Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110718\
Data File : VF060639.D
Acq On : 7 Nov 2018 20:16
Operator : VA/AP
Sample : J5827-31RE
Misc : 3.88g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Quant Time: Nov 08 08:09:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	86	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.77	117	65	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.79	65	67	13.51	ug/l	-0.05
Spiked Amount 50.000			Recovery = 27.02%			
35) Dibromofluoromethane	4.10	113	91	136.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 273.92%			
50) Toluene-d8	7.63	98	61	30.99	ug/l	0.07
Spiked Amount 50.000			Recovery = 61.98%			
62) 4-Bromofluorobenzene	11.57	95	78	90.60	ug/l	0.15
Spiked Amount 50.000			Recovery = 181.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.99	85	149	27.218	ug/l #	41
3) Chloromethane	1.12	50	343	79.819	ug/l #	76
4) Vinyl Chloride	1.01	62	163	41.164	ug/l #	48
5) Bromomethane	1.29	94	295	132.723	ug/l #	1
6) Chloroethane	1.35	64	61	41.977	ug/l #	1
8) Diethyl Ether	1.61	74	69	50.233	ug/l	98
11) Tert butyl alcohol	2.61	59	65	250.191	ug/l #	52
12) 1,1-Dichloroethene	1.79	96	60	16.821	ug/l #	1
13) Acrolein	2.01	56	272	1893.184	ug/l #	1
14) Allyl chloride	2.10	41	111	19.058	ug/l #	55
15) Acrylonitrile	2.89	53	131	221.569	ug/l #	15
16) Acetone	2.26	43	208	177.932	ug/l #	59
17) Carbon Disulfide	1.72	76	64	6.370	ug/l #	1
18) Methyl Acetate	2.41	43	456	249.199	ug/l #	64
19) Methyl tert-butyl Ether	2.45	73	86	10.314	ug/l #	1
20) Methylene Chloride	2.24	84	60	13.300	ug/l #	3
21) trans-1,2-Dichloroethene	2.28	96	66	17.637	ug/l #	1
22) Diisopropyl ether	2.78	45	333	26.985	ug/l #	54
23) Vinyl Acetate	3.18	43	410	55.299	ug/l #	53
25) 2-Butanone	4.34	43	898	431.740	ug/l #	56
26) 2,2-Dichloropropane	3.64	77	172	32.187	ug/l #	1
27) cis-1,2-Dichloroethene	3.42	96	91	12.738	ug/l	1
28) Bromochloromethane	3.65	49	63	14.057	ug/l #	13
29) Tetrahydrofuran	4.37	42	184	211.009	ug/l	92
30) Chloroform	3.83	83	63	5.576	ug/l #	16
31) Cyclohexane	3.70	56	389	39.471	ug/l #	11
32) 1,1,1-Trichloroethane	4.08	97	140	17.741	ug/l #	21
37) Ethyl Acetate	4.11	43	407	895.381	ug/l #	17
39) Methylcyclohexane	5.47	83	76	65.769	ug/l #	6
40) Benzene	4.62	78	65	28.279	ug/l #	51
41) Methacrylonitrile	4.78	41	341	1324.687	ug/l #	66
42) 1,2-Dichloroethane	4.97	62	74	112.173	ug/l	71
43) Isopropyl Acetate	6.92	43	1391	2419.233	ug/l #	45
45) 1,2-Dichloropropane	6.40	63	66	112.273	ug/l #	43

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110718\
Data File : VF060639.D
Acq On : 7 Nov 2018 20:16
Operator : VA/AP
Sample : J5827-31RE
Misc : 3.88g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Quant Time: Nov 08 08:09:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
46) Dibromomethane	6.14	93	63	168.929 ug/l #	3
47) Bromodichloromethane	6.47	83	76	84.488 ug/l #	25
48) Methyl methacrylate	6.74	41	349	965.782 ug/l #	39
49) 1,4-Dioxane	6.94	88	68	17988.374 ug/l #	1
51) 4-Methyl-2-Pentanone	8.25	43	1717	4440.692 ug/l #	37
54) cis-1,3-Dichloropropene	7.30	75	70	70.865 ug/l #	1
55) 1,1,2-Trichloroethane	8.52	97	64	146.890 ug/l #	19
56) Ethyl methacrylate	8.65	69	246	438.837 ug/l #	2
57) 1,3-Dichloropropane	8.82	76	62	81.099 ug/l #	44
59) 2-Hexanone	9.51	43	462	1981.903 ug/l #	26
61) 1,2-Dibromoethane	8.85	107	62	135.316 ug/l #	1
67) Ethyl Benzene	9.85	91	61	25.288 ug/l #	44
68) m/p-Xylenes	10.29	106	63	69.335 ug/l #	1
69) o-Xylene	10.71	106	68	68.537 ug/l #	27
70) Styrene	10.86	104	63	43.829 ug/l #	33

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

Quantitation Report (Not Reviewed)

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Acq On : 7 Nov 2018 20:16
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Sample : J5827-31RE
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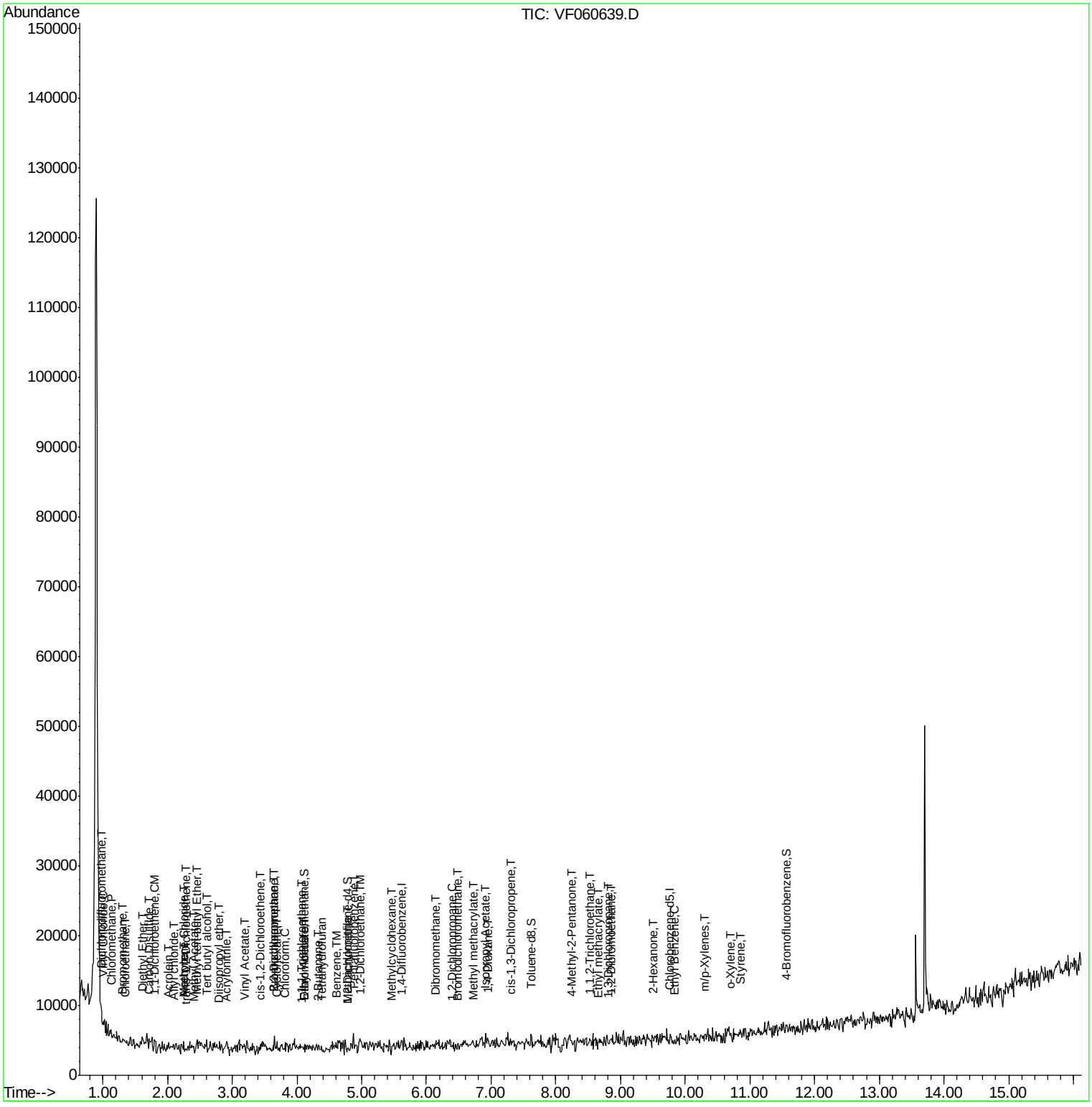
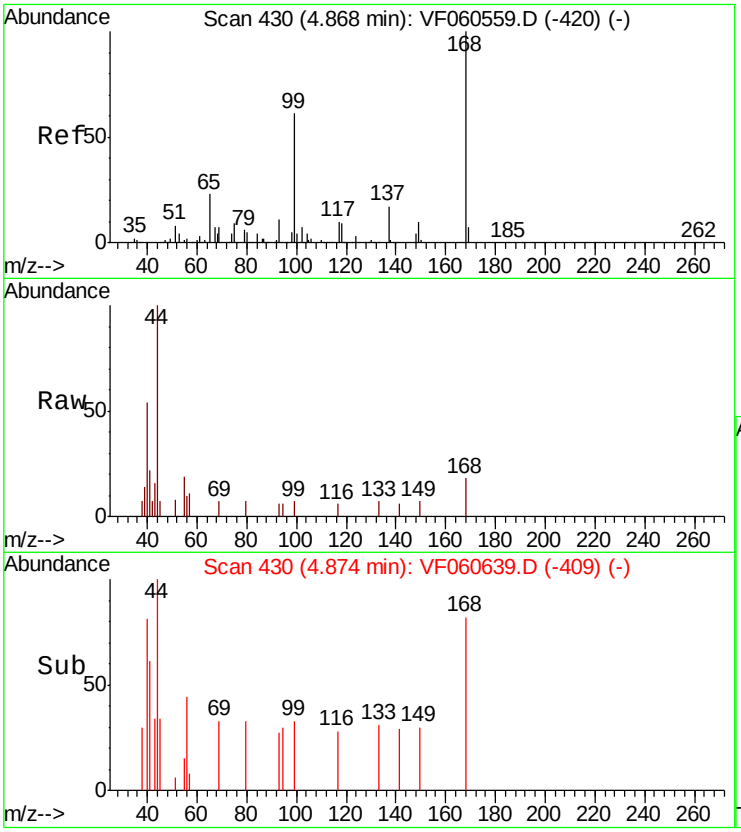
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SP-DRE

Quant Time: Nov 08 08:09:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration



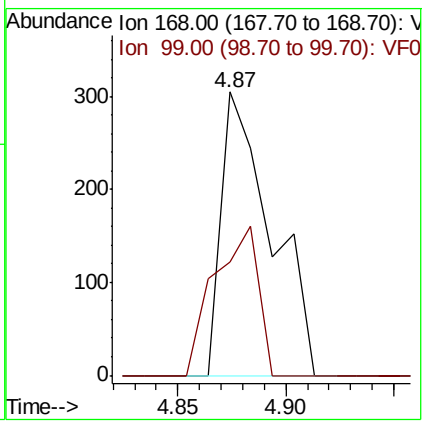


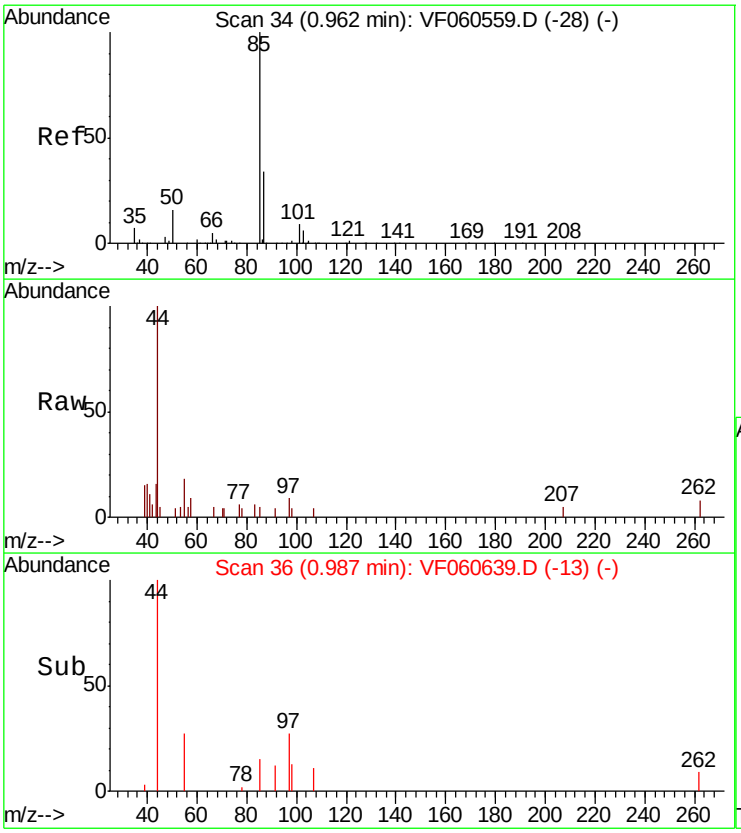
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.01 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument :
MSVOA_F
ClientSampleId :
SP-DRE

Tgt Ion:168 Resp: 491

Ion	Ratio	Lower	Upper
168	100		
99	40.0	48.6	72.8#

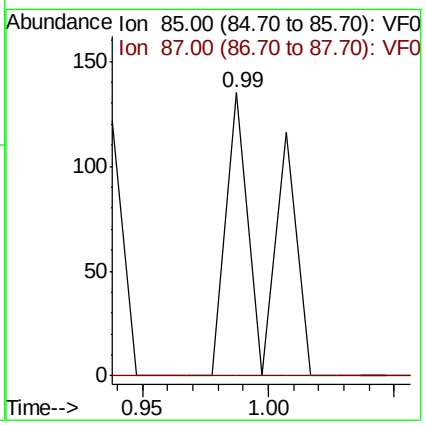


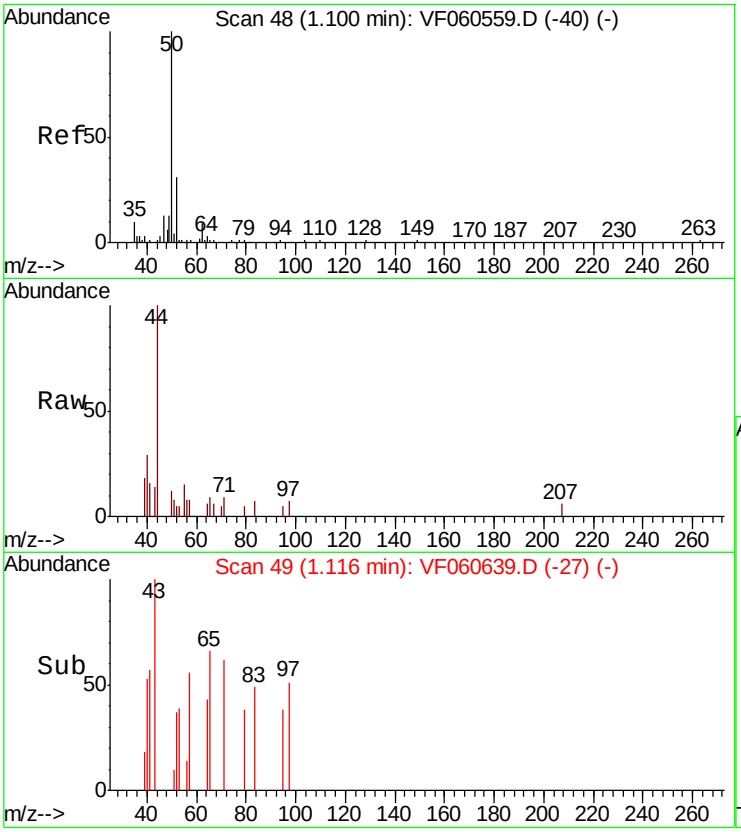


#2
Dichlorodifluoromethane
Concen: 27.218 ug/l
RT: 0.99 min Scan# 36
Delta R.T. 0.03 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 85 Resp: 149

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



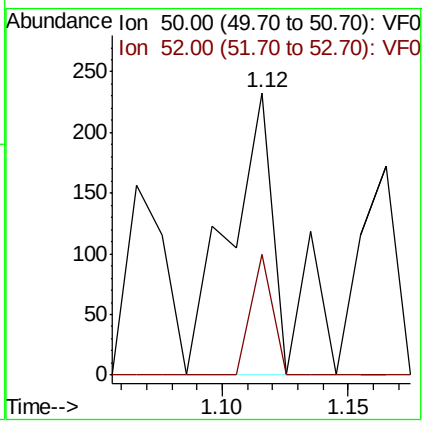


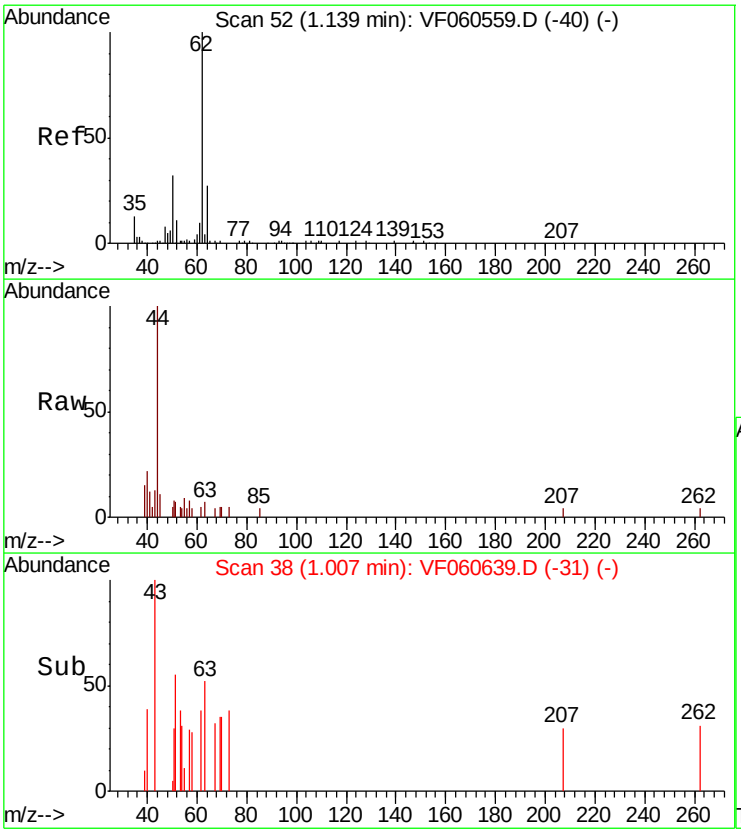
#3
Chloromethane
Concen: 79.819 ug/l
RT: 1.12 min Scan# 49
Delta R.T. 0.02 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Tgt Ion: 50 Resp: 343

Ion	Ratio	Lower	Upper
50	100		
52	42.9	24.0	36.0#

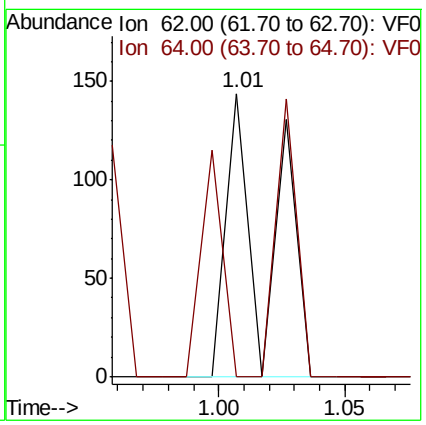


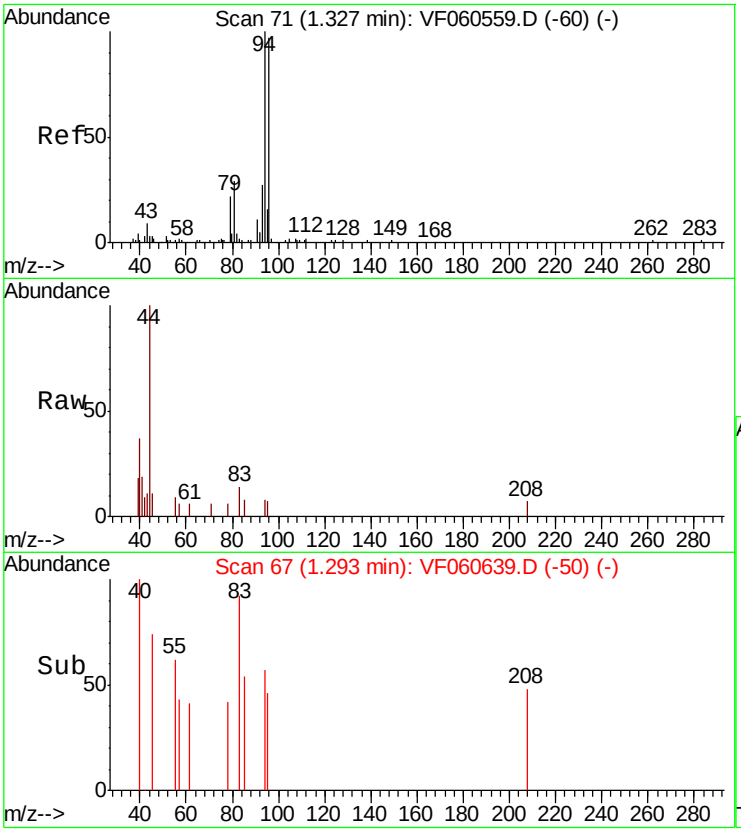


#4
Vinyl Chloride
Concen: 41.164 ug/l
RT: 1.01 min Scan# 38
Delta R.T. -0.13 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 62 Resp: 163

