Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
Data File : VF060922.D
Acq On : 6 Dec 2018 17:35
Operator : VA/AP
Sample : J6248-06
Misc : 5.21g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 06 18:00:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	76	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.61	114	431	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.78	117	239	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.50	152	77	50.00	ug/l	-0.07
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.76	65	73	81.54	ug/l	-0.12
Spiked Amount 50.000			Recovery = 163.08%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	7.56	98	947	94.02	ug/l	-0.03
Spiked Amount 50.000			Recovery = 188.04%			
62) 4-Bromofluorobenzene	11.38	95	3089	674.81	ug/l	-0.06
Spiked Amount 50.000			Recovery = 1349.62%			
Target Compounds						Qvalue
3) Chloromethane	1.09	50	294	397.594	ug/l #	41
4) Vinyl Chloride	1.24	62	66	95.688	ug/l #	1
5) Bromomethane	1.35	94	329	676.453	ug/l #	2
6) Chloroethane	1.24	64	87	291.798	ug/l #	40
8) Diethyl Ether	1.70	74	158	742.459	ug/l	63
11) Tert butyl alcohol	2.54	59	62	1689.338	ug/l #	1
12) 1,1-Dichloroethene	1.82	96	276	458.645	ug/l #	1
13) Acrolein	1.92	56	413	11877.119	ug/l	91
14) Allyl chloride	2.10	41	308	410.638	ug/l #	36
15) Acrylonitrile	2.94	53	684	8313.062	ug/l #	55
16) Acetone	2.21	43	393	2380.382	ug/l	99
17) Carbon Disulfide	1.69	76	73	45.243	ug/l #	68
18) Methyl Acetate	2.37	43	1260	4702.634	ug/l #	61
19) Methyl tert-butyl Ether	2.41	73	89	65.665	ug/l #	58
20) Methylene Chloride	2.33	84	78	128.781	ug/l #	2
21) trans-1,2-Dichloroethene	2.33	96	143	246.485	ug/l #	43
22) Diisopropyl ether	2.82	45	174	85.225	ug/l #	1
23) Vinyl Acetate	3.19	43	473	506.827	ug/l #	80
24) 1,1-Dichloroethane	2.93	63	232	190.993	ug/l #	86
25) 2-Butanone	4.35	43	98	343.180	ug/l #	57
26) 2,2-Dichloropropane	3.58	77	181	229.840	ug/l #	60
27) cis-1,2-Dichloroethene	3.50	96	64	67.761	ug/l	1
29) Tetrahydrofuran	4.10	42	65	536.984	ug/l #	37
30) Chloroform	3.90	83	66	35.304	ug/l #	17
31) Cyclohexane	3.71	56	77	61.080	ug/l #	83
37) Ethyl Acetate	4.11	43	416	214.138	ug/l #	14
40) Benzene	4.70	78	63	5.965	ug/l #	52
41) Methacrylonitrile	4.76	41	144	151.003	ug/l #	47
43) Isopropyl Acetate	6.96	43	349	151.104	ug/l #	49
47) Bromodichloromethane	6.42	83	62	12.546	ug/l #	25
48) Methyl methacrylate	6.72	41	227	129.090	ug/l #	18
51) 4-Methyl-2-Pentanone	8.28	43	25240	14089.111	ug/l #	42
53) t-1,3-Dichloropropene	8.30	75	88	21.892	ug/l #	40
55) 1,1,2-Trichloroethane	8.39	97	1926	891.010	ug/l #	50

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
Data File : VF060922.D
Acq On : 6 Dec 2018 17:35
Operator : VA/AP
Sample : J6248-06
Misc : 5.21g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 06 18:00:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
56) Ethyl methacrylate	8.62	69	50270	20934.889 ug/l #	74
58) 2-Chloroethyl Vinyl ether	7.30	63	63	256.500 ug/l #	46
59) 2-Hexanone	9.52	43	4580	3644.133 ug/l #	43
65) Chlorobenzene	9.92	112	86	18.497 ug/l #	42
67) Ethyl Benzene	9.91	91	508	58.688 ug/l #	47
68) m/p-Xylenes	10.13	106	1169	375.500 ug/l	76
69) o-Xylene	10.71	106	578	168.369 ug/l	43
73) Isopropylbenzene	11.12	105	2256	370.750 ug/l	90
74) N-amyl acetate	11.40	43	2782	1979.921 ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.77	83	2323	2319.633 ug/l #	46
78) n-propylbenzene	11.59	91	913	128.123 ug/l	96
79) 2-Chlorotoluene	11.73	91	118	28.880 ug/l #	43
80) 1,3,5-Trimethylbenzene	11.89	105	70	14.170 ug/l #	26
82) 4-Chlorotoluene	11.94	91	651	151.397 ug/l #	55
83) tert-Butylbenzene	12.19	119	63	12.520 ug/l #	1
84) 1,2,4-Trimethylbenzene	12.19	105	185	37.525 ug/l #	29
85) sec-Butylbenzene	12.31	105	640	92.910 ug/l #	58
86) p-Isopropyltoluene	12.59	119	65	11.255 ug/l #	1
89) n-Butylbenzene	12.89	91	208	35.619 ug/l #	27

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
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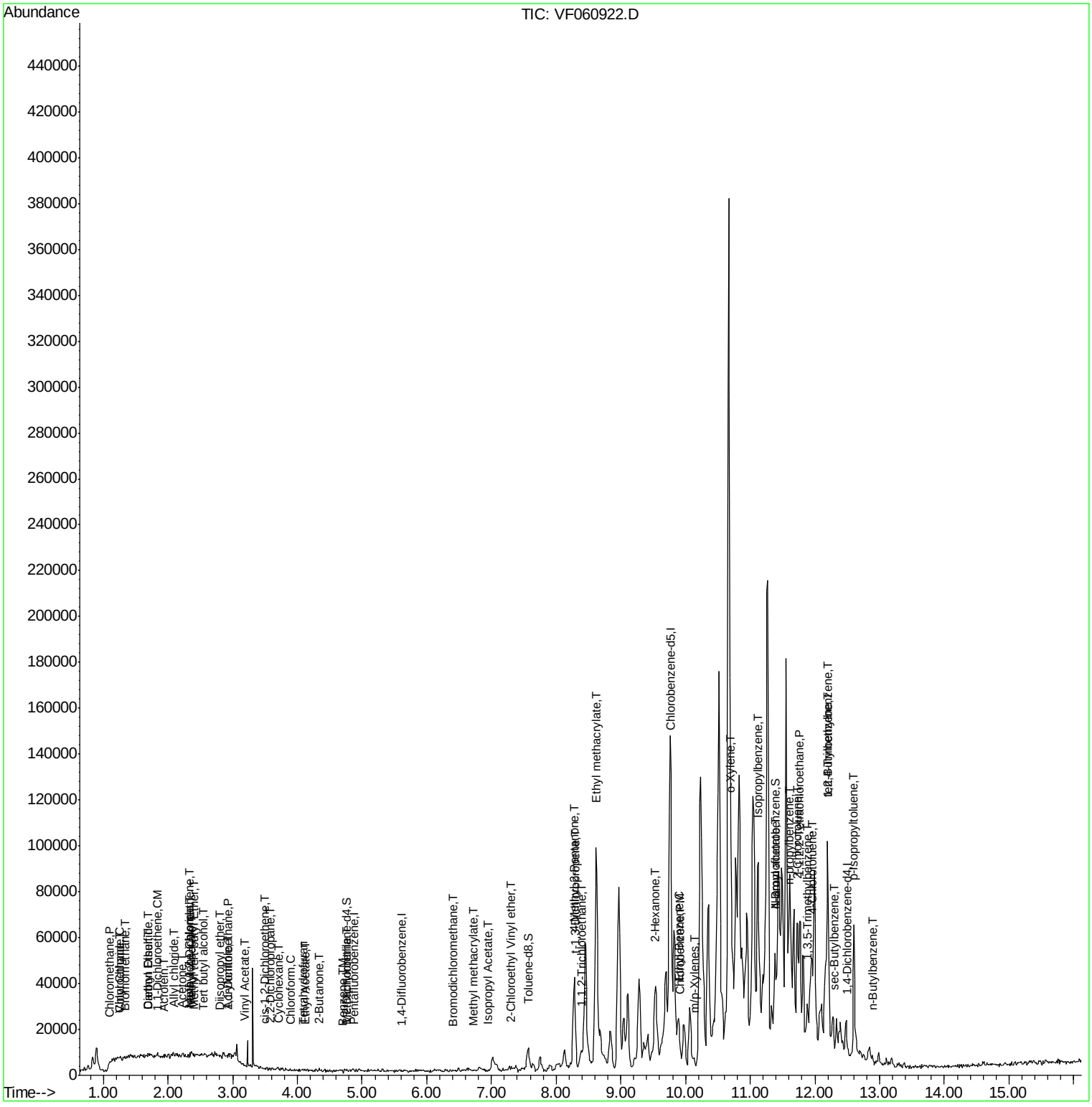
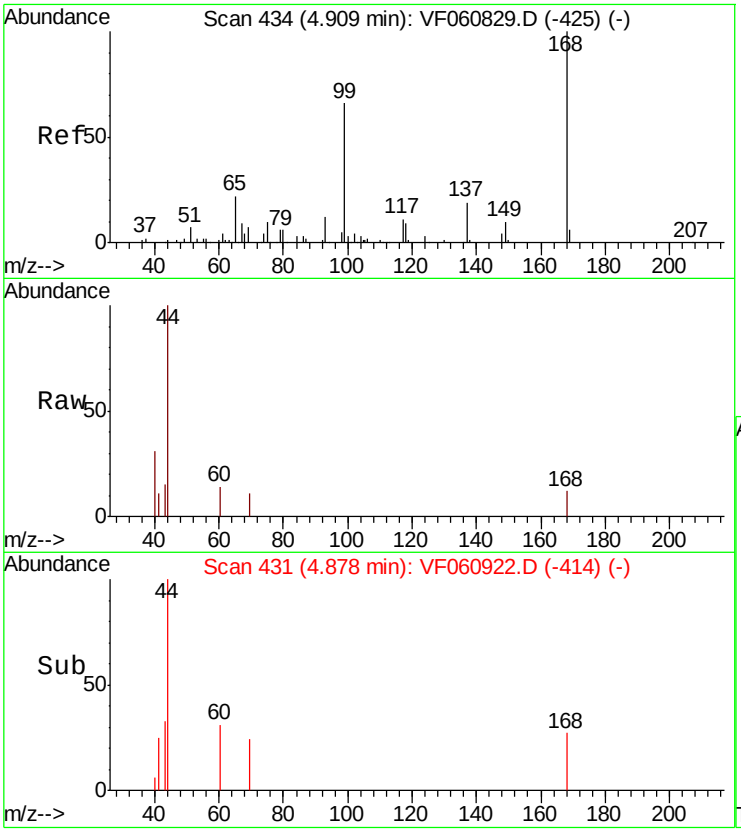
Acq On : 6 Dec 2018 17:35
Operator : VA/AP
Sample : J6248-06
Misc : 5.21g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 06 18:00:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration



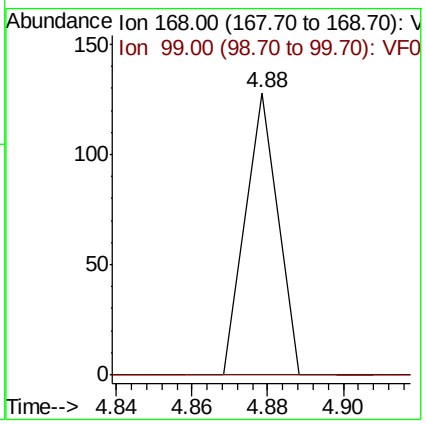


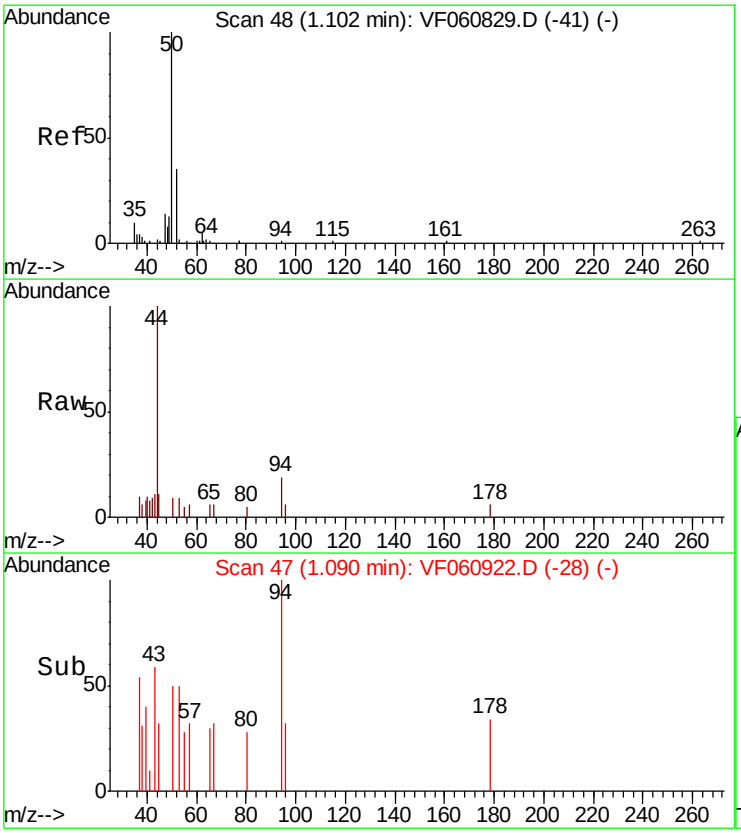
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.03 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 76

Ion	Ratio	Lower	Upper
168	100		
99	0.0	52.6	79.0#

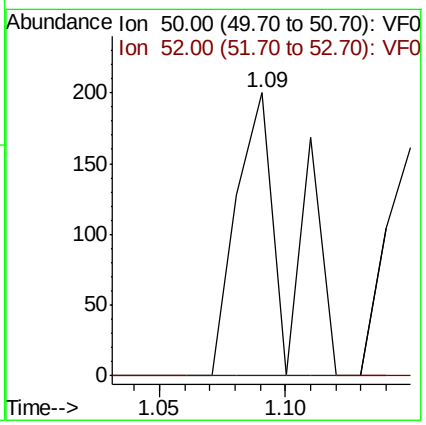


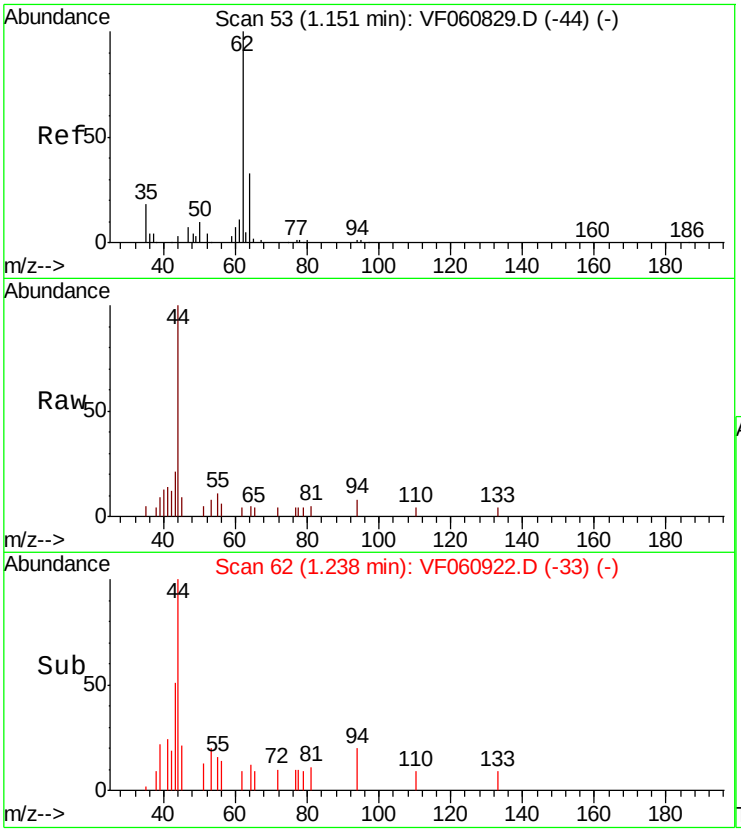


#3
Chloromethane
Concen: 397.594 ug/l
RT: 1.09 min Scan# 47
Delta R.T. -0.01 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 50 Resp: 294

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.0	40.4#



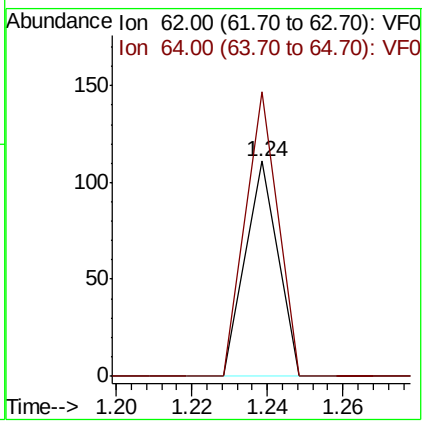


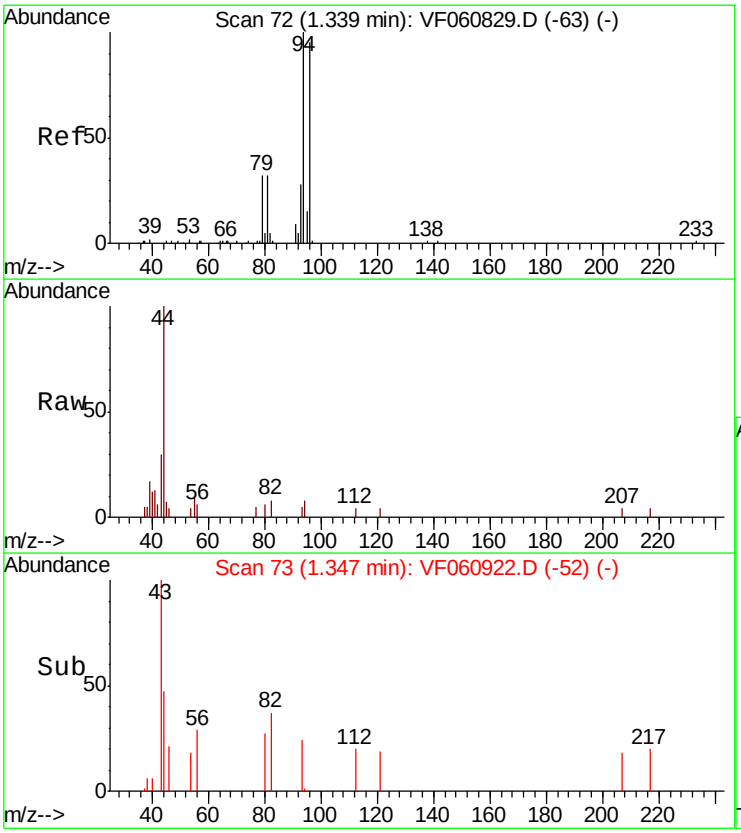
#4
Vinyl Chloride
Concen: 95.688 ug/l
RT: 1.24 min Scan# 62
Delta R.T. 0.09 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 62 Resp: 66

Ion	Ratio	Lower	Upper
62	100		
64	132.4	26.4	39.6#

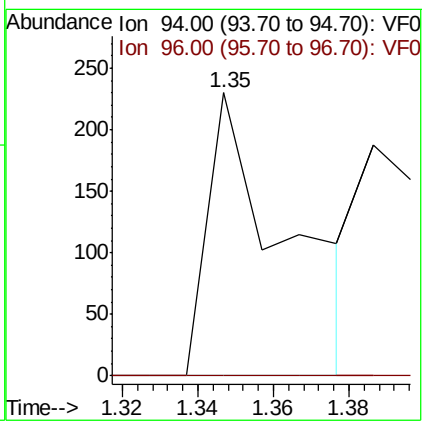


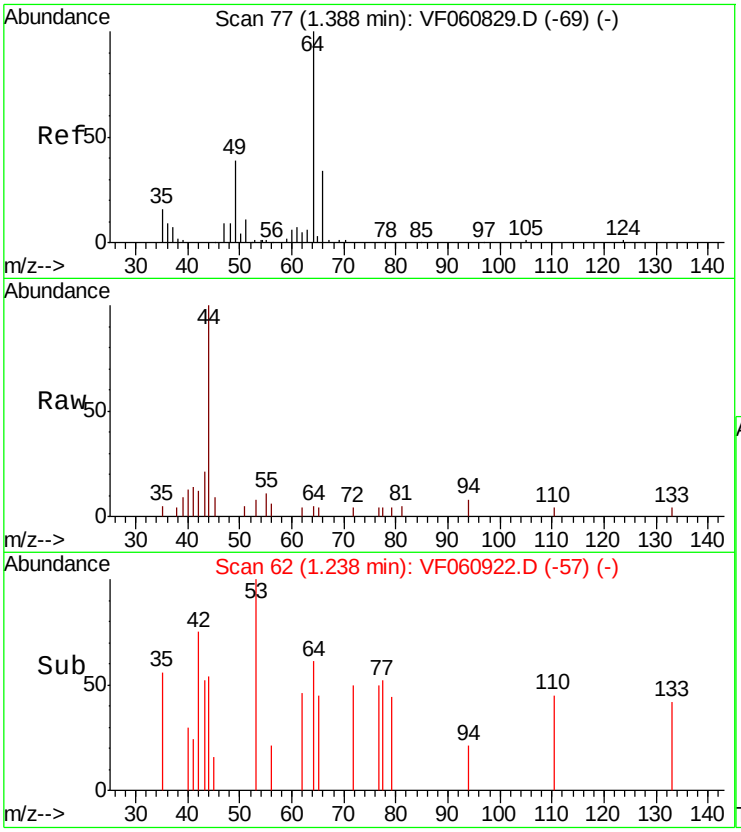


#5
Bromomethane
Concen: 676.453 ug/l
RT: 1.35 min Scan# 73
Delta R.T. 0.01 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 94 Resp: 329

