Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062439.D
Acq On : 11 May 2019 1:22
Operator : FY/SY
Sample : K2728-01
Misc : 5.34g/5mL/MSVOA_F/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P-3A-OW(0-10)

Quant Time: May 11 05:40:36 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	215872	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	266805	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	110642	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	38834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	167848	82.28	ug/l	0.02
Spiked Amount 50.000			Recovery = 164.56%			
35) Dibromofluoromethane	4.32	113	178864	84.15	ug/l	0.01
Spiked Amount 50.000			Recovery = 168.30%			
50) Toluene-d8	7.72	98	132756	25.80	ug/l	0.01
Spiked Amount 50.000			Recovery = 51.60%			
62) 4-Bromofluorobenzene	11.50	95	59188	25.50	ug/l	0.01
Spiked Amount 50.000			Recovery = 51.00%			
Target Compounds						Qvalue
5) Bromomethane	1.38	94	1236	Below Cal	#	3
11) Tert butyl alcohol	2.70	59	1162	10.078	ug/l #	1
13) Acrolein	2.13	56	145	Below Cal	#	1
15) Acrylonitrile	3.06	53	1213	5.554	ug/l #	34
16) Acetone	2.35	43	27450	66.514	ug/l #	88
17) Carbon Disulfide	1.91	76	5453	1.511	ug/l #	75
18) Methyl Acetate	2.47	43	7225	6.900	ug/l	95
20) Methylene Chloride	2.34	84	4516	3.025	ug/l #	83
25) 2-Butanone	4.53	43	5586	10.774	ug/l #	69
29) Tetrahydrofuran	4.29	42	2452	10.290	ug/l #	58
36) 1,1-Dichloropropene	4.21	75	27304	11.913	ug/l #	42
37) Ethyl Acetate	4.30	43	221	Below Cal	#	73
38) Carbon Tetrachloride	4.28	117	61	Below Cal	#	14
39) Methylcyclohexane	5.78	83	4411	1.919	ug/l #	39
48) Methyl methacrylate	6.87	41	884	1.200	ug/l #	26
49) 1,4-Dioxane	6.96	88	130	4.144	ug/l #	1
59) 2-Hexanone	9.64	43	1833	3.355	ug/l	67
74) N-amyl acetate	11.47	43	1056	2.137	ug/l #	56
81) trans-1,4-Dichloro-2-buten	11.95	75	174	1.683	ug/l #	5
84) 1,2,4-Trimethylbenzene	12.27	105	2176	1.102	ug/l	88
92) 1,2-Dibromo-3-Chloropropan	13.81	75	126	1.560	ug/l	49
95) Naphthalene	14.50	128	5757	3.997	ug/l #	93

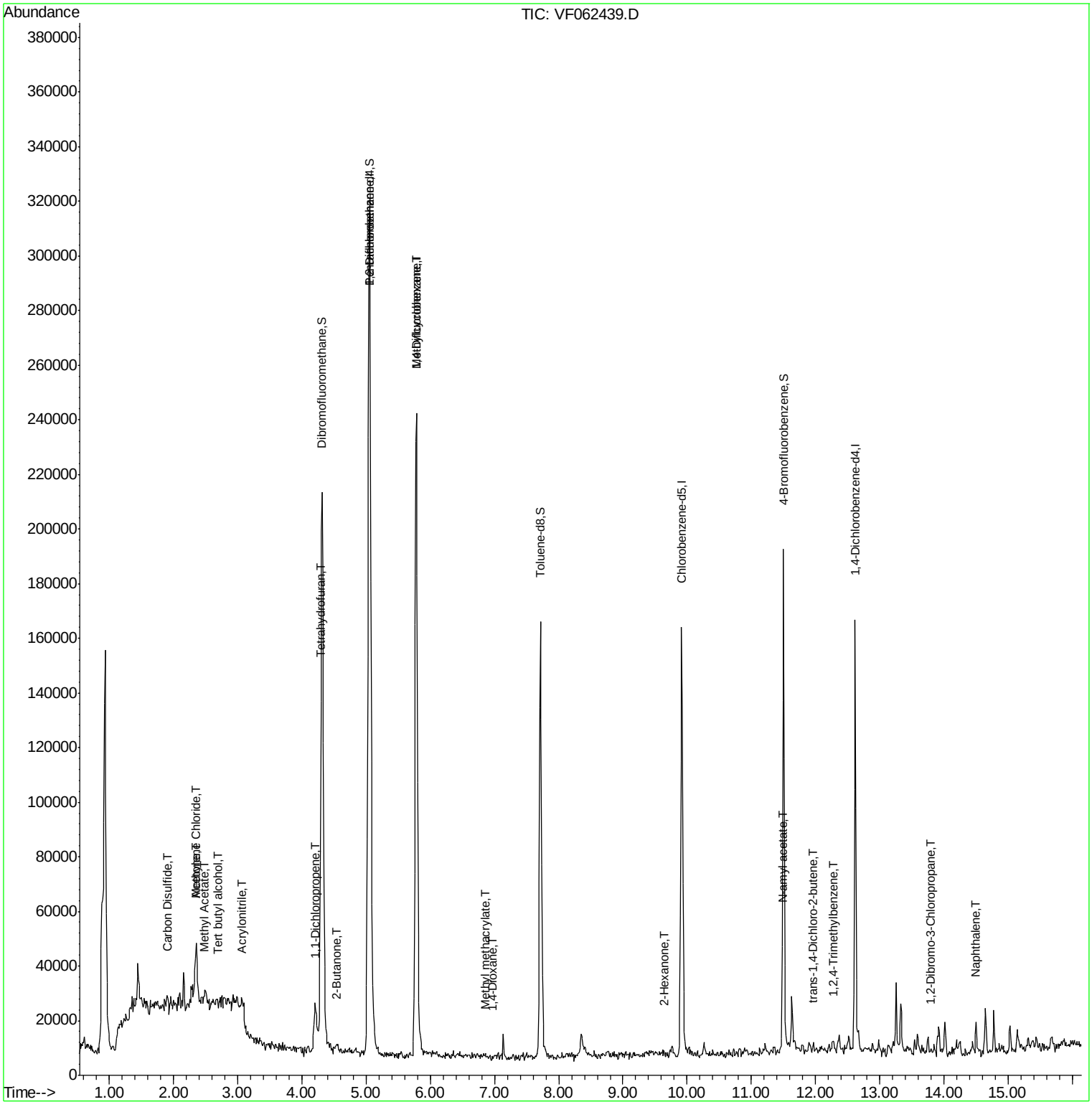
(#) = qualifier out of range (m) = manual integration (+) = signals summed

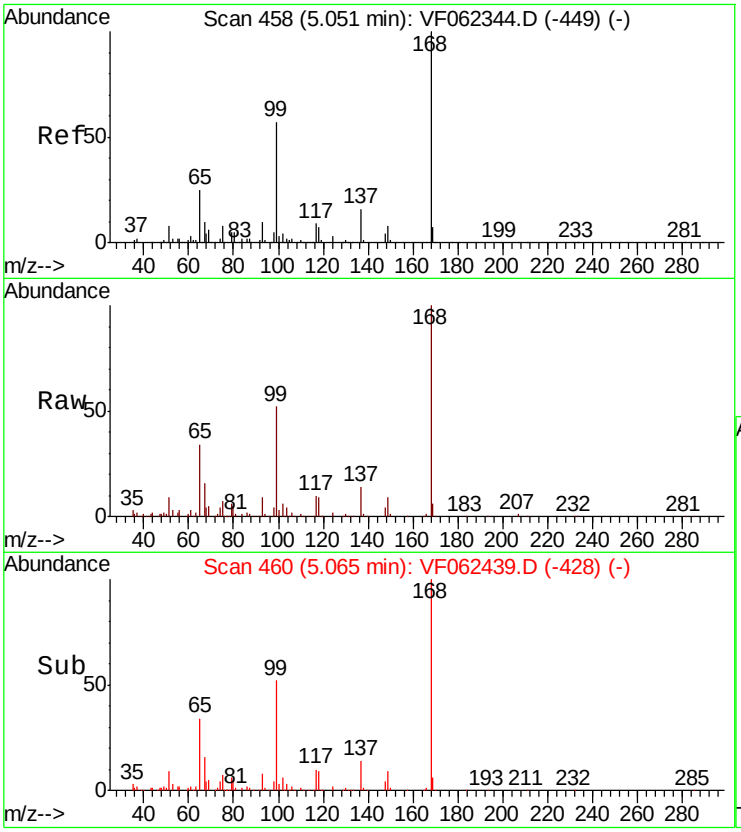
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062439.D
Acq On : 11 May 2019 1:22
Operator : FY/SY
Sample : K2728-01
Misc : 5.34g/5mL/MSVOA_F/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P-3A-OW(0-10)

Quant Time: May 11 05:40:36 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



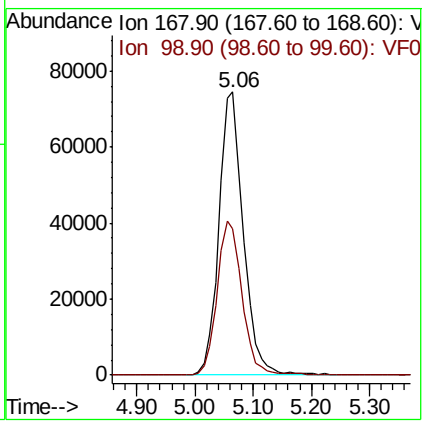


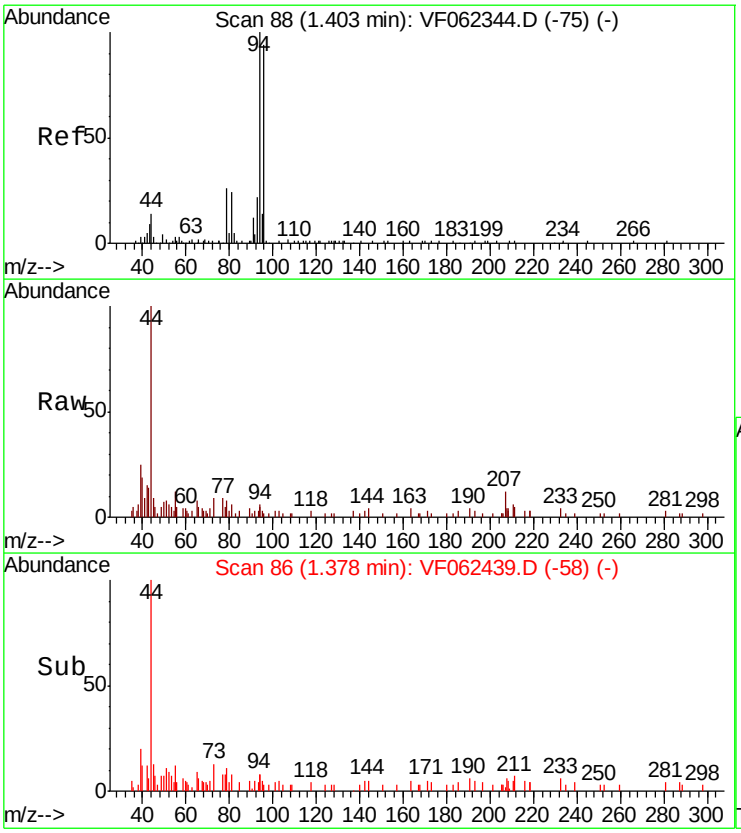
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 460
Delta R.T. 0.01 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Instrument :
MSVOA_F
ClientSampleId :
P-3A-OW(0-10)

