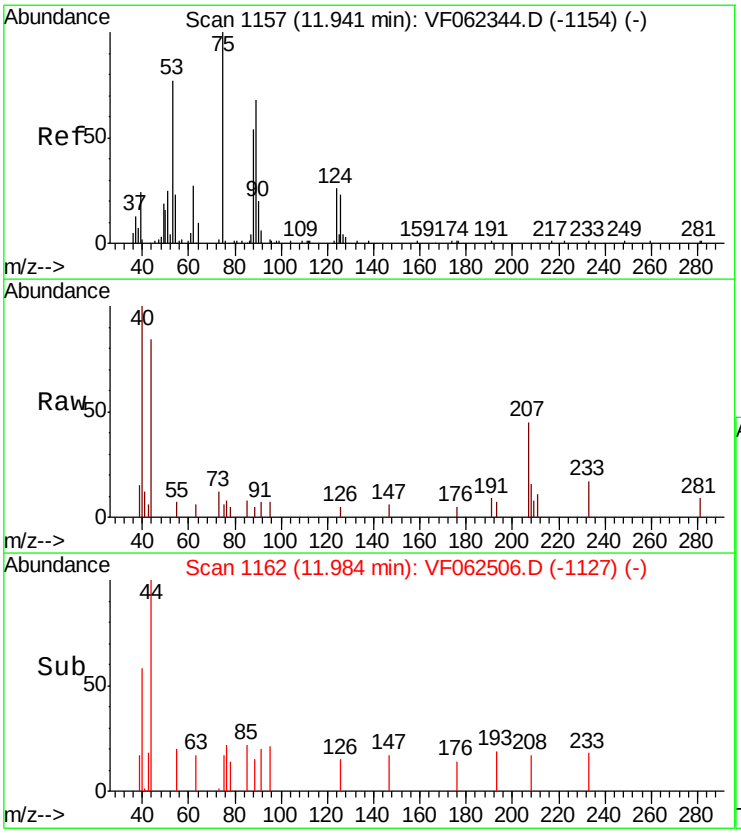
#73
Isopropylbenzene
Concen: 1.238 ug/l
RT: 11.23 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0612-01

Tgt Ion:105 Resp: 2469

Ion	Ratio	Lower	Upper
105	100		
120	22.0	12.7	38.0

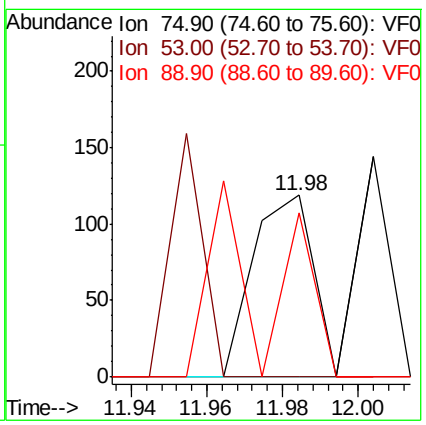


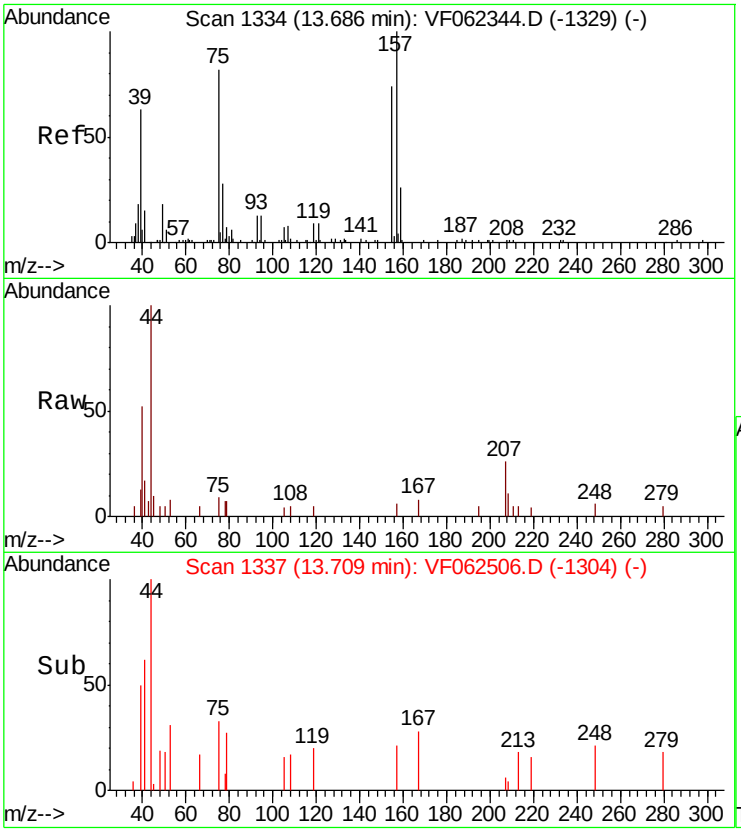


#81
trans-1,4-Dichloro-2-butene
Concen: 1.462 ug/l
RT: 11.98 min Scan# 1162
Delta R.T. 0.04 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion: 75 Resp: 131

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: 3.615 ug/l
RT: 13.71 min Scan# 1337
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 75 Resp: 253

Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.8	155.4#
157	31.6	67.3	201.8#