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.9	113.9#



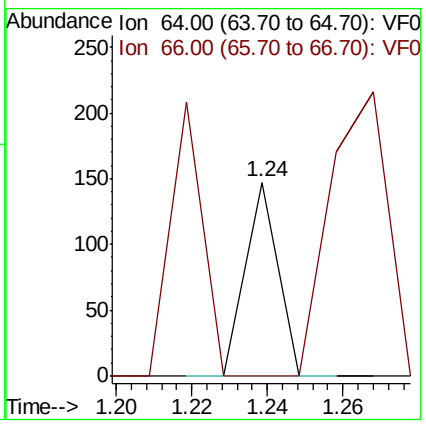


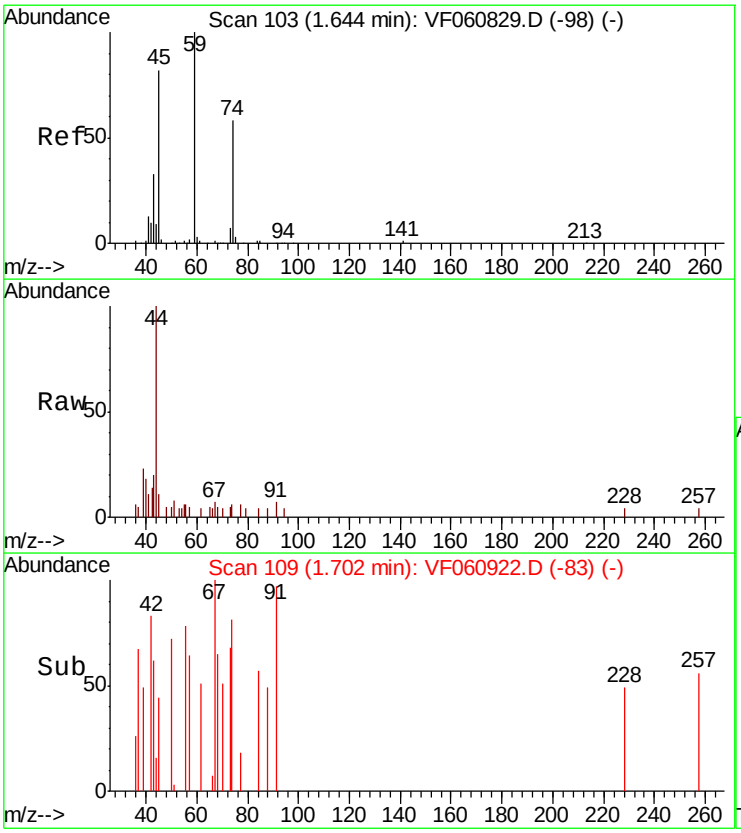
#6
Chloroethane
Concen: 291.798 ug/l
RT: 1.24 min Scan# 62
Delta R.T. -0.15 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 64 Resp: 87

Ion	Ratio	Lower	Upper
64	100		
66	0.0	28.1	42.1#

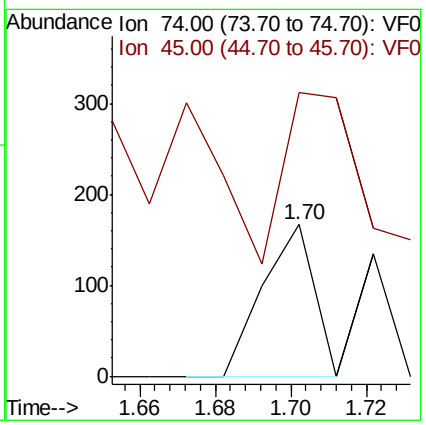


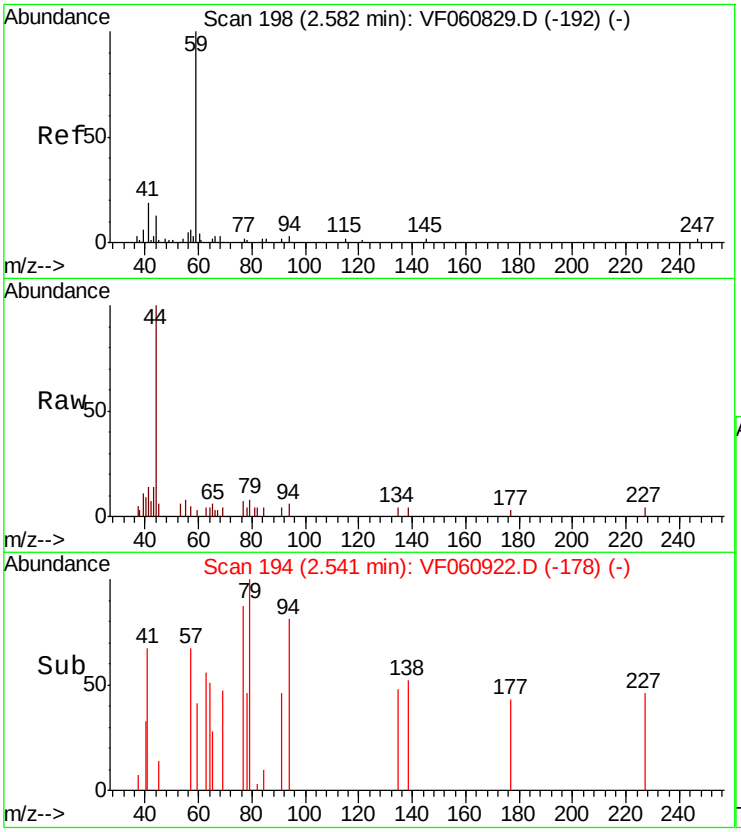


#8
Diethyl Ether
Concen: 742.459 ug/l
RT: 1.70 min Scan# 109
Delta R.T. 0.06 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 74 Resp: 158

Ion	Ratio	Lower	Upper
74	100		
45	186.8	71.0	212.8



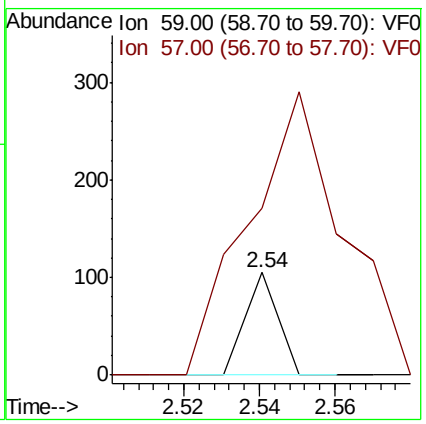


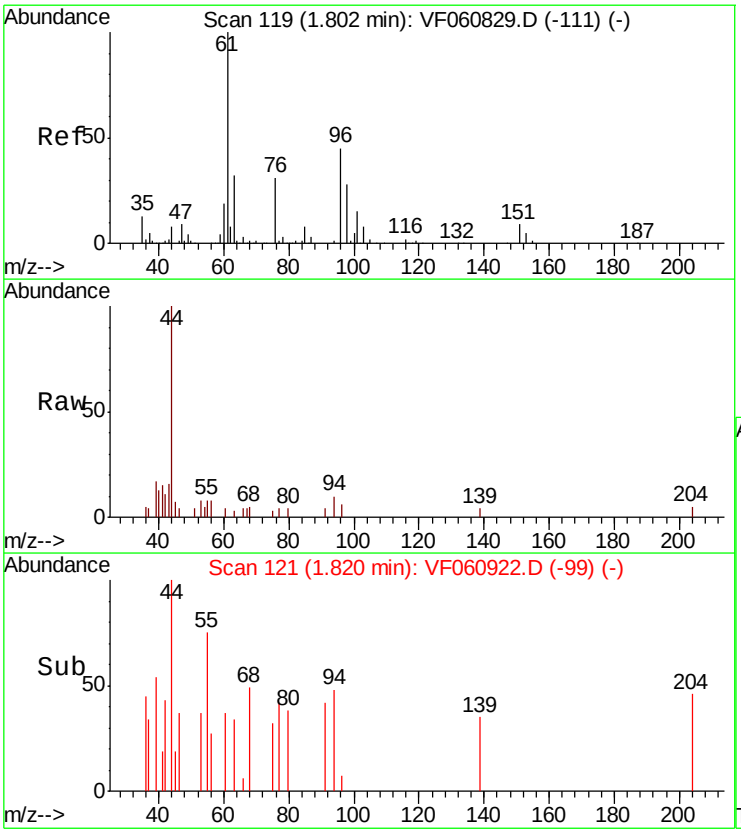
#11
Tert butyl alcohol
Concen: 1689.338 ug/l
RT: 2.54 min Scan# 194
Delta R.T. -0.04 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 62

Ion	Ratio	Lower	Upper
59	100		
57	162.9	12.7	19.1#

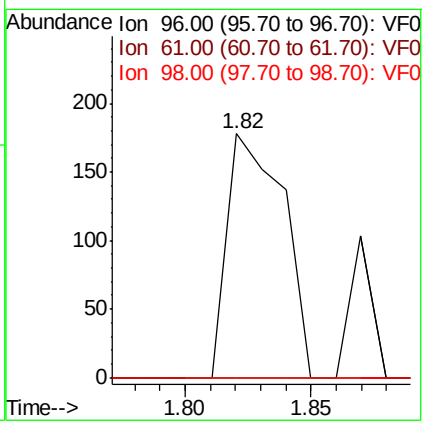


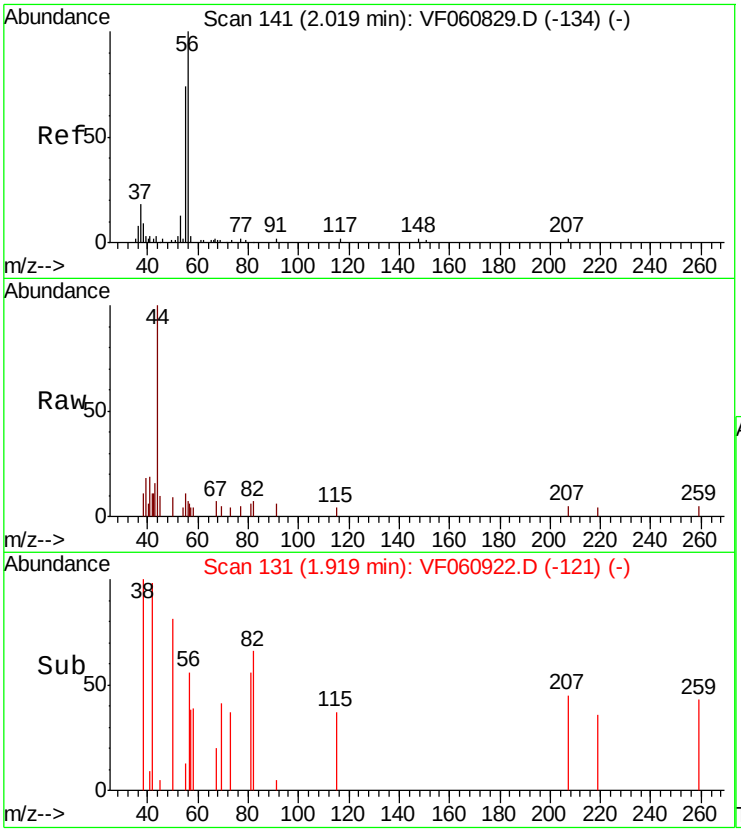


#12
1,1-Dichloroethene
Concen: 458.645 ug/l
RT: 1.82 min Scan# 121
Delta R.T. 0.02 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 96 Resp: 276

Ion	Ratio	Lower	Upper
96	100		
61	0.0	177.3	265.9#
98	0.0	49.6	74.4#



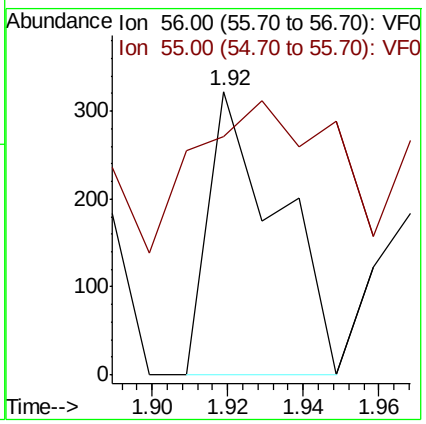


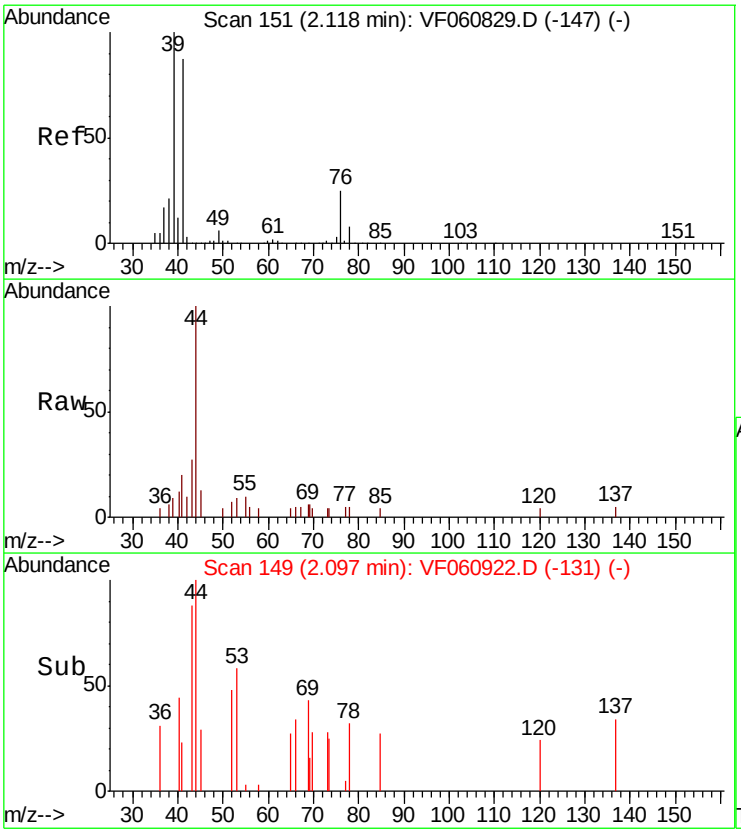
#13
Acrolein
Concen: 11877.119 ug/l
RT: 1.92 min Scan# 131
Delta R.T. -0.10 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 413

Ion	Ratio	Lower	Upper
56	100		
55	84.2	61.2	91.8

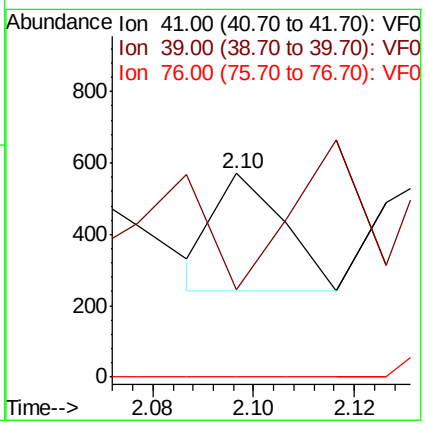


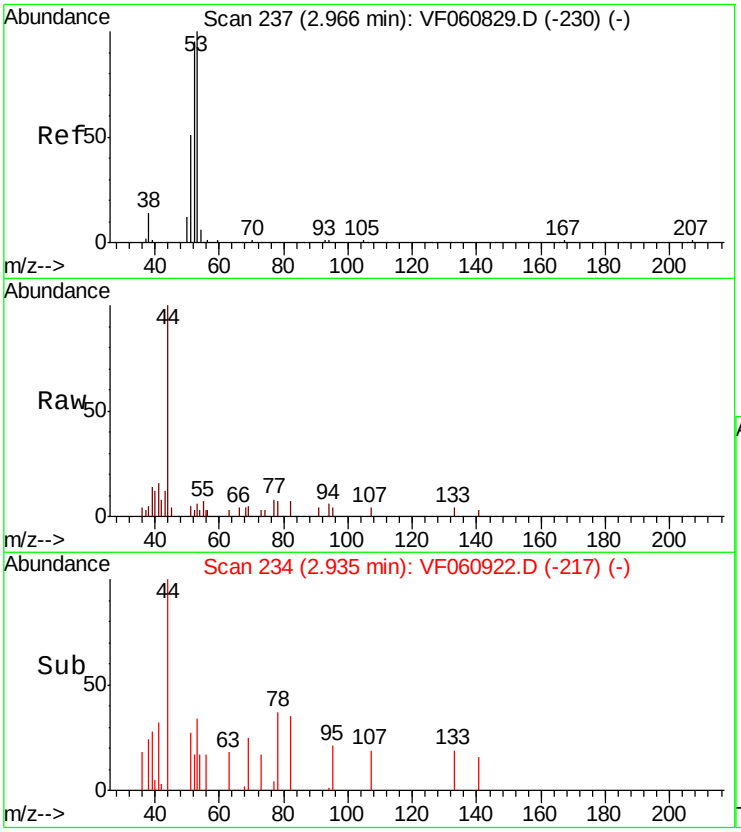


#14
Allyl chloride
Concen: 410.638 ug/l
RT: 2.10 min Scan# 149
Delta R.T. -0.02 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 41 Resp: 308

Ion	Ratio	Lower	Upper
41	100		
39	43.3	91.7	137.5#
76	0.0	23.5	35.3#



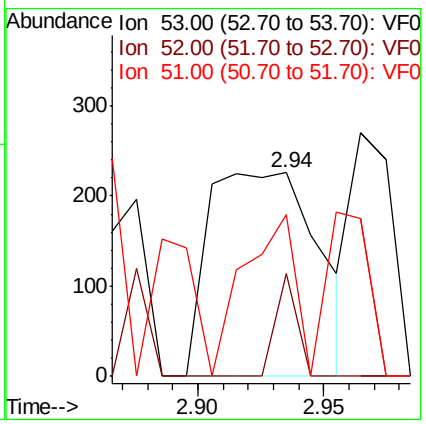


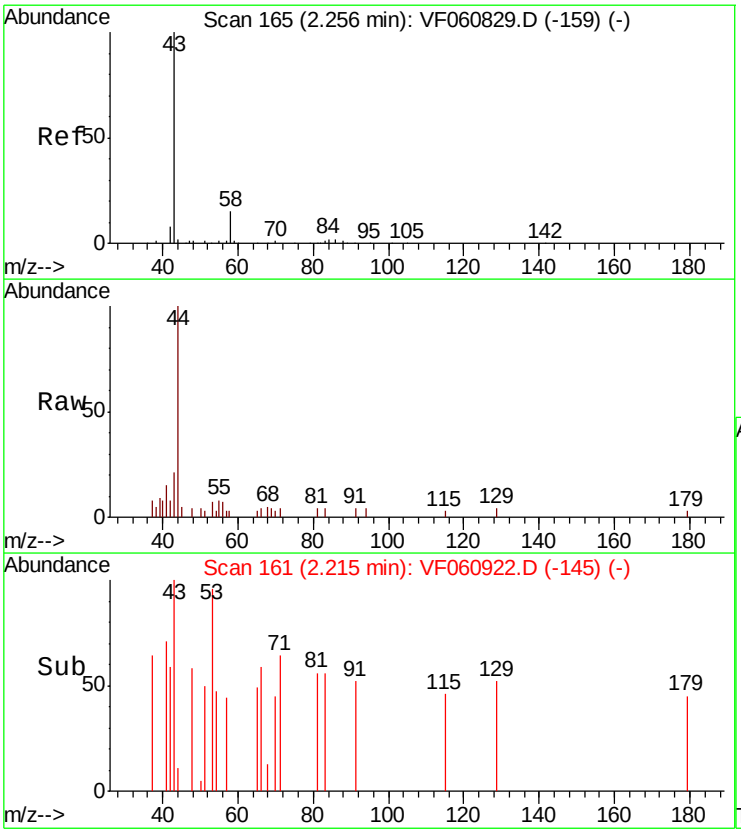
#15
Acrylonitrile
Concen: 8313.062 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.03 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 684

Ion	Ratio	Lower	Upper
53	100		
52	50.4	76.5	114.7#
51	79.6	40.7	61.1#

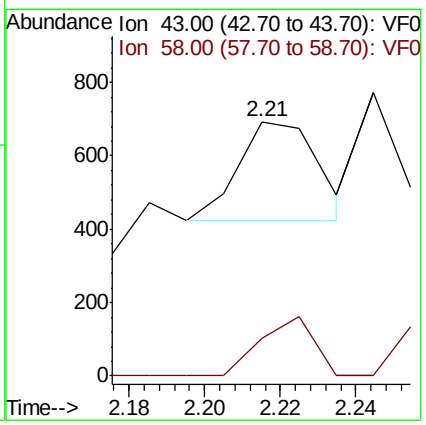


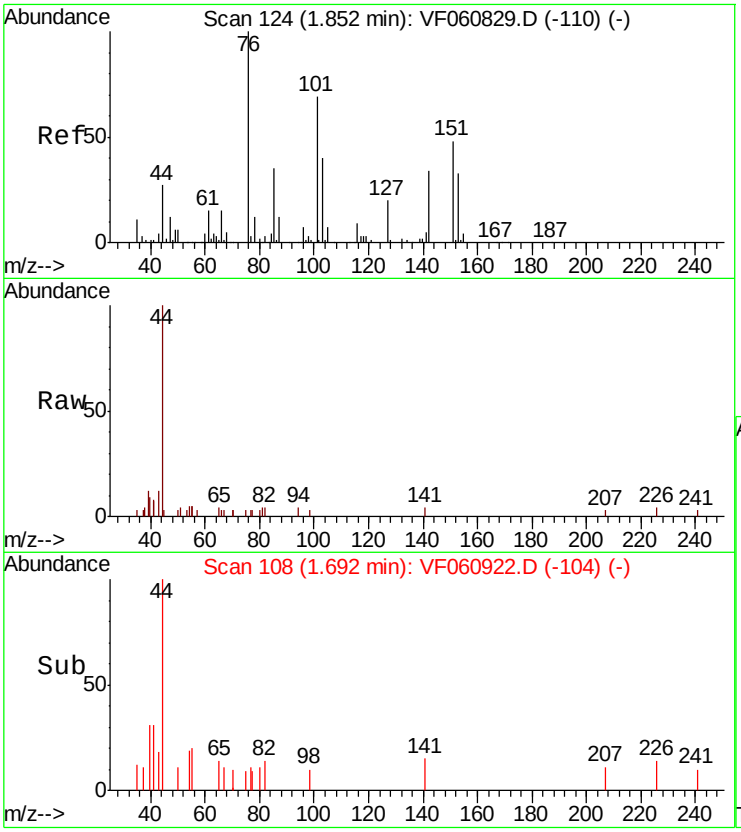


#16
Acetone
Concen: 2380.382 ug/l
RT: 2.21 min Scan# 161
Delta R.T. -0.04 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 43 Resp: 393