Tgt Ion:168 Resp: 215872

Ion	Ratio	Lower	Upper
168	100		
99	51.9	45.9	68.9

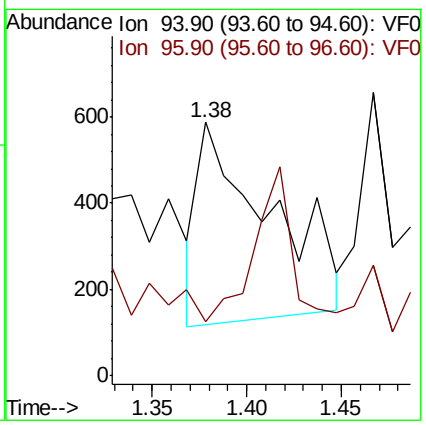


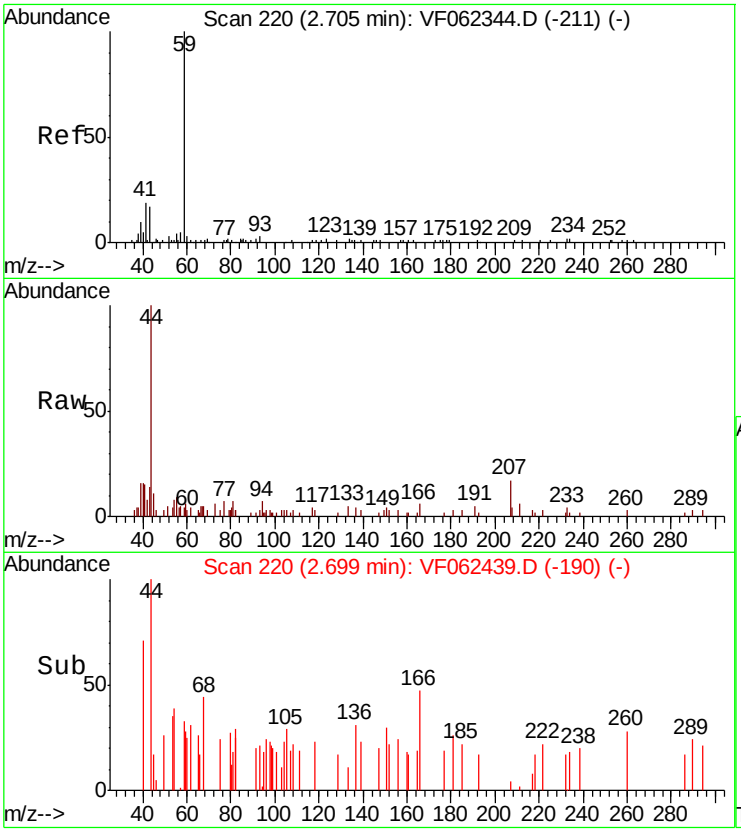


#5
Bromomethane
Concen: Below Cal
RT: 1.38 min Scan# 86
Delta R.T. -0.02 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Tgt Ion: 94 Resp: 1236

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#



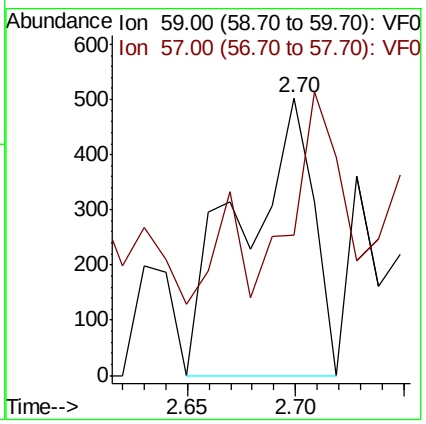


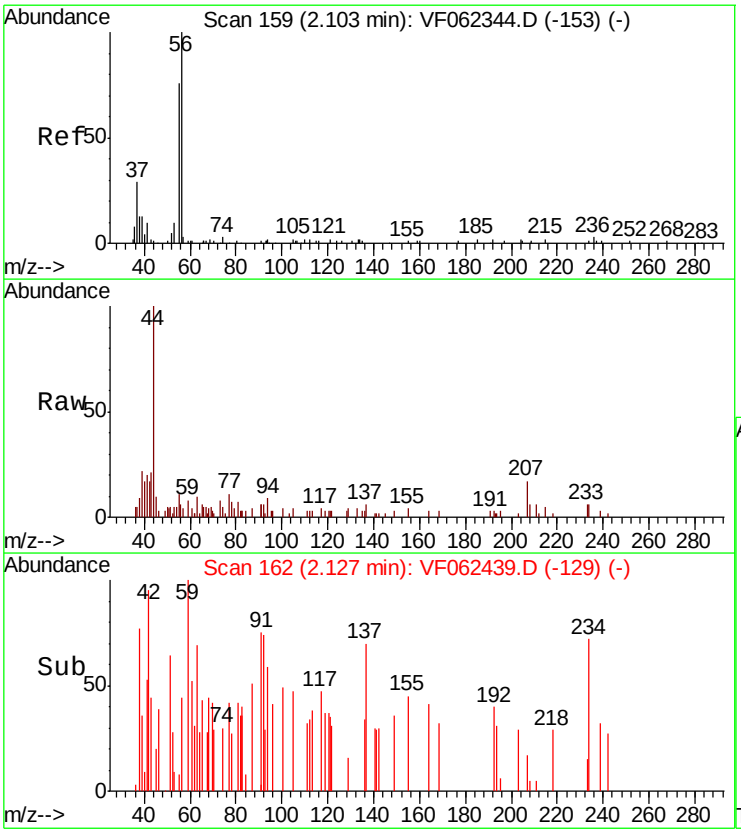
#11
Tert butyl alcohol
Concen: 10.078 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.01 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Instrument : MSVOA_F
ClientSampleId : P-3A-OW(0-10)

Tgt Ion: 59 Resp: 1162

Ion	Ratio	Lower	Upper
59	100		
57	57.4	9.3	13.9#

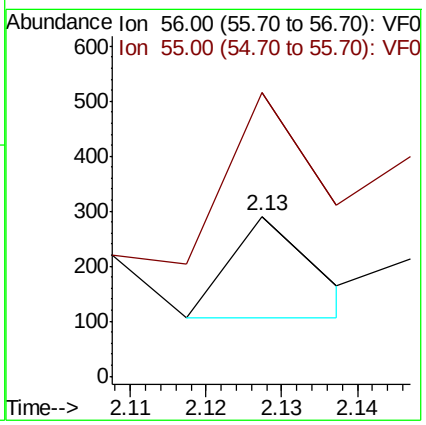


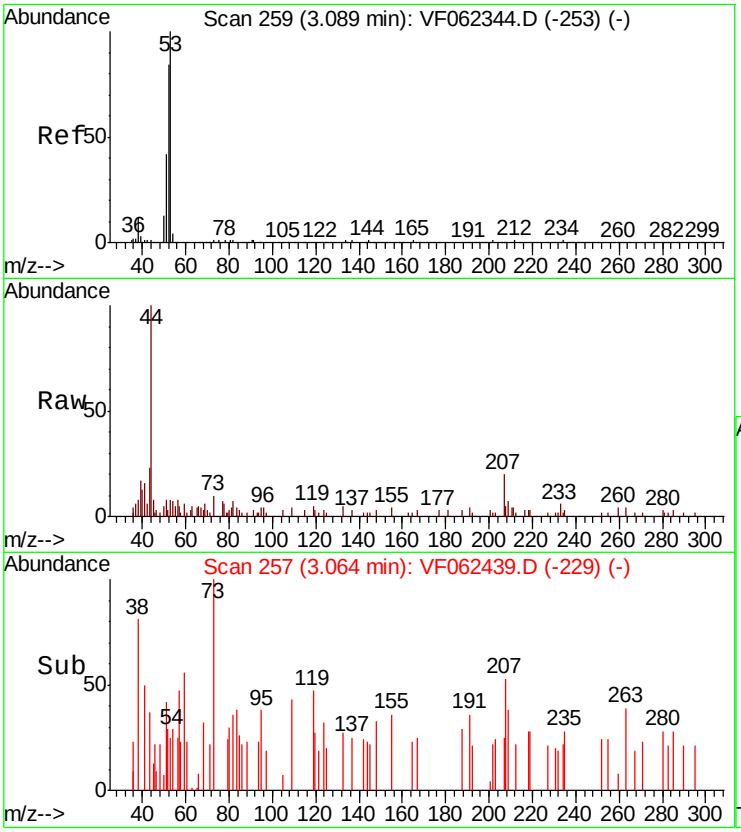


#13
Acrolein
Concen: Below Cal
RT: 2.13 min Scan# 162
Delta R.T. 0.02 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Tgt Ion: 56 Resp: 145

Ion	Ratio	Lower	Upper
56	100		
55	170.3	58.4	87.6#



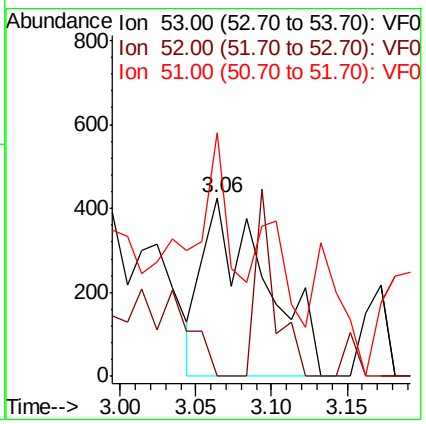


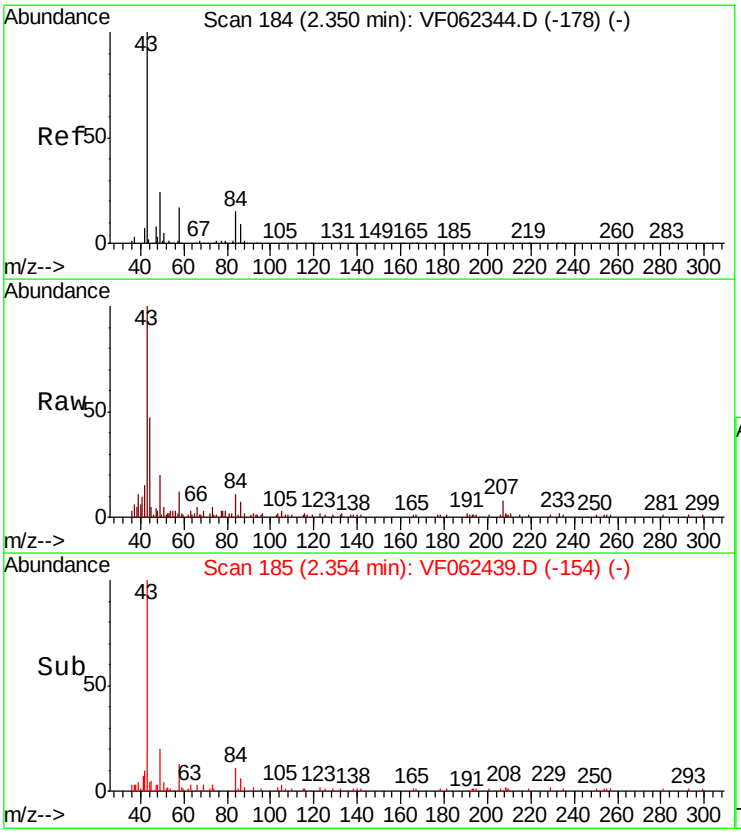
#15
Acrylonitrile
Concen: 5.554 ug/l
RT: 3.06 min Scan# 257
Delta R.T. -0.03 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Instrument : MSVOA_F
ClientSampleId : P-3A-OW(0-10)