Ion	Ratio	Lower	Upper
62	100		
64	0.0	21.8	32.6#



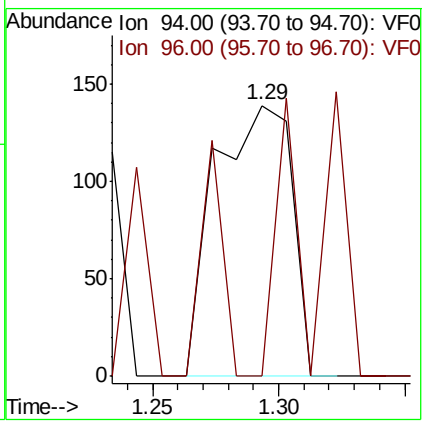


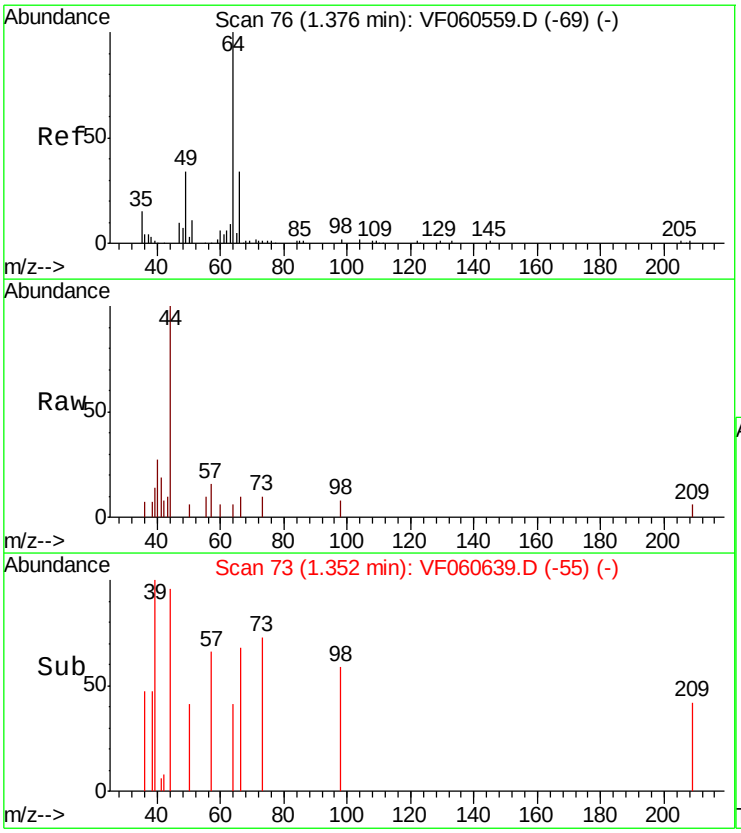
#5
Bromomethane
Concen: 132.723 ug/l
RT: 1.29 min Scan# 67
Delta R.T. -0.03 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument :
MSVOA_F
ClientSampleId :
SP-DRE

Tgt Ion: 94 Resp: 295

Ion	Ratio	Lower	Upper
94	100		
96	0.0	77.9	116.9#

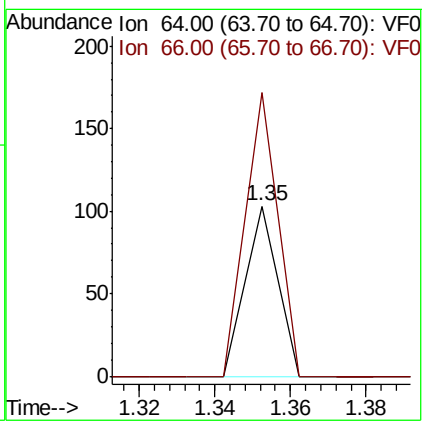


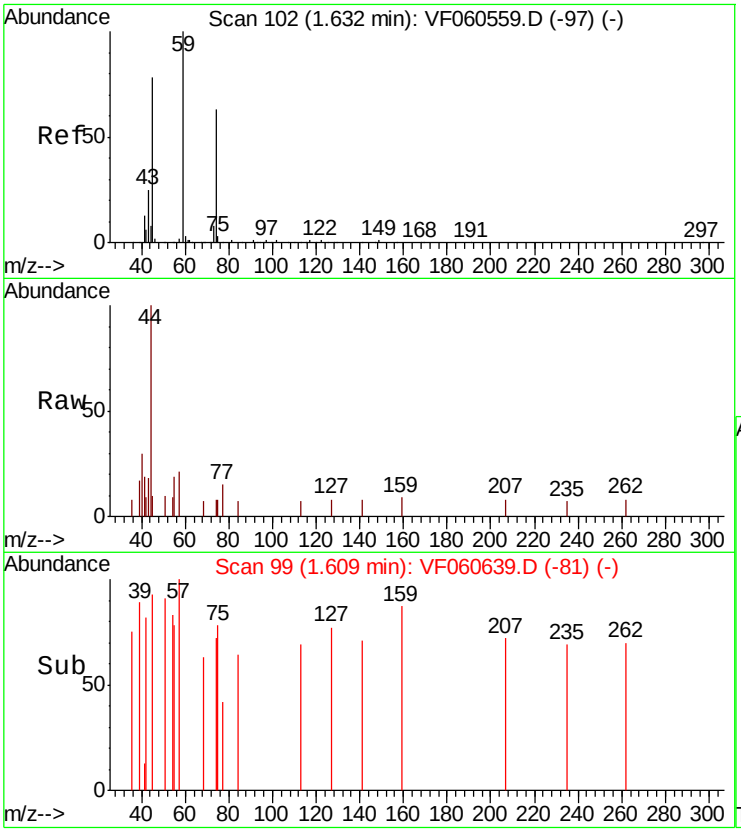


#6
Chloroethane
Concen: 41.977 ug/l
RT: 1.35 min Scan# 73
Delta R.T. -0.02 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 64 Resp: 61

Ion	Ratio	Lower	Upper
64	100		
66	167.0	27.8	41.8#



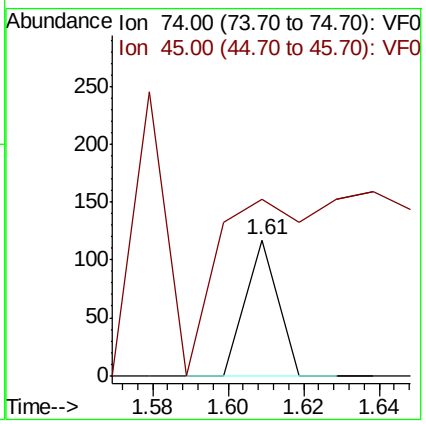


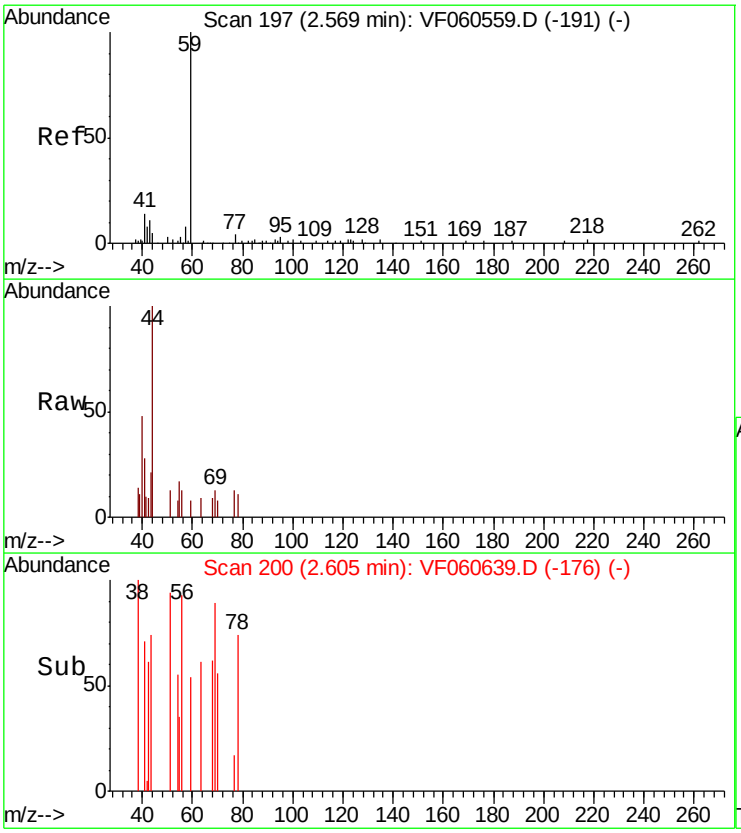
#8
Diethyl Ether
Concen: 50.233 ug/l
RT: 1.61 min Scan# 99
Delta R.T. -0.02 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Tgt Ion: 74 Resp: 69

Ion	Ratio	Lower	Upper
74	100		
45	129.9	63.8	191.5

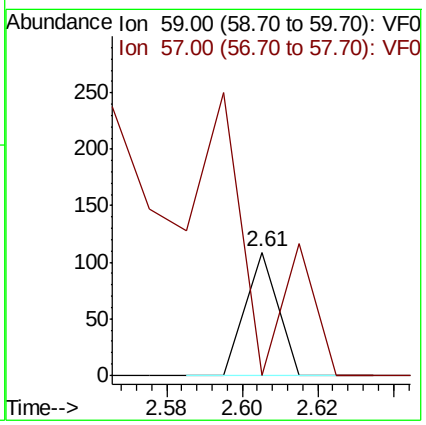


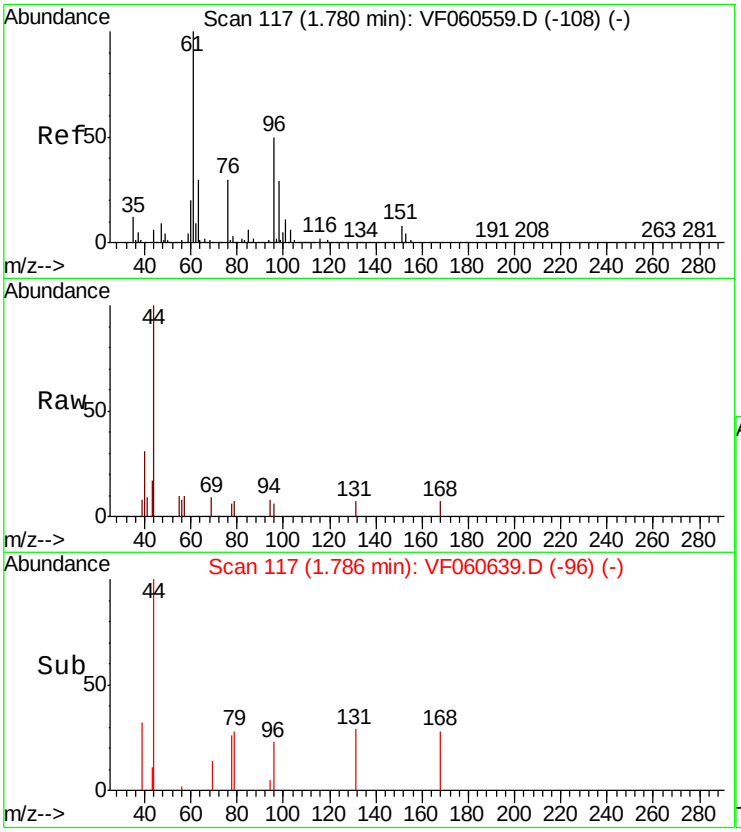


#11
Tert butyl alcohol
Concen: 250.191 ug/l
RT: 2.61 min Scan# 200
Delta R.T. 0.04 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 59 Resp: 65

Ion	Ratio	Lower	Upper
59	100		
57	0.0	19.0	28.4#



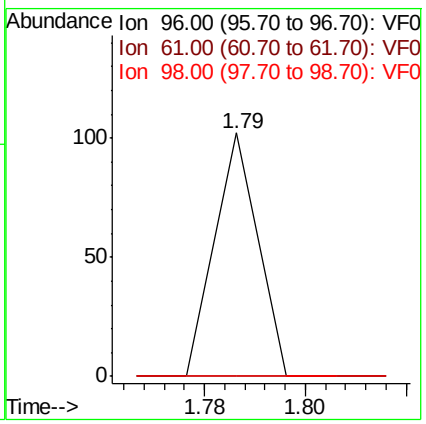


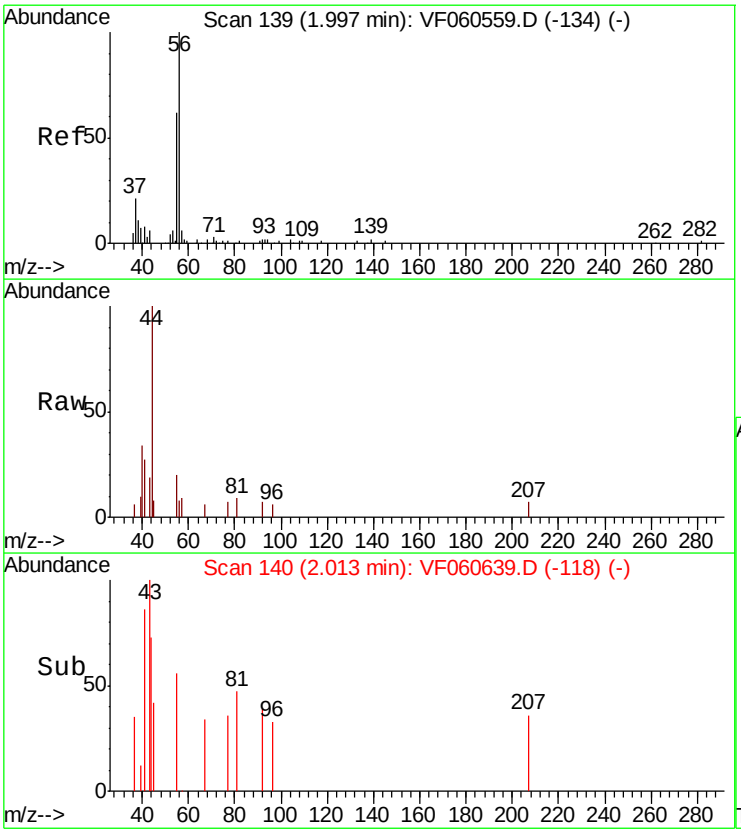
#12
1,1-Dichloroethene
Concen: 16.821 ug/l
RT: 1.79 min Scan# 117
Delta R.T. 0.01 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument :
MSVOA_F
ClientSampleId :
SP-DRE

Tgt Ion: 96 Resp: 60

Ion	Ratio	Lower	Upper
96	100		
61	0.0	158.1	237.1#
98	0.0	47.0	70.6#

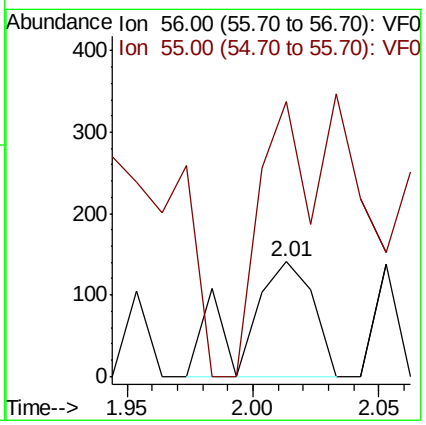


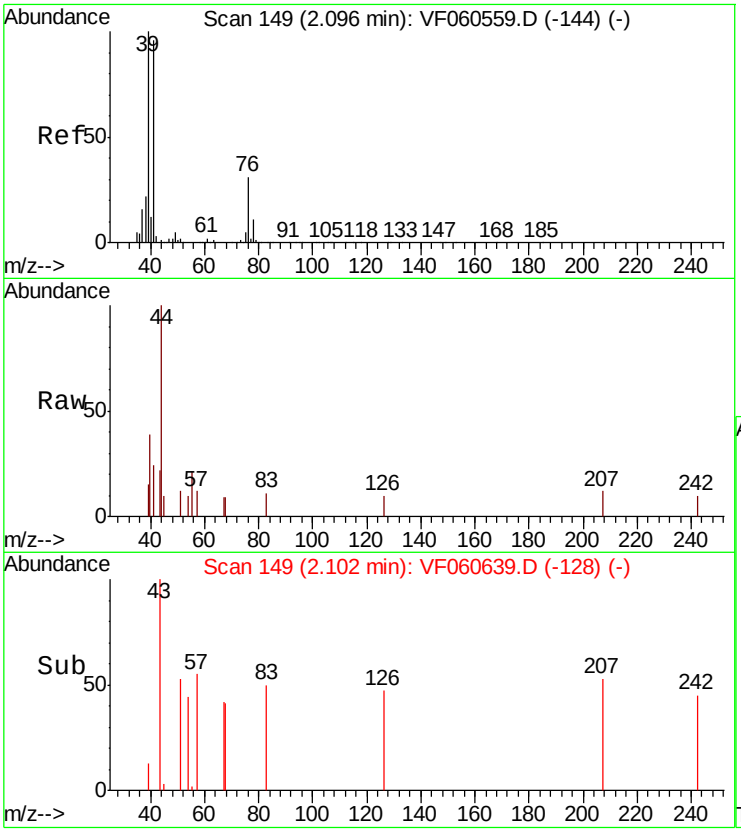


#13
Acrolein
Concen: 1893.184 ug/l
RT: 2.01 min Scan# 140
Delta R.T. 0.02 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 56 Resp: 272

Ion	Ratio	Lower	Upper
56	100		
55	239.7	61.8	92.6#



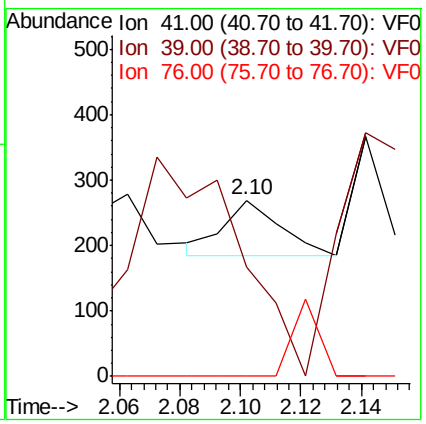


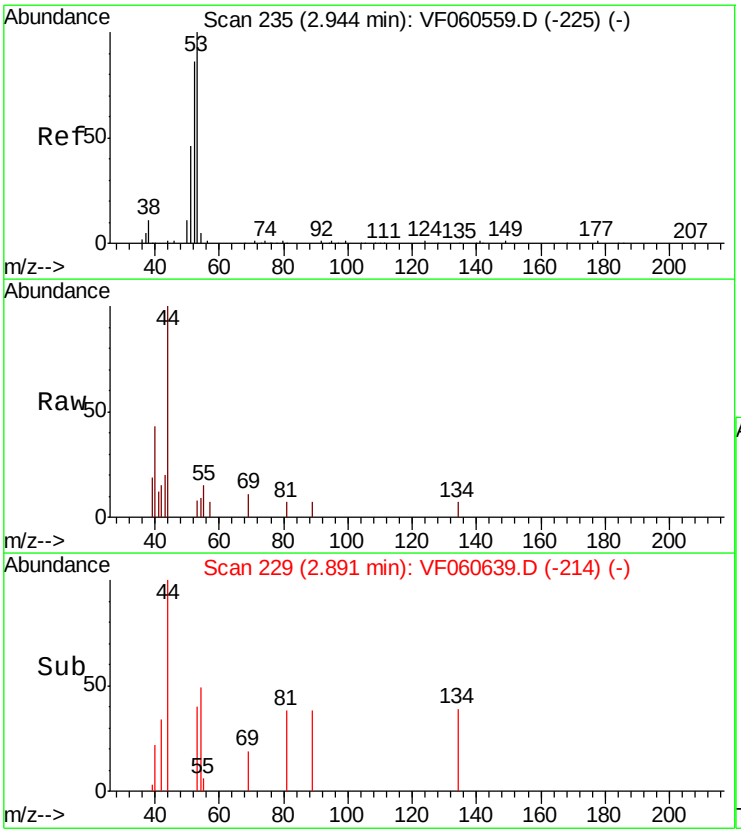
#14
Allvl chloride
Concen: 19.058 ug/l
RT: 2.10 min Scan# 149
Delta R.T. 0.01 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Tgt Ion: 41 Resp: 111