Ion	Ratio	Lower	Upper
43	100		
58	14.9	11.4	17.2



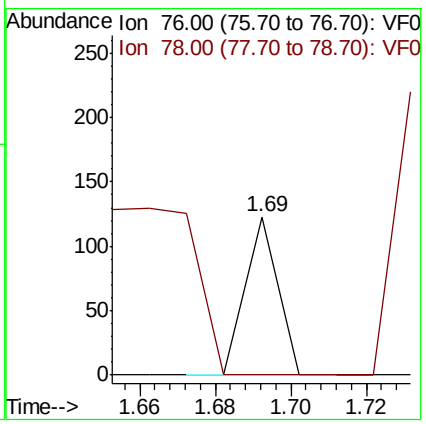


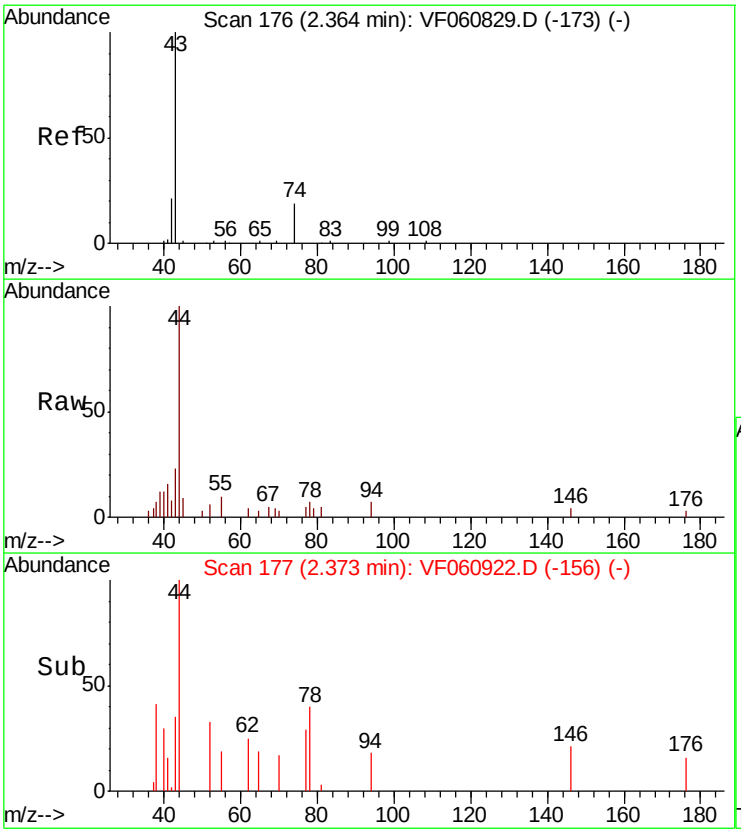
#17
Carbon Disulfide
Concen: 45.243 ug/l
RT: 1.69 min Scan# 108
Delta R.T. -0.16 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 76 Resp: 73

Ion	Ratio	Lower	Upper
76	100		
78	0.0	10.2	15.2#

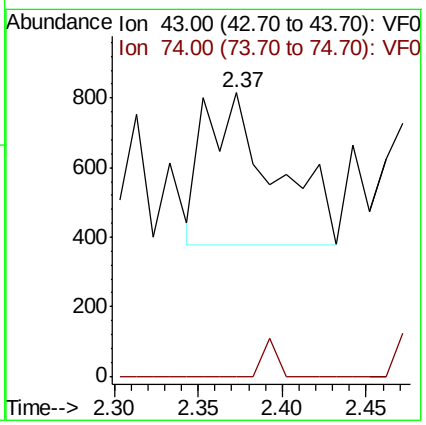


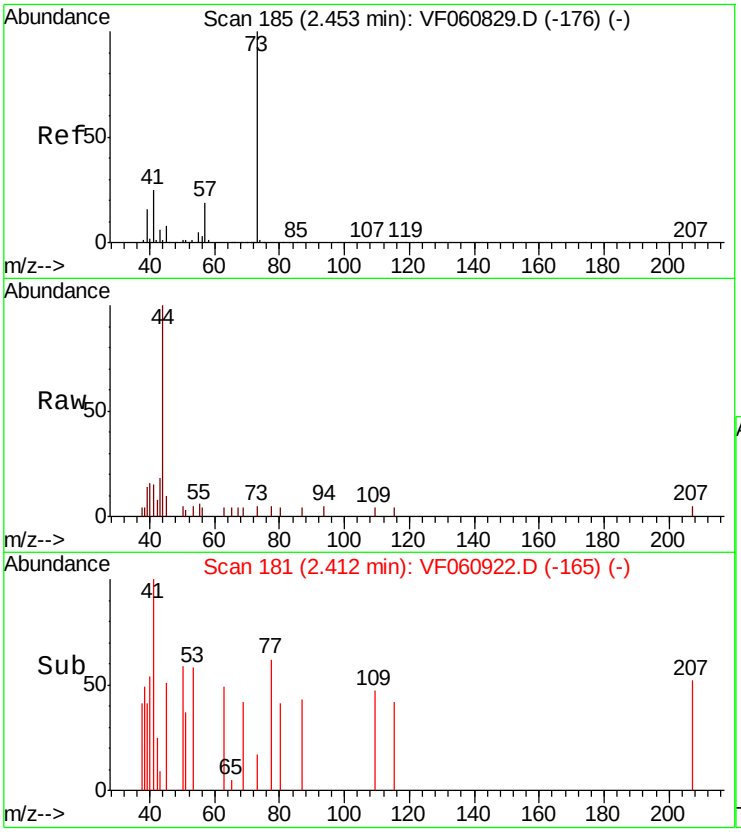


#18
Methyl Acetate
Concen: 4702.634 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 43 Resp: 1260

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#



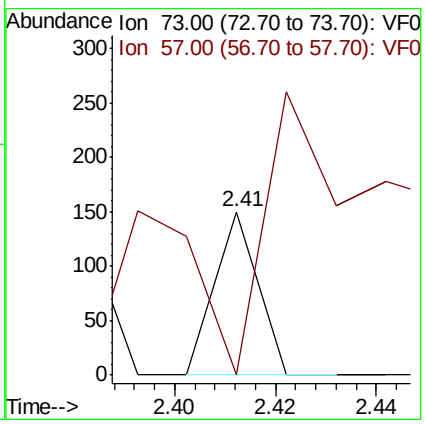


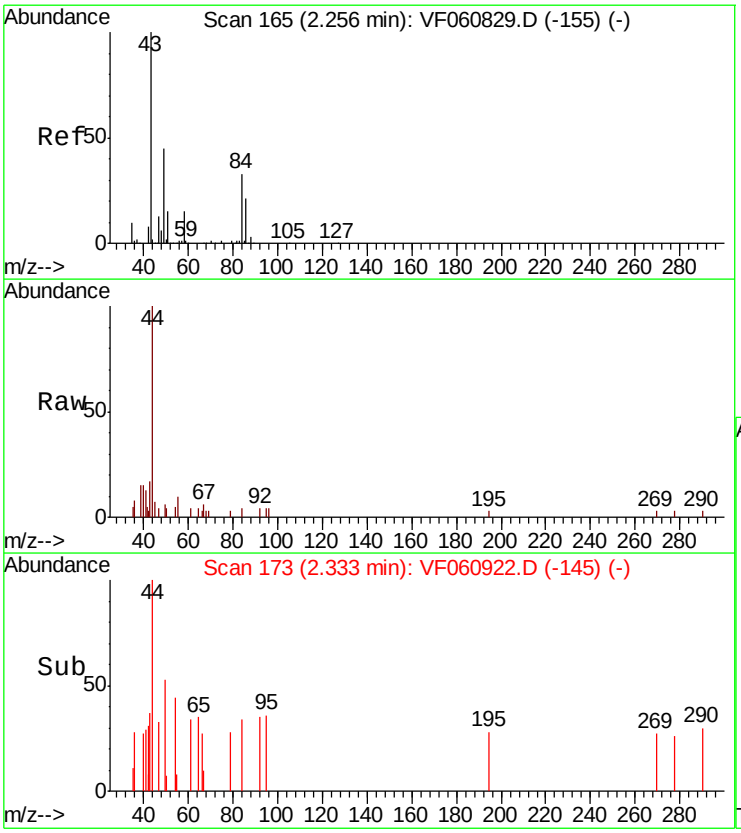
#19
Methyl tert-butyl Ether
Concen: 65.665 ug/l
RT: 2.41 min Scan# 181
Delta R.T. -0.04 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 73 Resp: 89

Ion	Ratio	Lower	Upper
73	100		
57	0.0	15.3	22.9#

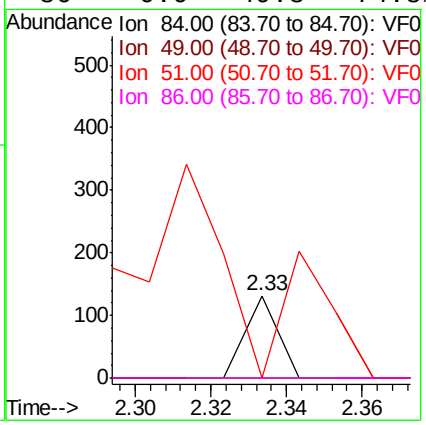


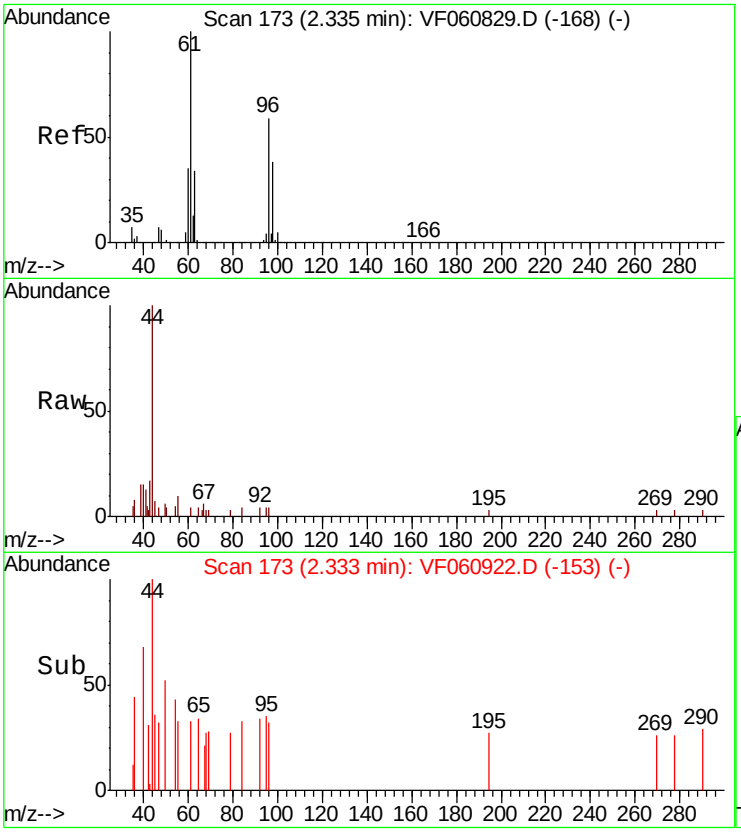


#20
Methylene Chloride
Concen: 128.781 ug/l
RT: 2.33 min Scan# 173
Delta R.T. 0.08 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 84 Resp: 78

Ion	Ratio	Lower	Upper
84	100		
49	0.0	111.3	166.9#
51	0.0	38.0	57.0#
86	0.0	49.8	74.8#



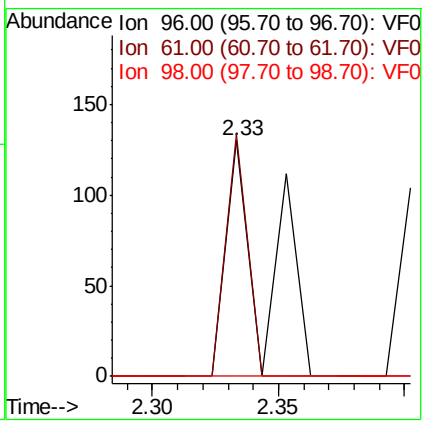


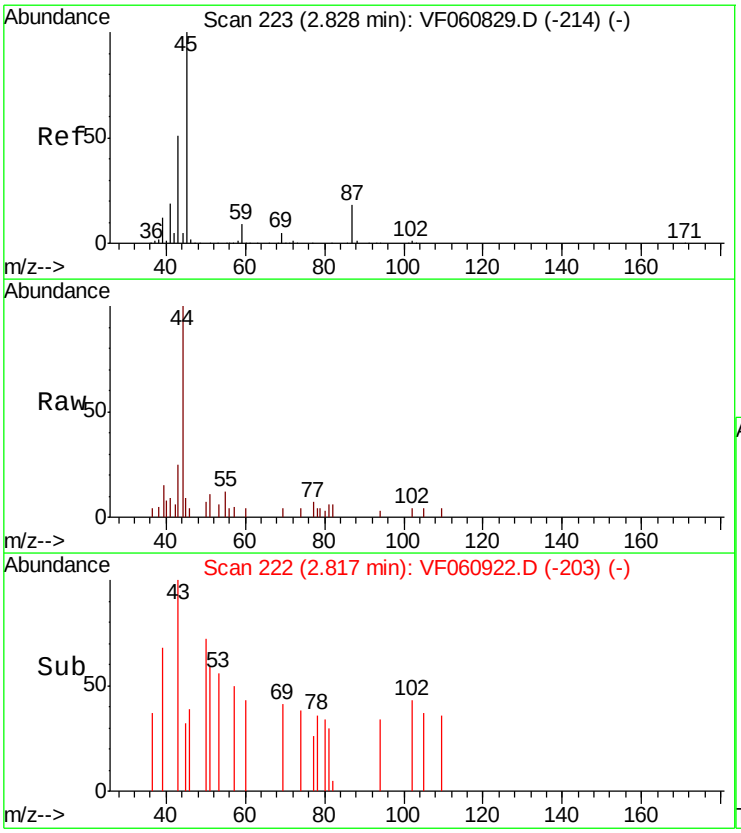
#21
trans-1,2-Dichloroethene
Concen: 246.485 ug/l
RT: 2.33 min Scan# 173
Delta R.T. -0.00 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 96 Resp: 143

Ion	Ratio	Lower	Upper
96	100		
61	103.1	134.5	201.7#
98	0.0	51.6	77.4#

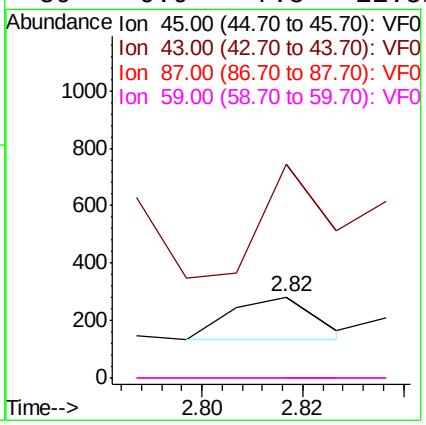


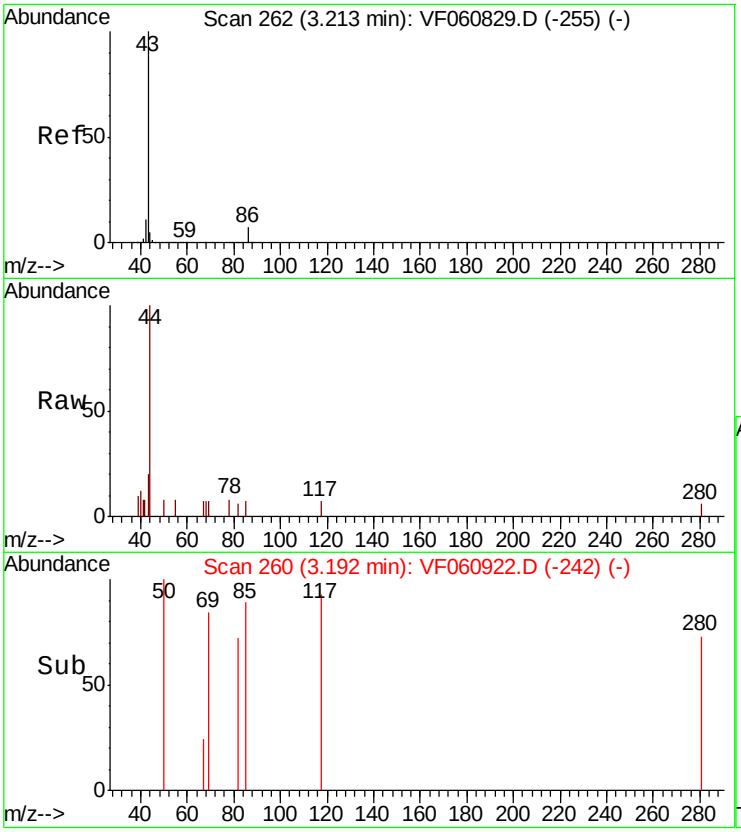


#22
Diisopropyl ether
Concen: 85.225 ug/l
RT: 2.82 min Scan# 222
Delta R.T. -0.01 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 45 Resp: 174

Ion	Ratio	Lower	Upper
45	100		
43	263.8	41.0	61.6#
87	0.0	14.6	22.0#
59	0.0	7.5	11.3#



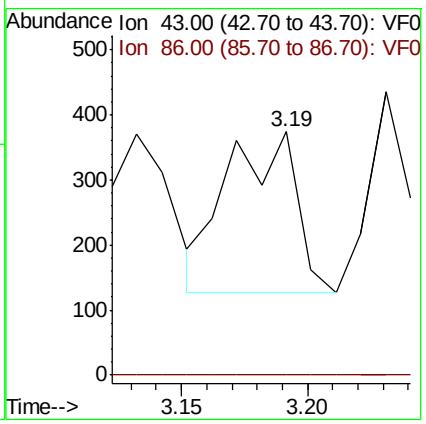


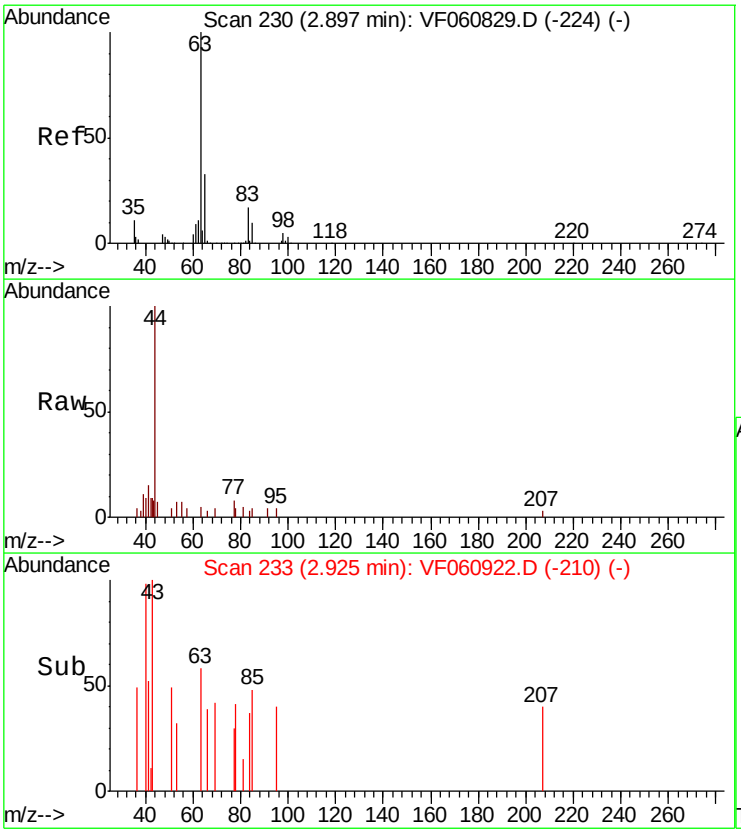
#23
Vinyl Acetate
Concen: 506.827 ug/l
RT: 3.19 min Scan# 260
Delta R.T. -0.02 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 473

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.4	8.0#

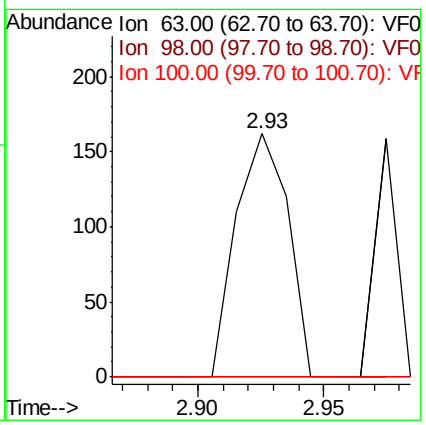


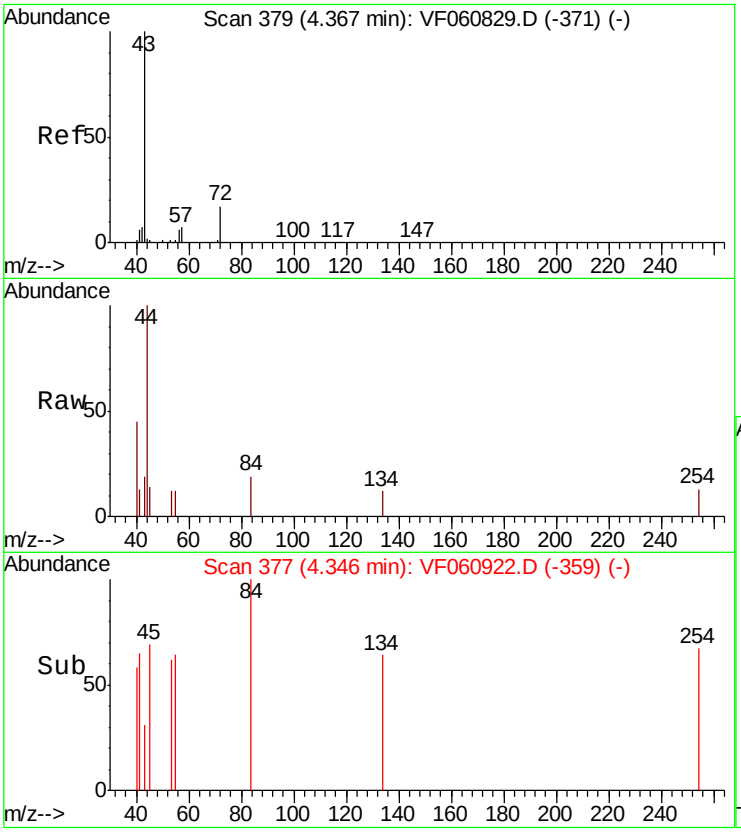


#24
1,1-Dichloroethane
Concen: 190.993 ug/l
RT: 2.93 min Scan# 233
Delta R.T. 0.03 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 63 Resp: 232