Tgt Ion: 53 Resp: 1213

Ion	Ratio	Lower	Upper
53	100		
52	0.0	77.2	115.8#
51	53.2	40.6	61.0

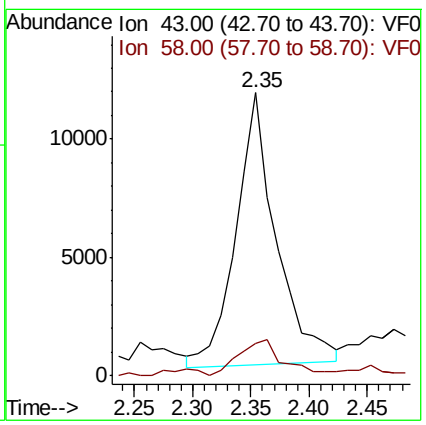


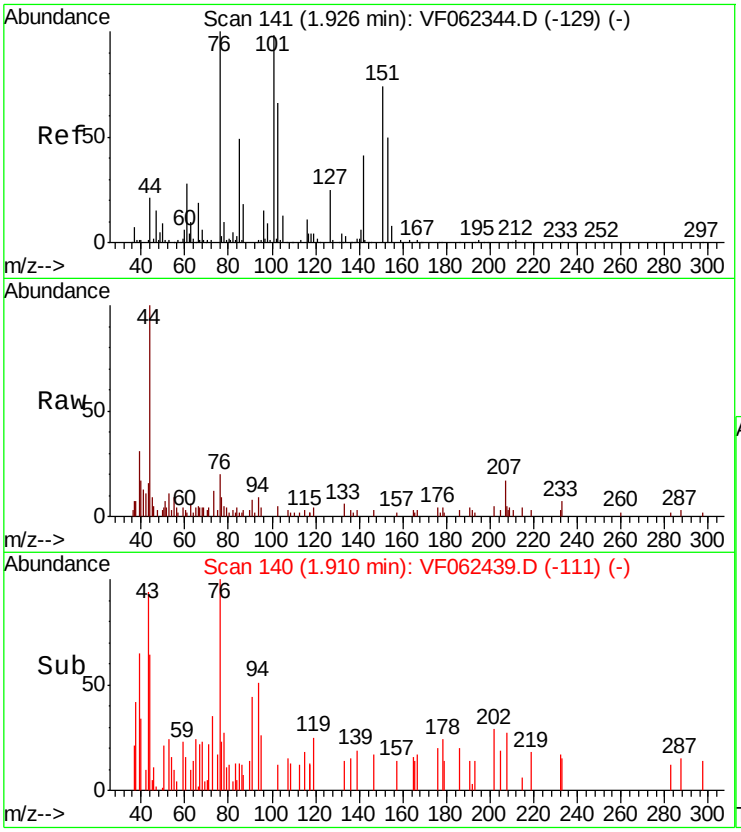


#16
Acetone
Concen: 66.514 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.00 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Tgt Ion: 43 Resp: 27450

Ion	Ratio	Lower	Upper
43	100		
58	11.1	13.1	19.7#



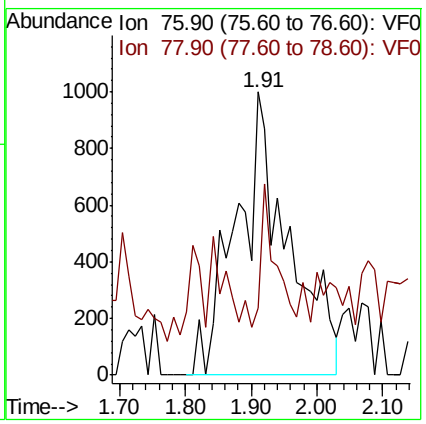


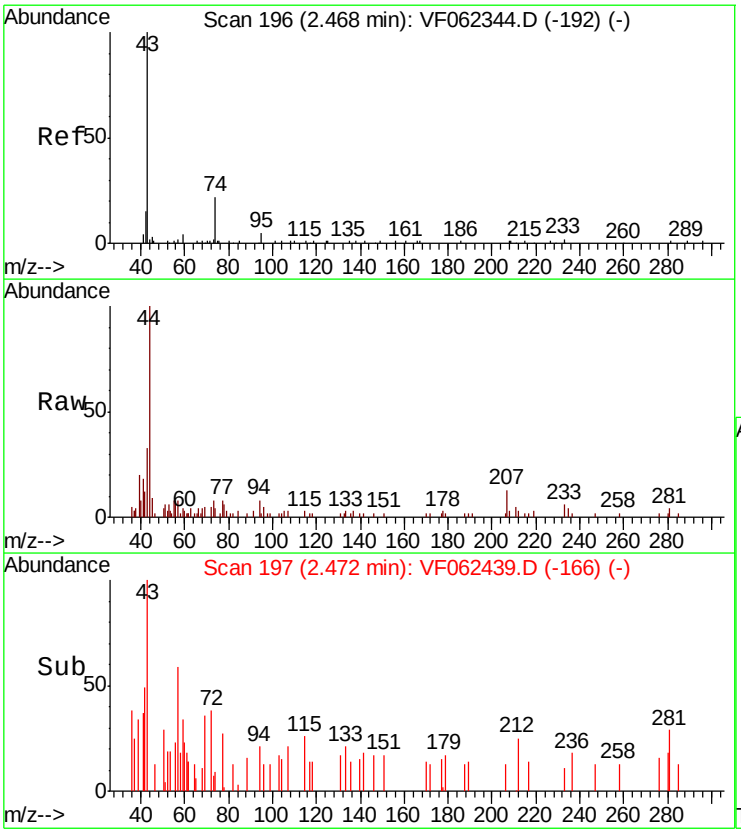
#17
Carbon Disulfide
Concen: 1.511 ug/l
RT: 1.91 min Scan# 140
Delta R.T. -0.02 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Instrument :
MSVOA_F
ClientSampleId :
P-3A-OW(0-10)

Tgt Ion: 76 Resp: 5453

Ion	Ratio	Lower	Upper
76	100		
78	1.5	9.0	13.4#

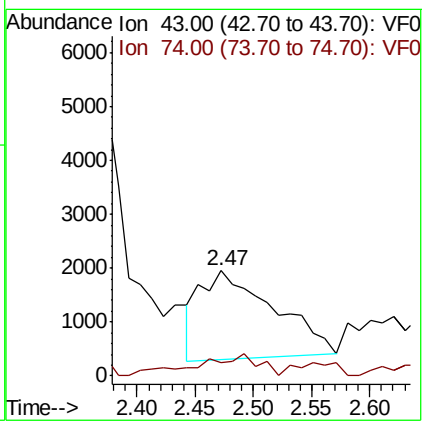


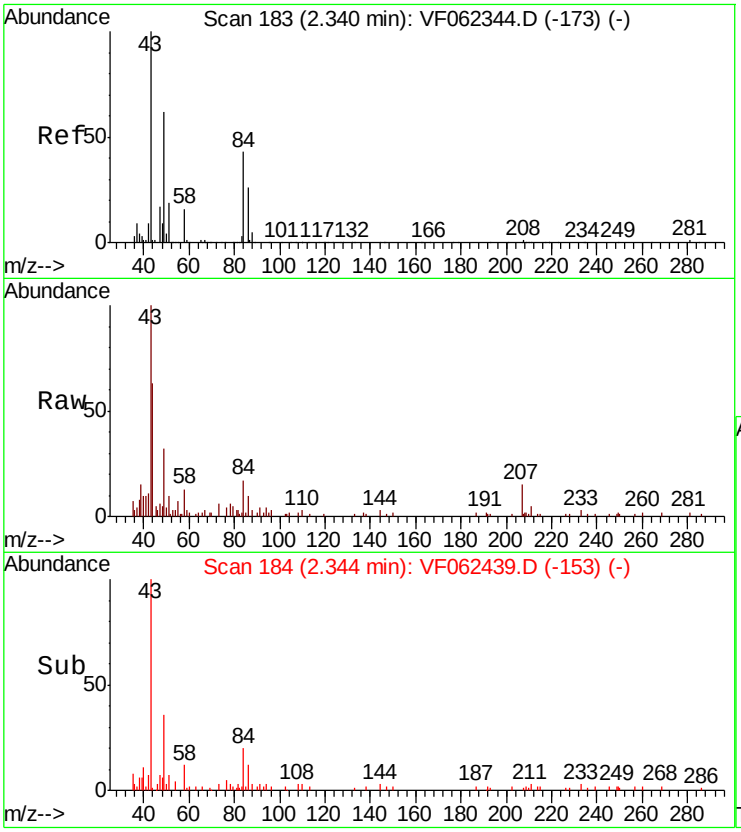


#18
Methyl Acetate
Concen: 6.900 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Tgt Ion: 43 Resp: 7225

Ion	Ratio	Lower	Upper
43	100		
74	16.3	15.0	22.4



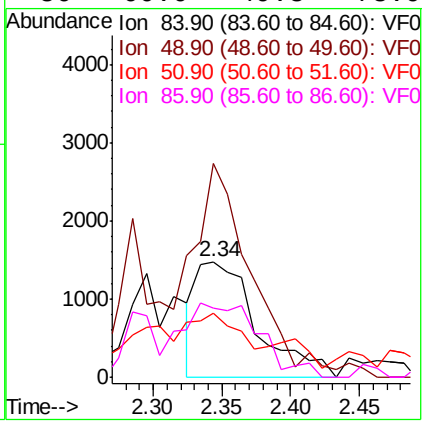


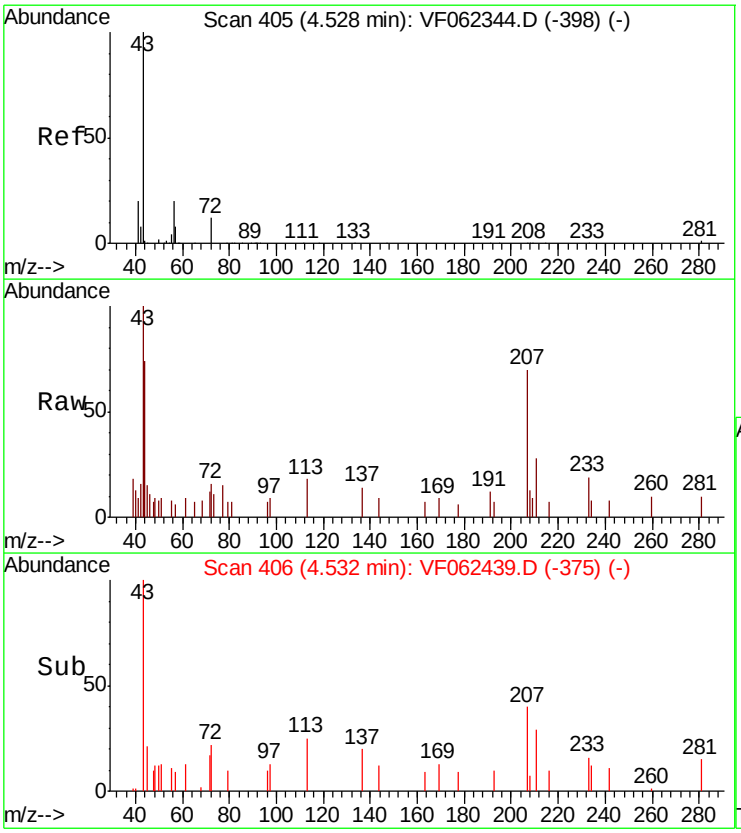
#20
Methylene Chloride
Concen: 3.025 ug/l
RT: 2.34 min Scan# 184
Delta R.T. 0.00 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Instrument : MSVOA_F
ClientSampleId : P-3A-OW(0-10)