Ion	Ratio	Lower	Upper
41	100		
39	62.5	82.6	124.0#
76	0.0	26.7	40.1#

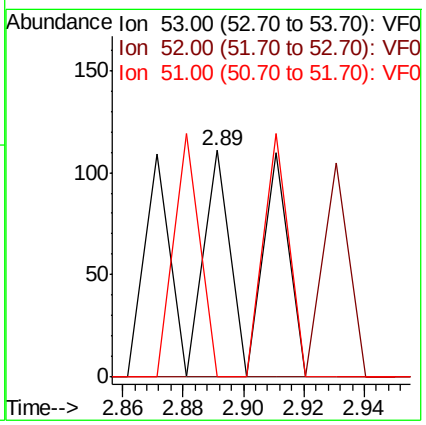


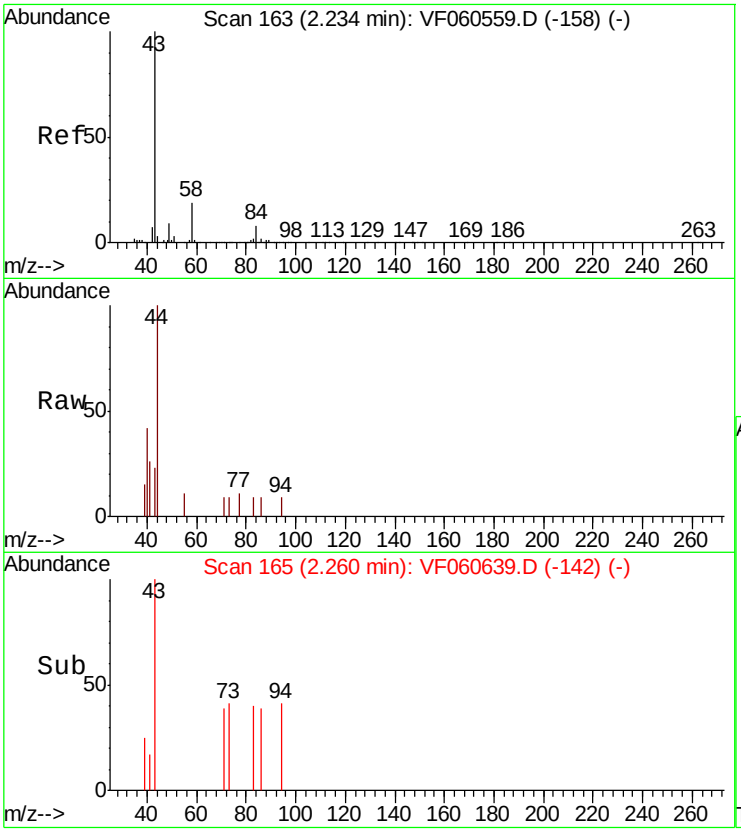


#15
Acrylonitrile
Concen: 221.569 ug/l
RT: 2.89 min Scan# 229
Delta R.T. -0.05 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 53 Resp: 131

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.5	102.7#
51	0.0	38.2	57.2#



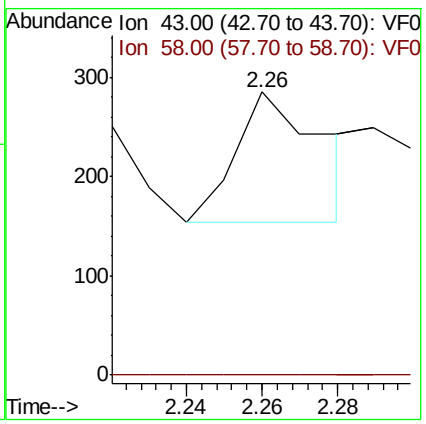


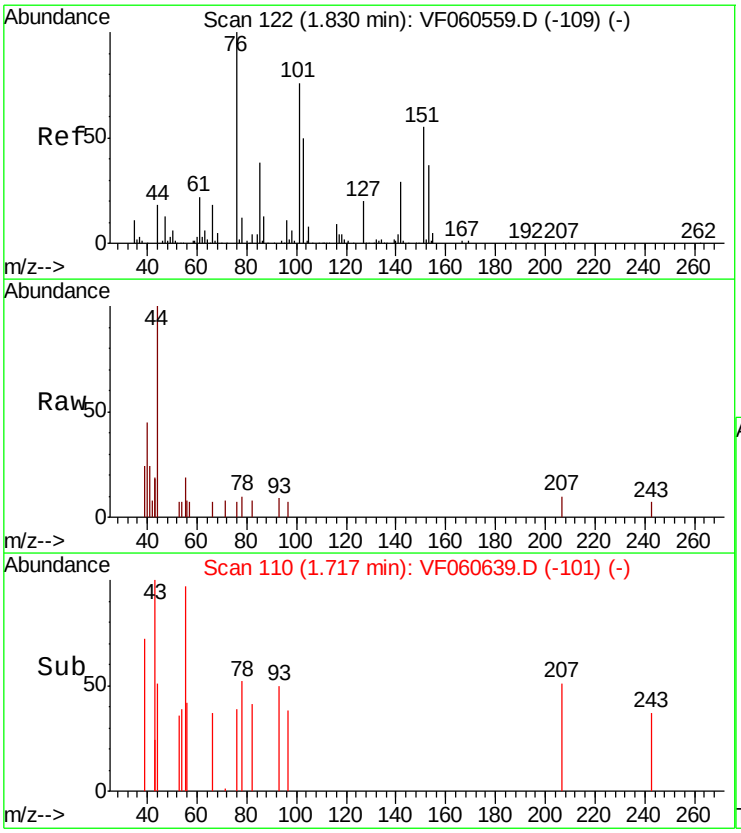
#16
Acetone
Concen: 177.932 ug/l
RT: 2.26 min Scan# 165
Delta R.T. 0.03 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Tgt Ion: 43 Resp: 208

Ion	Ratio	Lower	Upper
43	100		
58	0.0	14.6	22.0#

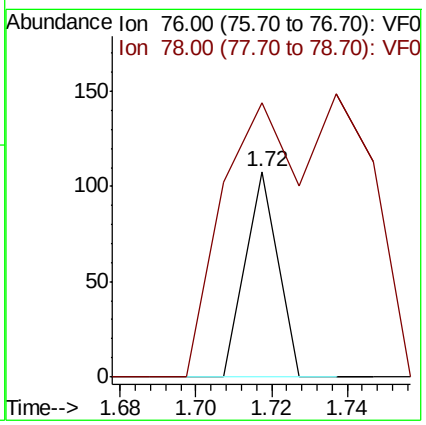


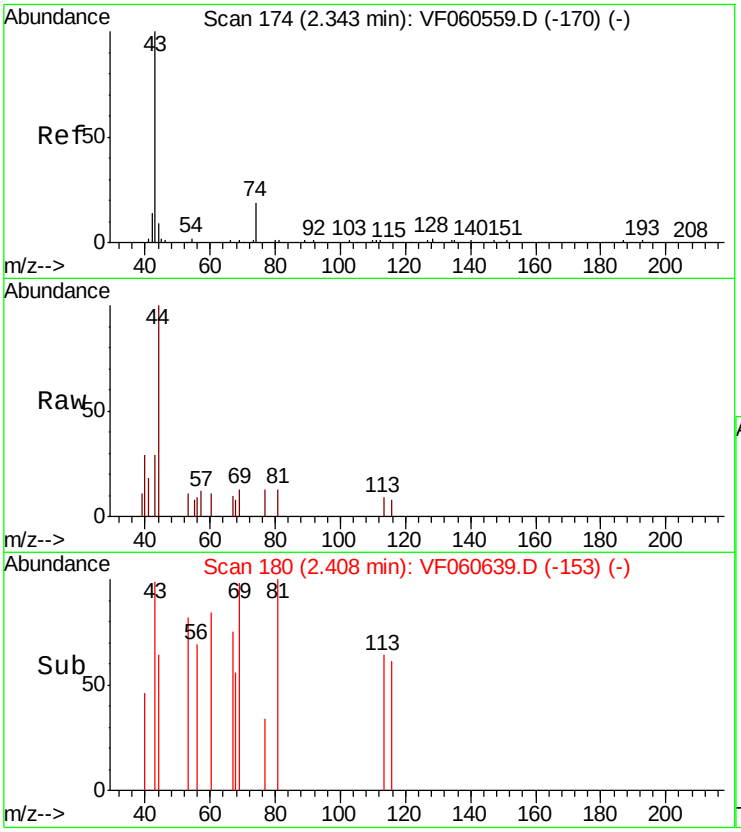


#17
Carbon Disulfide
Concen: 6.370 ug/l
RT: 1.72 min Scan# 110
Delta R.T. -0.11 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 76 Resp: 64

Ion	Ratio	Lower	Upper
76	100		
78	133.3	9.9	14.9#



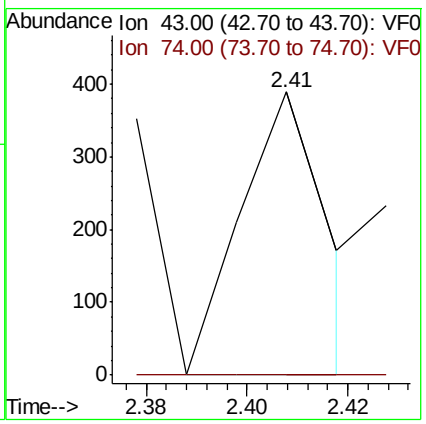


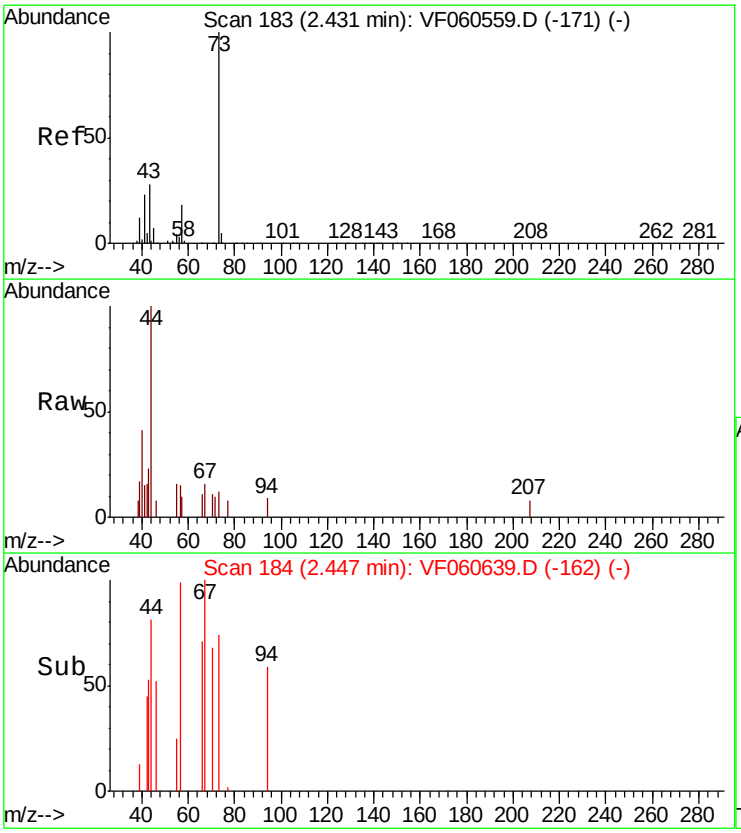
#18
Methyl Acetate
Concen: 249.199 ug/l
RT: 2.41 min Scan# 180
Delta R.T. 0.07 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Tgt Ion: 43 Resp: 456

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#

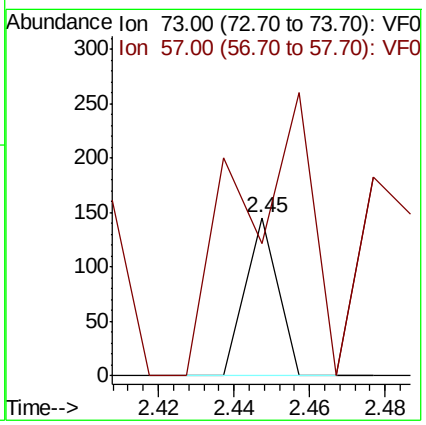


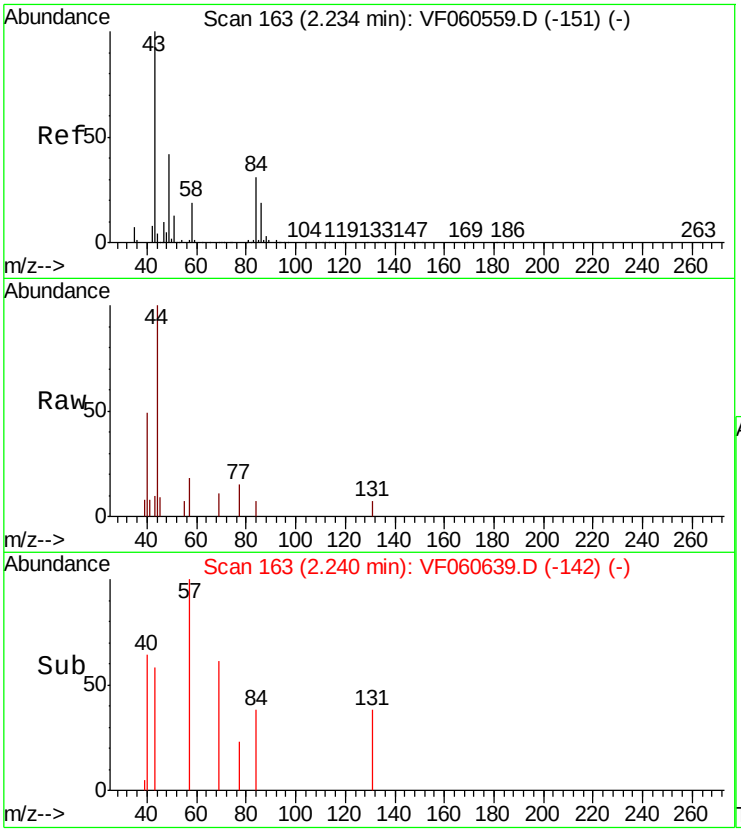


#19
Methyl tert-butyl Ether
Concen: 10.314 ug/l
RT: 2.45 min Scan# 184
Delta R.T. 0.02 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 73 Resp: 86

Ion	Ratio	Lower	Upper
73	100		
57	83.4	15.4	23.0#



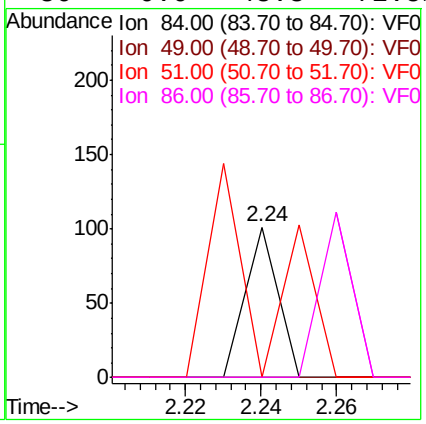


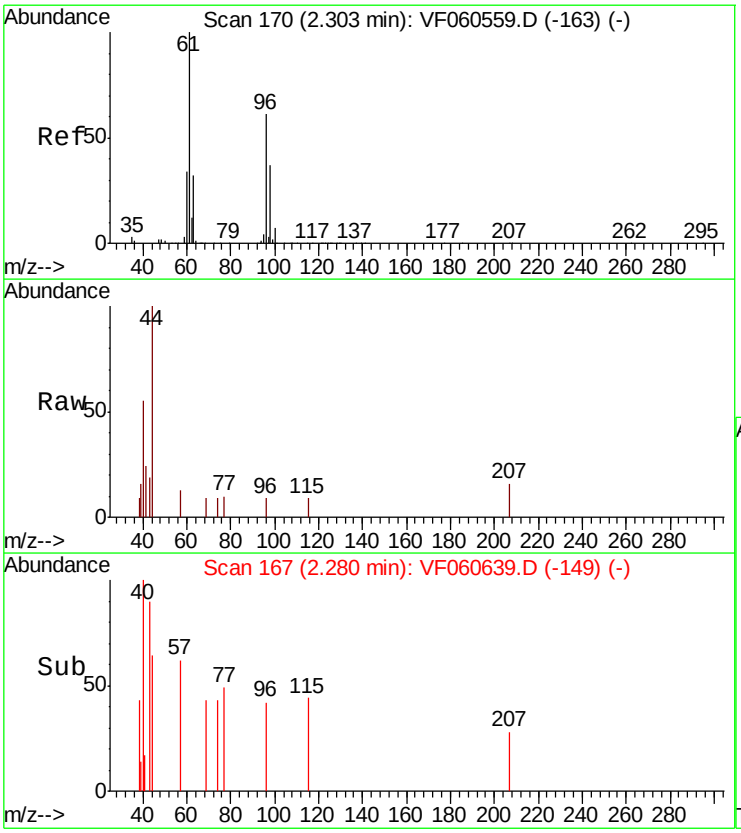
#20
Methylene Chloride
Concen: 13.300 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Tgt Ion: 84 Resp: 60

Ion	Ratio	Lower	Upper
84	100		
49	0.0	109.9	164.9#
51	0.0	35.8	53.8#
86	0.0	48.3	72.5#

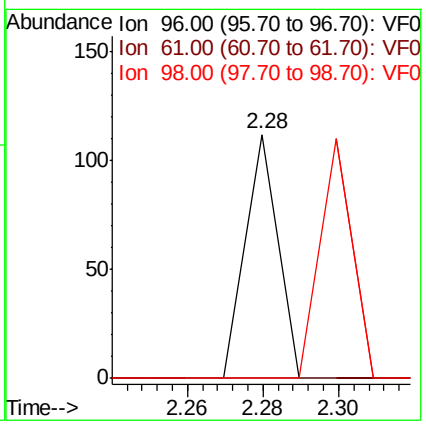


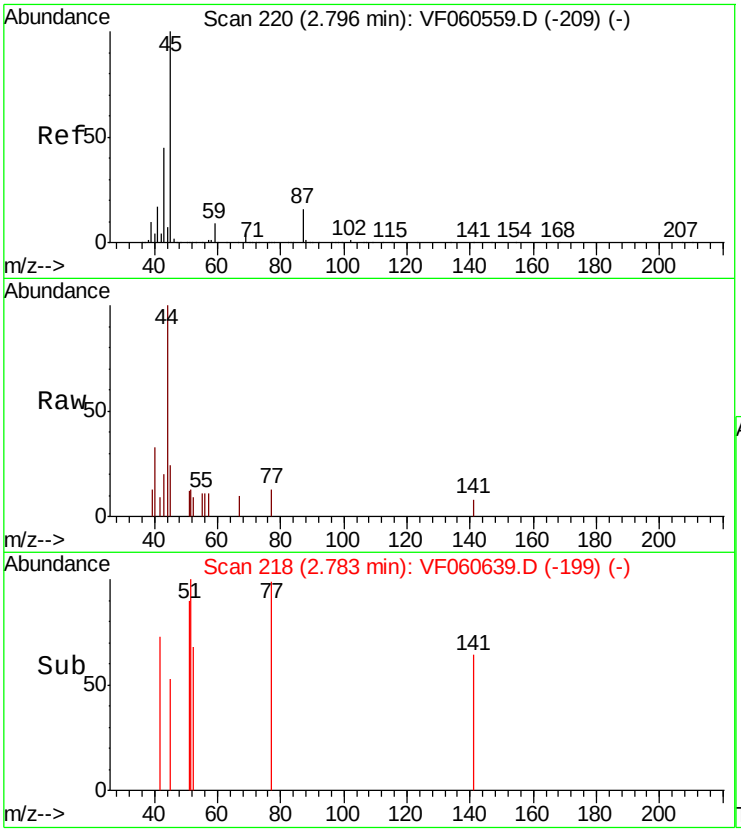


#21
trans-1,2-Dichloroethene
Concen: 17.637 ug/l
RT: 2.28 min Scan# 167
Delta R.T. -0.02 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 96 Resp: 66

Ion	Ratio	Lower	Upper
96	100		
61	0.0	131.3	196.9#
98	0.0	48.6	73.0#



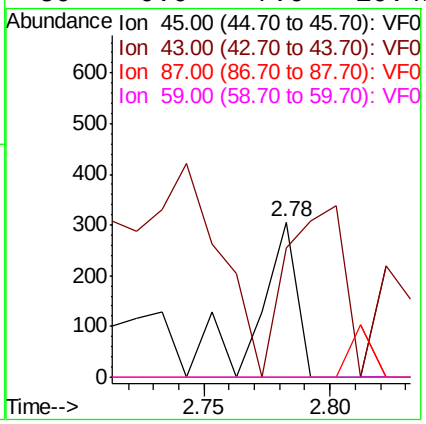


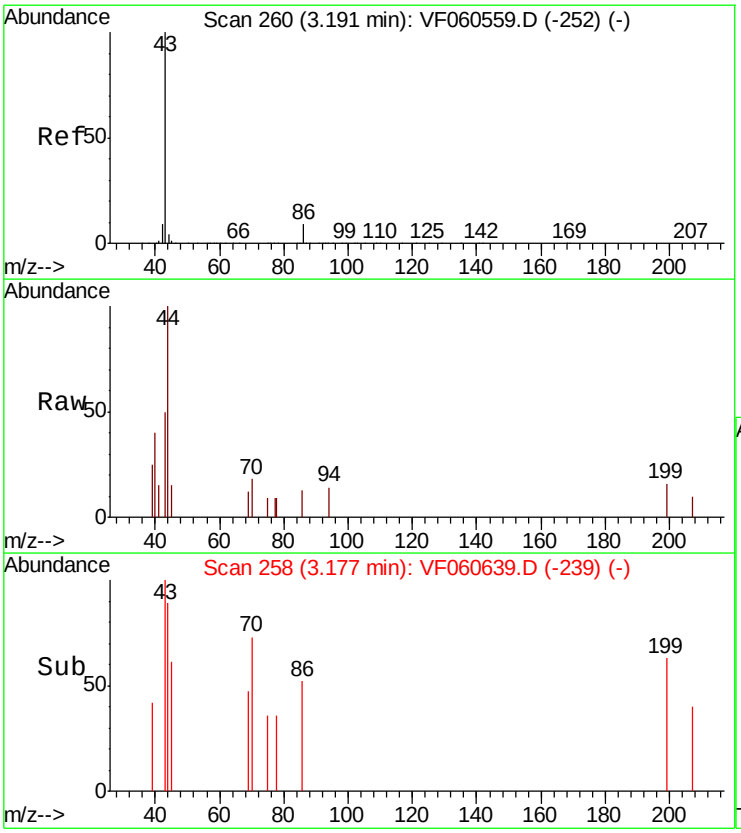
#22
Diisopropyl ether
Concen: 26.985 ug/l
RT: 2.78 min Scan# 218
Delta R.T. -0.01 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument :
MSVOA_F
ClientSampleId :
SP-DRE