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.7	8.1#
100	0.0	1.5	4.5#



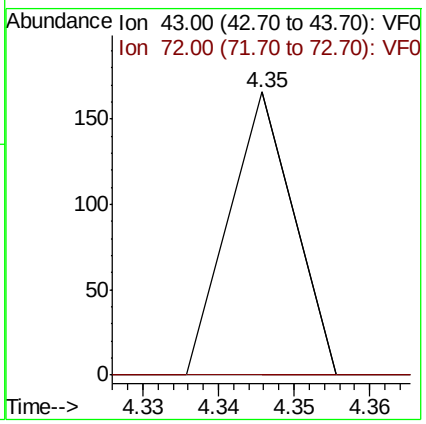


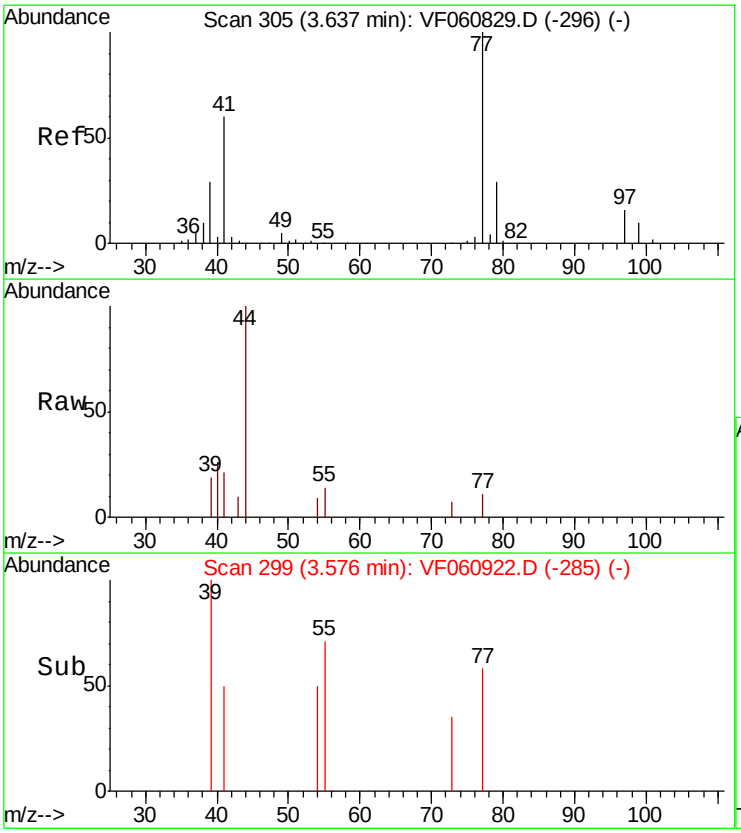
#25
2-Butanone
Concen: 343.180 ug/l
RT: 4.35 min Scan# 377
Delta R.T. -0.02 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 98

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#

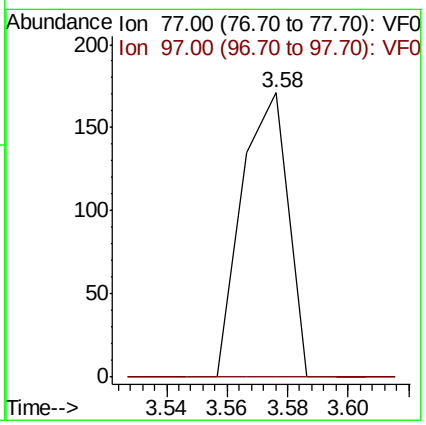


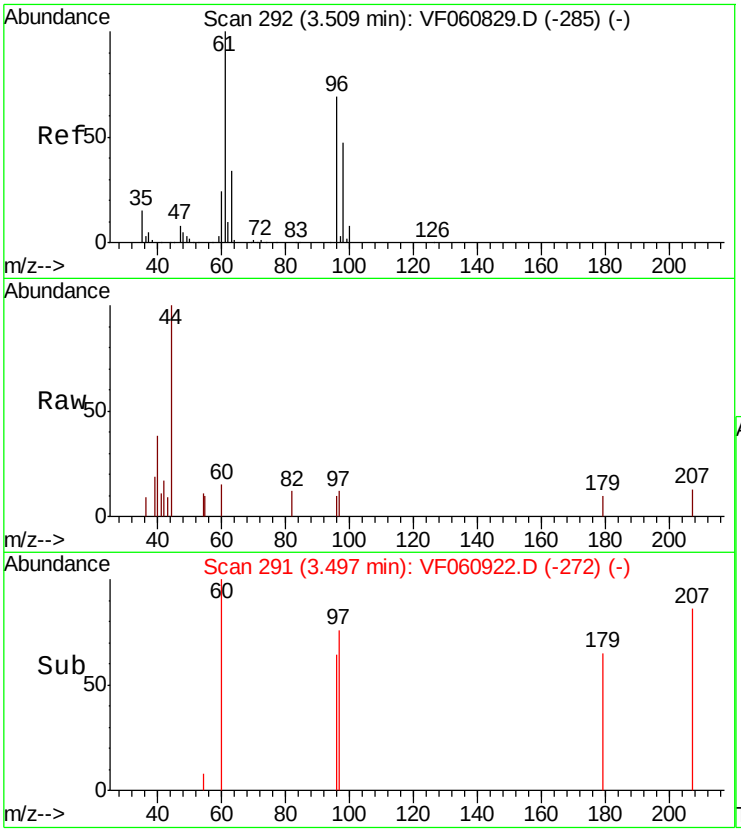


#26
2,2-Dichloropropane
Concen: 229.840 ug/l
RT: 3.58 min Scan# 299
Delta R.T. -0.06 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 77 Resp: 181

Ion	Ratio	Lower	Upper
77	100		
97	0.0	8.6	25.8#



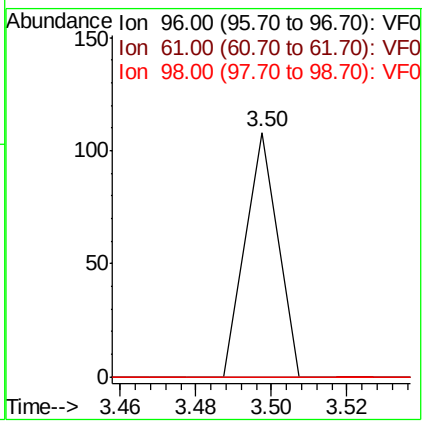


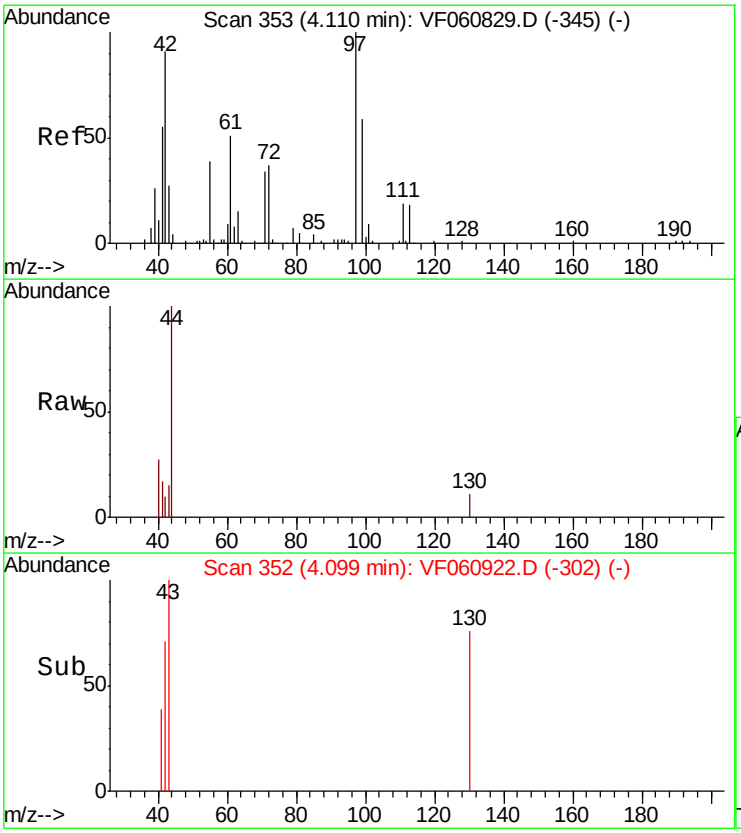
#27
cis-1,2-Dichloroethene
Concen: 67.761 ug/l
RT: 3.50 min Scan# 291
Delta R.T. -0.01 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 96 Resp: 64

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	290.6
98	0.0	0.0	137.8

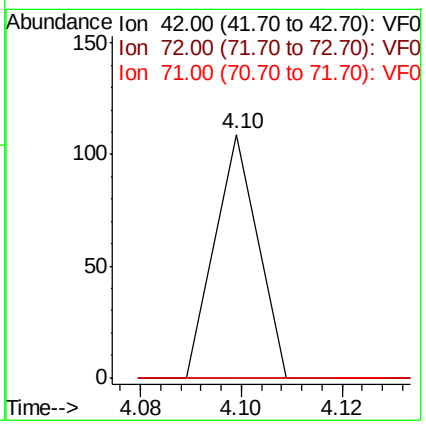


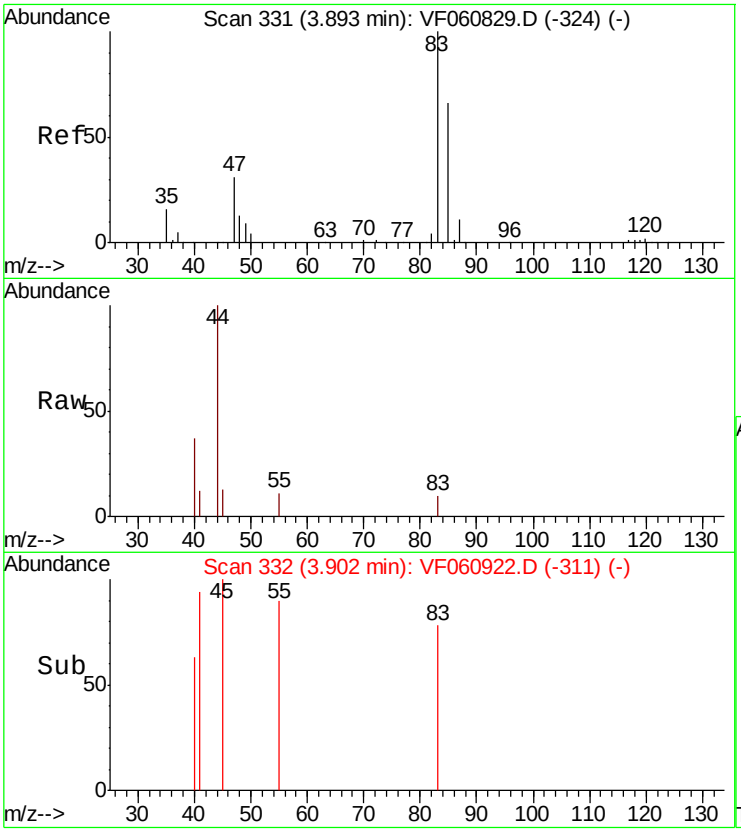


#29
Tetrahydrofuran
Concen: 536.984 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 42 Resp: 65

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	0.0	28.7	43.1#



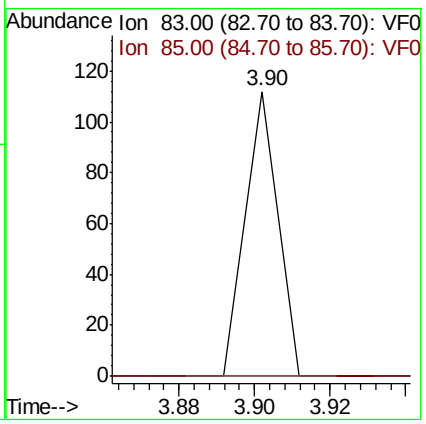


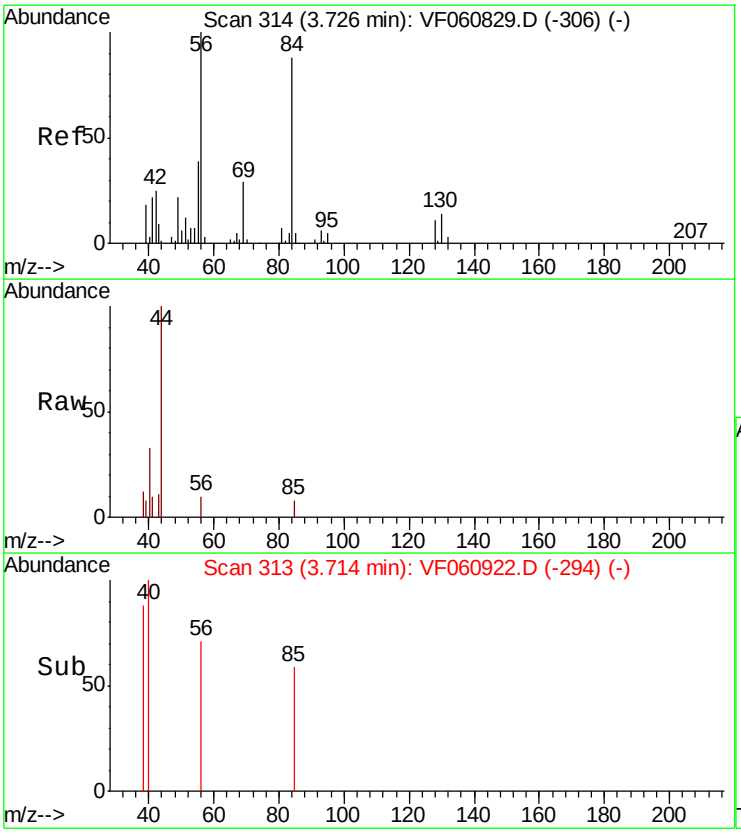
#30
Chloroform
Concen: 35.304 ug/l
RT: 3.90 min Scan# 332
Delta R.T. 0.01 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 66

Ion	Ratio	Lower	Upper
83	100		
85	0.0	53.4	80.2#

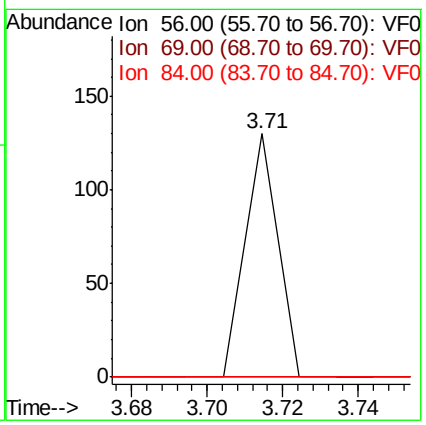


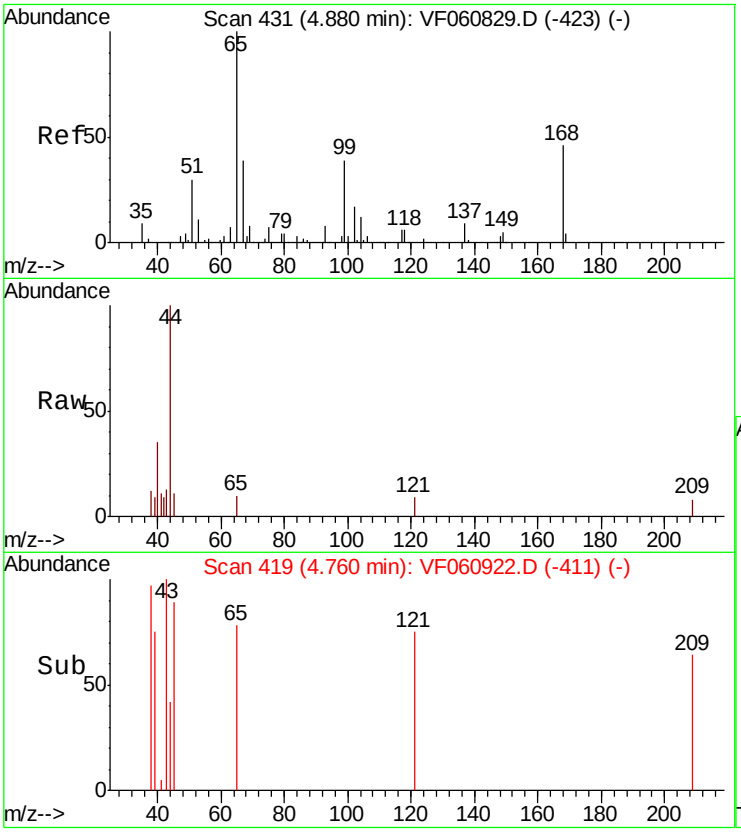


#31
Cyclohexane
Concen: 61.080 ug/l
RT: 3.71 min Scan# 313
Delta R.T. -0.01 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 56 Resp: 77

Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.0	34.4#
84	83.8	70.4	105.6



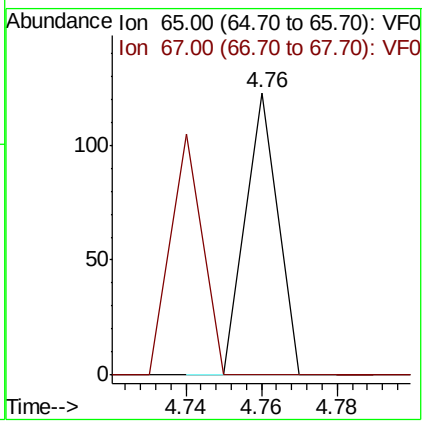


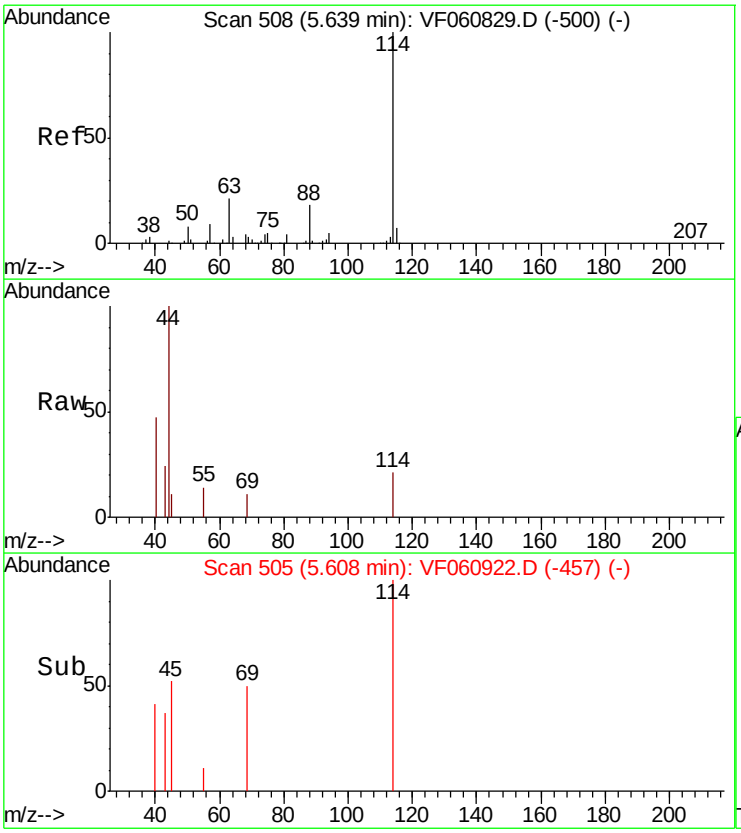
#33
1,2-Dichloroethane-d4
Concen: 81.536 ug/l
RT: 4.76 min Scan# 419
Delta R.T. -0.12 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 73

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	96.4

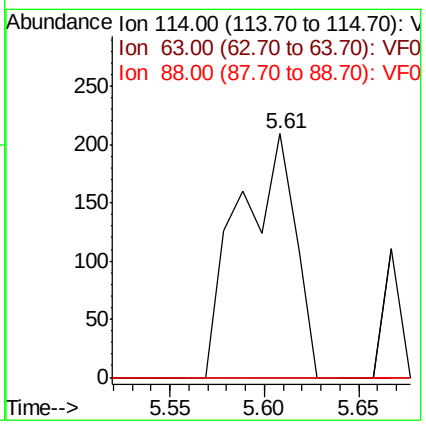


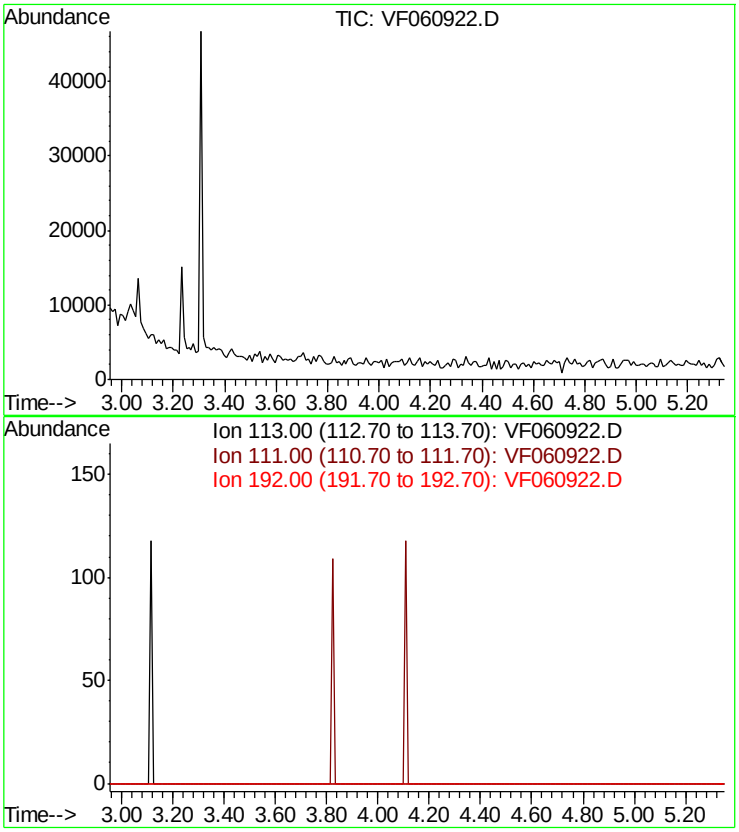


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.03 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion:114 Resp: 431