Tgt Ion: 84 Resp: 4516

Ion	Ratio	Lower	Upper
84	100		
49	177.7	117.5	176.3#
51	39.5	37.0	55.4
86	60.0	49.3	73.9

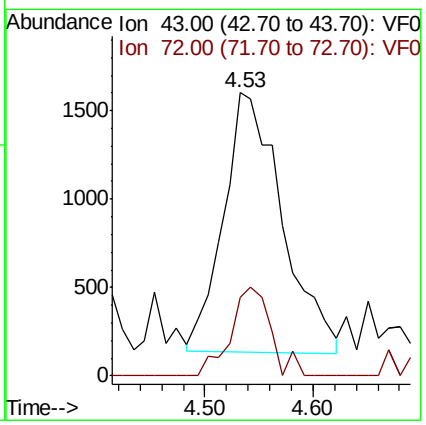


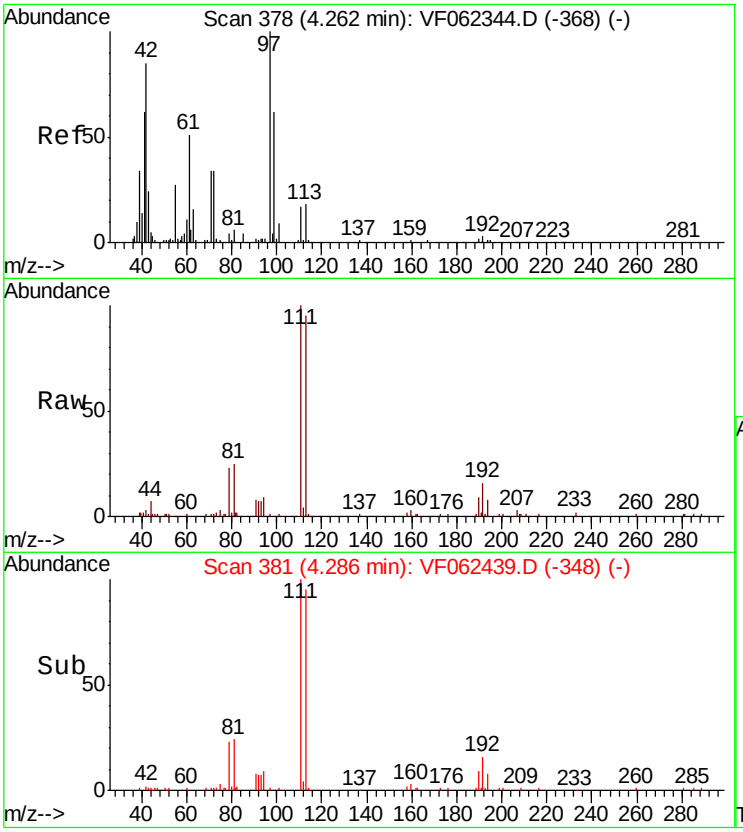


#25
2-Butanone
Concen: 10.774 ug/l
RT: 4.53 min Scan# 406
Delta R.T. 0.00 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Tgt Ion: 43 Resp: 5586

Ion	Ratio	Lower	Upper
43	100		
72	31.4	14.2	21.4#



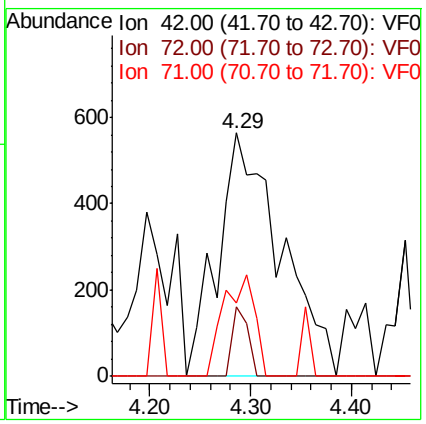


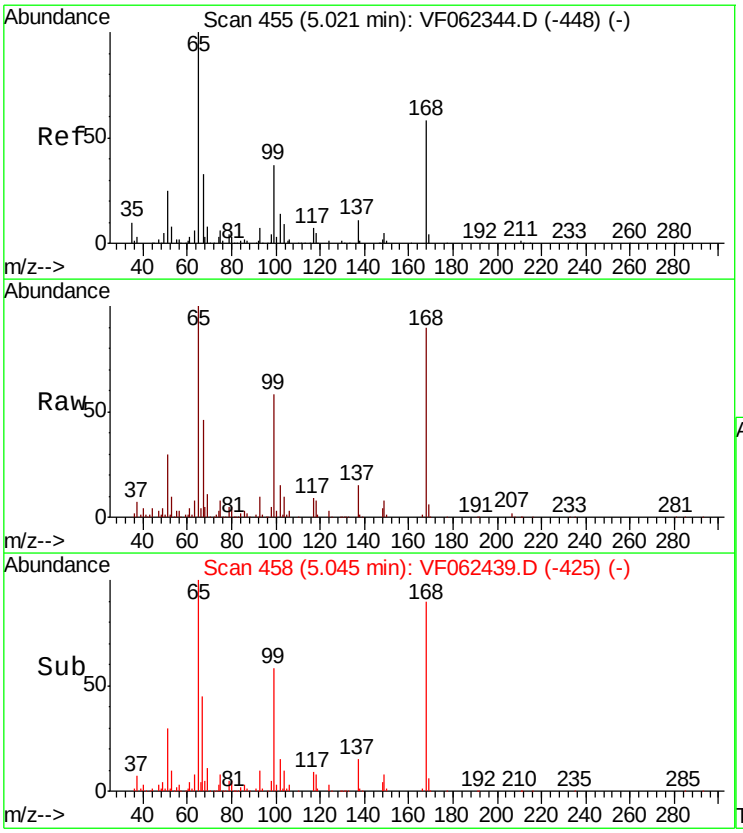
#29
Tetrahydrofuran
Concen: 10.290 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.02 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Instrument :
MSVOA_F
ClientSampleId :
P-3A-OW(0-10)

Tgt Ion: 42 Resp: 2452

Ion	Ratio	Lower	Upper
42	100		
72	6.9	31.4	47.0#
71	20.6	31.7	47.5#

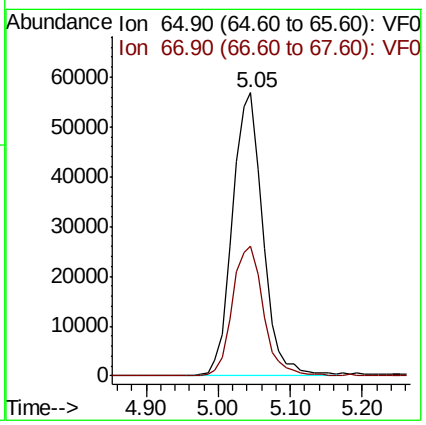


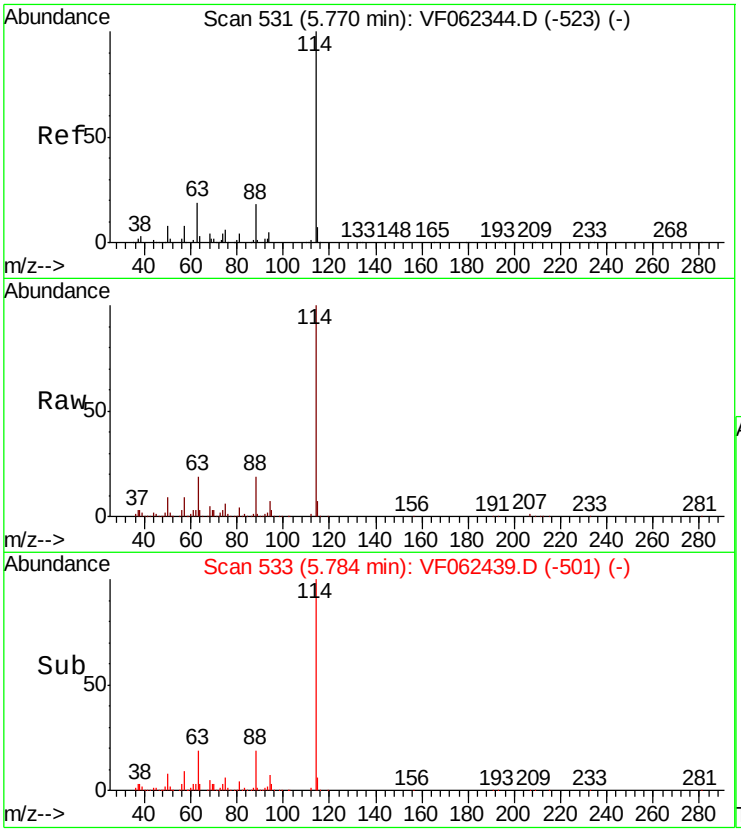


#33
1,2-Dichloroethane-d4
Concen: 82.275 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.02 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Tgt Ion: 65 Resp: 167848

Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	85.8



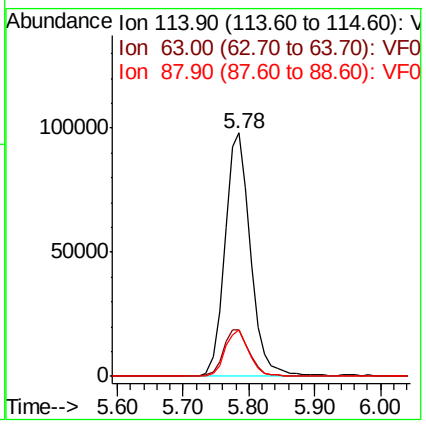


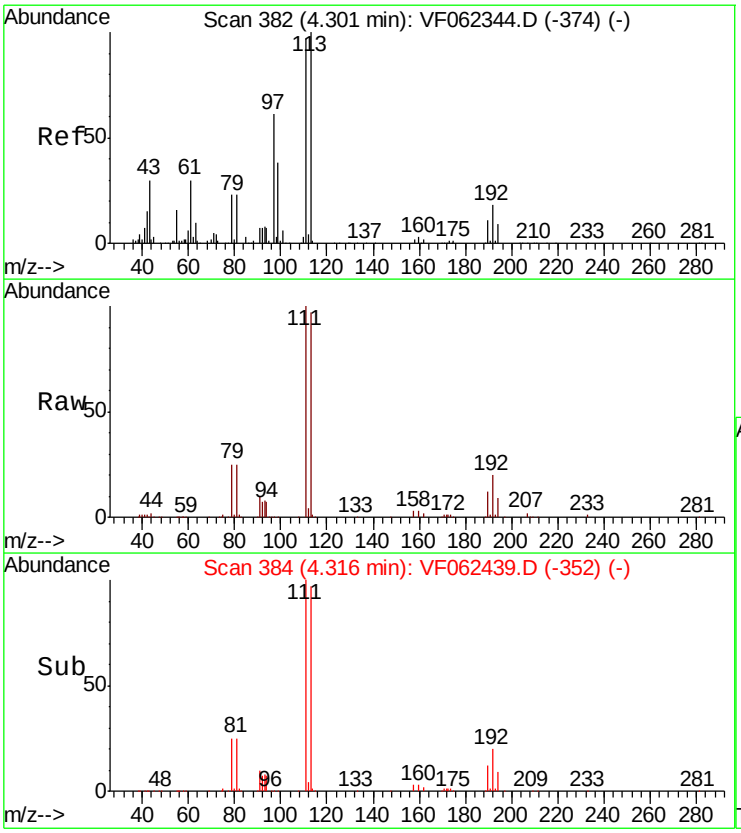
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.01 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Instrument :
MSVOA_F
ClientSampleId :
P-3A-OW(0-10)