Tgt Ion: 45 Resp: 333

Ion	Ratio	Lower	Upper
45	100		
43	83.3	38.1	57.1#
87	0.0	12.7	19.1#
59	0.0	7.0	10.4#

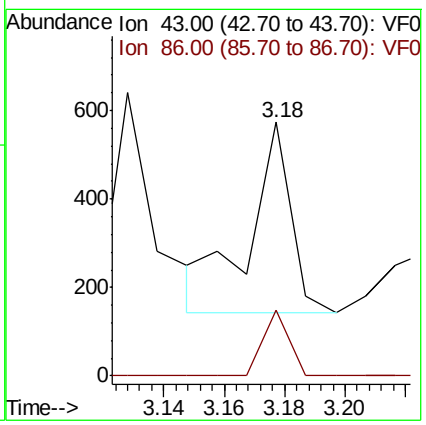


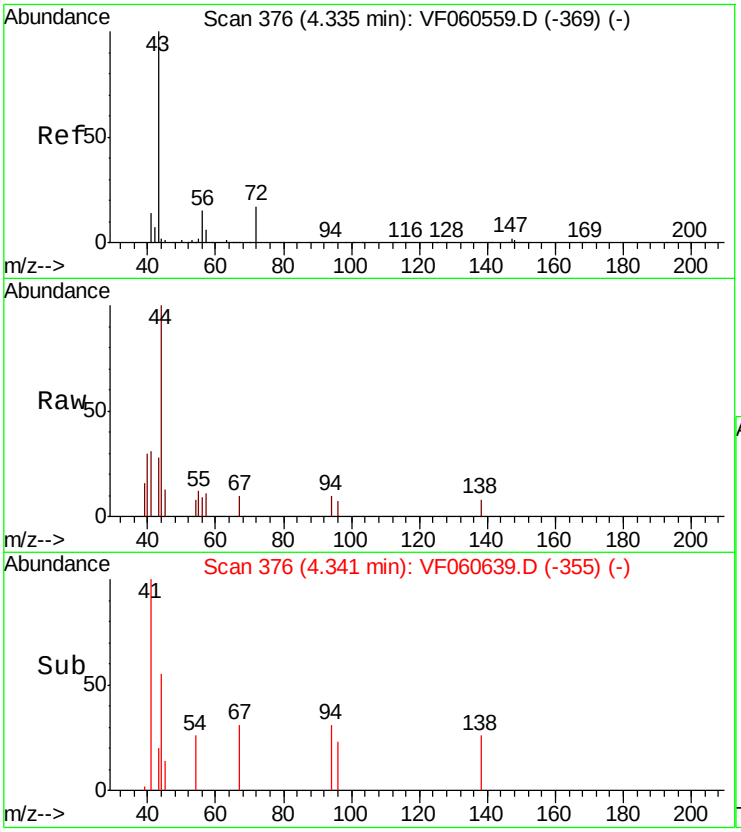


#23
Vinyl Acetate
Concen: 55.299 ug/l
RT: 3.18 min Scan# 258
Delta R.T. -0.01 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 43 Resp: 410

Ion	Ratio	Lower	Upper
43	100		
86	25.8	7.1	10.7#



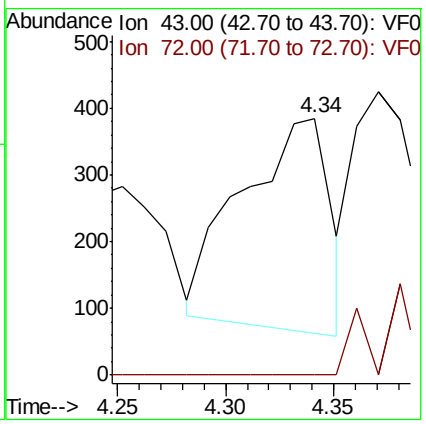


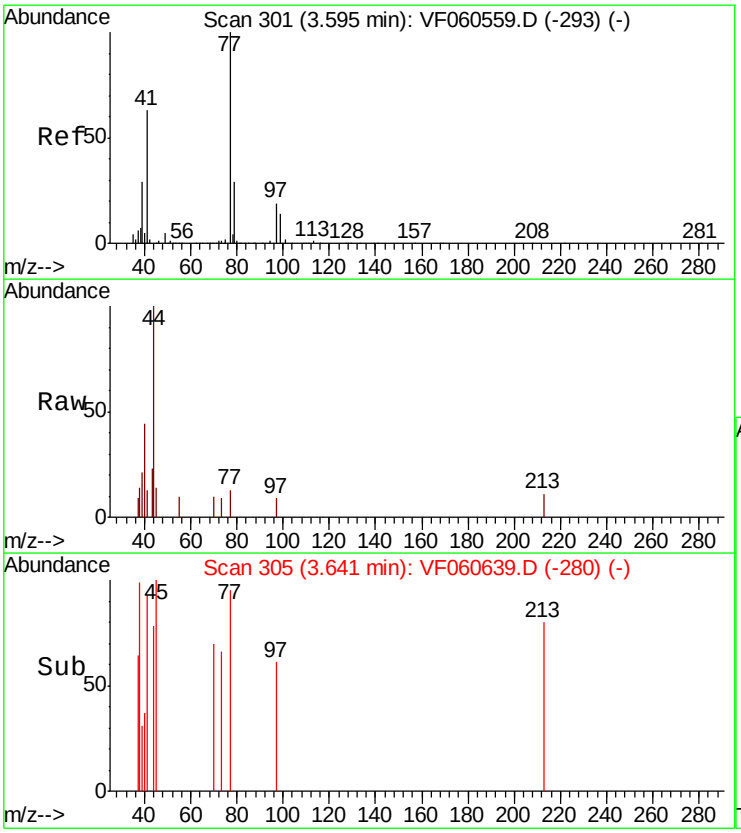
#25
2-Butanone
Concen: 431.740 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.01 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument :
MSVOA_F
ClientSampleId :
SP-DRE

Tgt Ion: 43 Resp: 898

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.2#

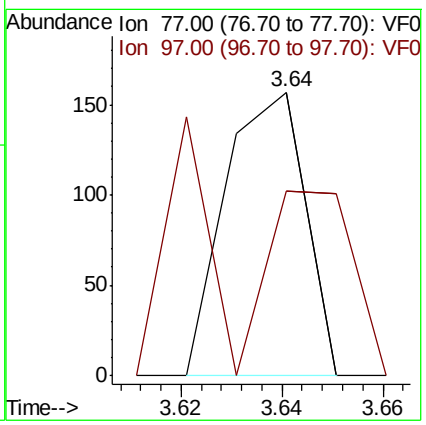


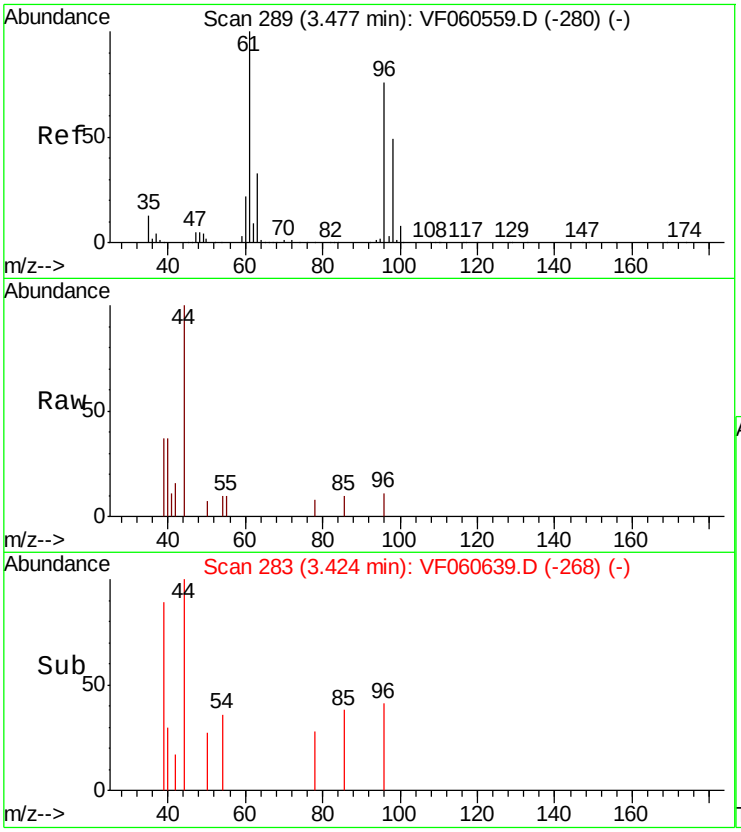


#26
2,2-Dichloropropane
Concen: 32.187 ug/l
RT: 3.64 min Scan# 305
Delta R.T. 0.05 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 77 Resp: 172

Ion	Ratio	Lower	Upper
77	100		
97	65.0	9.8	29.3#



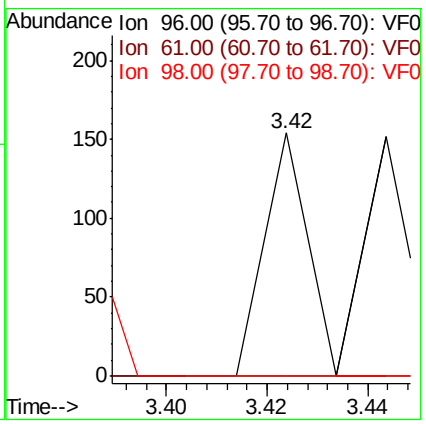


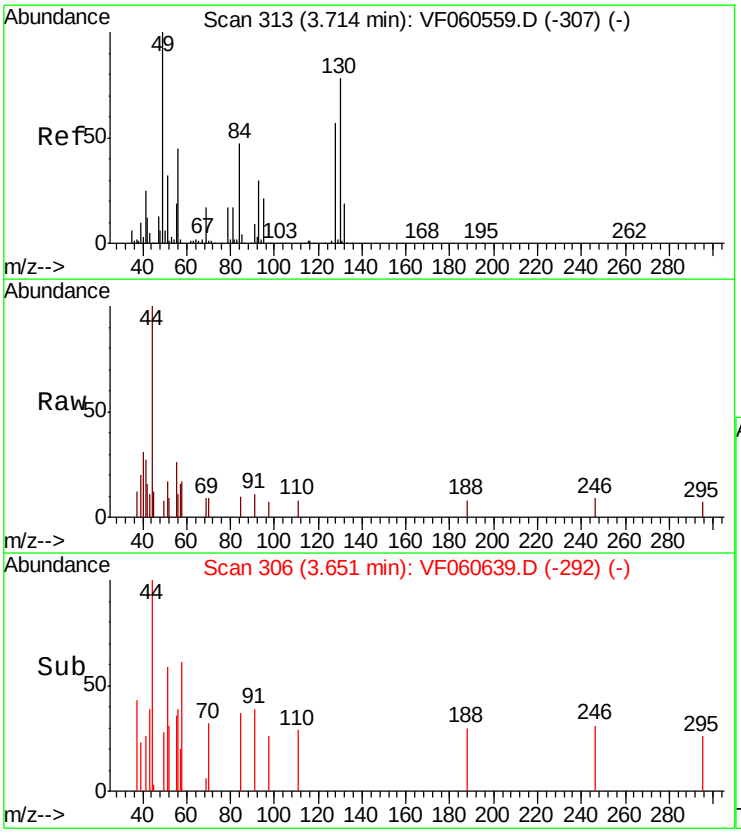
#27
cis-1,2-Dichloroethene
Concen: 12.738 ug/l
RT: 3.42 min Scan# 283
Delta R.T. -0.05 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument :
MSVOA_F
ClientSampleId :
SP-DRE

Tgt Ion: 96 Resp: 91

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	263.0
98	0.0	0.0	130.6

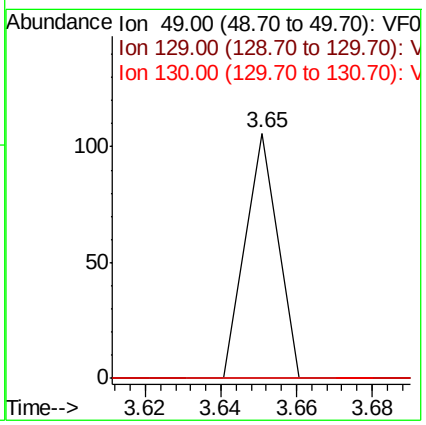


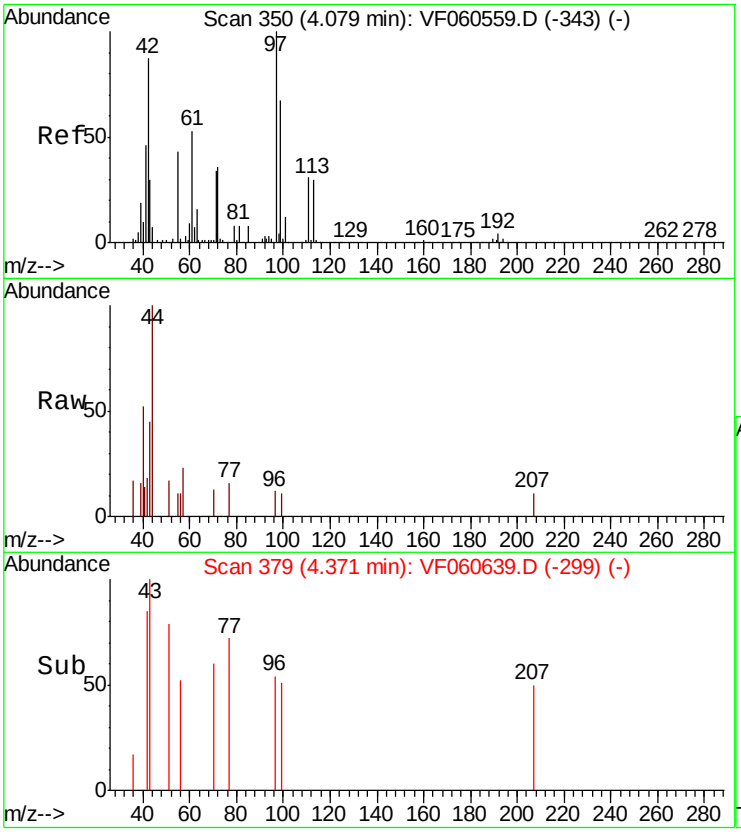


#28
Bromochloromethane
Concen: 14.057 ug/l
RT: 3.65 min Scan# 306
Delta R.T. -0.06 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 49 Resp: 63

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	61.8	92.8#



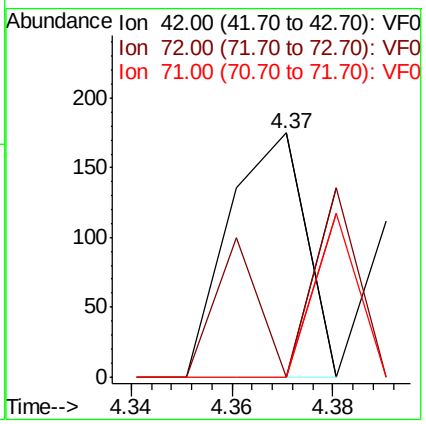


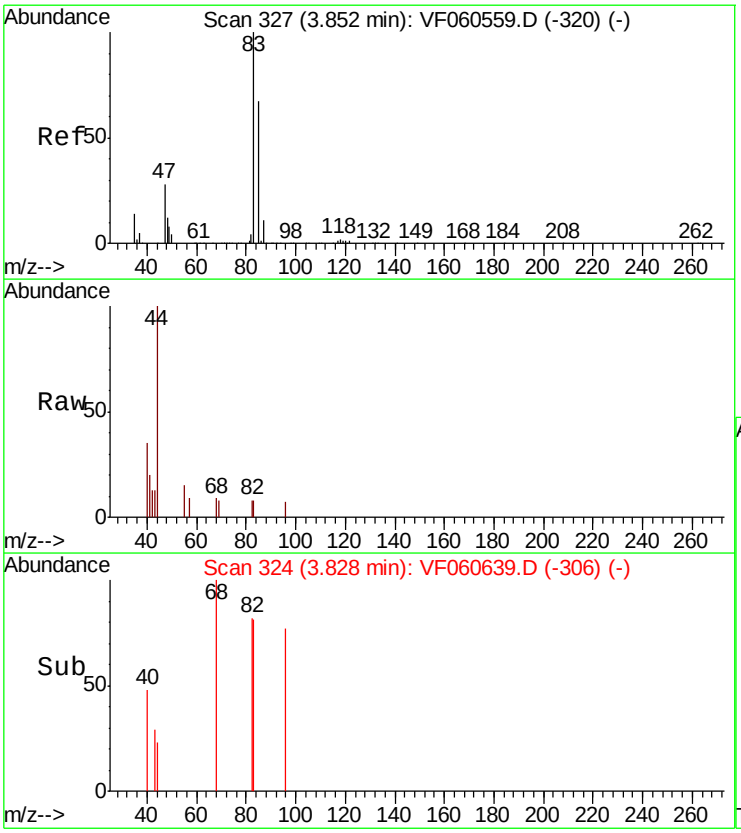
#29
Tetrahydrofuran
Concen: 211.009 ug/l
RT: 4.37 min Scan# 379
Delta R.T. 0.29 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument :
MSVOA_F
ClientSampleId :
SP-DRE

Tgt Ion: 42 Resp: 184

Ion	Ratio	Lower	Upper
42	100		
72	32.1	31.4	47.0
71	37.5	31.8	47.6

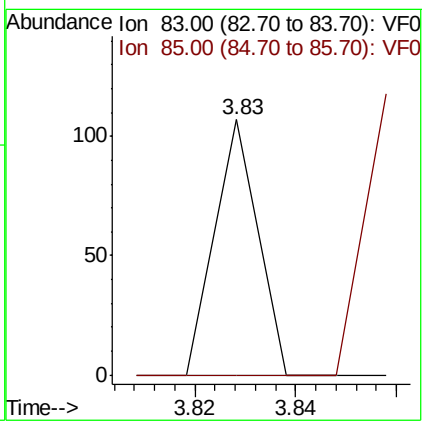


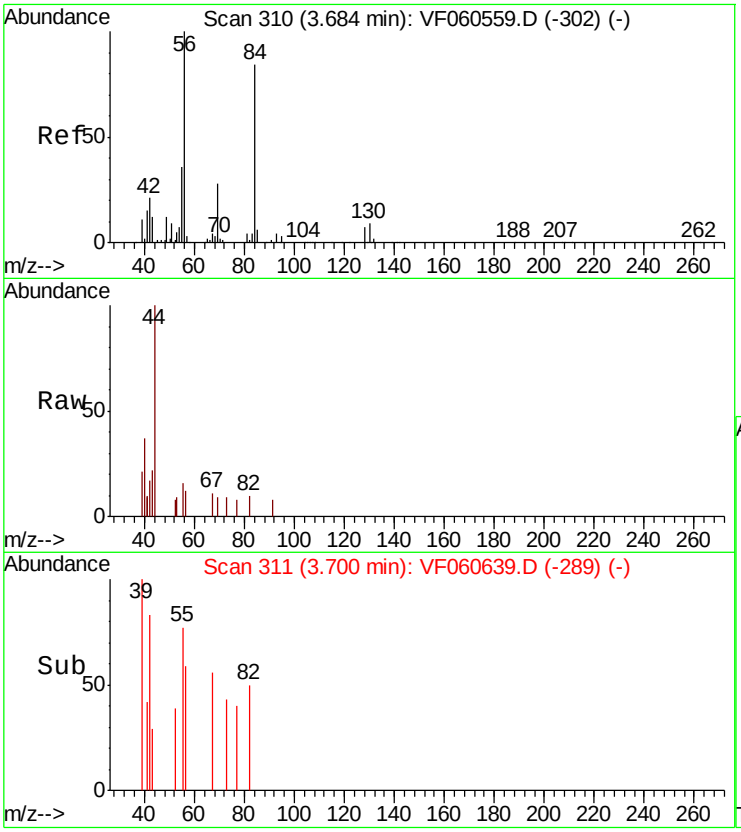


#30
Chloroform
Concen: 5.576 ug/l
RT: 3.83 min Scan# 324
Delta R.T. -0.02 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 83 Resp: 63