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	41.6
88	0.0	0.0	36.6





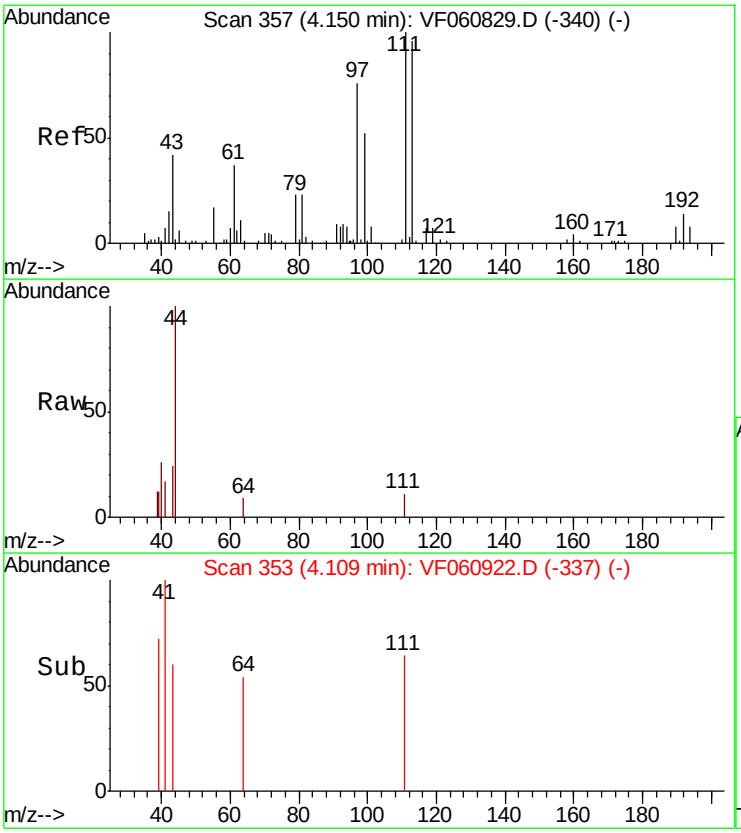
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 4.15 min

Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	103.8
192	15.4

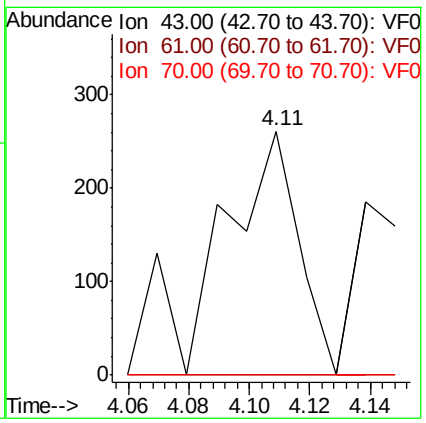
Instrument :
MSVOA_F
ClientSampleId :

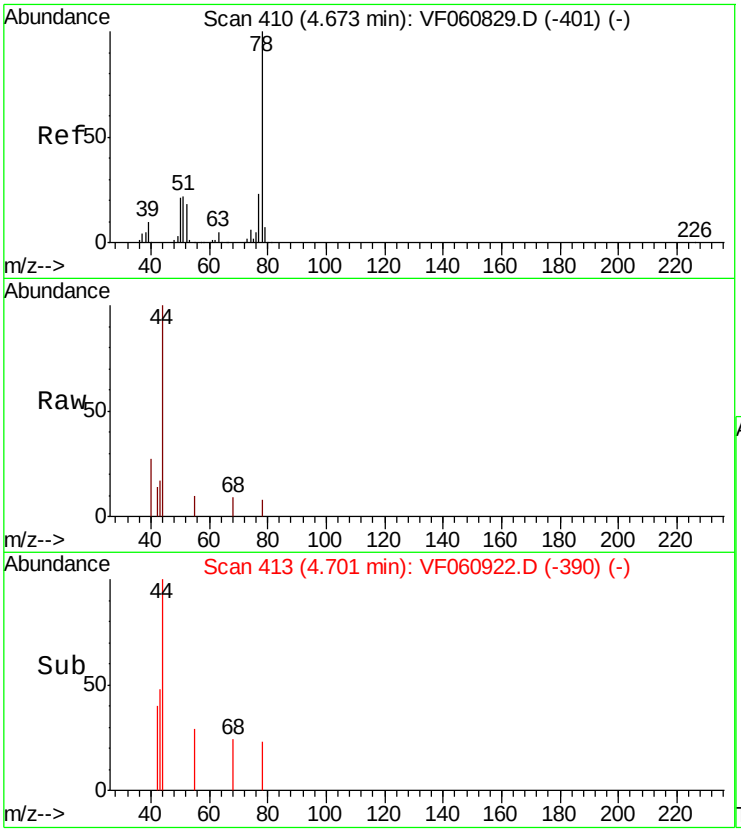


#37
Ethyl Acetate
Concen: 214.138 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 43 Resp: 416

Ion	Ratio	Lower	Upper
43	100		
61	0.0	68.6	103.0#
70	0.0	9.0	13.4#



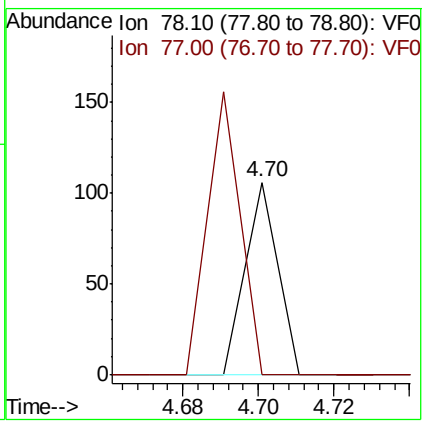


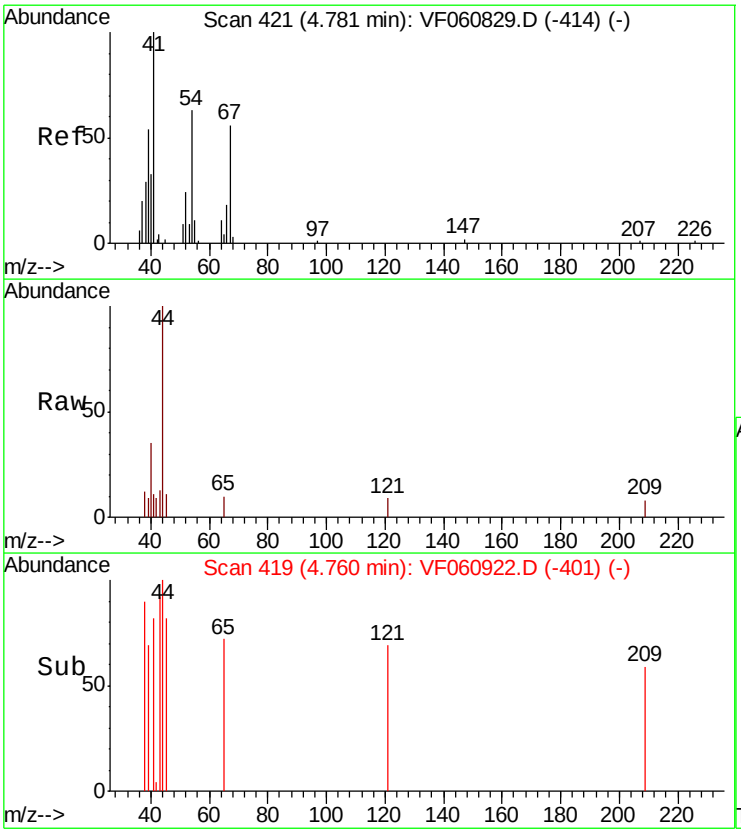
#40
Benzene
Concen: 5.965 ug/l
RT: 4.70 min Scan# 413
Delta R.T. 0.03 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 78 Resp: 63

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.7	28.1#

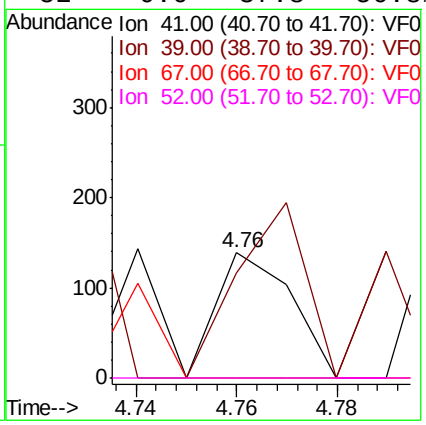


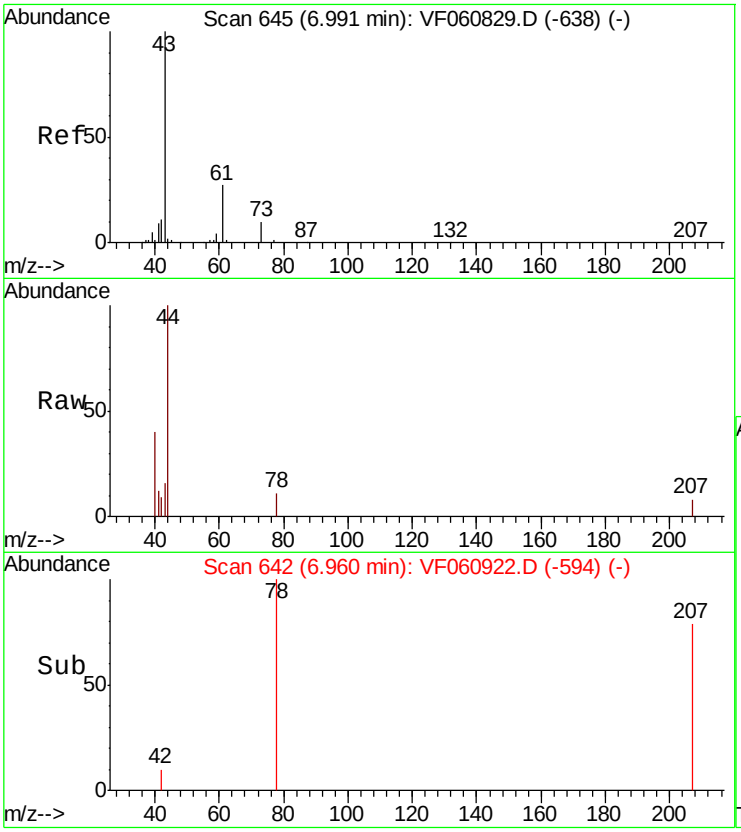


#41
Methacrylonitrile
Concen: 151.003 ug/l
RT: 4.76 min Scan# 419
Delta R.T. -0.02 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 41 Resp: 144

Ion	Ratio	Lower	Upper
41	100		
39	84.2	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#



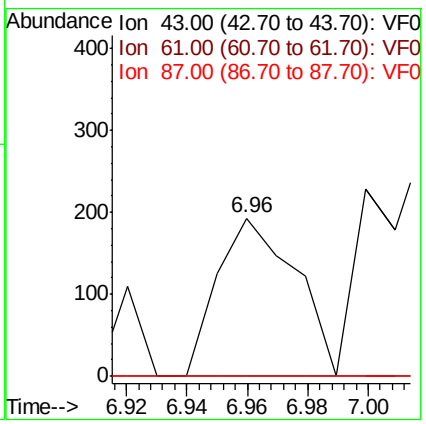


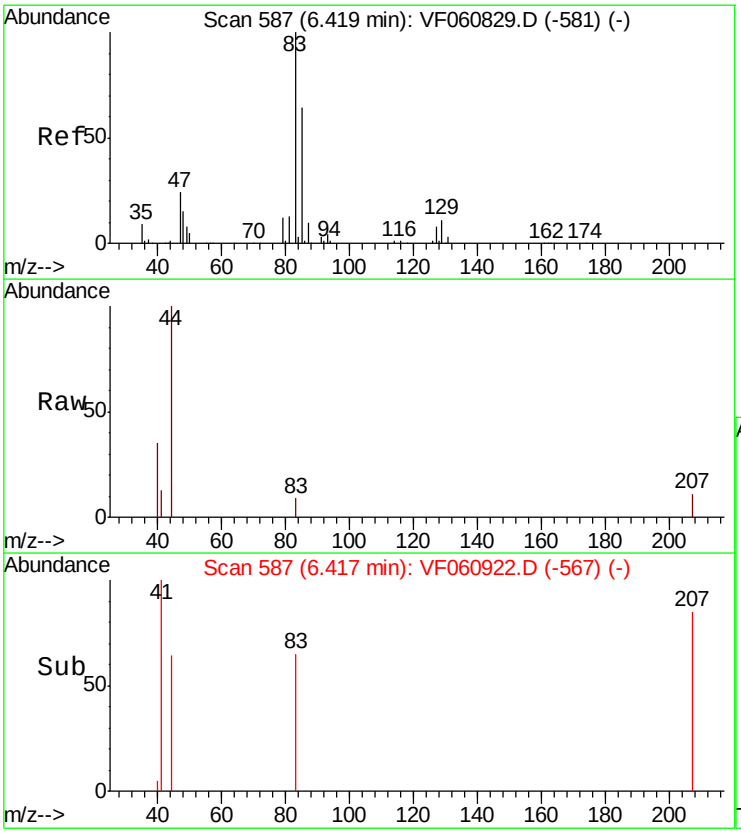
#43
Isopropyl Acetate
Concen: 151.104 ug/l
RT: 6.96 min Scan# 642
Delta R.T. -0.03 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 349

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.4	32.0#
87	0.0	0.2	0.4#

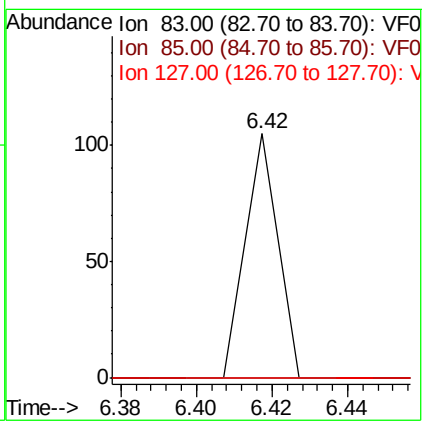


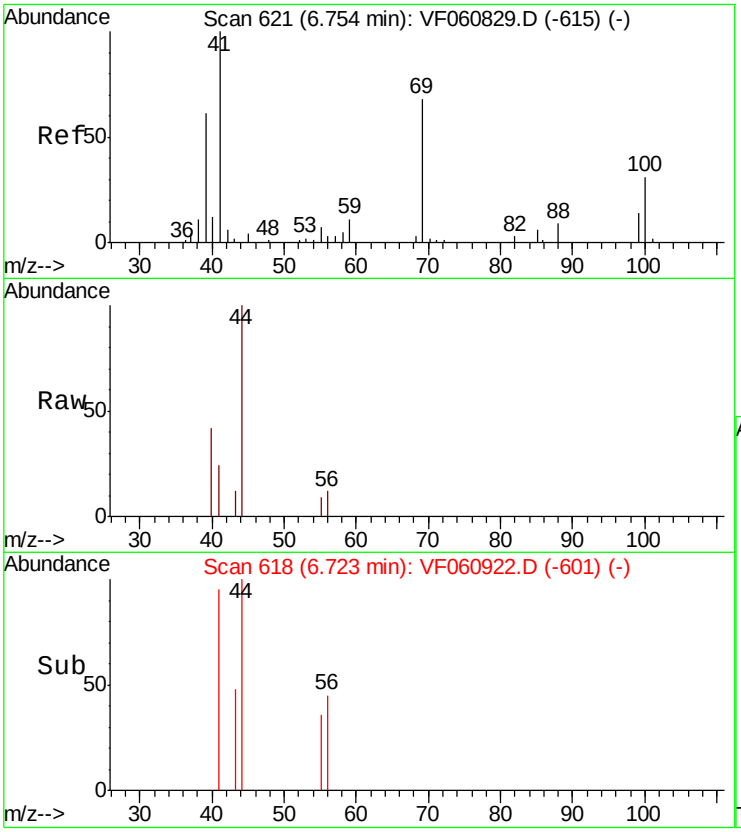


#47
Bromodichloromethane
Concen: 12.546 ug/l
RT: 6.42 min Scan# 587
Delta R.T. -0.00 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 83 Resp: 62

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.1	76.7#
127	0.0	6.8	10.2#



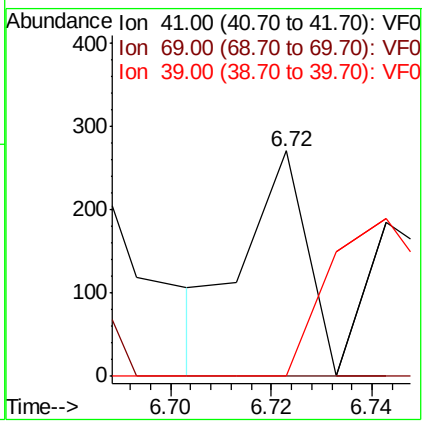


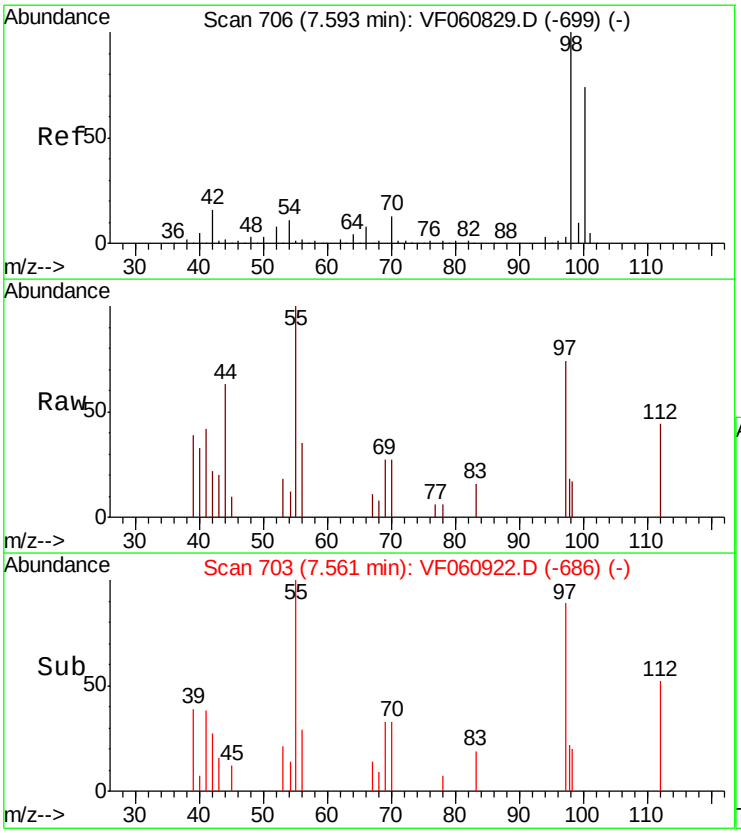
#48
Methyl methacrylate
Concen: 129.090 ug/l
RT: 6.72 min Scan# 618
Delta R.T. -0.03 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 227

Ion	Ratio	Lower	Upper
41	100		
69	0.0	53.9	80.9#
39	0.0	49.0	73.6#

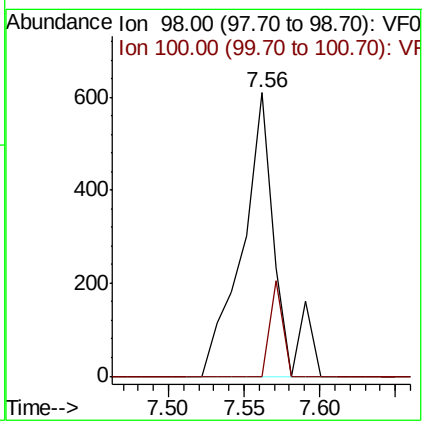


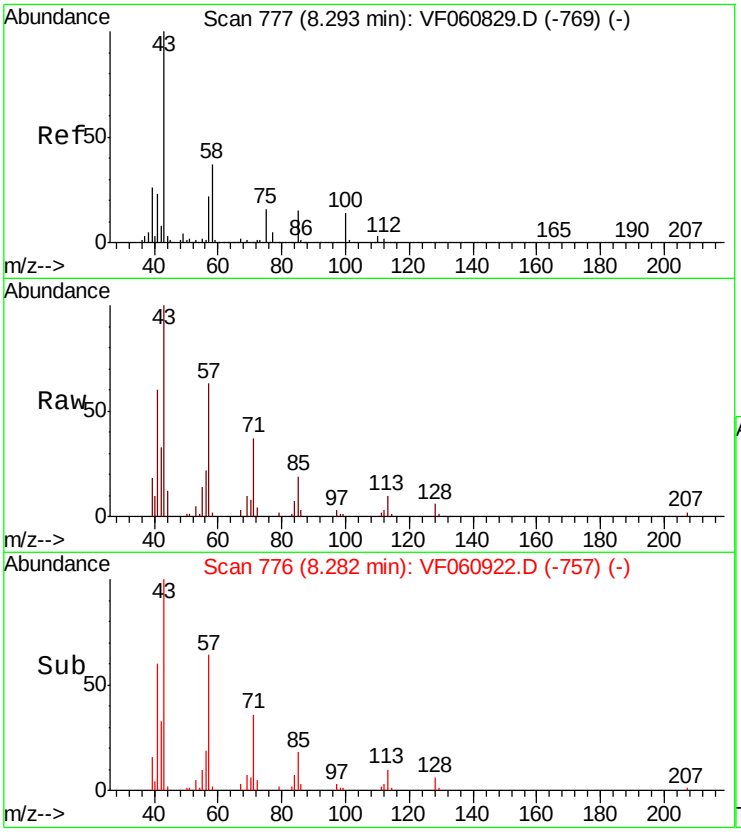


#50
Toluene-d8
Concen: 94.023 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.03 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 98 Resp: 947