Tgt Ion:114 Resp: 266805

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.4
88	19.3	0.0	36.4

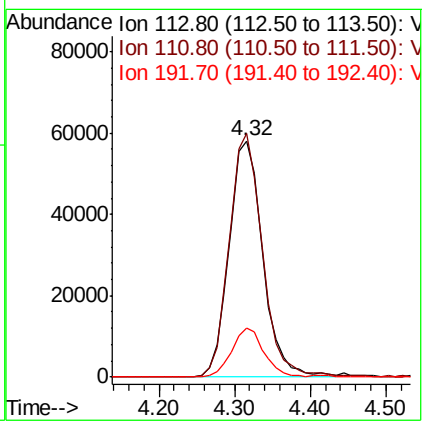


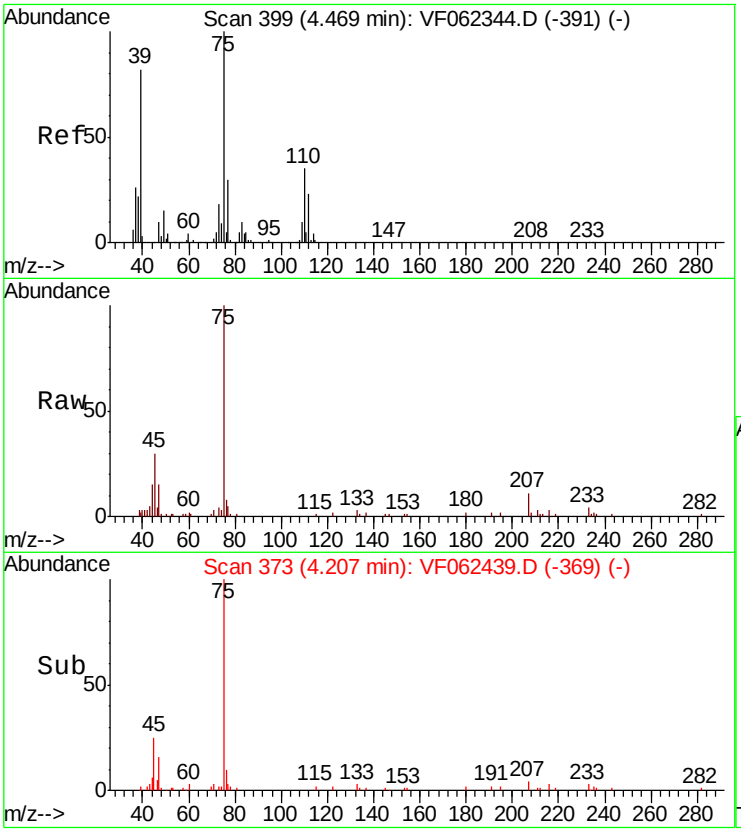


#35
Dibromofluoromethane
Concen: 84.148 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Tgt Ion:113 Resp: 178864

Ion	Ratio	Lower	Upper
113	100		
111	102.0	79.4	119.0
192	20.0	16.0	24.0



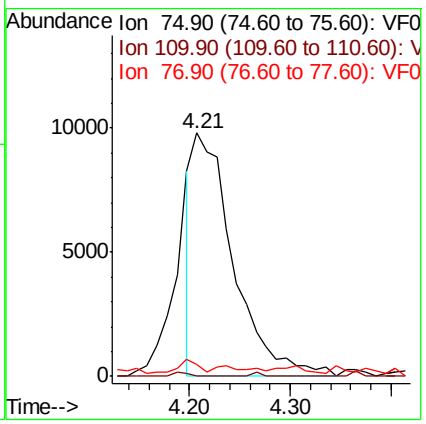


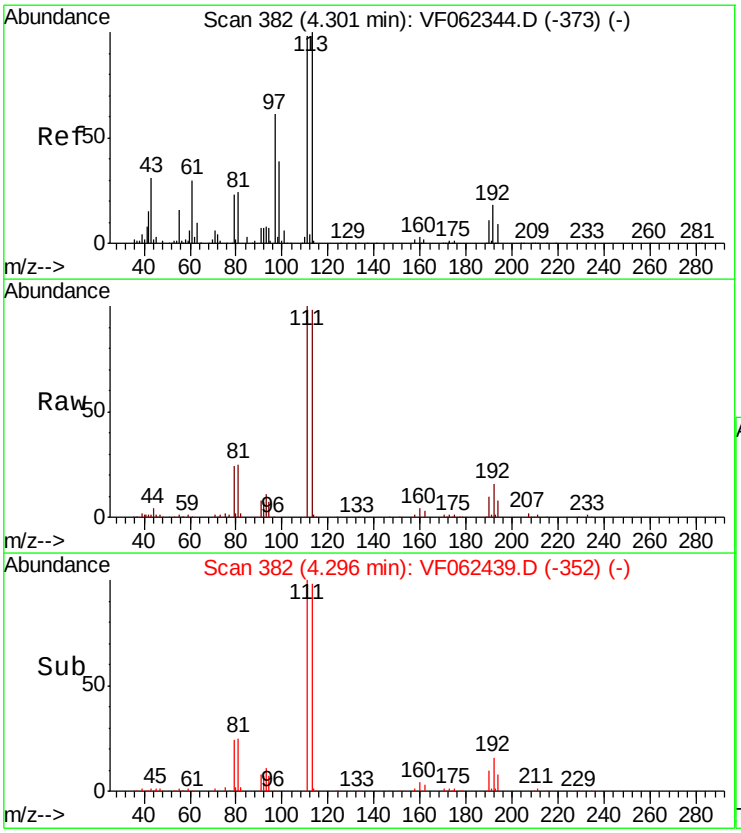
#36
1,1-Dichloropropene
Concen: 11.913 ug/l
RT: 4.21 min Scan# 373
Delta R.T. -0.26 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Instrument : MSVOA_F
ClientSampleId : P-3A-OW(0-10)

Tgt Ion: 75 Resp: 27304

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.2	51.5#
77	0.0	25.2	37.8#

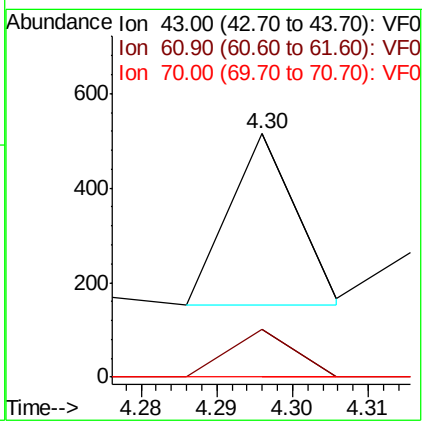


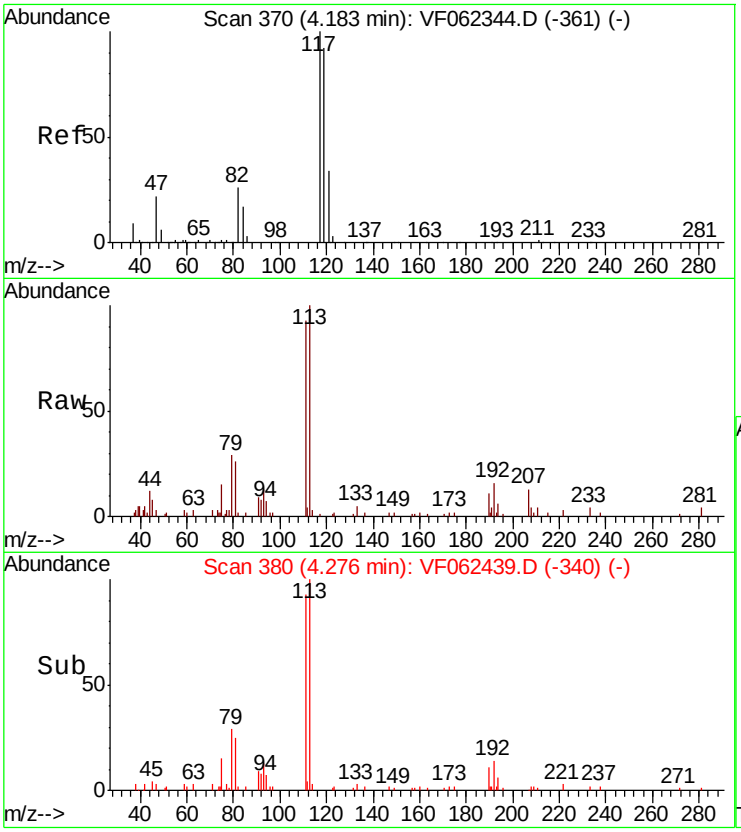


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Tgt Ion: 43 Resp: 221

Ion	Ratio	Lower	Upper
43	100		
61	27.1	0.0	0.0#
70	0.0	8.2	12.2#



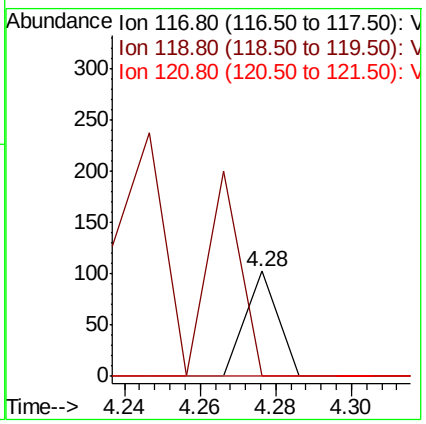


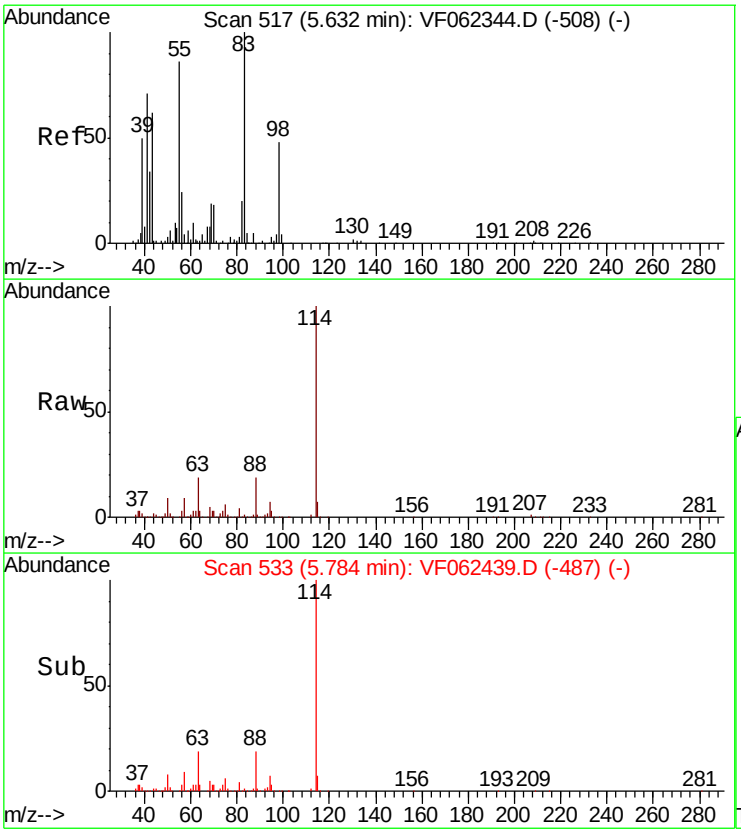
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.28 min Scan# 380
Delta R.T. 0.09 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Instrument : MSVOA_F
ClientSampleId : P-3A-OW(0-10)