Ion	Ratio	Lower	Upper
83	100		
85	0.0	53.7	80.5#



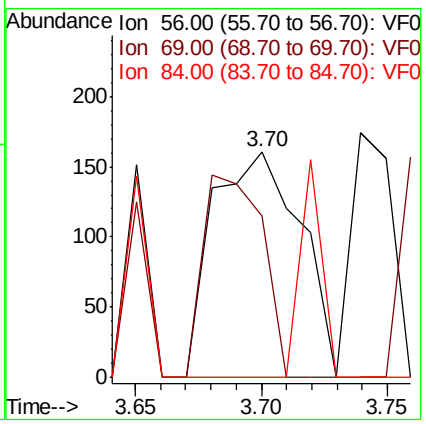


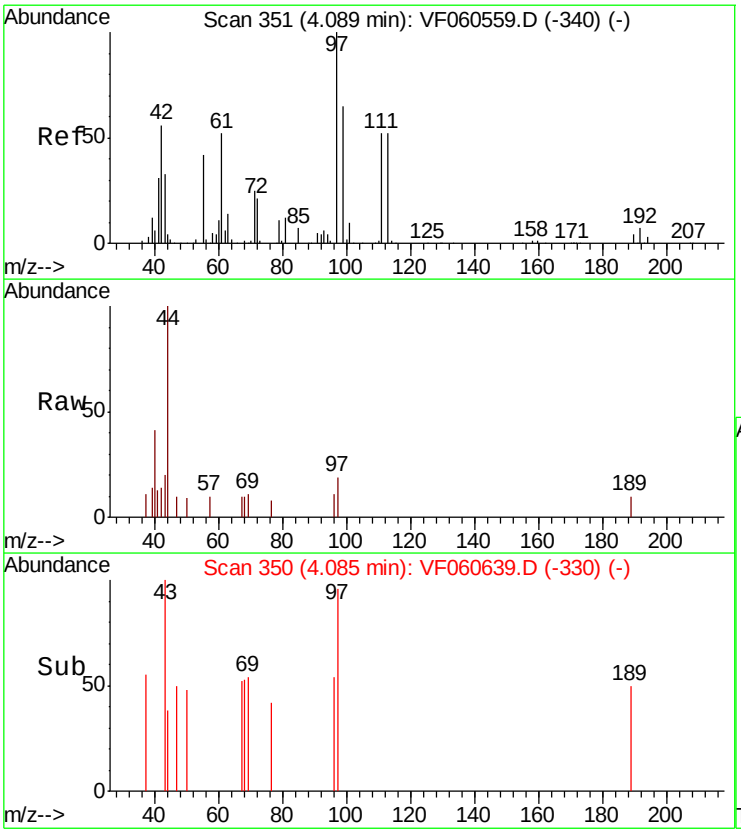
#31
Cyclohexane
Concen: 39.471 ug/l
RT: 3.70 min Scan# 311
Delta R.T. 0.02 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Tgt Ion: 56 Resp: 389

Ion	Ratio	Lower	Upper
56	100		
69	71.4	23.0	34.4#
84	0.0	67.1	100.7#

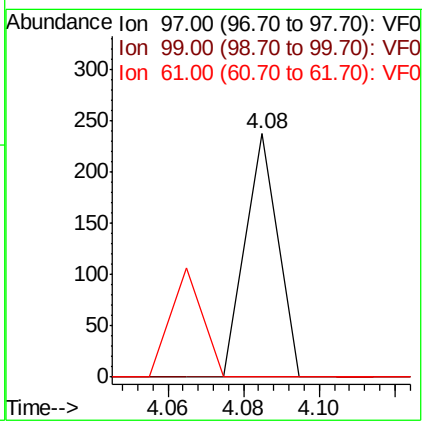


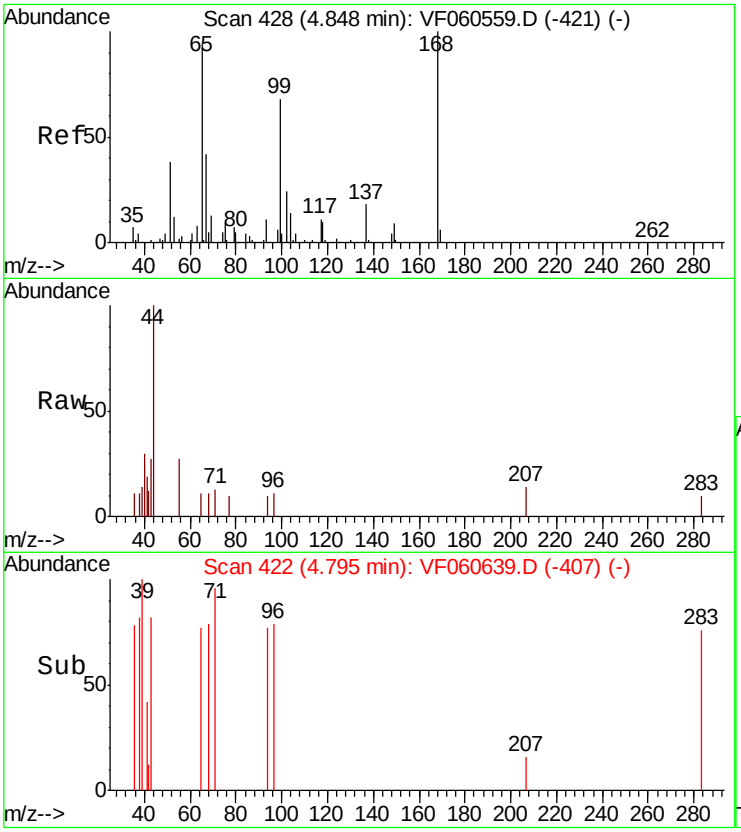


#32
1,1,1-Trichloroethane
Concen: 17.741 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.00 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 97 Resp: 140

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.4	78.6#
61	0.0	41.5	62.3#



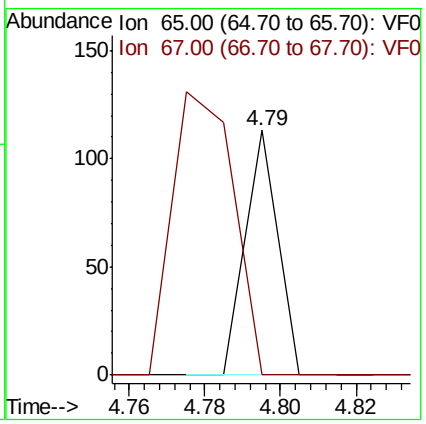


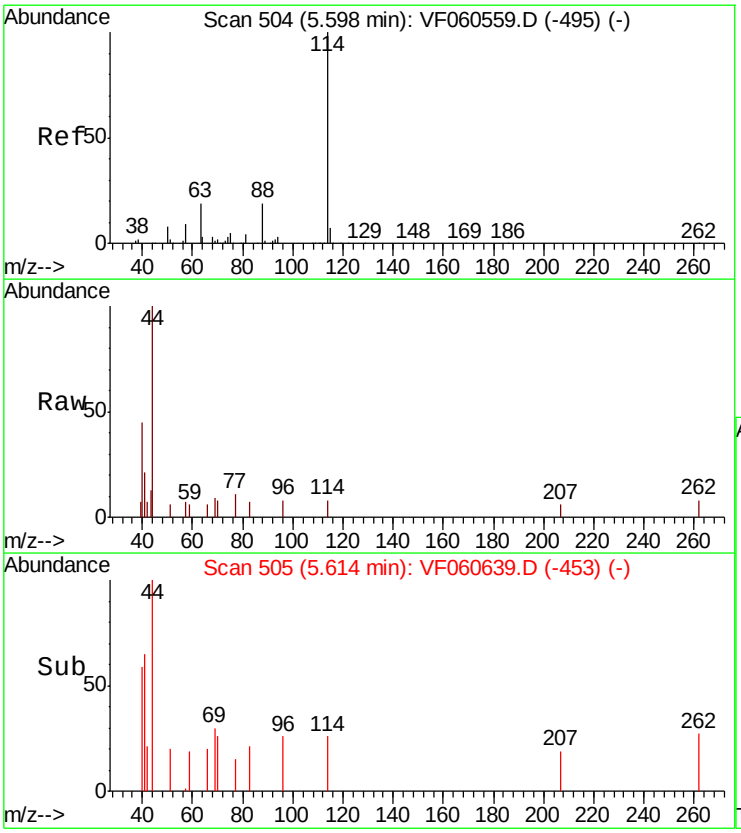
#33
1,2-Dichloroethane-d4
Concen: 13.506 ug/l
RT: 4.79 min Scan# 422
Delta R.T. -0.05 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Tgt Ion: 65 Resp: 67

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	101.8

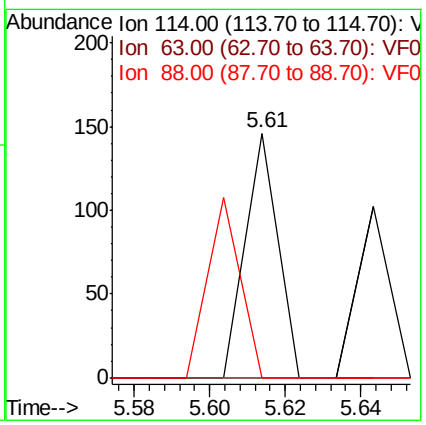


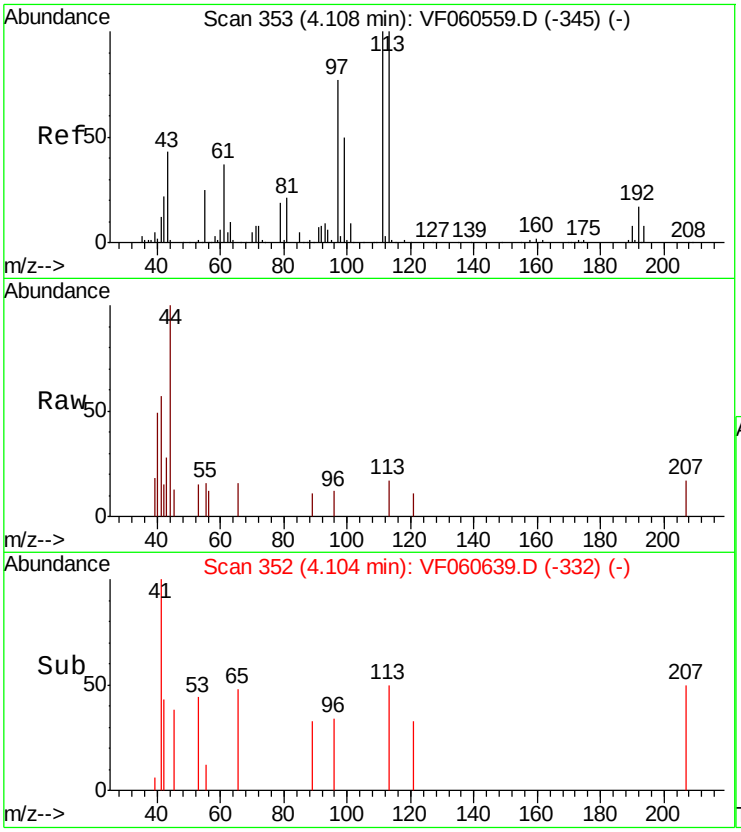


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.02 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion:114 Resp: 86

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	39.0
88	0.0	0.0	38.2



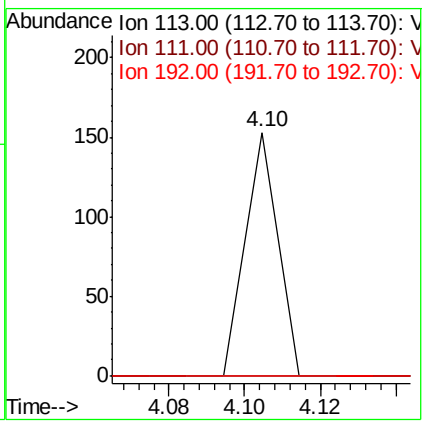


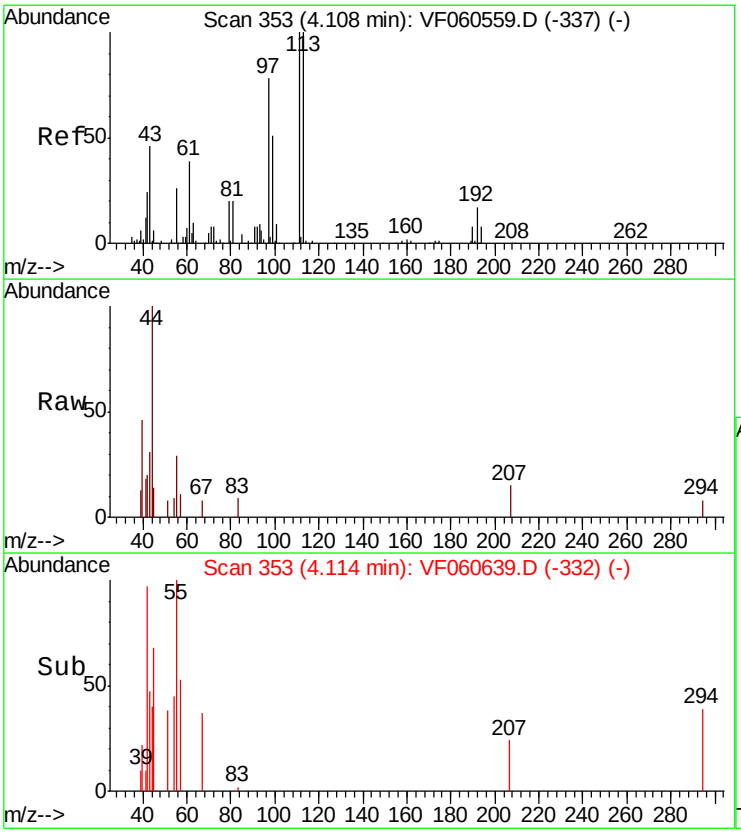
#35
Dibromofluoromethane
Concen: 136.959 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.00 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument :
MSVOA_F
ClientSampleId :
SP-DRE

Tgt Ion:113 Resp: 91

Ion	Ratio	Lower	Upper
113	100		
111	0.0	79.9	119.9#
192	0.0	13.3	19.9#

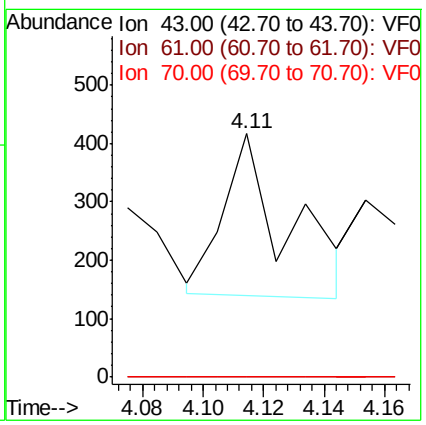


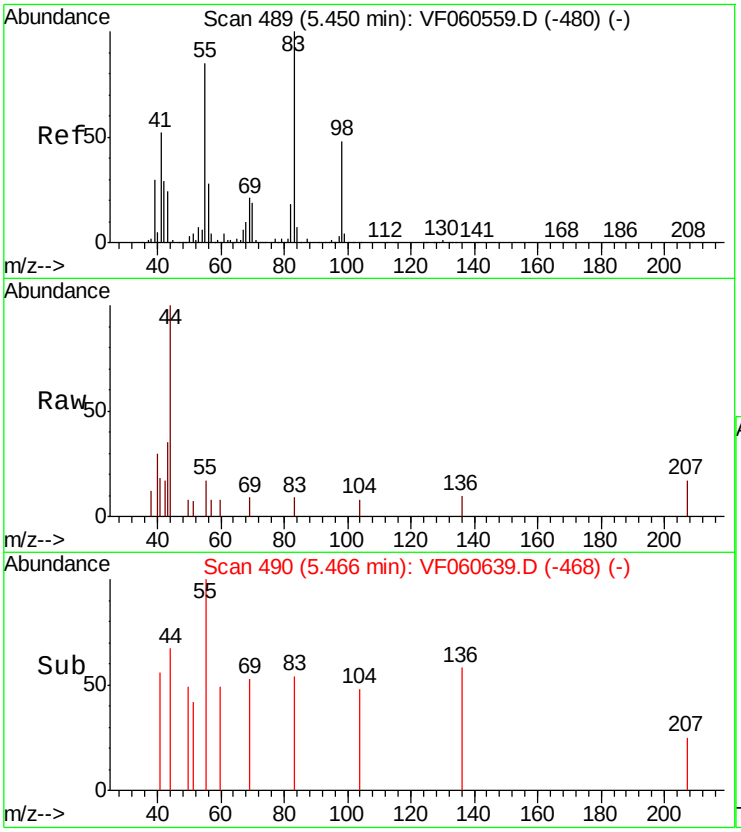


#37
Ethyl Acetate
Concen: 895.381 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 43 Resp: 407

Ion	Ratio	Lower	Upper
43	100		
61	0.0	63.4	95.2#
70	0.0	9.3	13.9#



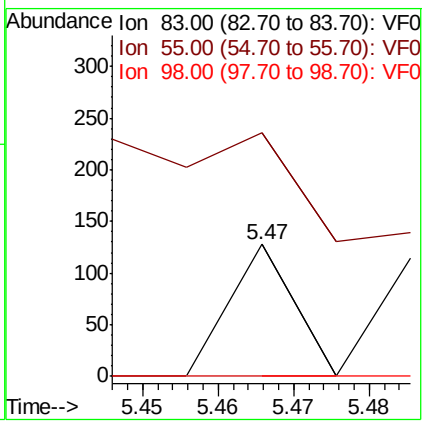


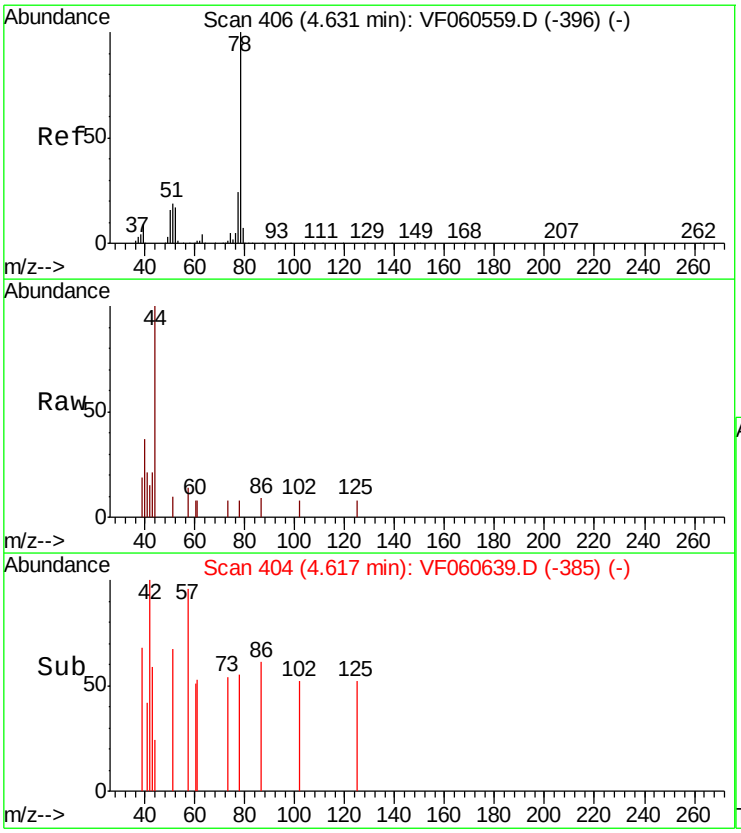
#39
Methylcyclohexane
Concen: 65.769 ug/l
RT: 5.47 min Scan# 490
Delta R.T. 0.02 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Tgt Ion: 83 Resp: 76

Ion	Ratio	Lower	Upper
83	100		
55	184.4	69.1	103.7#
98	0.0	38.6	57.8#

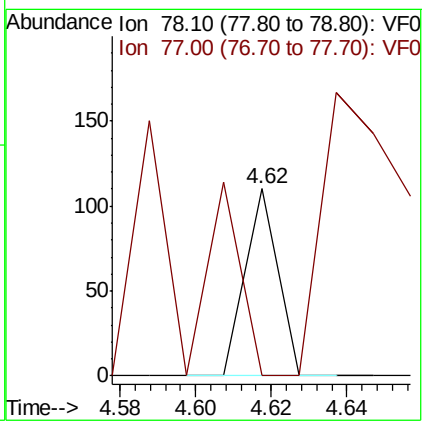


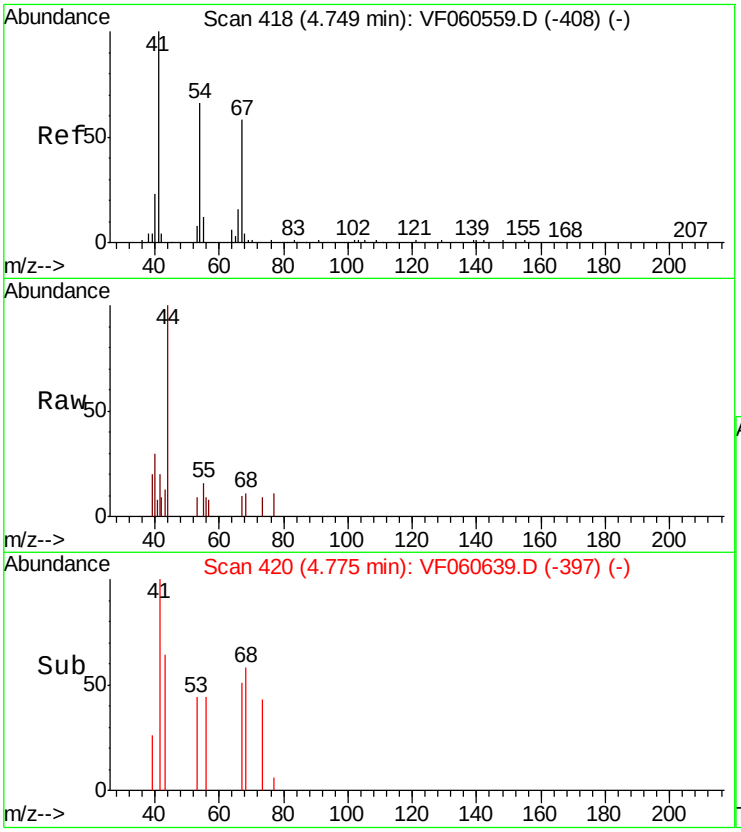


#40
Benzene
Concen: 28.279 ug/l
RT: 4.62 min Scan# 404
Delta R.T. -0.01 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 78 Resp: 65

Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.3	28.9#



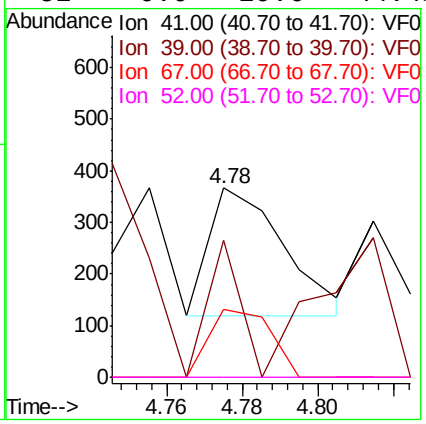


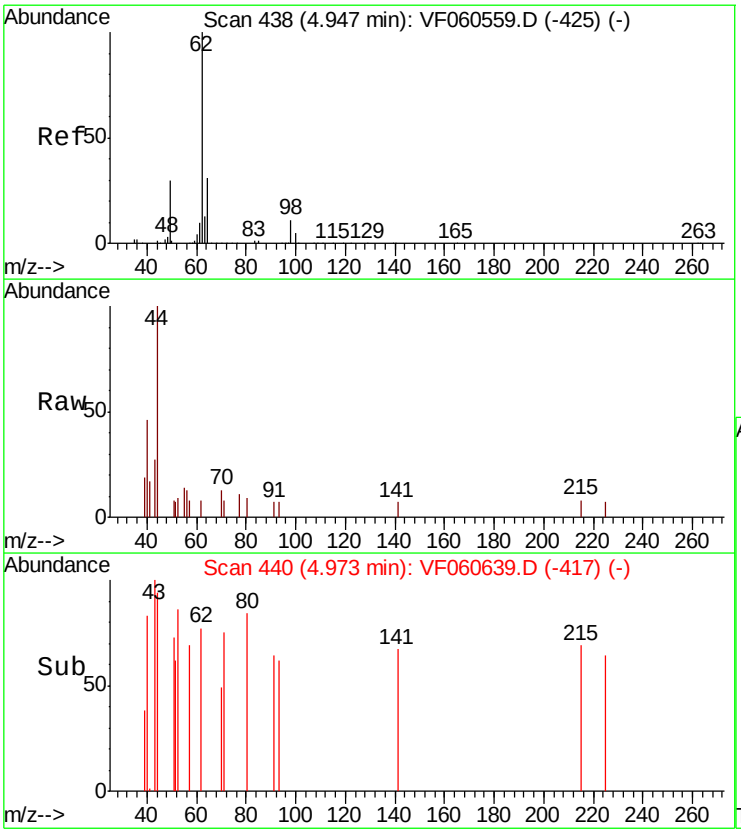
#41
Methacrylonitrile
Concen: 1324.687 ug/l
RT: 4.78 min Scan# 420
Delta R.T. 0.03 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Tgt Ion: 41 Resp: 341

Ion	Ratio	Lower	Upper
41	100		
39	72.5	45.6	68.4#
67	35.7	45.3	67.9#
52	0.0	29.6	44.4#

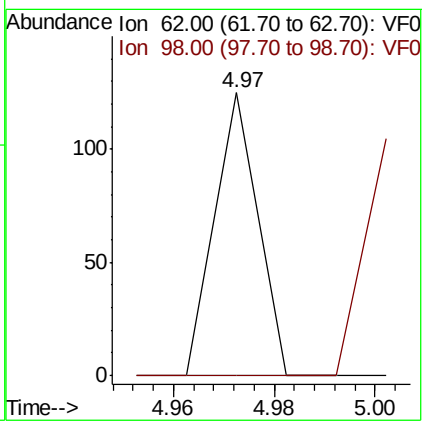


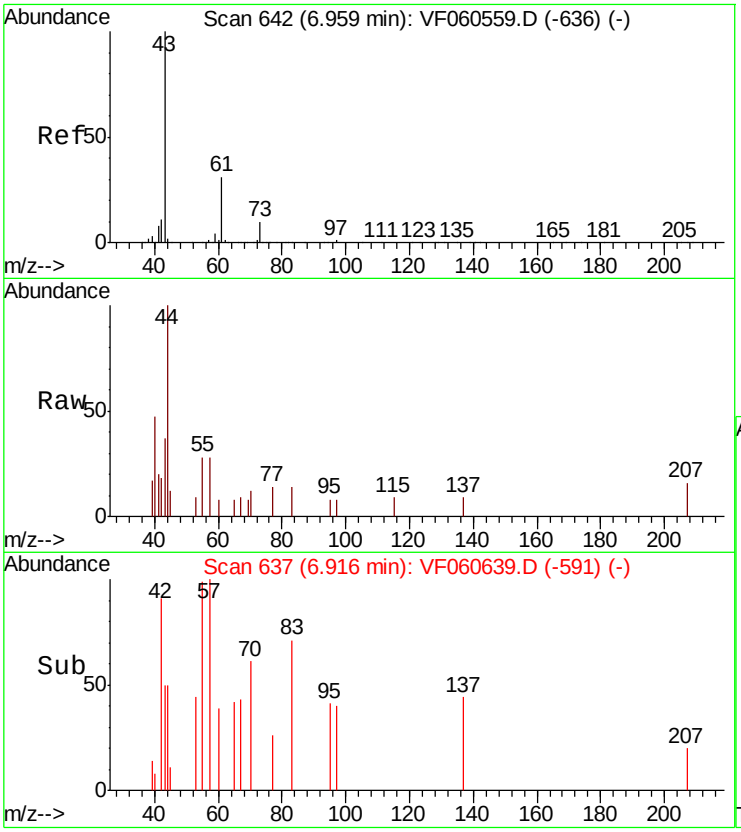


#42
1,2-Dichloroethane
Concen: 112.173 ug/l
RT: 4.97 min Scan# 440
Delta R.T. 0.03 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 62 Resp: 74

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	22.4



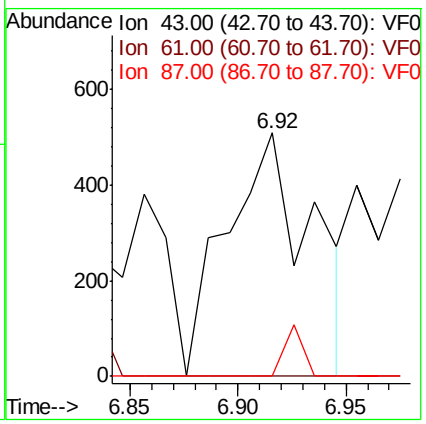


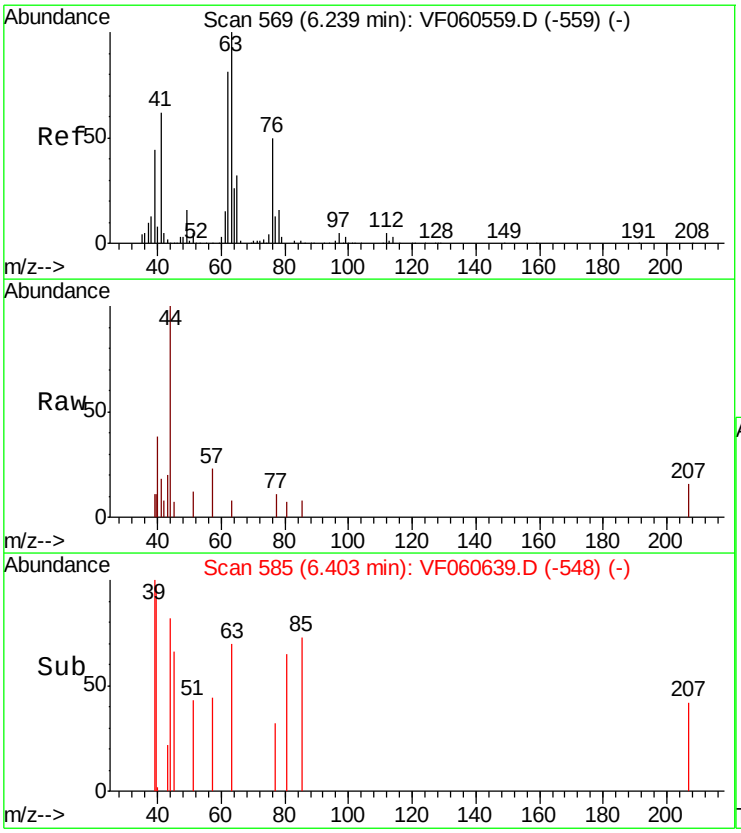
#43
Isopropyl Acetate
Concen: 2419.233 ug/l
RT: 6.92 min Scan# 637
Delta R.T. -0.04 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument :
MSVOA_F
ClientSampleId :
SP-DRE

Tgt Ion: 43 Resp: 1391

Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.2	36.2#
87	0.0	0.2	0.4#

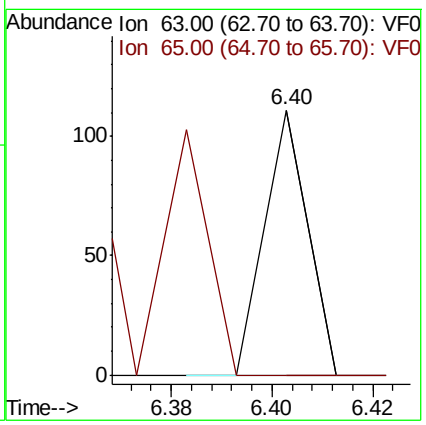


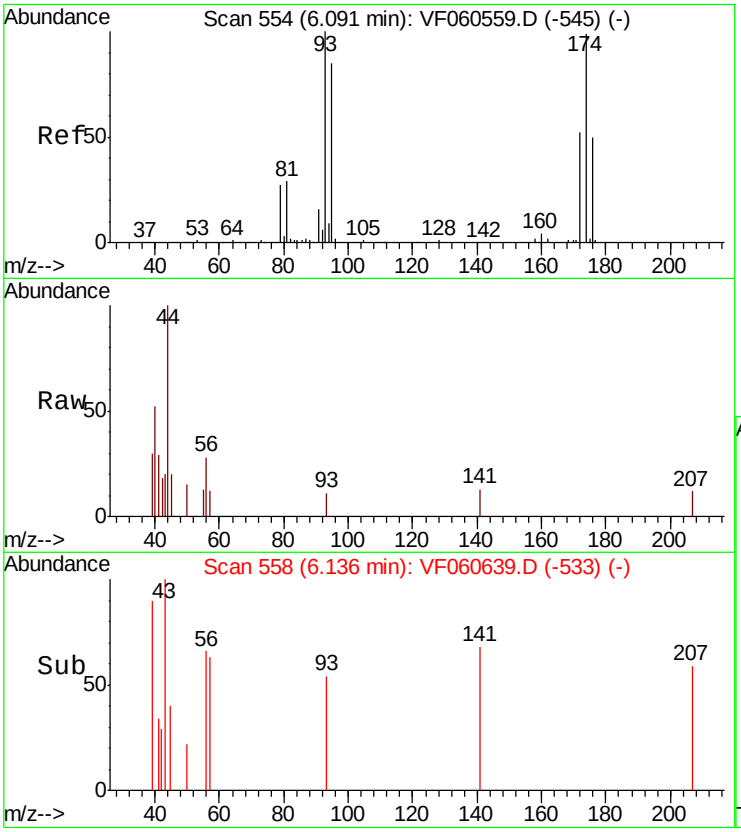


#45
1,2-Dichloropropane
Concen: 112.273 ug/l
RT: 6.40 min Scan# 585
Delta R.T. 0.16 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 63 Resp: 66

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.4	38.0#



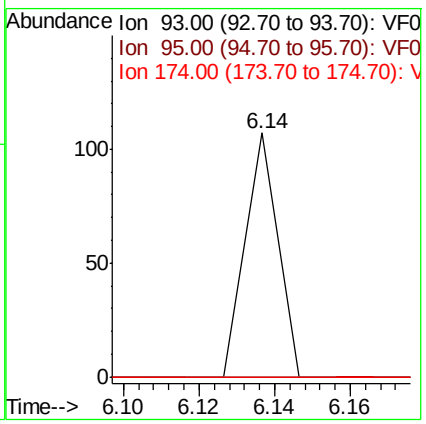


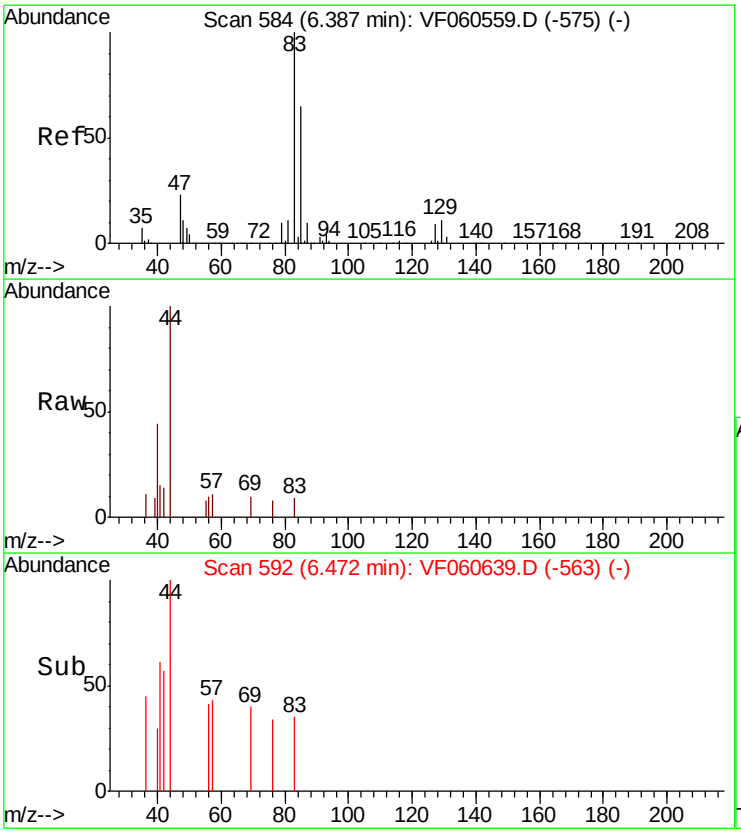
#46
Dibromomethane
Concen: 168.929 ug/l
RT: 6.14 min Scan# 558
Delta R.T. 0.05 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Tgt Ion: 93 Resp: 63

Ion	Ratio	Lower	Upper
93	100		
95	0.0	68.6	102.8#
174	0.0	79.0	118.4#

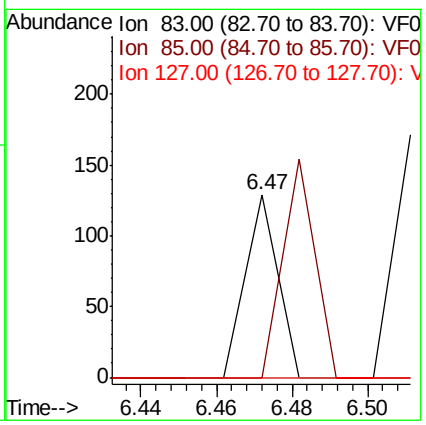


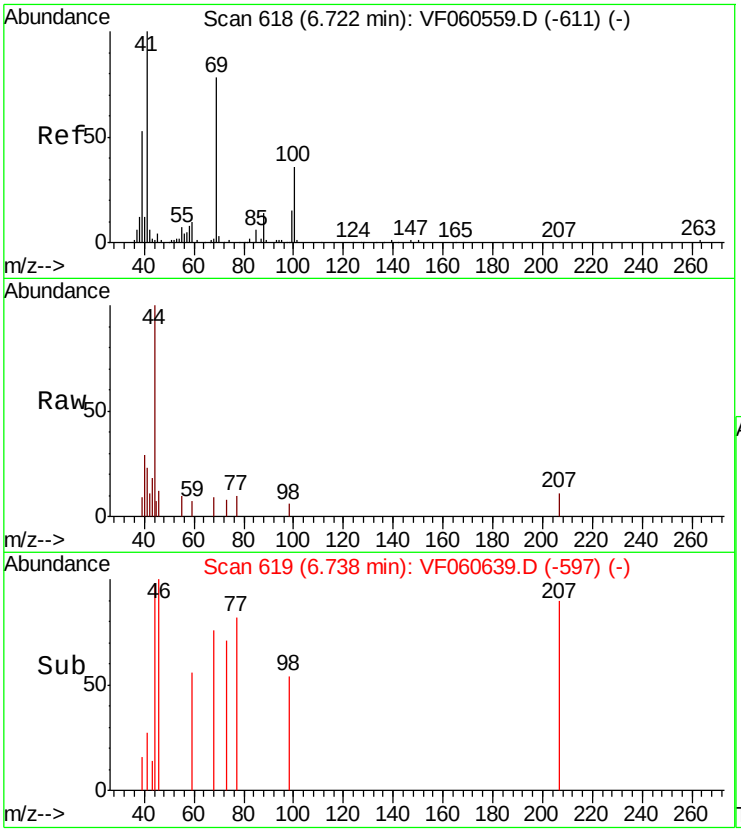


#47
Bromodichloromethane
Concen: 84.488 ug/l
RT: 6.47 min Scan# 592
Delta R.T. 0.08 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 83 Resp: 76

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#
127	0.0	7.0	10.4#



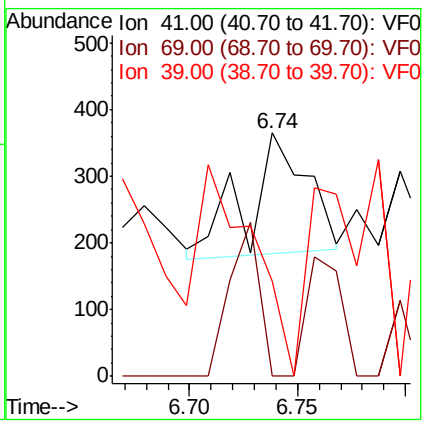


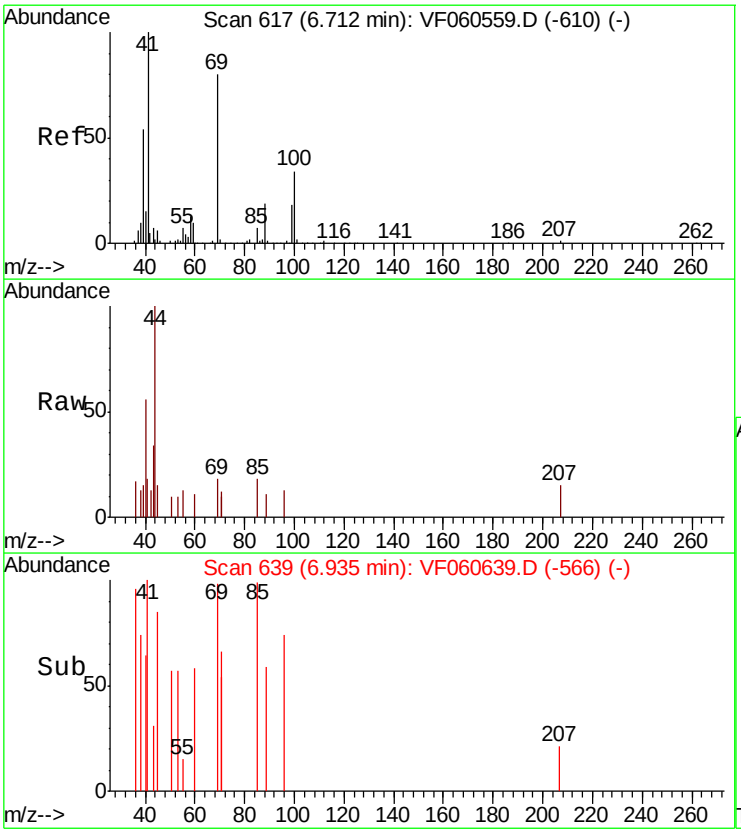
#48
Methyl methacrylate
Concen: 965.782 ug/l
RT: 6.74 min Scan# 619
Delta R.T. 0.02 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Tgt Ion: 41 Resp: 349