Ion	Ratio	Lower	Upper
98	100		
100	0.0	59.3	88.9#



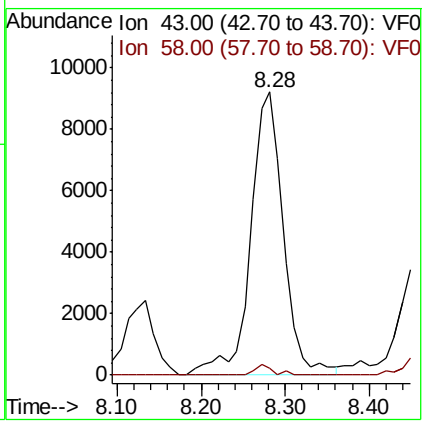


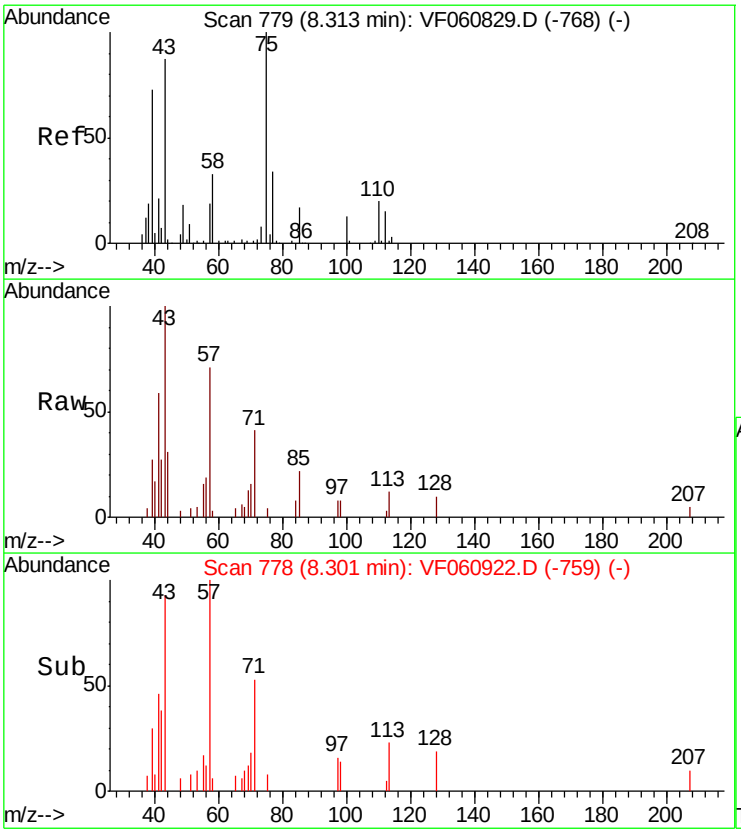
#51
4-Methyl-2-Pentanone
Concen: 14089.111 ug/l
RT: 8.28 min Scan# 776
Delta R.T. -0.01 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 25240

Ion	Ratio	Lower	Upper
43	100		
58	2.3	29.7	44.5#

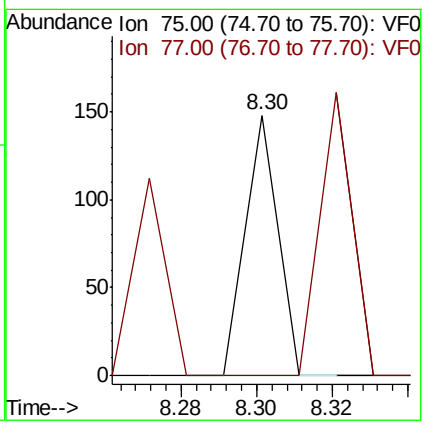


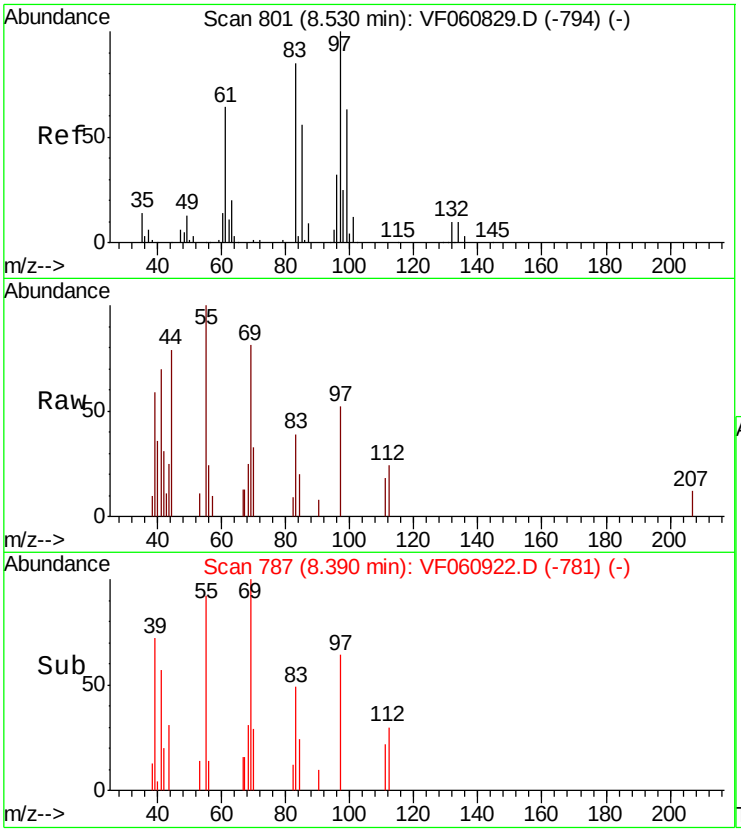


#53
t-1,3-Dichloropropene
Concen: 21.892 ug/l
RT: 8.30 min Scan# 778
Delta R.T. -0.01 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 75 Resp: 88

Ion	Ratio	Lower	Upper
75	100		
77	0.0	27.4	41.2#



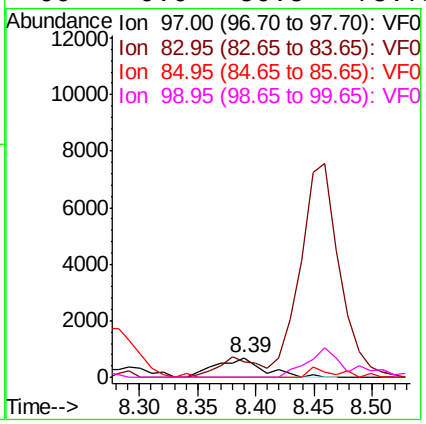


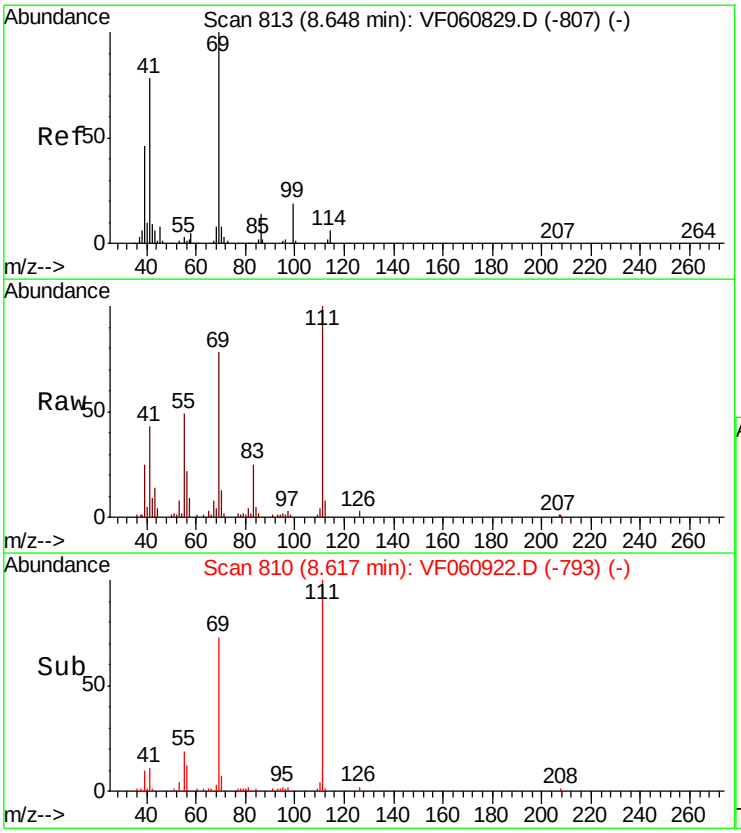
#55
1,1,2-Trichloroethane
Concen: 891.010 ug/l
RT: 8.39 min Scan# 787
Delta R.T. -0.14 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 97 Resp: 1926

Ion	Ratio	Lower	Upper
97	100		
83	75.9	67.8	101.6
85	0.0	45.0	67.6#
99	0.0	50.5	75.7#

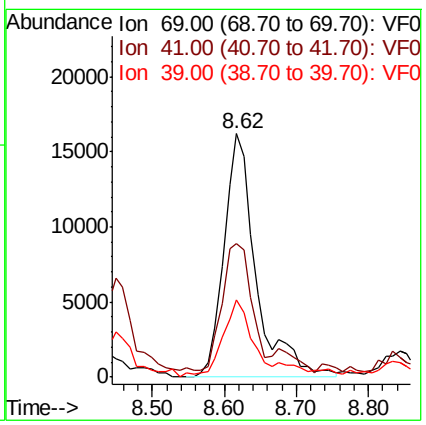


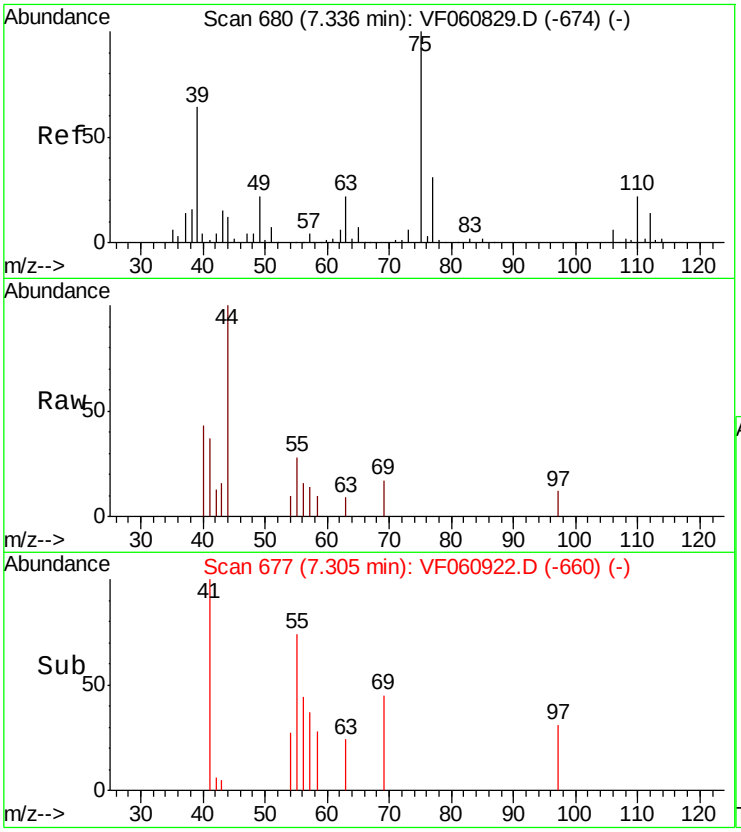


#56
Ethyl methacrylate
Concen: 20934.889 ug/l
RT: 8.62 min Scan# 810
Delta R.T. -0.03 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 69 Resp: 50270

Ion	Ratio	Lower	Upper
69	100		
41	54.8	62.6	94.0#
39	31.5	37.8	56.6#



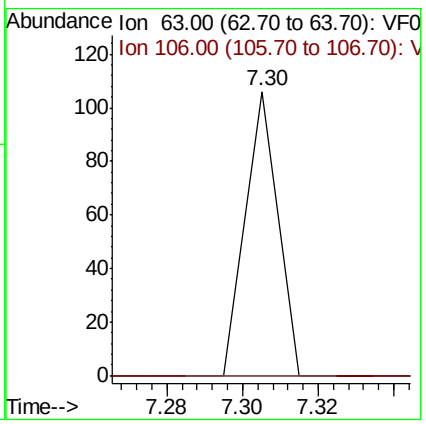


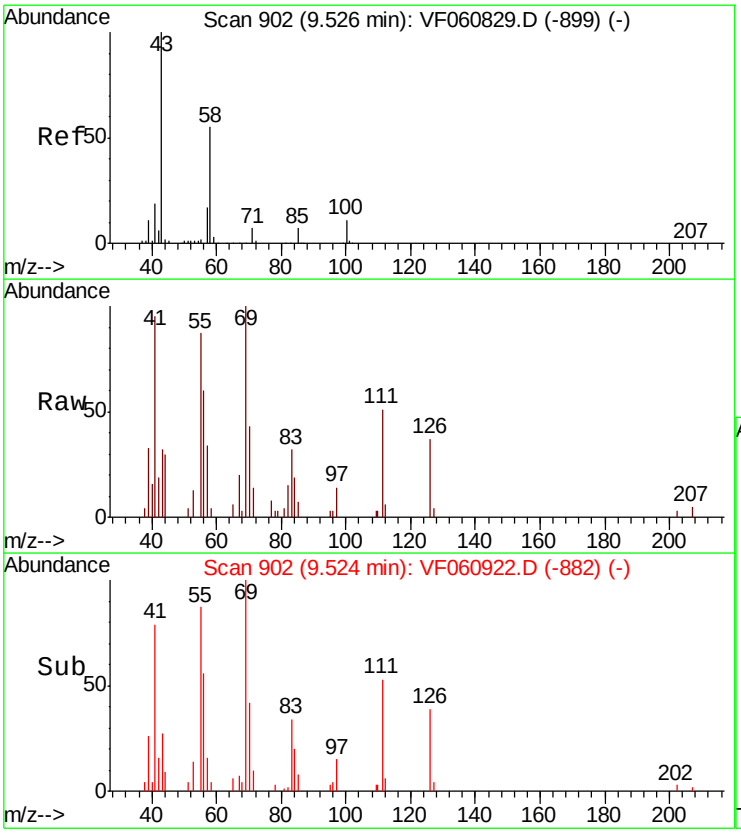
#58
2-Chloroethyl Vinyl ether
Concen: 256.500 ug/l
RT: 7.30 min Scan# 677
Delta R.T. -0.03 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 63 Resp: 63

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.0	34.6#

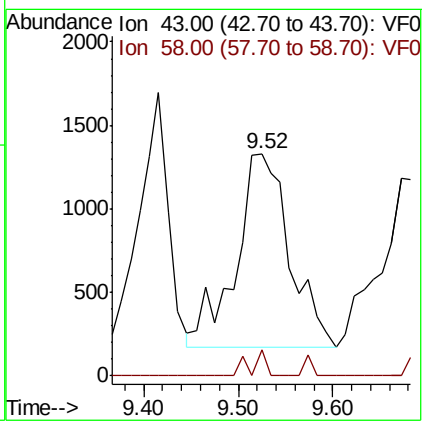


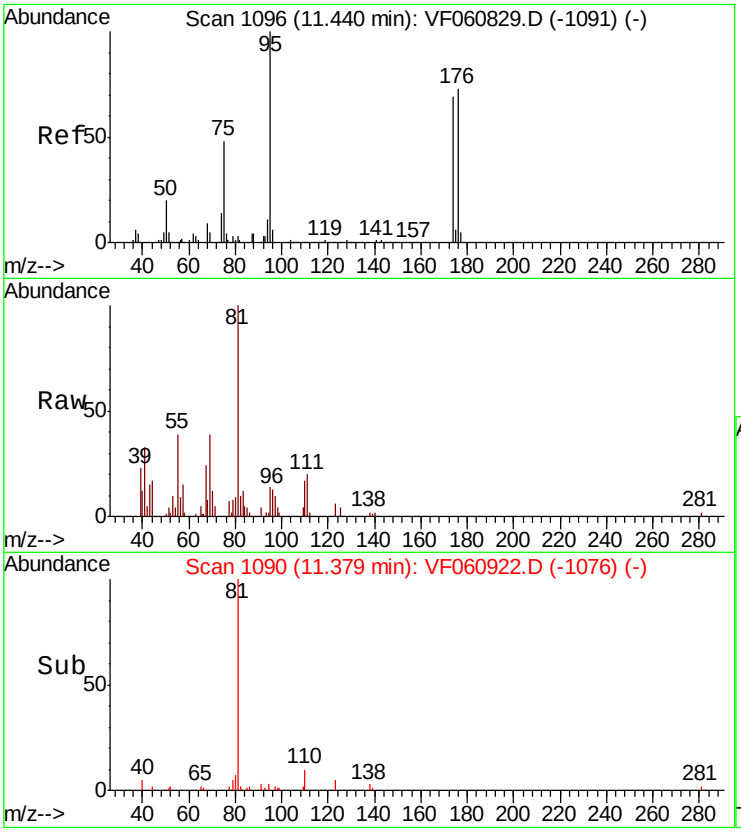


#59
2-Hexanone
Concen: 3644.133 ug/l
RT: 9.52 min Scan# 902
Delta R.T. -0.00 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 43 Resp: 4580

Ion	Ratio	Lower	Upper
43	100		
58	11.5	25.6	76.6#



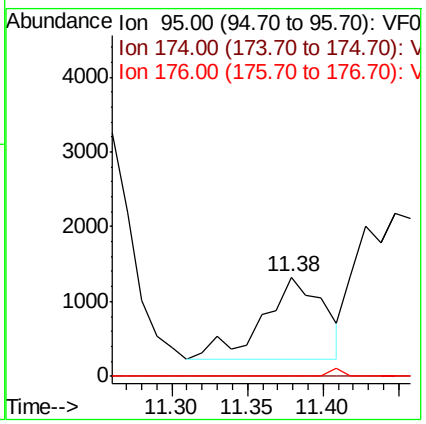


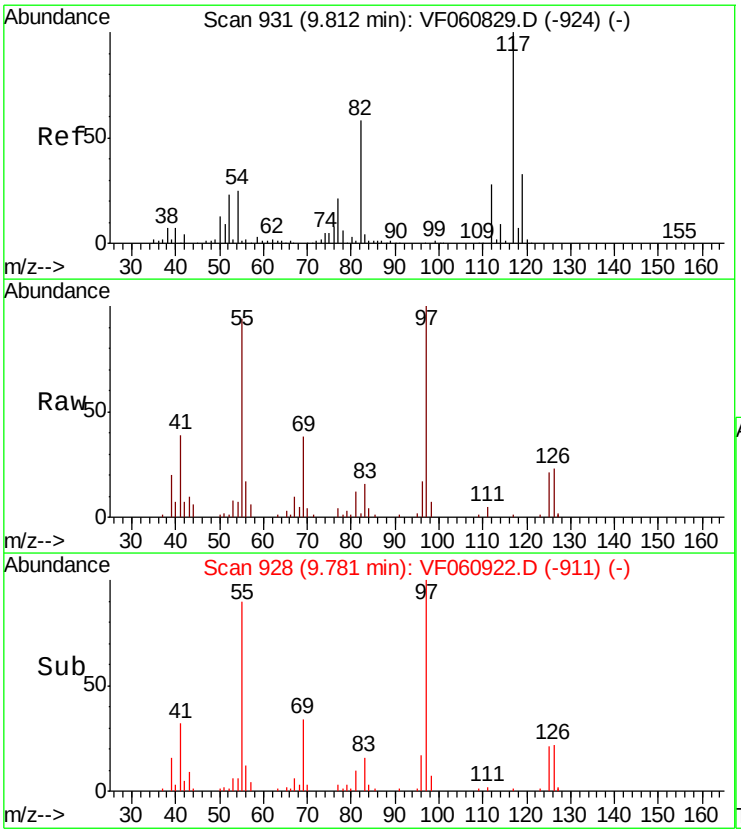
#62
4-Bromofluorobenzene
Concen: 674.808 ug/l
RT: 11.38 min Scan# 1090
Delta R.T. -0.06 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 3089

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	138.2
176	0.0	0.0	146.2

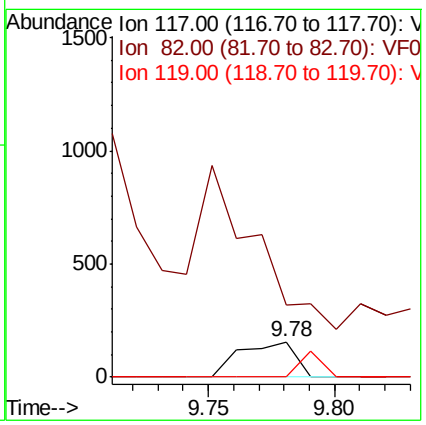


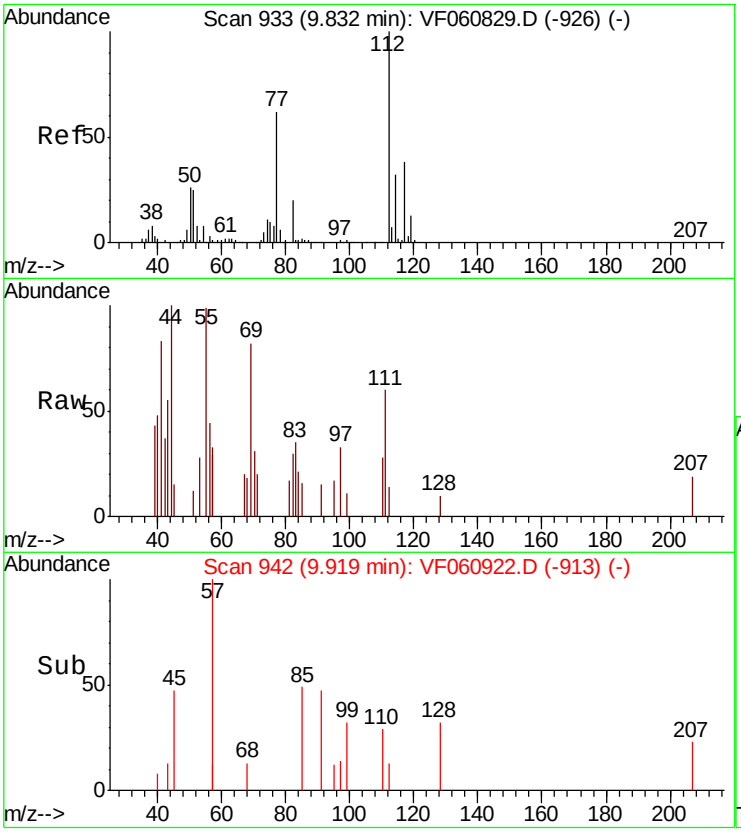


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion:117 Resp: 239

Ion	Ratio	Lower	Upper
117	100		
82	204.5	46.6	69.8#
119	0.0	26.4	39.6#



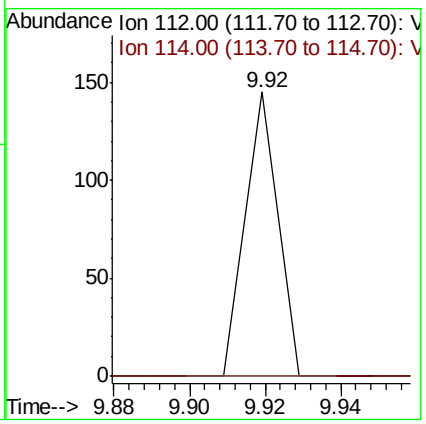


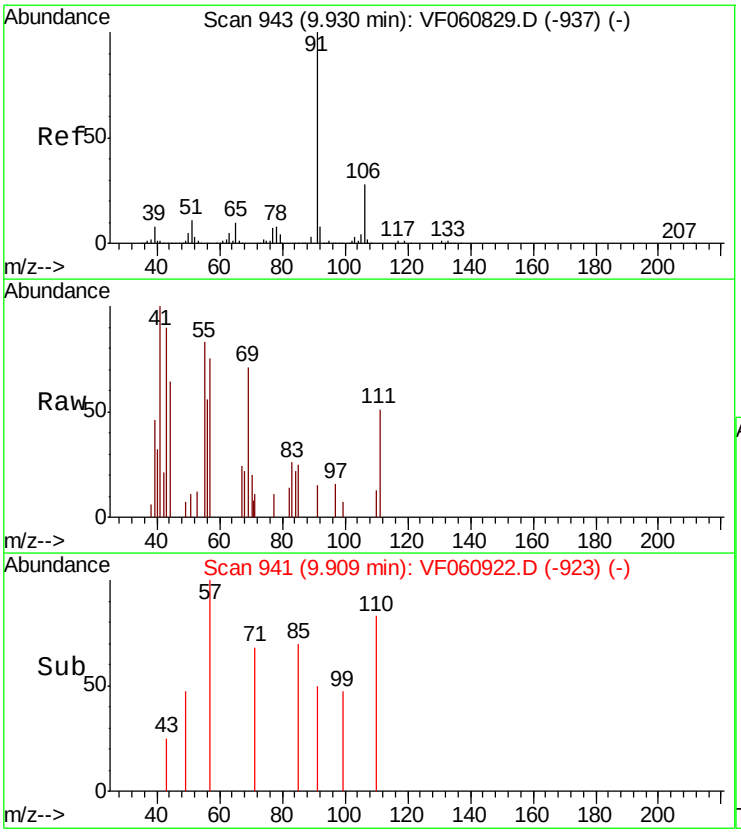
#65
Chlorobenzene
Concen: 18.497 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.09 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:112 Resp: 86