Tgt Ion:117 Resp: 61

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

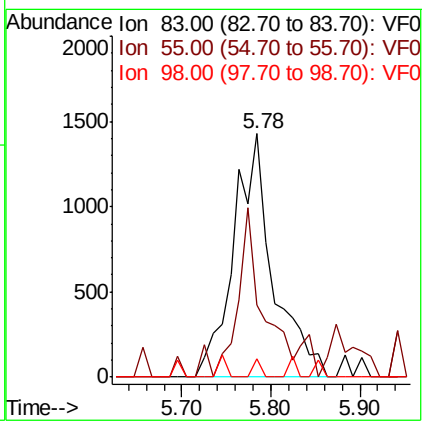


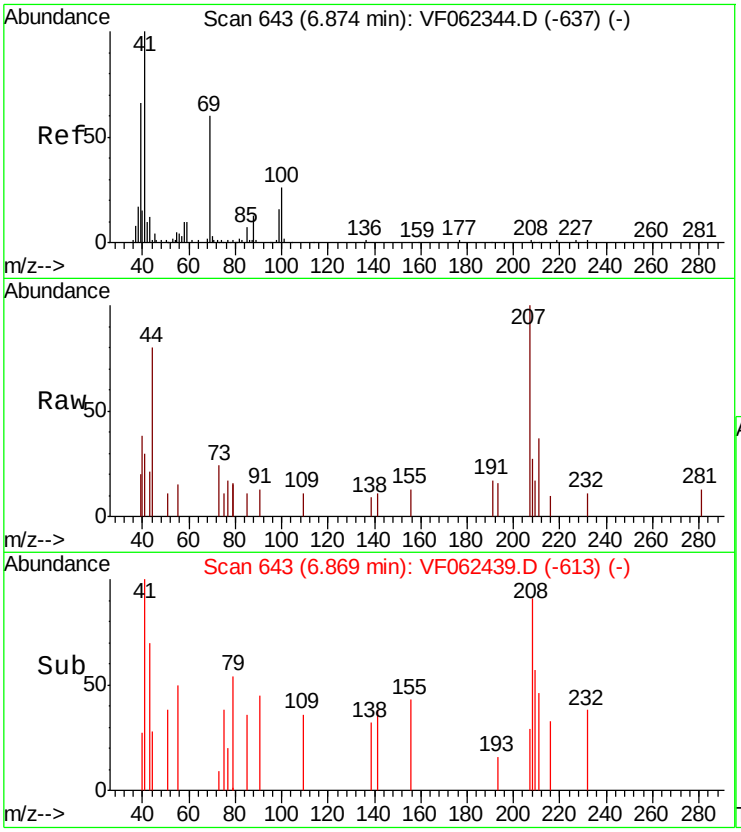


#39
Methylcyclohexane
Concen: 1.919 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.15 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Tgt Ion: 83 Resp: 4411

Ion	Ratio	Lower	Upper
83	100		
55	29.4	69.0	103.6#
98	7.3	38.6	58.0#



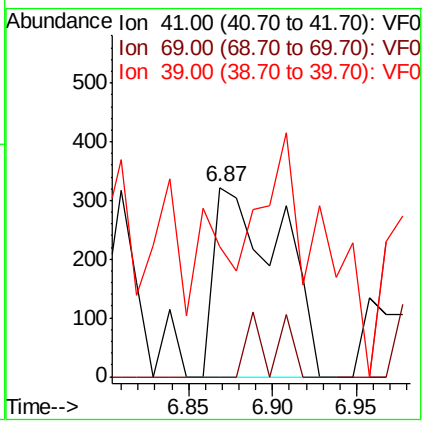


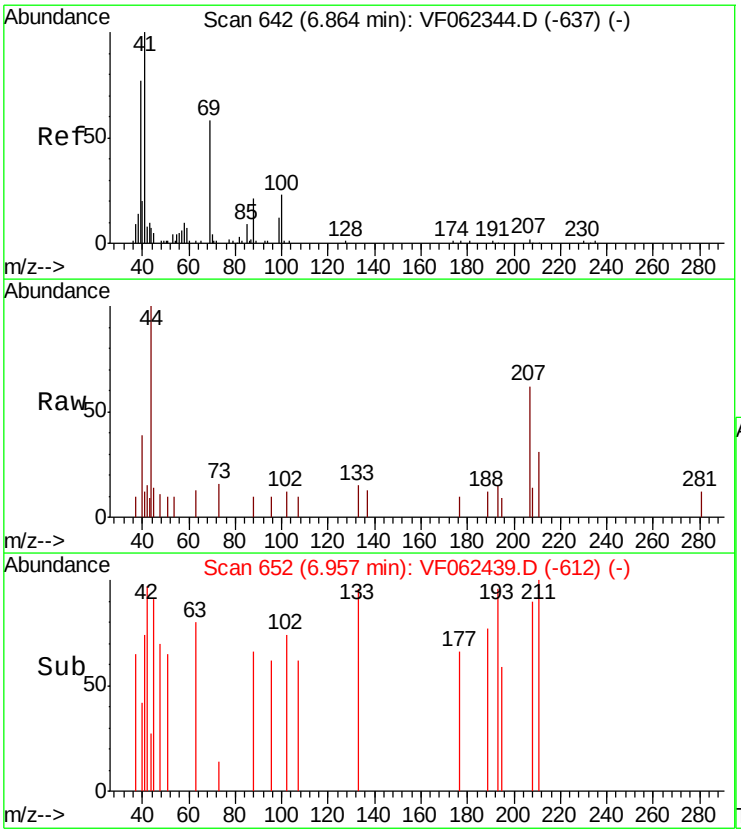
#48
Methyl methacrylate
Concen: 1.200 ug/l
RT: 6.87 min Scan# 643
Delta R.T. -0.01 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Instrument : MSVOA_F
ClientSampleId : P-3A-OW(0-10)

Tgt Ion: 41 Resp: 884

Ion	Ratio	Lower	Upper
41	100		
69	14.5	48.6	72.8#
39	0.0	56.1	84.1#

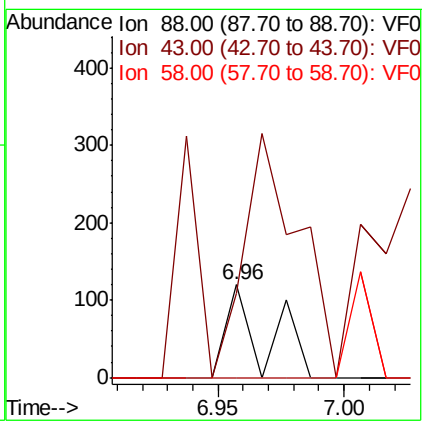


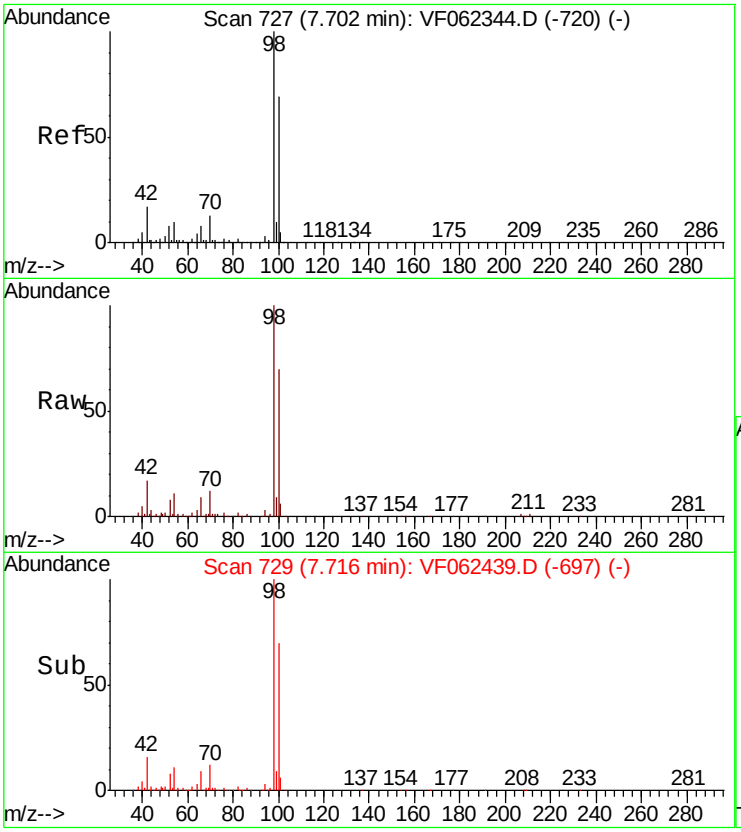


#49
1,4-Dioxane
Concen: 4.144 ug/l
RT: 6.96 min Scan# 652
Delta R.T. 0.09 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Tgt Ion: 88 Resp: 130

Ion	Ratio	Lower	Upper
88	100		
43	364.6	55.6	83.4#
58	0.0	52.8	79.2#



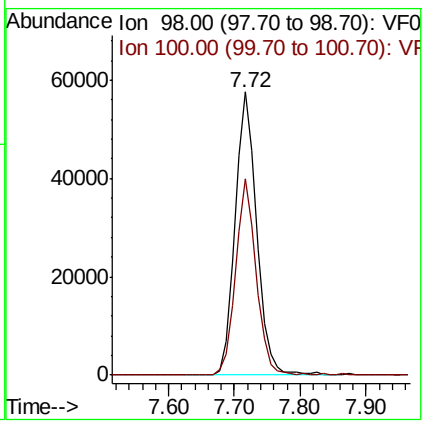


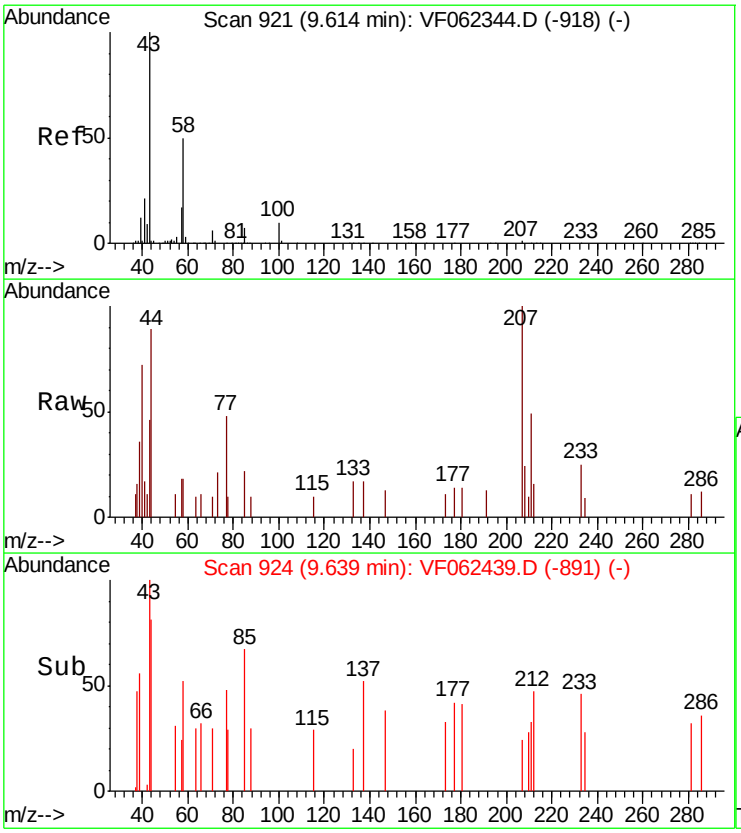
#50
Toluene-d8
Concen: 25.801 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Instrument : MSVOA_F
ClientSampleId : P-3A-OW(0-10)