Ion	Ratio	Lower	Upper
41	100		
69	0.0	61.1	91.7#
39	38.9	43.0	64.6#

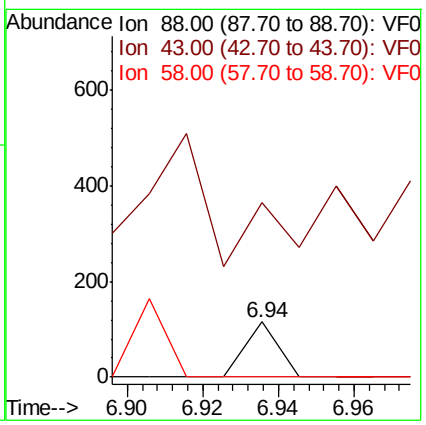


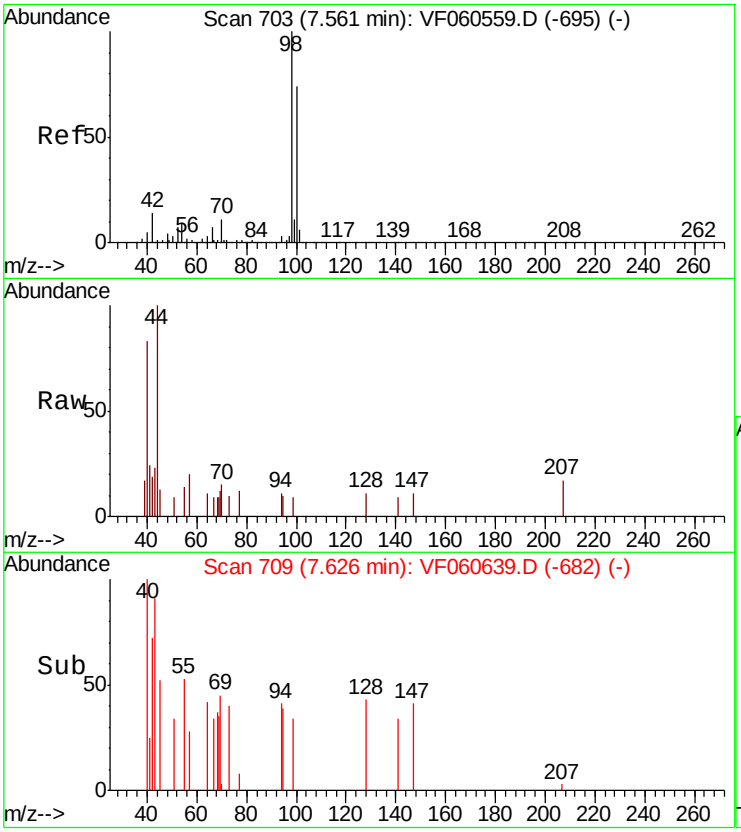


#49
1,4-Dioxane
Concen: 17988.374 ug/l
RT: 6.94 min Scan# 639
Delta R.T. 0.22 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 88 Resp: 68

Ion	Ratio	Lower	Upper
88	100		
43	318.3	61.2	91.8#
58	0.0	56.9	85.3#



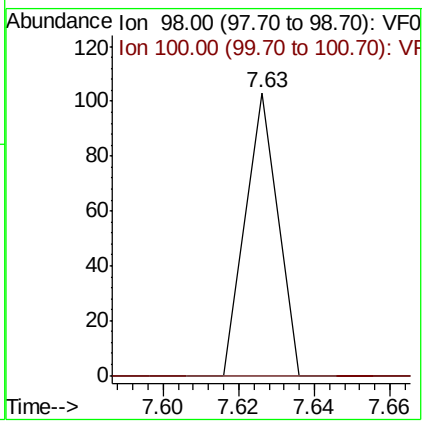


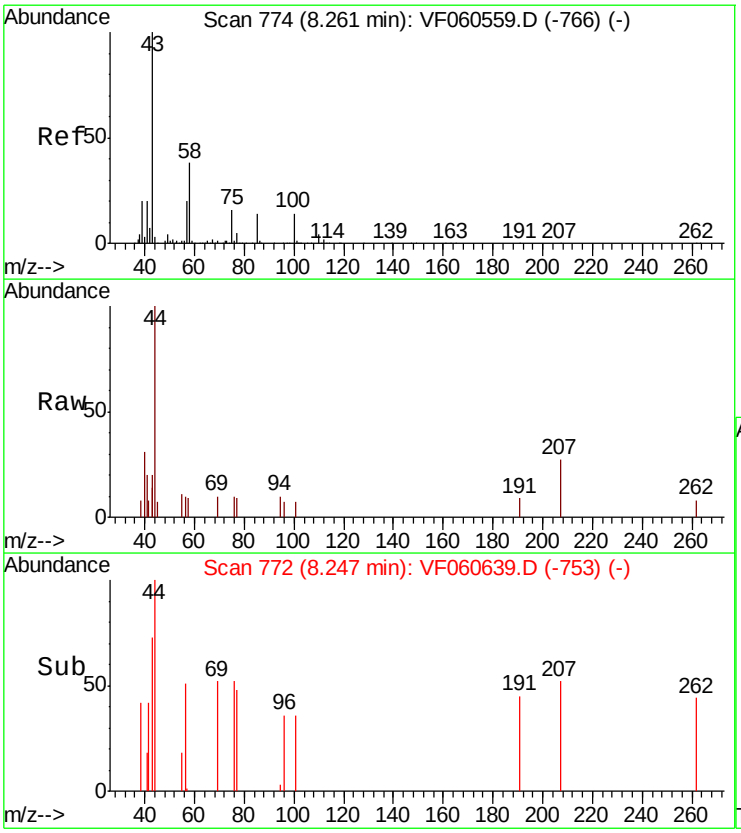
#50
Toluene-d8
Concen: 30.992 ug/l
RT: 7.63 min Scan# 709
Delta R.T. 0.07 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Tgt Ion: 98 Resp: 61

Ion	Ratio	Lower	Upper
98	100		
100	0.0	59.4	89.2#

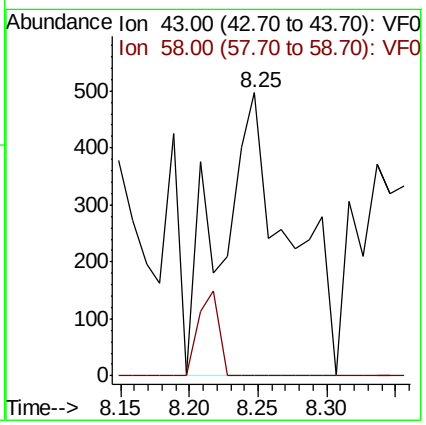


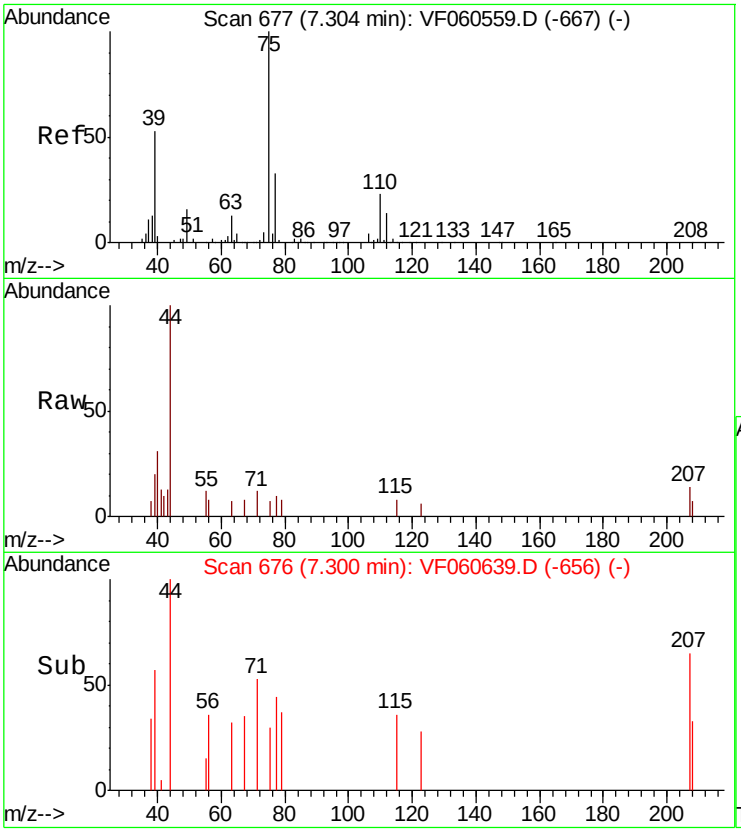


#51
4-Methyl-2-Pentanone
Concen: 4440.692 ug/l
RT: 8.25 min Scan# 772
Delta R.T. -0.01 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 43 Resp: 1717

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.1	45.1#



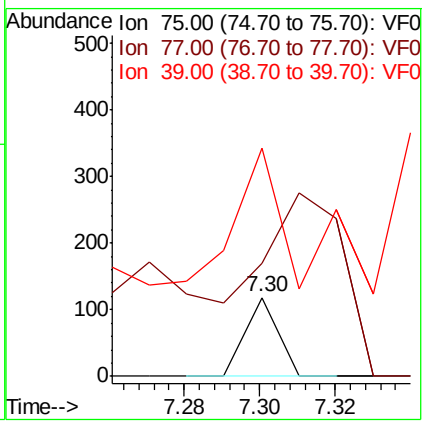


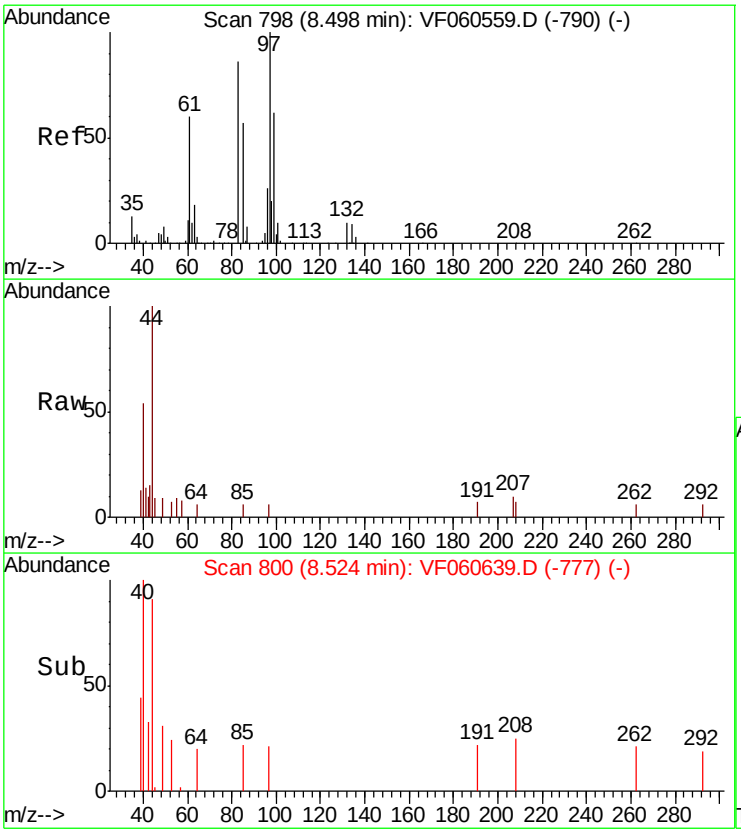
#54
cis-1,3-Dichloropropene
Concen: 70.865 ug/l
RT: 7.30 min Scan# 676
Delta R.T. -0.00 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Tgt Ion: 75 Resp: 70

Ion	Ratio	Lower	Upper
75	100		
77	143.2	26.7	40.1#
39	290.7	43.0	64.4#

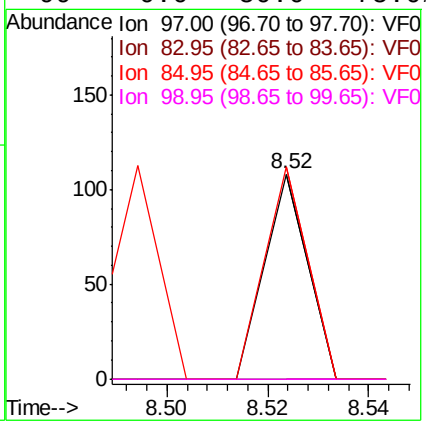


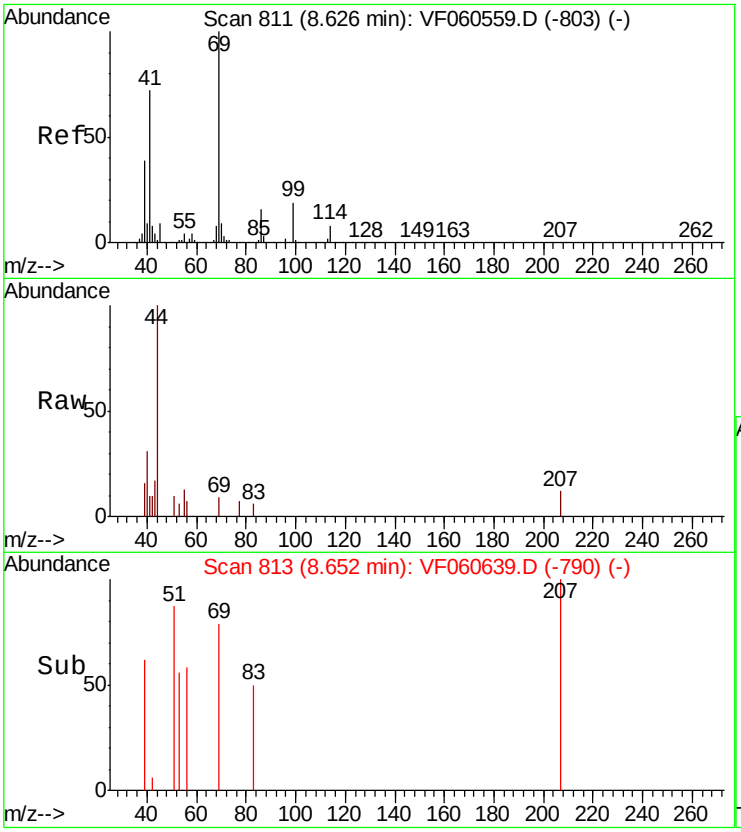


#55
1,1,2-Trichloroethane
Concen: 146.890 ug/l
RT: 8.52 min Scan# 800
Delta R.T. 0.03 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 97 Resp: 64

Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.4	104.0#
85	103.7	46.6	69.8#
99	0.0	50.0	75.0#



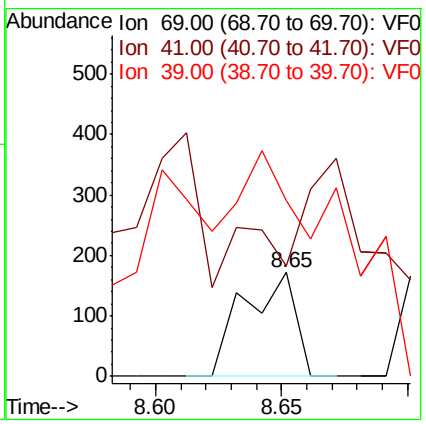


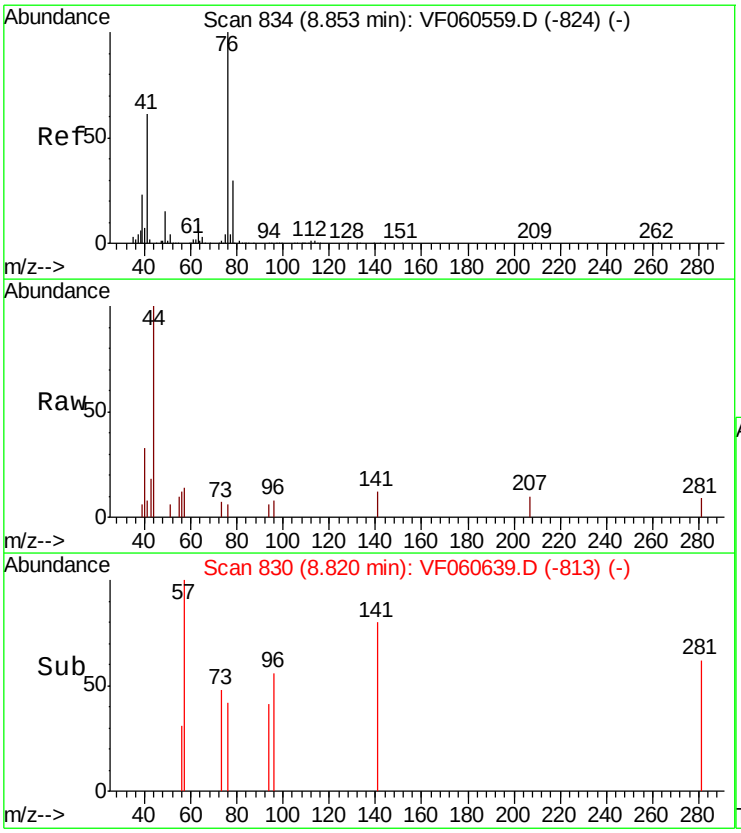
#56
Ethyl methacrylate
Concen: 438.837 ug/l
RT: 8.65 min Scan# 813
Delta R.T. 0.03 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument : MSVOA_F
ClientSampleId : SP-DRE

Tgt Ion: 69 Resp: 246

Ion	Ratio	Lower	Upper
69	100		
41	106.4	59.2	88.8#
39	169.2	32.3	48.5#

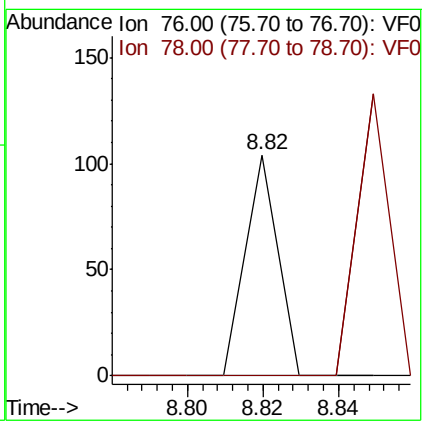


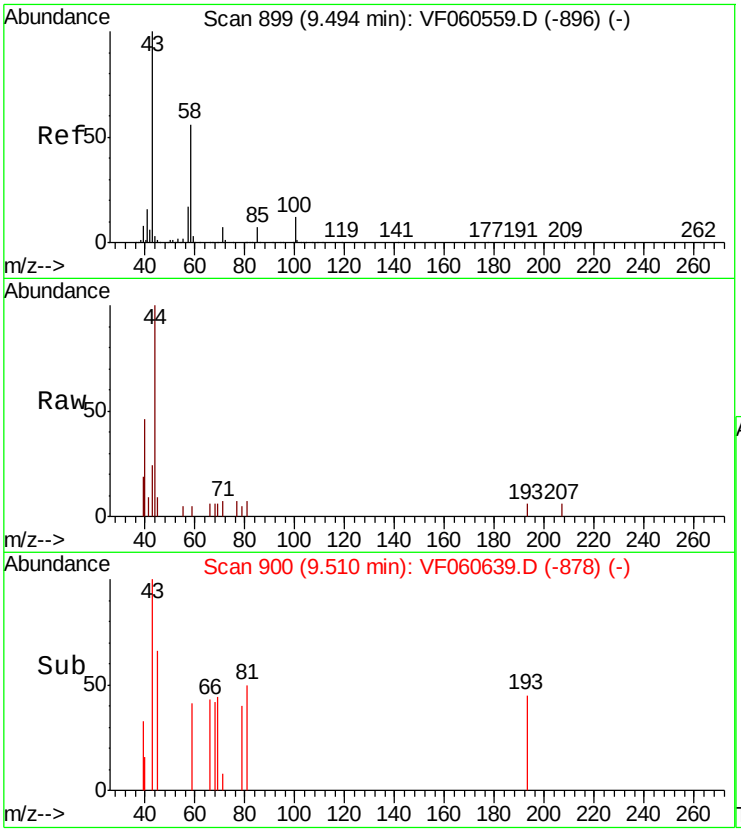


#57
1,3-Dichloropropane
Concen: 81.099 ug/l
RT: 8.82 min Scan# 830
Delta R.T. -0.03 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 76 Resp: 62

Ion	Ratio	Lower	Upper
76	100		
78	0.0	24.2	36.4#



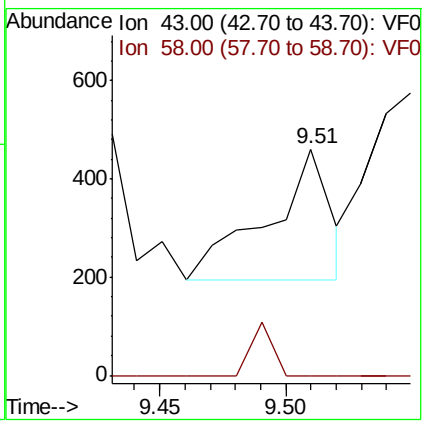


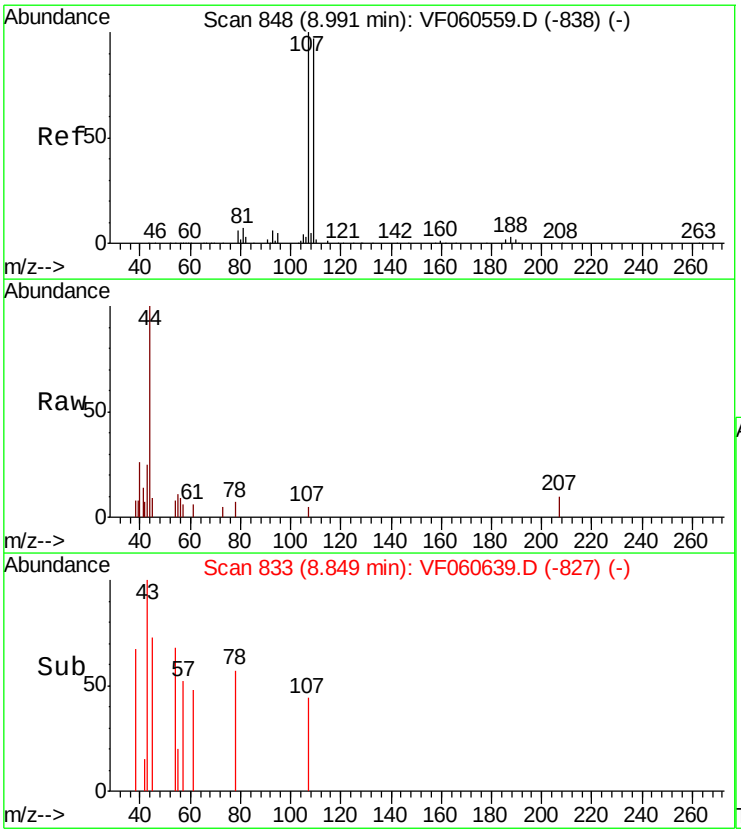
#59
2-Hexanone
Concen: 1981.903 ug/l
RT: 9.51 min Scan# 900
Delta R.T. 0.02 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument :
MSVOA_F
ClientSampleId :
SP-DRE