Ion	Ratio	Lower	Upper
112	100		
114	0.0	26.0	39.0#

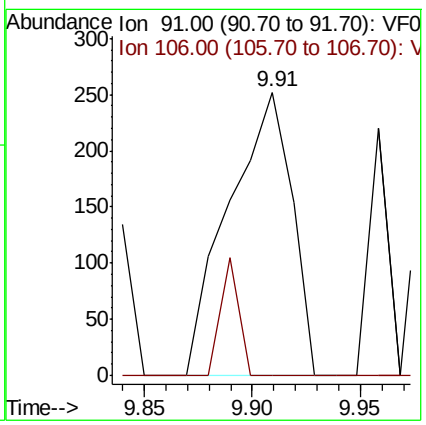


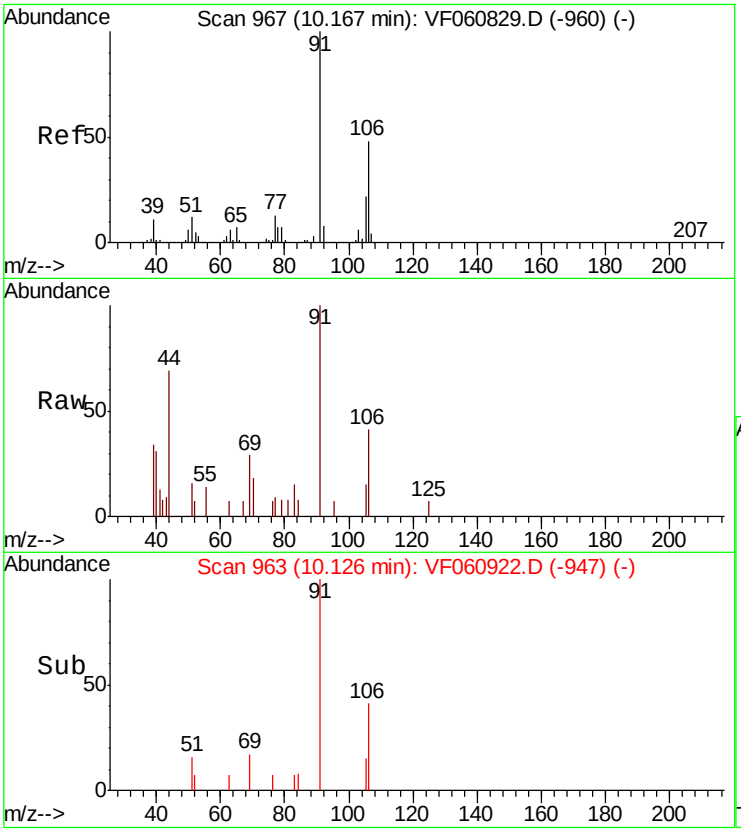


#67
Ethyl Benzene
Concen: 58.688 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.02 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 91 Resp: 508

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.2	33.2#



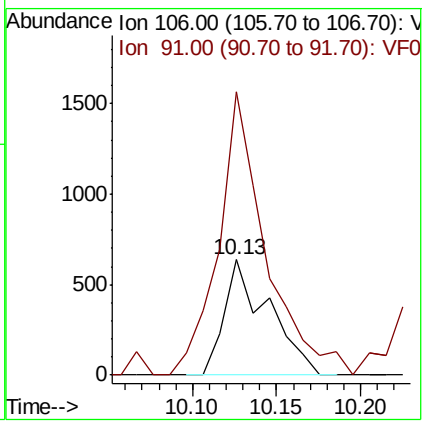


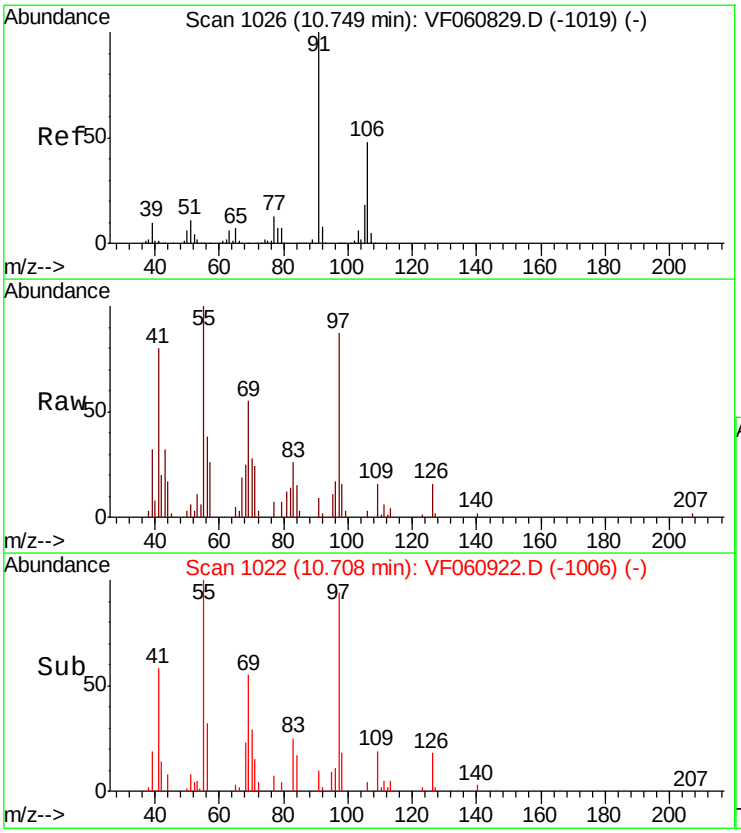
#68
m/p-Xylenes
Concen: 375.500 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.04 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 1169

Ion	Ratio	Lower	Upper
106	100		
91	245.5	166.7	250.1

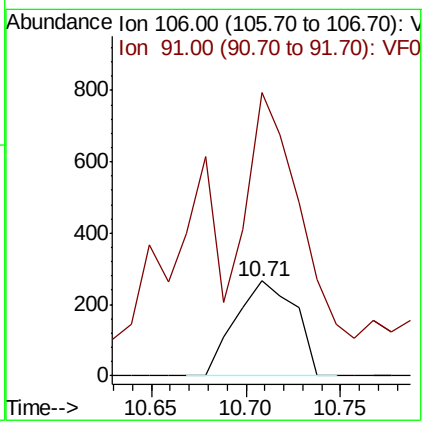


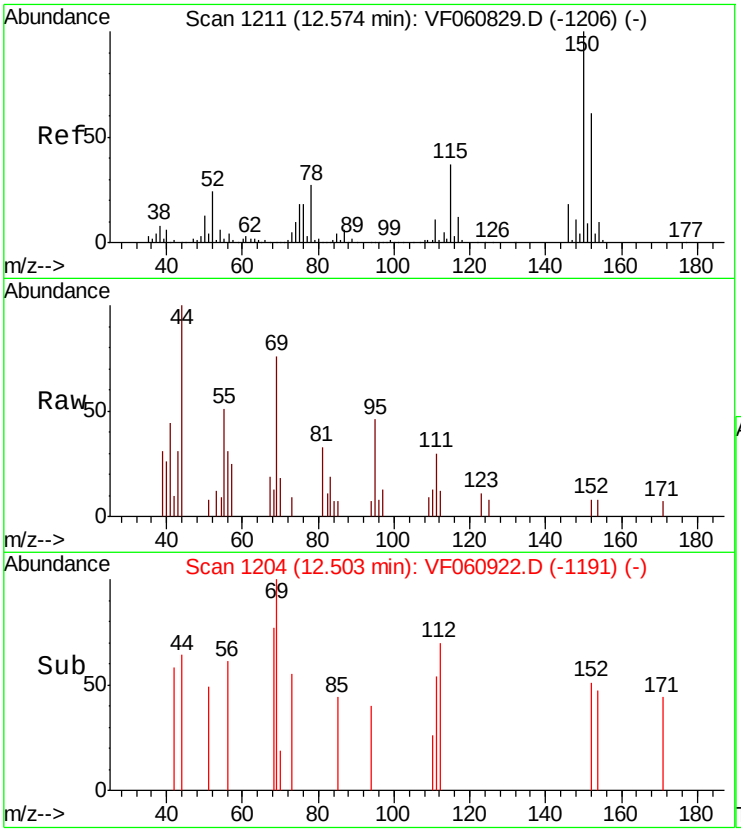


#69
o-Xylene
Concen: 168.369 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. -0.04 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion:106 Resp: 578

Ion	Ratio	Lower	Upper
106	100		
91	298.1	104.8	314.6



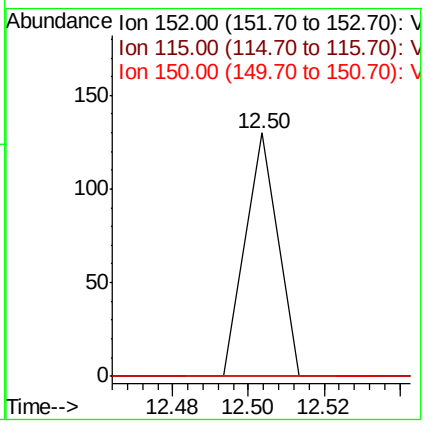


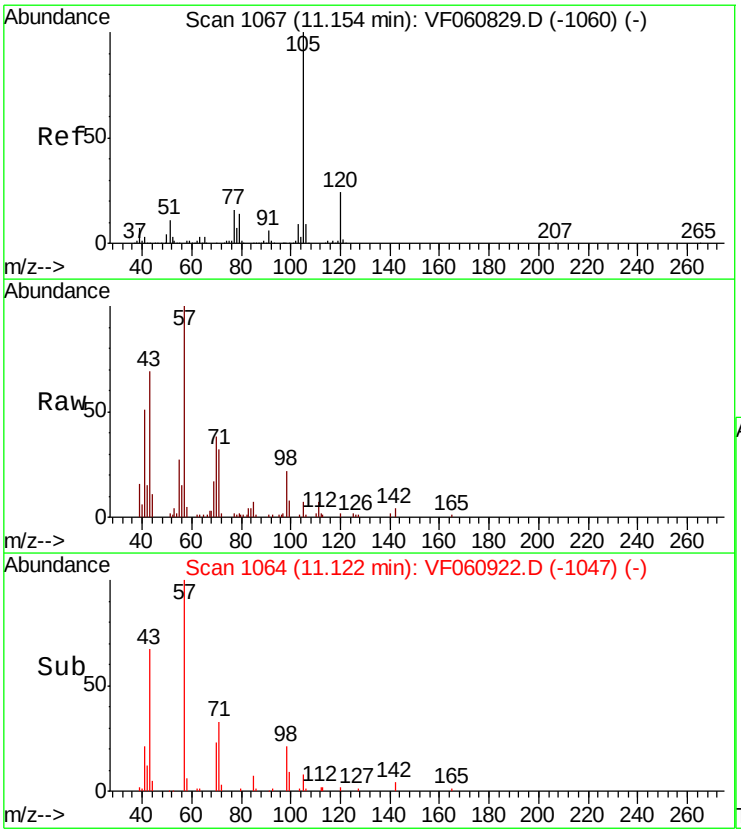
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.50 min Scan# 1204
Delta R.T. -0.07 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 77

Ion	Ratio	Lower	Upper
152	100		
115	0.0	30.1	90.5#
150	0.0	0.0	327.6

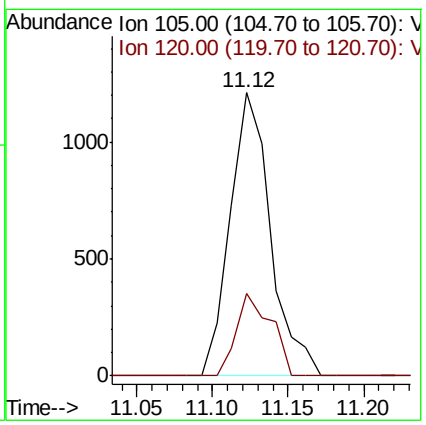


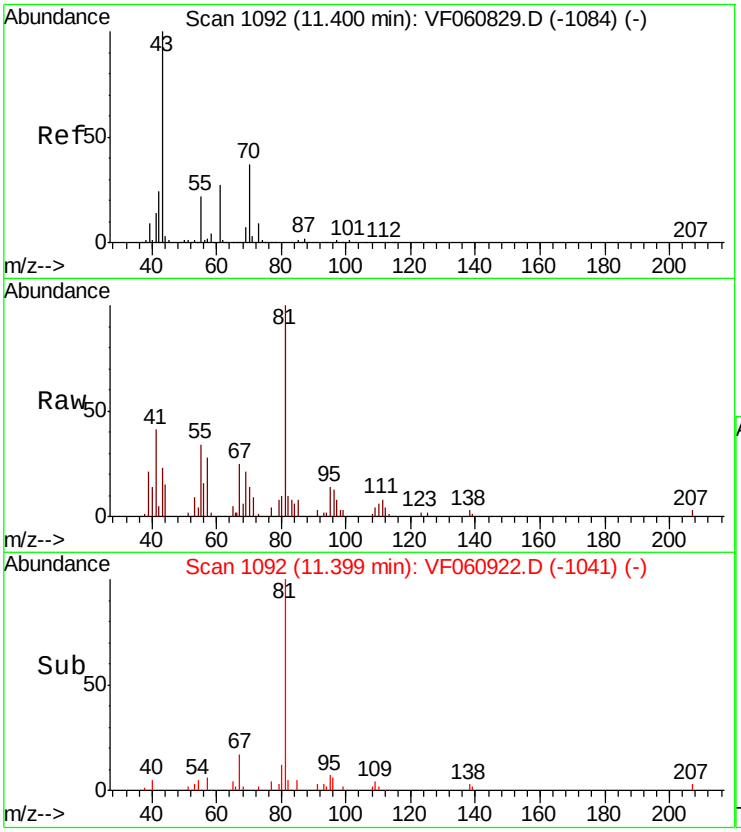


#73
Isopropylbenzene
Concen: 370.750 ug/l
RT: 11.12 min Scan# 1064
Delta R.T. -0.03 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion:105 Resp: 2256

Ion	Ratio	Lower	Upper
105	100		
120	29.1	12.2	36.4



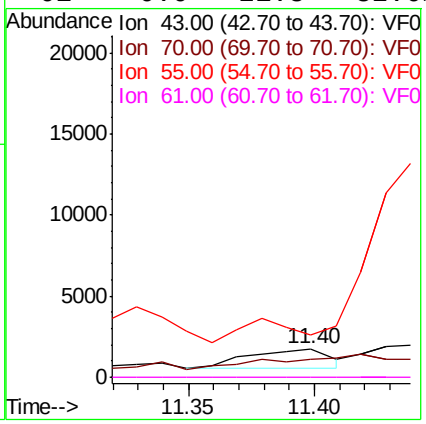


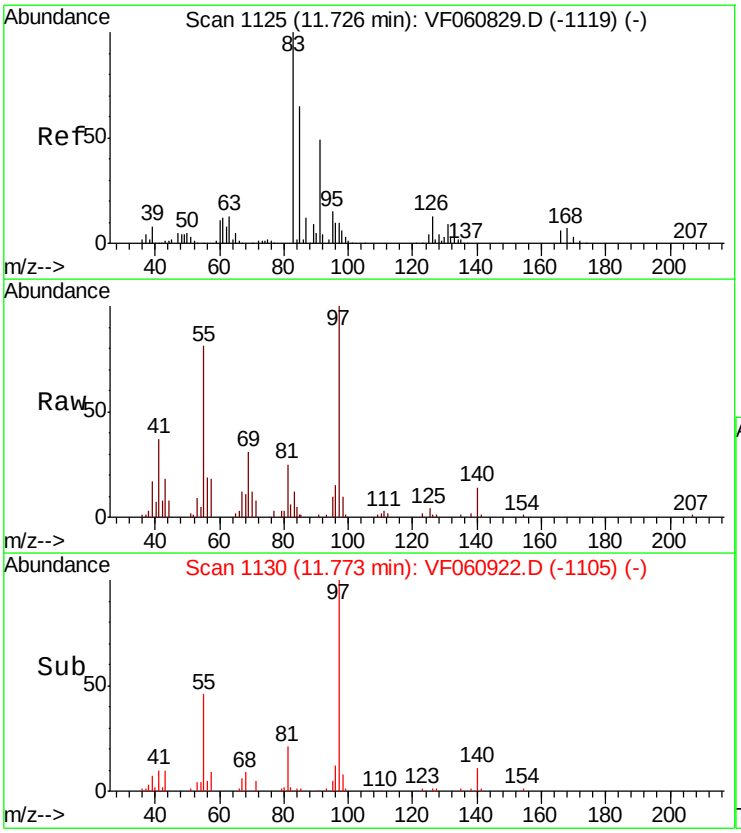
#74
N-amyl acetate
Concen: 1979.921 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2782

Ion	Ratio	Lower	Upper
43	100		
70	63.3	29.6	44.4#
55	149.3	17.2	25.8#
61	0.0	21.8	32.6#

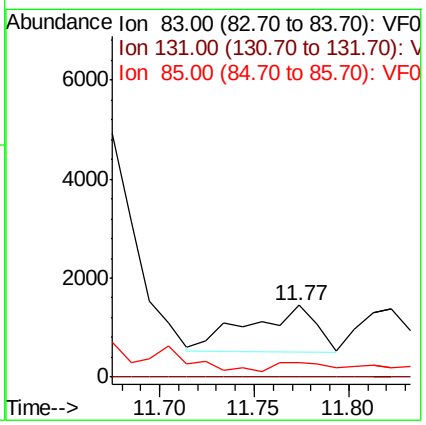


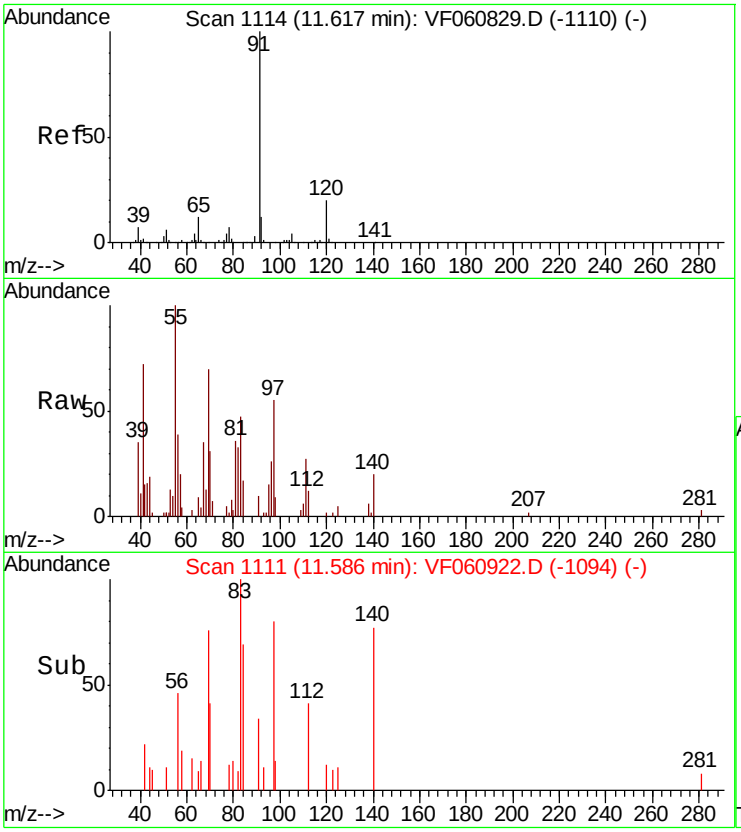


#75
1,1,2,2-Tetrachloroethane
Concen: 2319.633 ug/l
RT: 11.77 min Scan# 1130
Delta R.T. 0.05 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 83 Resp: 2323