Tgt Ion: 98 Resp: 132756

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.3	79.9

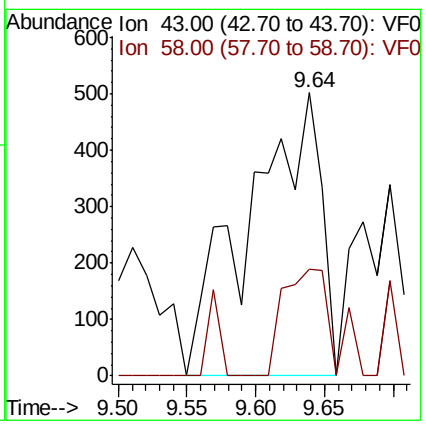


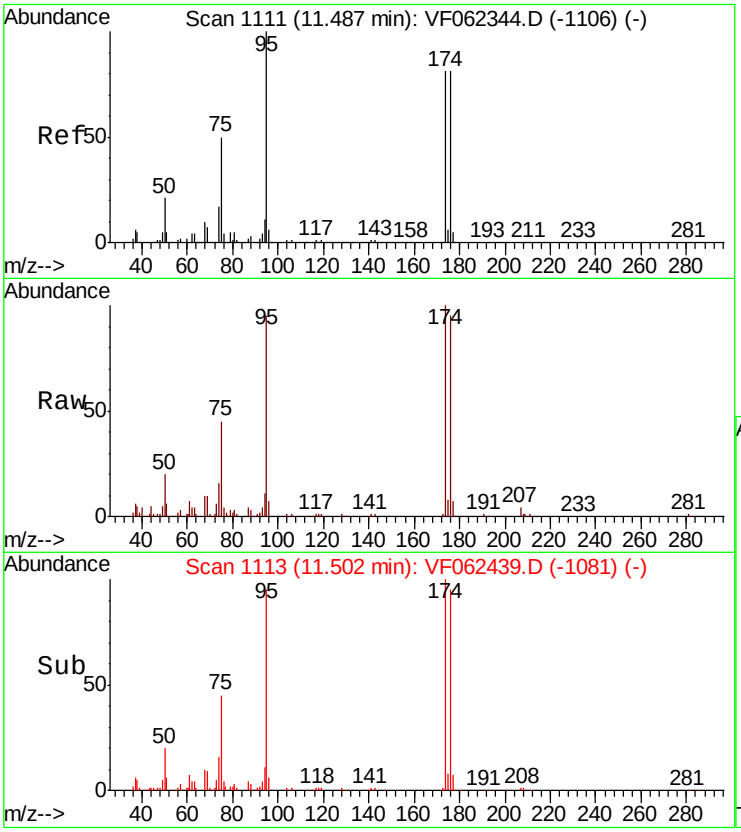


#59
2-Hexanone
Concen: 3.355 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.02 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Tgt Ion: 43 Resp: 1833

Ion	Ratio	Lower	Upper
43	100		
58	26.4	24.3	73.0



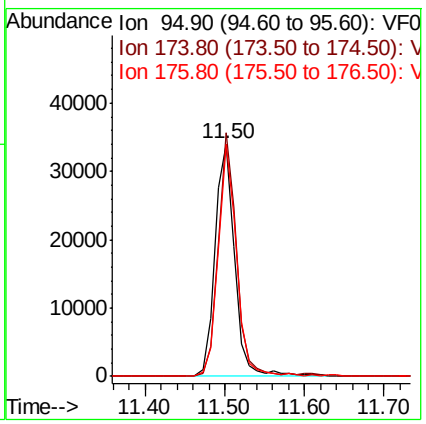


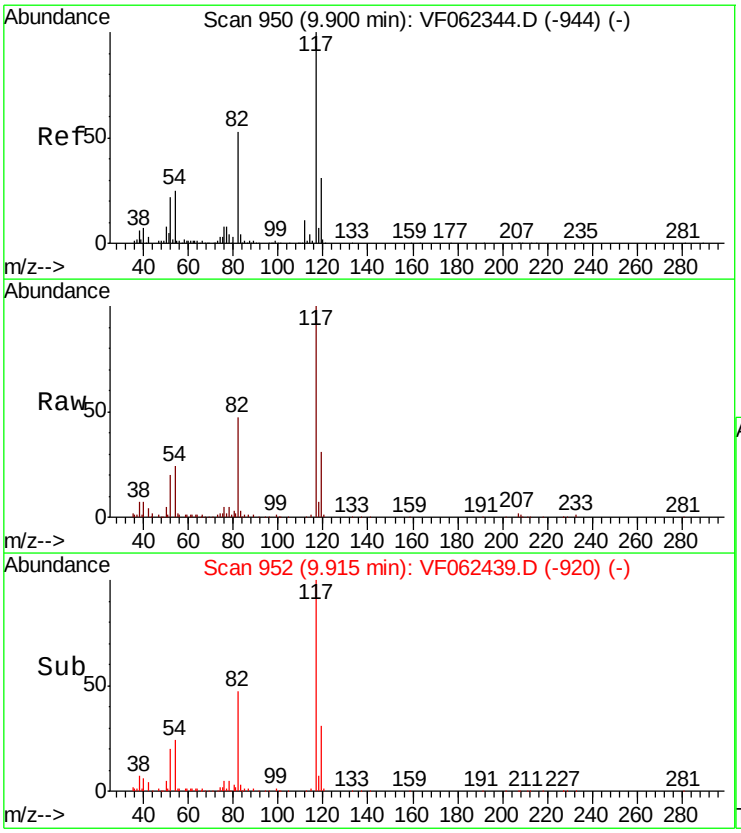
#62
4-Bromofluorobenzene
Concen: 25.497 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Instrument : MSVOA_F
ClientSampleId : P-3A-OW(0-10)

Tgt Ion: 95 Resp: 59188

Ion	Ratio	Lower	Upper
95	100		
174	97.5	0.0	191.8
176	94.1	0.0	193.2

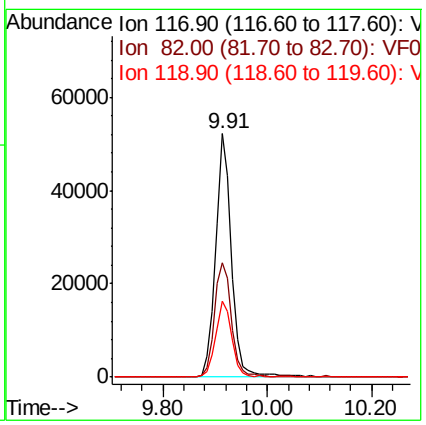


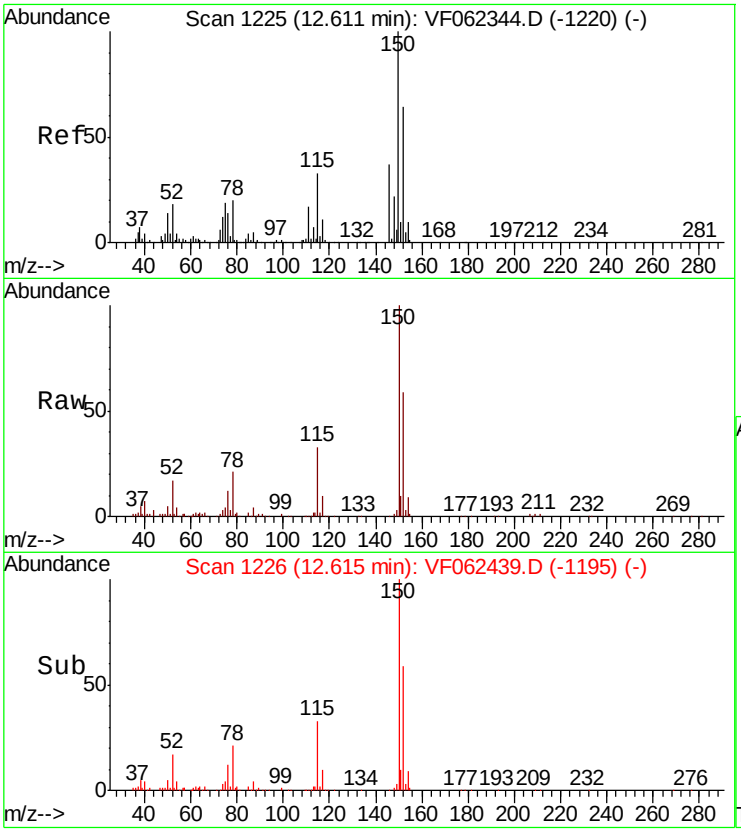


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Tgt Ion:117 Resp: 110642

Ion	Ratio	Lower	Upper
117	100		
82	47.2	42.2	63.2
119	31.0	25.0	37.4



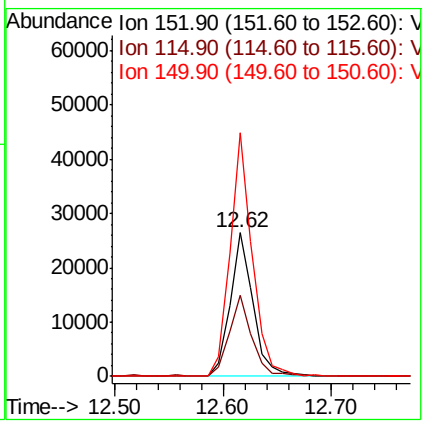


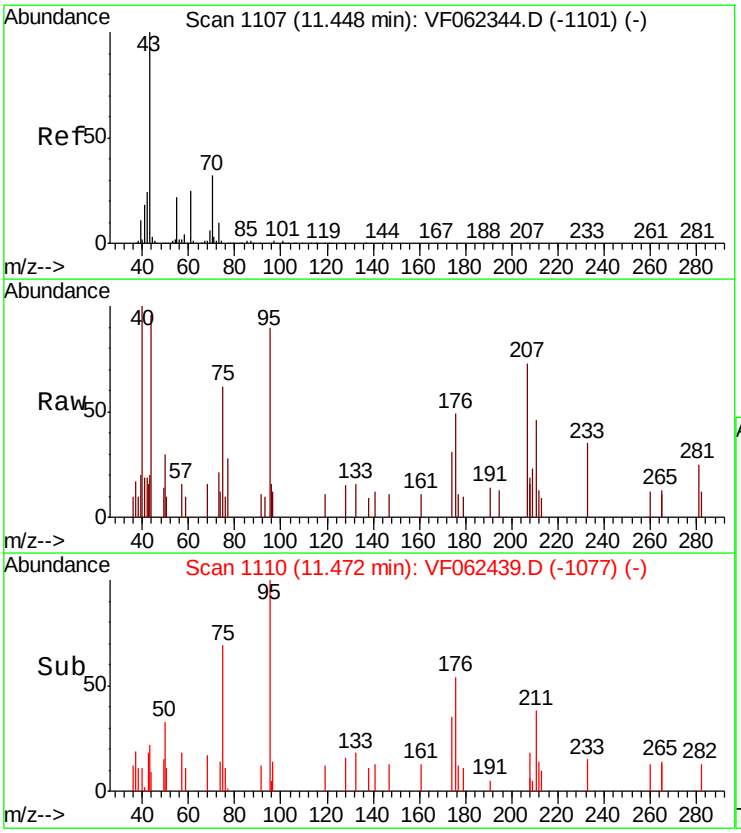
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Instrument : MSVOA_F
ClientSampleId : P-3A-OW(0-10)