Tgt Ion: 43 Resp: 462

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.1	78.3#

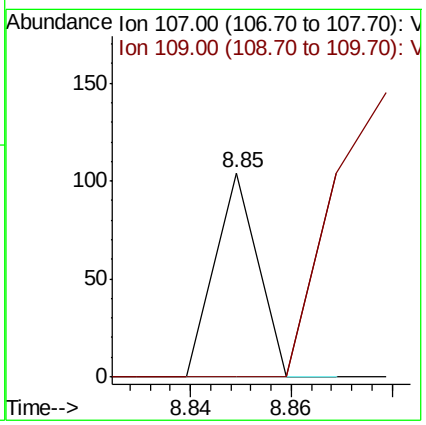


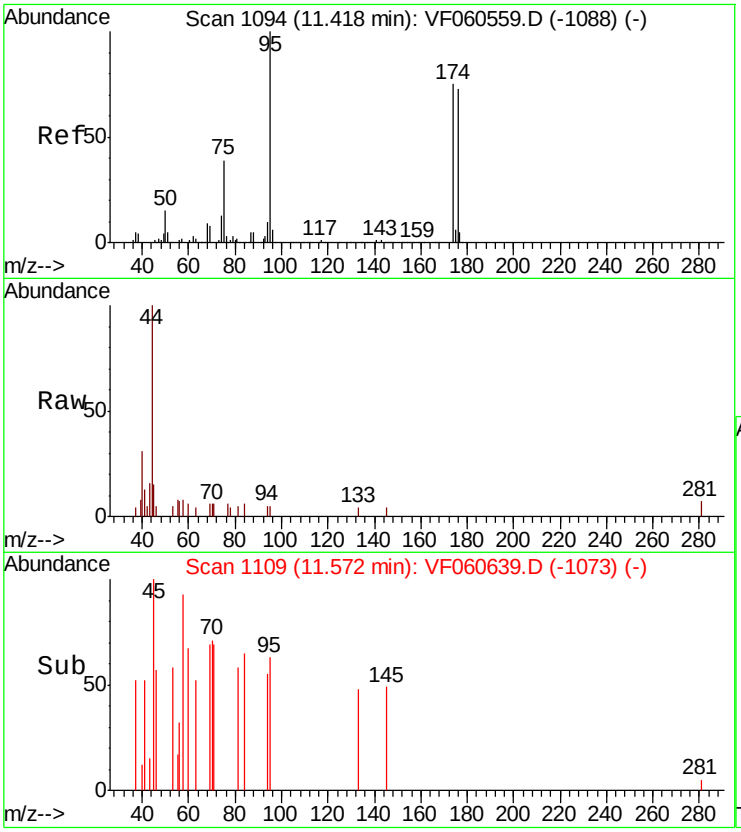


#61
1,2-Dibromoethane
Concen: 135.316 ug/l
RT: 8.85 min Scan# 833
Delta R.T. -0.14 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion:107 Resp: 62

Ion	Ratio	Lower	Upper
107	100		
109	0.0	77.5	116.3#



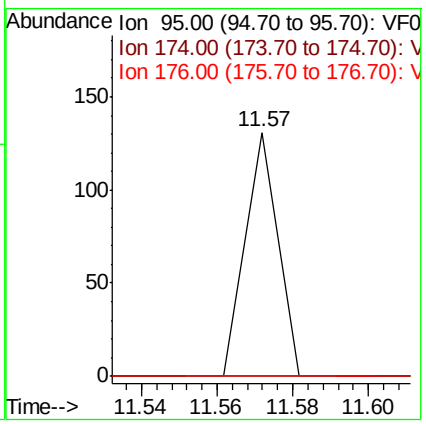


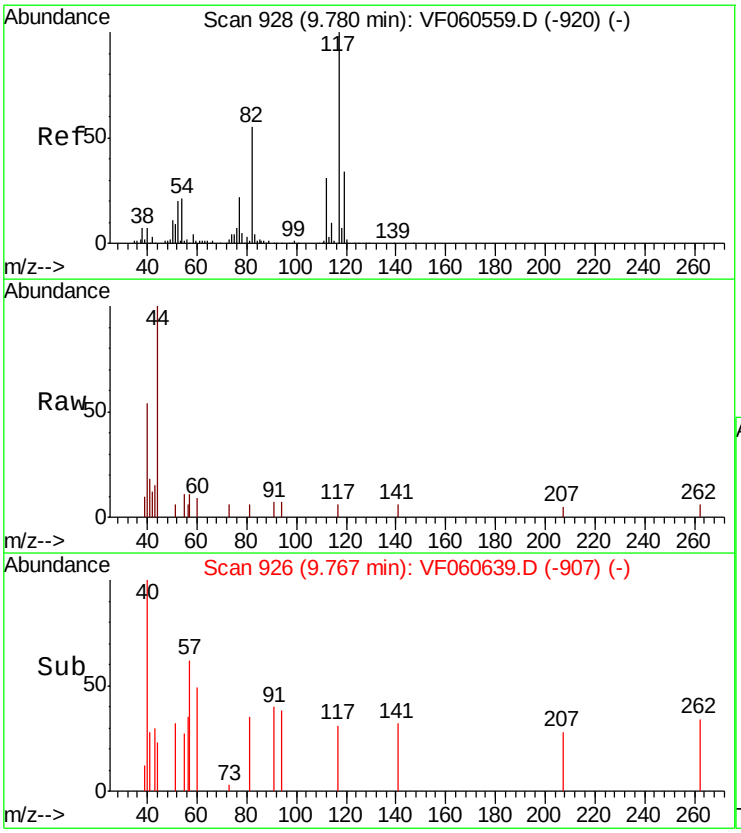
#62
4-Bromofluorobenzene
Concen: 90.598 ug/l
RT: 11.57 min Scan# 1109
Delta R.T. 0.15 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument :
MSVOA_F
ClientSampleId :
SP-DRE

Tgt Ion: 95 Resp: 78

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	149.0
176	0.0	0.0	145.6

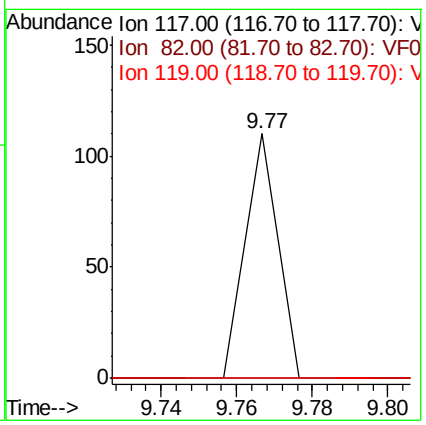


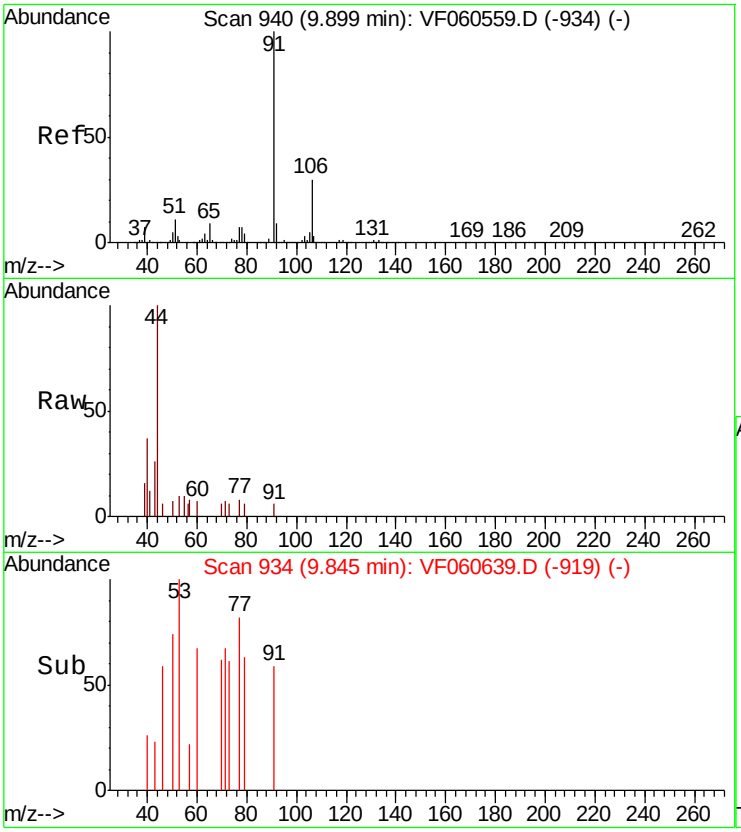


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion:117 Resp: 65

Ion	Ratio	Lower	Upper
117	100		
82	0.0	43.9	65.9#
119	0.0	27.4	41.0#



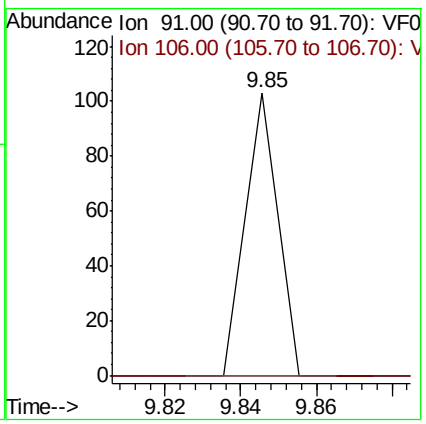


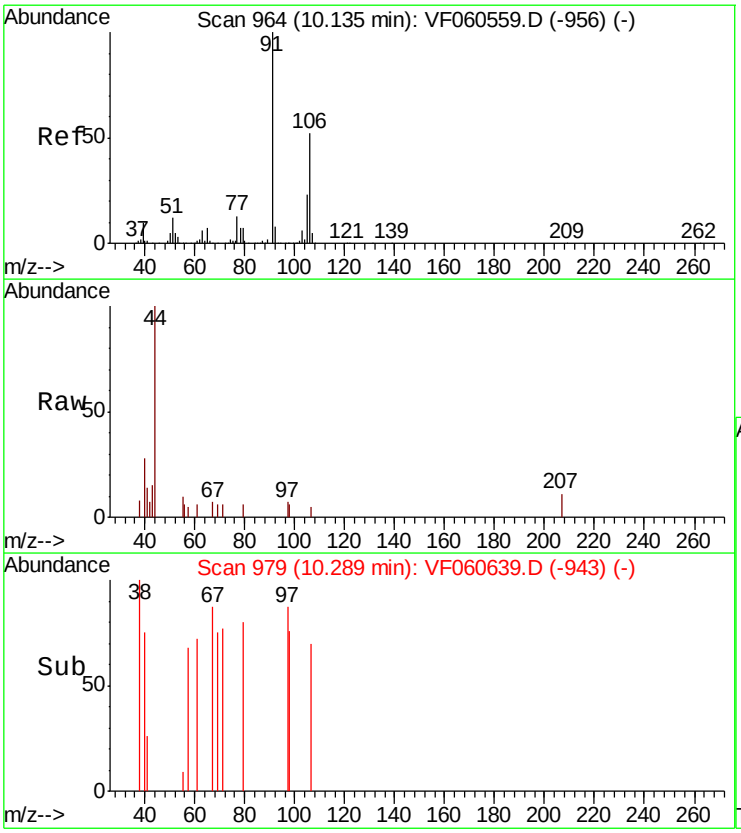
#67
Ethyl Benzene
Concen: 25.288 ug/l
RT: 9.85 min Scan# 934
Delta R.T. -0.05 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument :
MSVOA_F
ClientSampleId :
SP-DRE

Tgt Ion: 91 Resp: 61

Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.2	36.4#

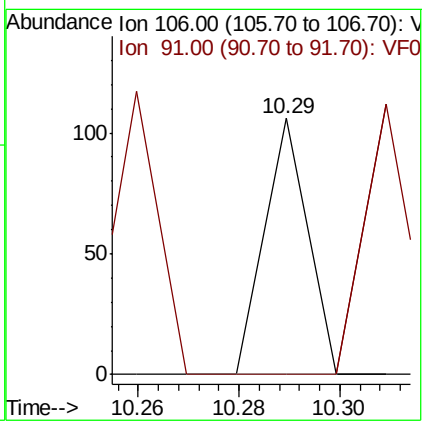


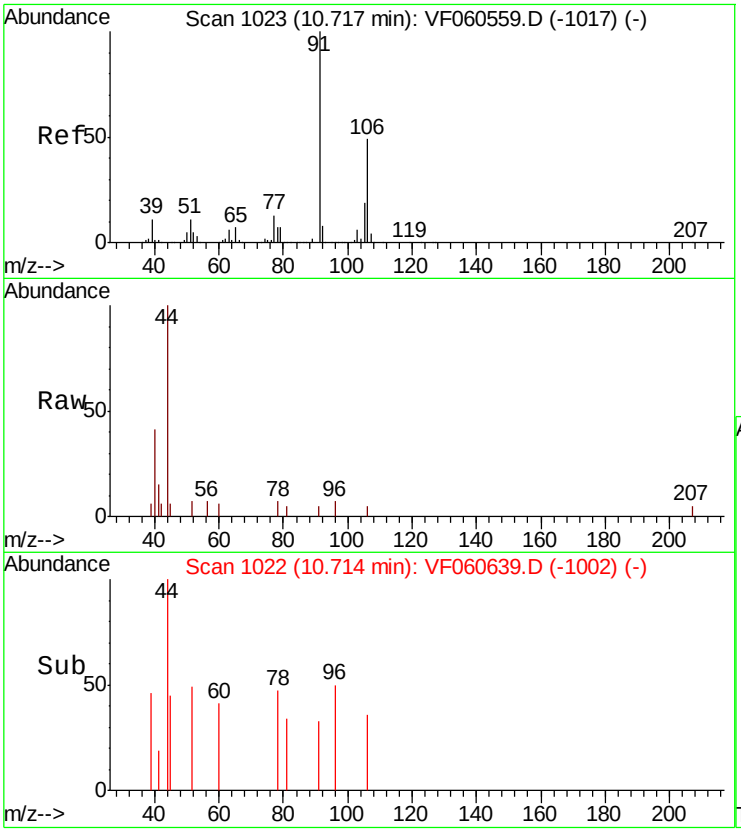


#68
m/p-Xylenes
Concen: 69.335 ug/l
RT: 10.29 min Scan# 979
Delta R.T. 0.15 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion:106 Resp: 63

Ion	Ratio	Lower	Upper
106	100		
91	0.0	153.9	230.9#



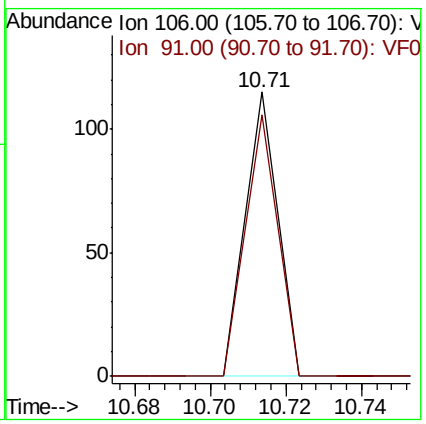


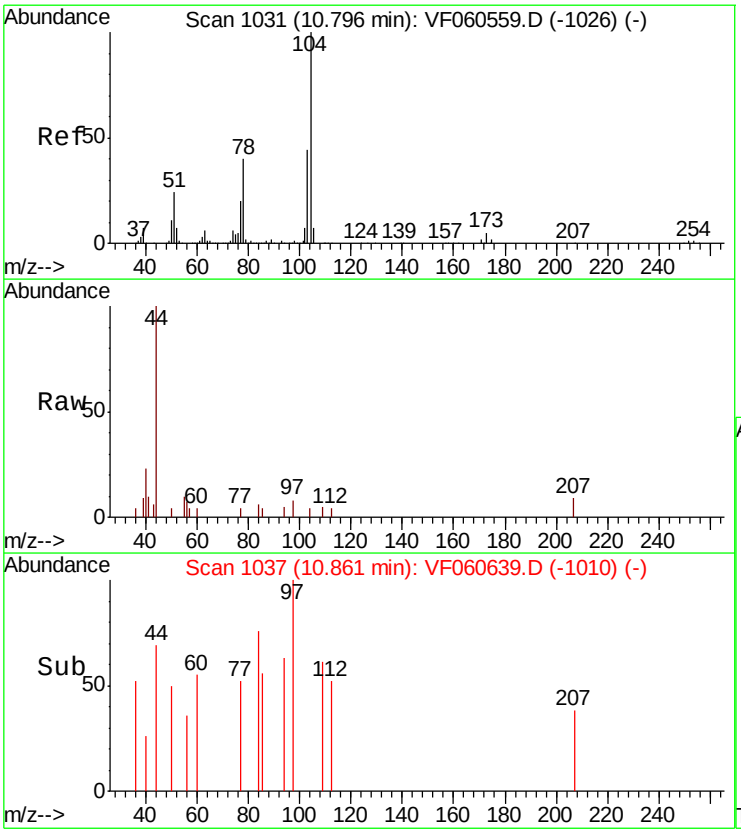
#69
o-Xylene
Concen: 68.537 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. -0.00 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Instrument :
MSVOA_F
ClientSampleId :
SP-DRE

Tgt Ion:106 Resp: 68

Ion	Ratio	Lower	Upper
106	100		
91	92.2	101.8	305.3#

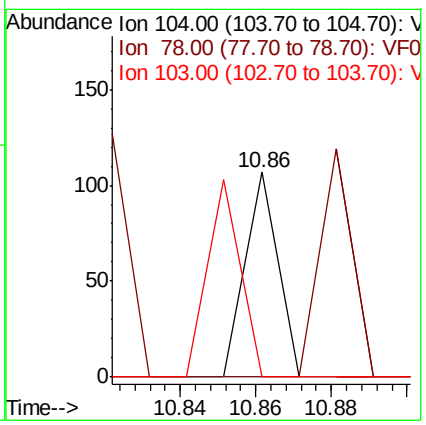


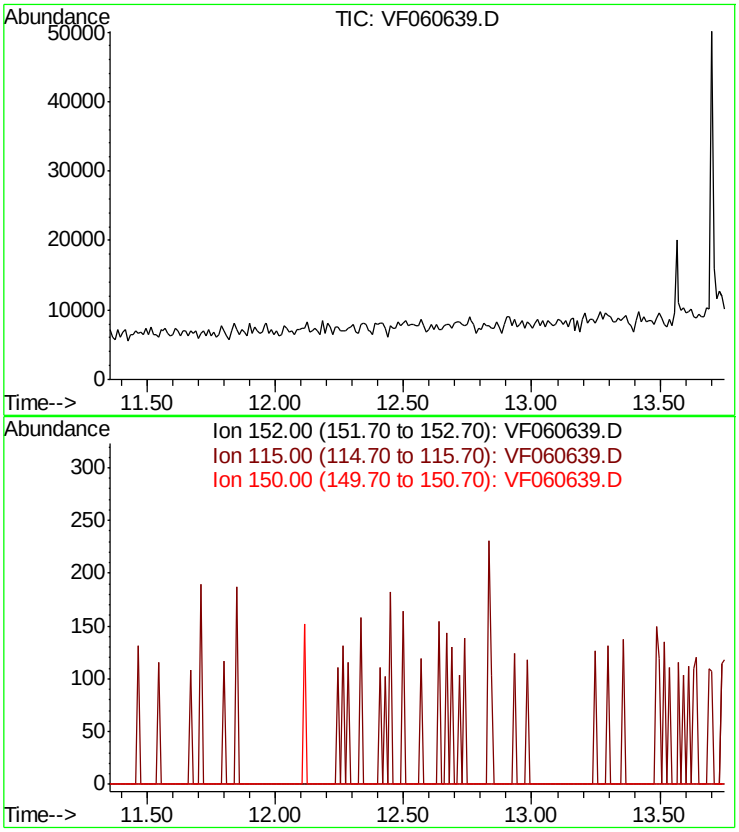


#70
Styrene
Concen: 43.829 ug/l
RT: 10.86 min Scan# 1037
Delta R.T. 0.07 min
Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion:104 Resp: 63

Ion	Ratio	Lower	Upper
104	100		
78	0.0	32.6	49.0#
103	0.0	35.2	52.8#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 12.55 min

Lab File: VF060639.D
Acq: 7 Nov 2018 20:16

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	59.2
150	157.8

Instrument :
MSVOA_F
ClientSampleId :
SP-DRE