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.1#
85	19.3	32.6	97.8#



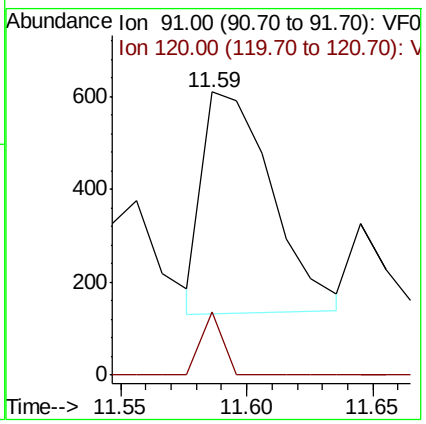


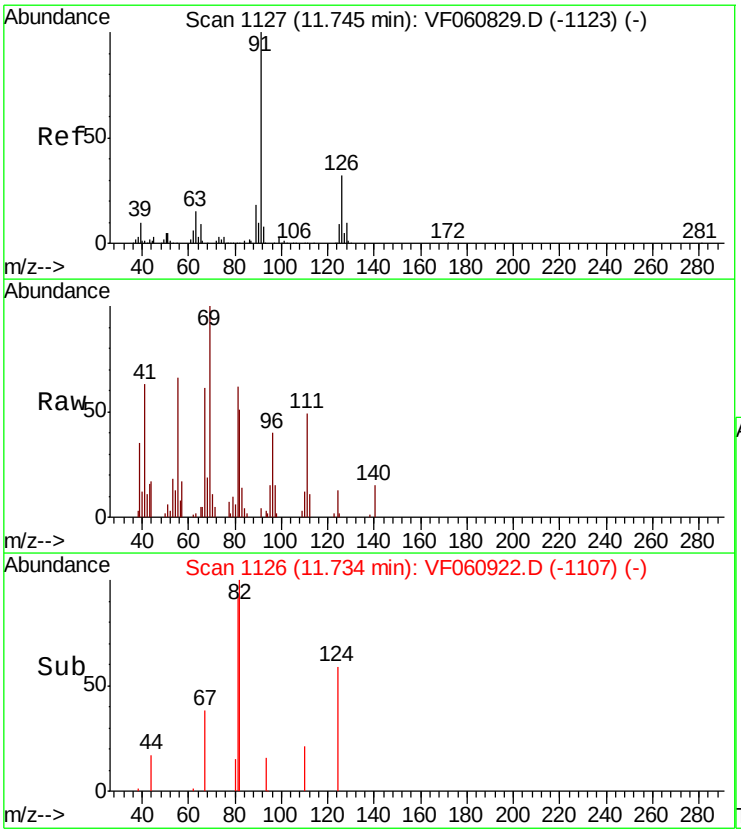
#78
n-propylbenzene
Concen: 128.123 ug/l
RT: 11.59 min Scan# 1111
Delta R.T. -0.03 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 913

Ion	Ratio	Lower	Upper
91	100		
120	22.5	10.3	30.8

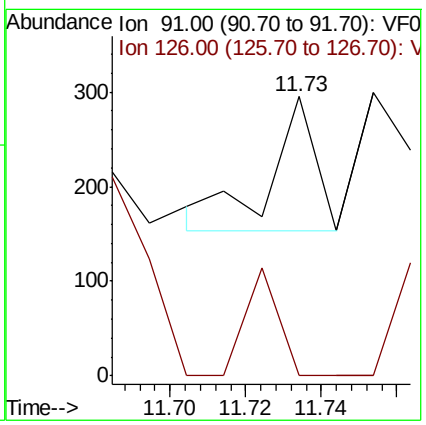


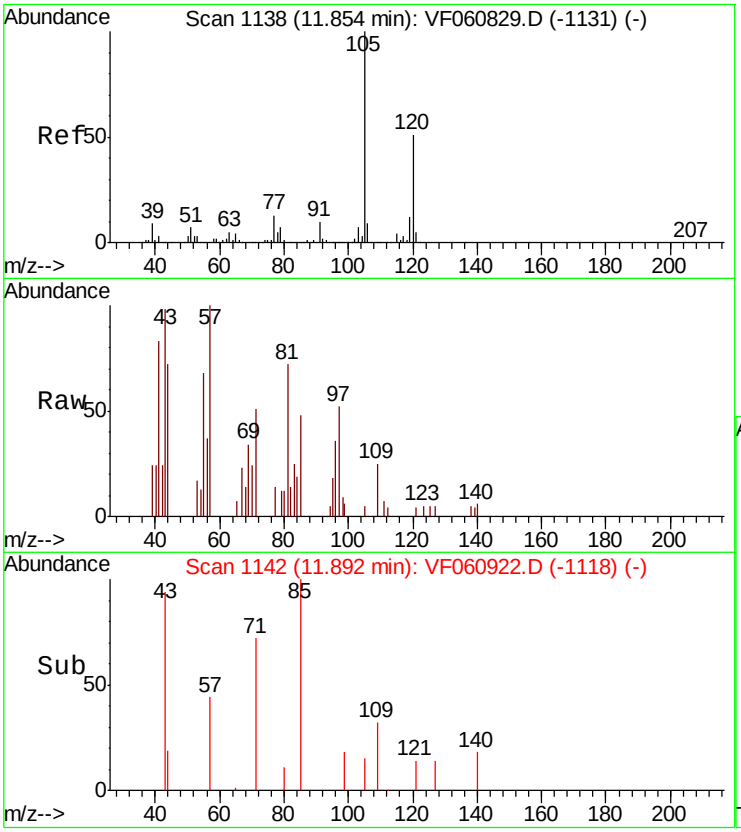


#79
2-Chlorotoluene
Concen: 28.880 ug/l
RT: 11.73 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 91 Resp: 118

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.9	47.6#



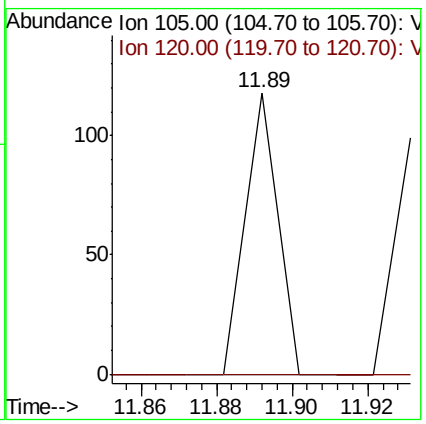


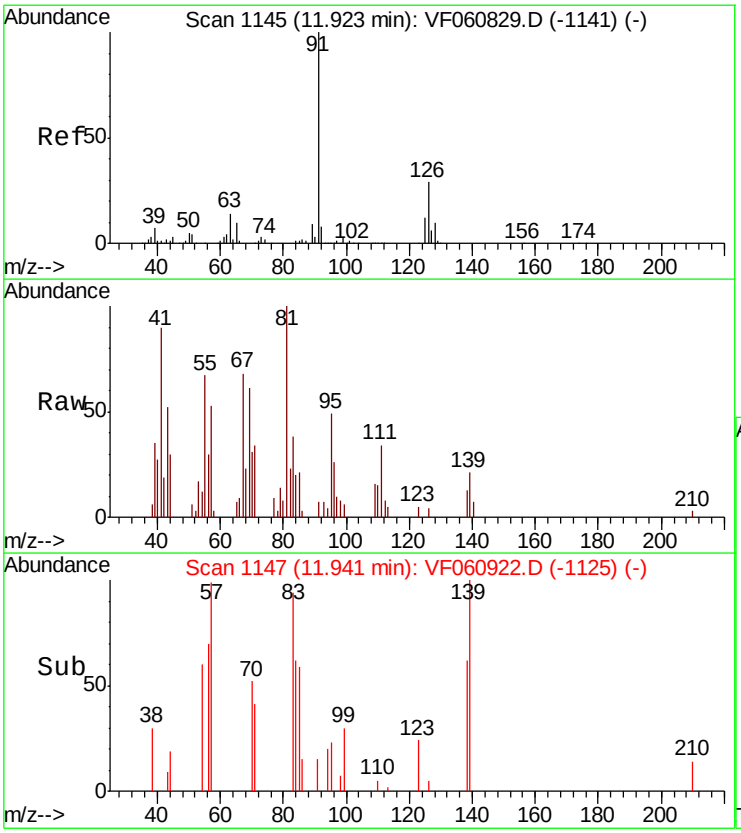
#80
1,3,5-Trimethylbenzene
Concen: 14.170 ug/l
RT: 11.89 min Scan# 1142
Delta R.T. 0.04 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 70

Ion	Ratio	Lower	Upper
105	100		
120	0.0	25.8	77.3#

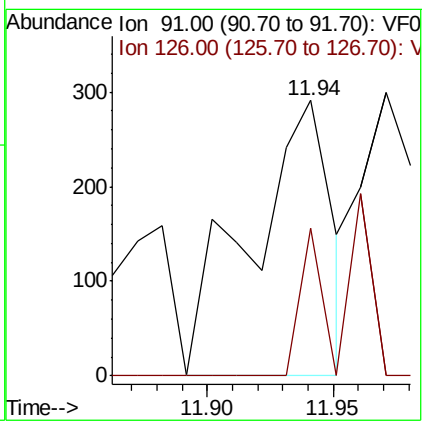


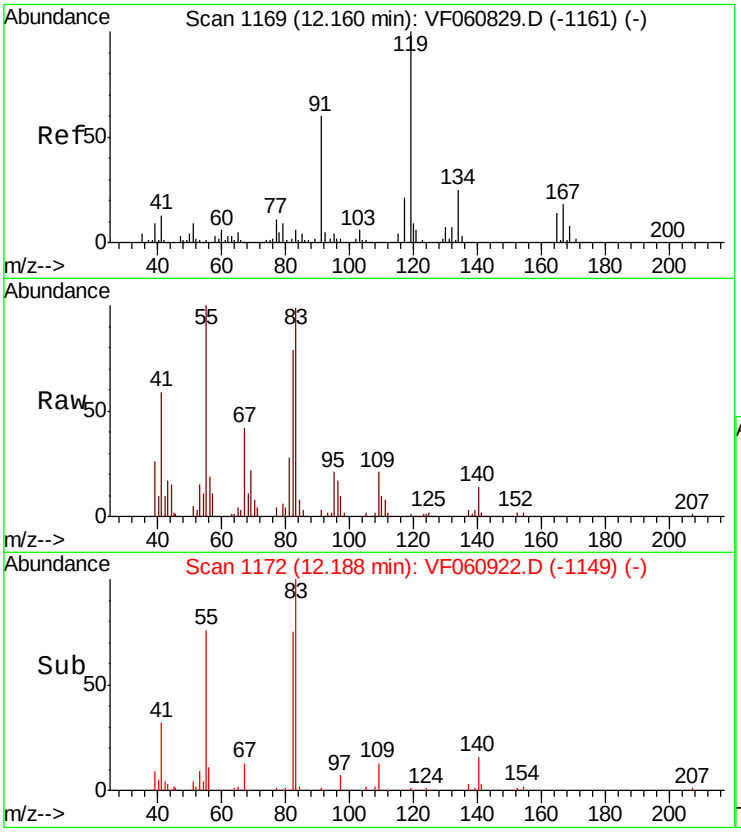


#82
4-Chlorotoluene
Concen: 151.397 ug/l
RT: 11.94 min Scan# 1147
Delta R.T. 0.02 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion: 91 Resp: 651

Ion	Ratio	Lower	Upper
91	100		
126	53.6	14.8	44.4#



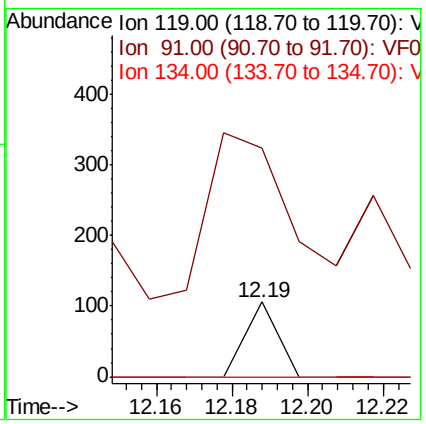


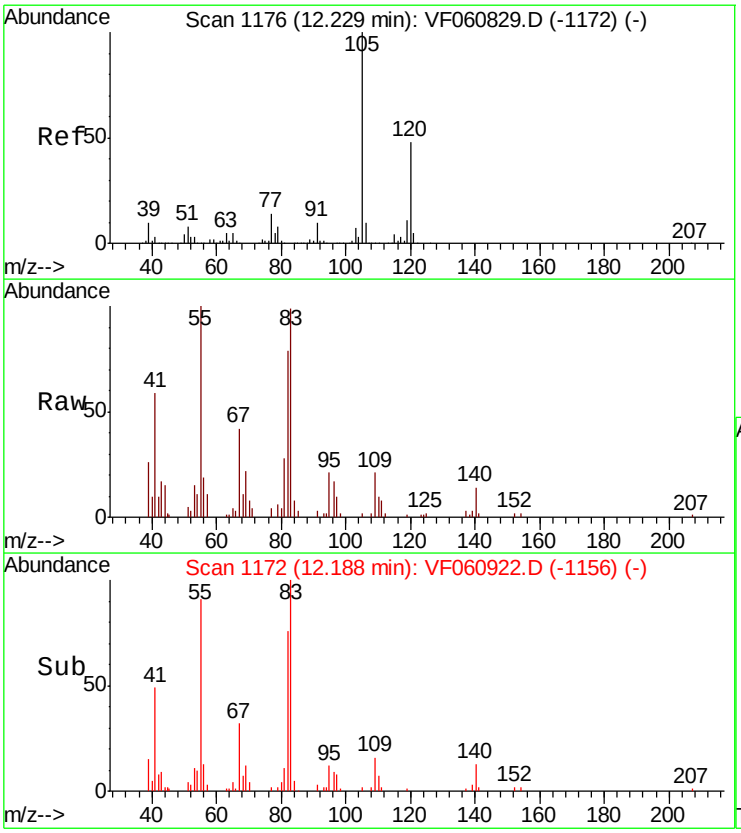
#83
tert-Butylbenzene
Concen: 12.520 ug/l
RT: 12.19 min Scan# 1172
Delta R.T. 0.03 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:119 Resp: 63

Ion	Ratio	Lower	Upper
119	100		
91	305.7	30.1	90.3#
134	0.0	12.6	37.8#

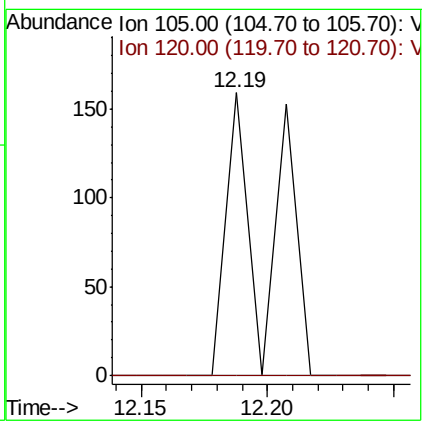


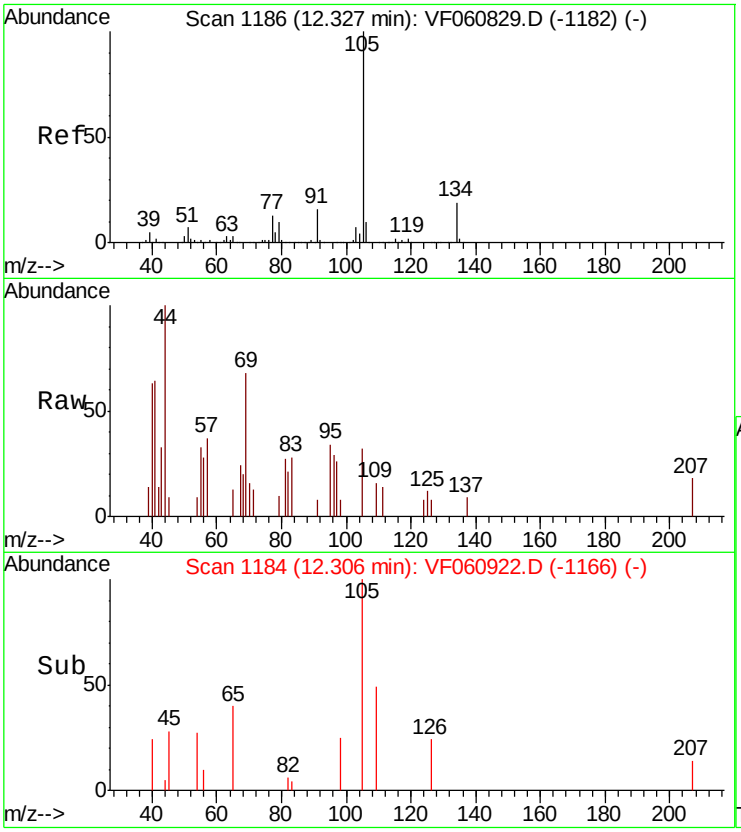


#84
1,2,4-Trimethylbenzene
Concen: 37.525 ug/l
RT: 12.19 min Scan# 1172
Delta R.T. -0.04 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion:105 Resp: 185

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.8	71.5#



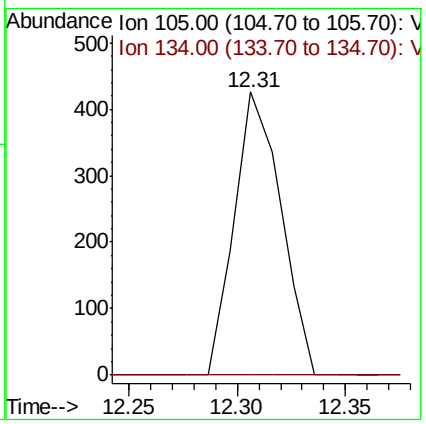


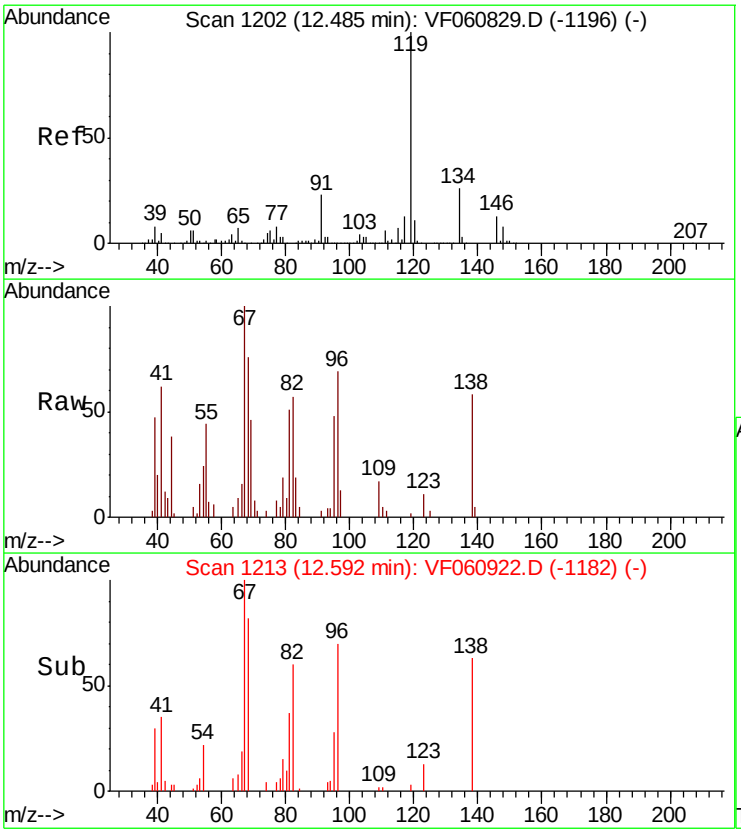
#85
sec-Butylbenzene
Concen: 92.910 ug/l
RT: 12.31 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 640

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.5	28.5#

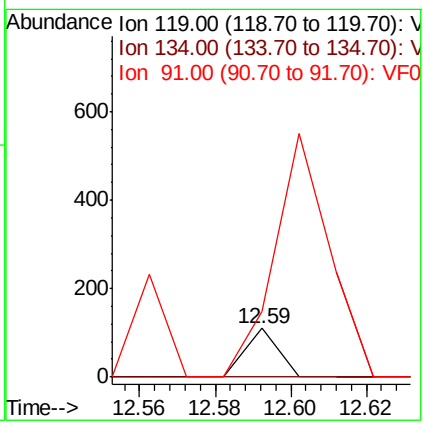


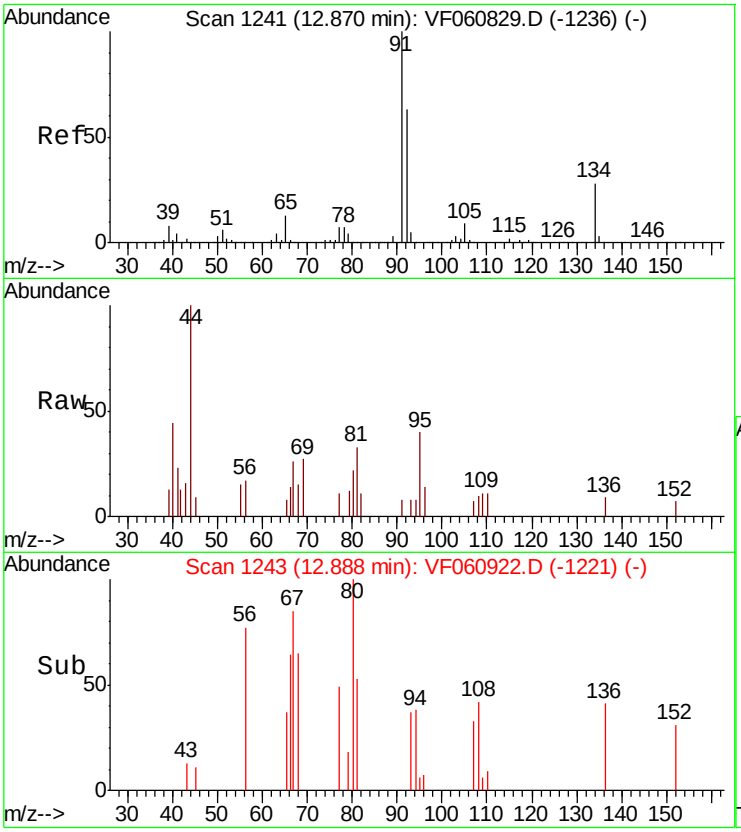


#86
p-Isopropyltoluene
Concen: 11.255 ug/l
RT: 12.59 min Scan# 1213
Delta R.T. 0.11 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Tgt Ion:119 Resp: 65

Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.9	38.6#
91	133.6	11.8	35.3#





#89
n-Butylbenzene
Concen: 35.619 ug/l
RT: 12.89 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VF060922.D
Acq: 6 Dec 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 208

Ion	Ratio	Lower	Upper
91	100		
92	0.0	31.6	94.7#
134	0.0	13.8	41.4#