Tgt Ion:152 Resp: 38834

Ion	Ratio	Lower	Upper
152	100		
115	56.4	26.4	79.2
150	165.6	0.0	335.0

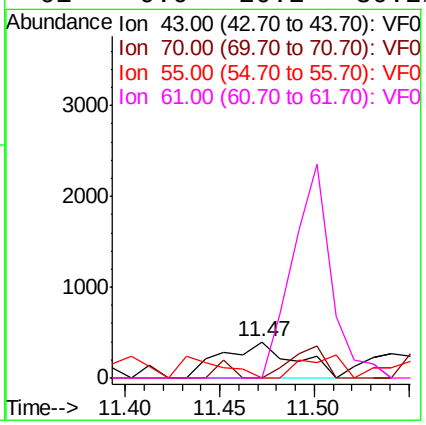


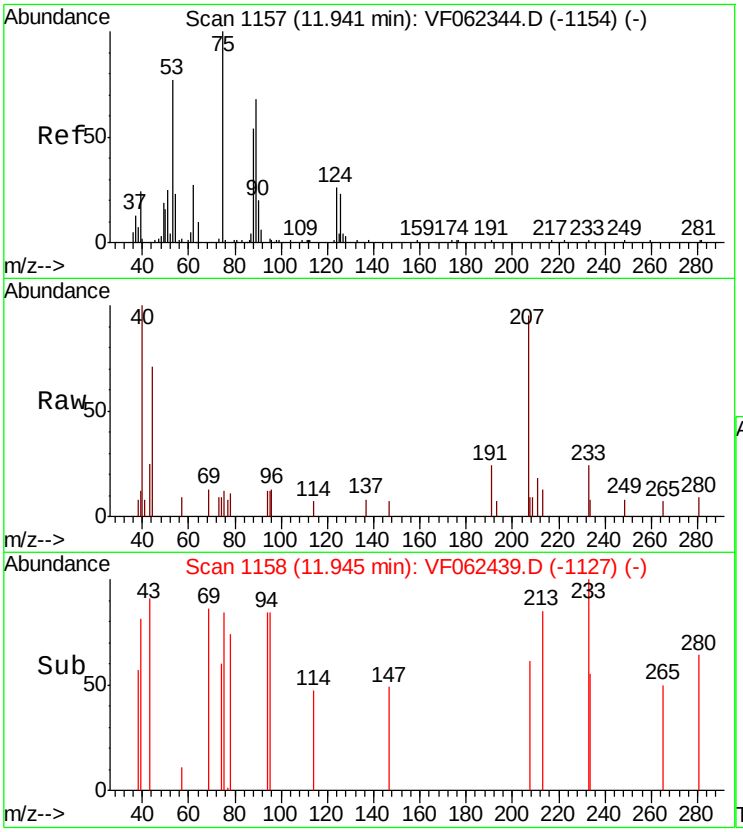


#74
N-amyl acetate
Concen: 2.137 ug/l
RT: 11.47 min Scan# 1110
Delta R.T. 0.02 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Tgt Ion: 43 Resp: 1056

Ion	Ratio	Lower	Upper
43	100		
70	11.1	26.5	39.7#
55	0.0	17.8	26.6#
61	0.0	20.2	30.2#



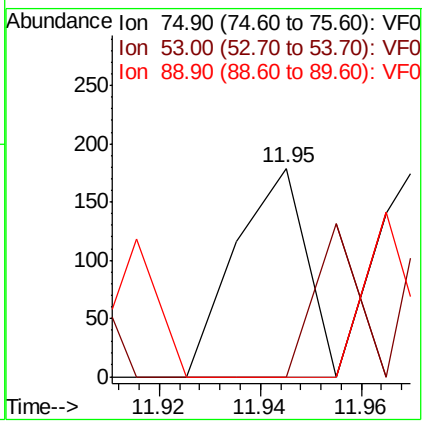


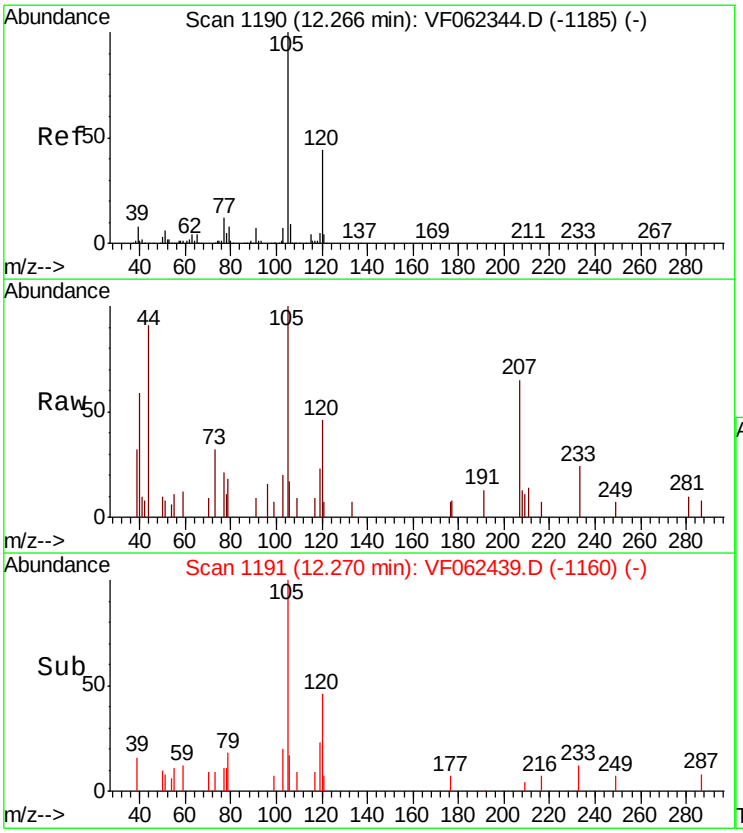
#81
trans-1,4-Dichloro-2-butene
Concen: 1.683 ug/l
RT: 11.95 min Scan# 1158
Delta R.T. 0.00 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Instrument :
MSVOA_F
ClientSampleId :
P-3A-OW(0-10)

Tgt Ion: 75 Resp: 174

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

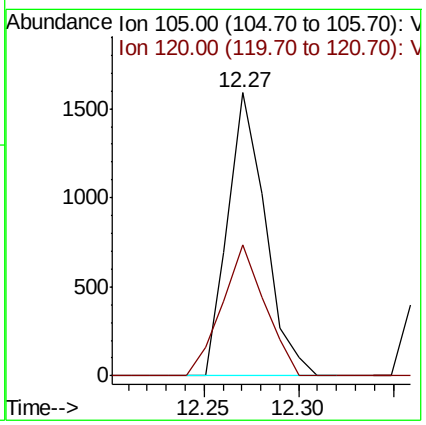


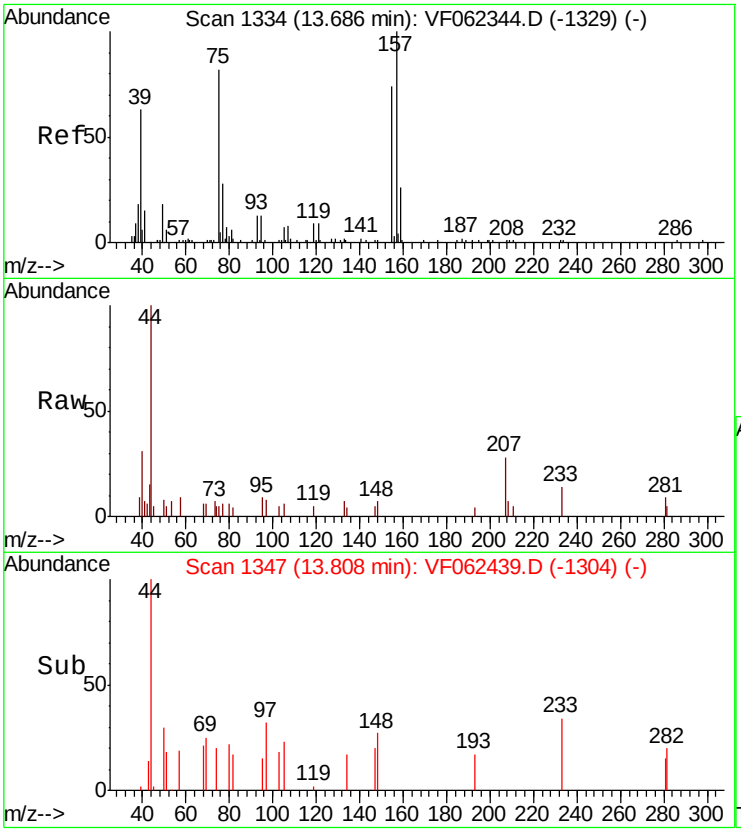


#84
1,2,4-Trimethylbenzene
Concen: 1.102 ug/l
RT: 12.27 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Tgt Ion:105 Resp: 2176

Ion	Ratio	Lower	Upper
105	100		
120	53.3	22.6	67.7



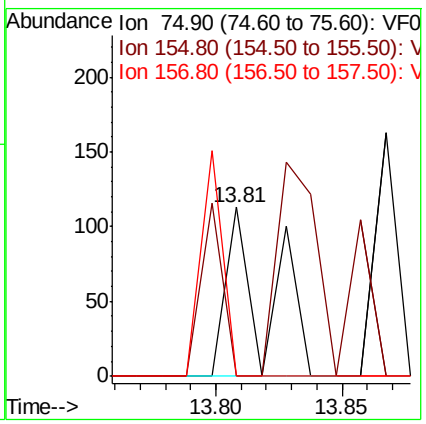


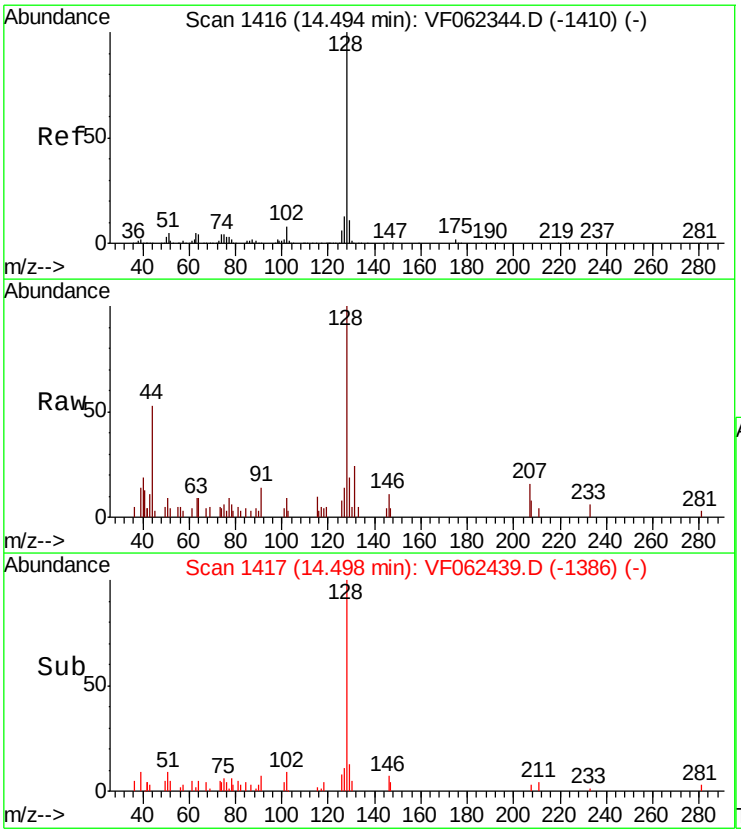
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.560 ug/l
RT: 13.81 min Scan# 1347
Delta R.T. 0.12 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Instrument :
MSVOA_F
ClientSampleId :
P-3A-OW(0-10)

Tgt Ion: 75 Resp: 126

Ion	Ratio	Lower	Upper
75	100		
155	54.8	51.8	155.4
157	70.6	67.3	201.8





#95
Naphthalene
Concen: 3.997 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VF062439.D
Acq: 11 May 2019 1:22

Tgt Ion:128 Resp: 5757

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	16.6	8.6	12.8#