Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120618\
Data File : VF060923.D
Acq On : 6 Dec 2018 18:06
Operator : VA/AP
Sample : J6248-07
Misc : 5.53g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 07 00:20:05 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	4.86	168	1678	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	3036	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.78	117	1042	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	1368	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	504	25.50	ug/l	-0.06
Spiked Amount 50.000			Recovery = 51.00%			
35) Dibromofluoromethane	4.10	113	701	29.10	ug/l	-0.05
Spiked Amount 50.000			Recovery = 58.20%			
50) Toluene-d8	7.55	98	4231	59.63	ug/l	-0.04
Spiked Amount 50.000			Recovery = 119.26%			
62) 4-Bromofluorobenzene	11.38	95	13751	426.45	ug/l	-0.06
Spiked Amount 50.000			Recovery = 852.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.10	85	74	2.949	ug/l #	41
3) Chloromethane	1.05	50	221	13.536	ug/l #	41
4) Vinyl Chloride	1.21	62	65	4.268	ug/l #	42
5) Bromomethane	1.32	94	318	29.614	ug/l #	2
7) Trichlorofluoromethane	1.47	101	72	2.204	ug/l #	15
8) Diethyl Ether	1.57	74	73	15.537	ug/l	74
10) Methyl Iodide	1.86	142	61	2.429	ug/l #	26
11) Tert butyl alcohol	2.51	59	88	108.600	ug/l #	1
12) 1,1-Dichloroethene	1.87	96	82	6.172	ug/l #	1
13) Acrolein	2.06	56	538	700.753	ug/l	97
14) Allyl chloride	2.08	41	832	50.240	ug/l #	47
15) Acrylonitrile	2.95	53	331	182.203	ug/l #	11
16) Acetone	2.33	43	812	222.757	ug/l	97
17) Carbon Disulfide	1.76	76	62	1.740	ug/l #	68
18) Methyl Acetate	2.33	43	812	135.604	ug/l #	61
19) Methyl tert-butyl Ether	2.43	73	87	2.907	ug/l #	1
20) Methylene Chloride	2.24	84	76	5.683	ug/l #	1
21) trans-1,2-Dichloroethene	2.29	96	89	6.948	ug/l #	1
22) Diisopropyl ether	2.85	45	167	3.705	ug/l #	1
23) Vinyl Acetate	3.14	43	121	5.872	ug/l #	80
24) 1,1-Dichloroethane	2.87	63	153	5.705	ug/l #	86
25) 2-Butanone	4.34	43	392	62.173	ug/l #	57
26) 2,2-Dichloropropane	3.64	77	67	3.853	ug/l #	60
27) cis-1,2-Dichloroethene	3.42	96	91	4.364	ug/l	1
29) Tetrahydrofuran	4.09	42	218	81.569	ug/l #	61
31) Cyclohexane	3.66	56	82	2.946	ug/l #	15
32) 1,1,1-Trichloroethane	3.98	97	79	2.760	ug/l #	22
36) 1,1-Dichloropropene	4.13	75	92	2.732	ug/l #	44
37) Ethyl Acetate	4.07	43	281	20.534	ug/l #	14
39) Methylcyclohexane	5.43	83	1003	28.422	ug/l #	57
41) Methacrylonitrile	4.78	41	670	98.313	ug/l #	43
43) Isopropyl Acetate	7.02	43	3553	219.666	ug/l #	49
45) 1,2-Dichloropropane	6.12	63	170	8.799	ug/l #	46
48) Methyl methacrylate	6.80	41	8611	695.179	ug/l #	45

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
Data File : VF060923.D
Acq On : 6 Dec 2018 18:06
Operator : VA/AP
Sample : J6248-07
Misc : 5.53g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 07 00:20:05 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)
51) 4-Methyl-2-Pentanone	8.27	43	191744	15194.679 ug/l #	42
52) Toluene	7.57	92	69	1.320 ug/l	97
53) t-1,3-Dichloropropene	8.18	75	59	2.084 ug/l #	40
55) 1,1,2-Trichloroethane	8.38	97	13920	914.199 ug/l #	54
56) Ethyl methacrylate	8.62	69	298383	17640.519 ug/l #	75
57) 1,3-Dichloropropane	8.65	76	138	5.180 ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.29	63	60	34.680 ug/l #	46
59) 2-Hexanone	9.41	43	25677	2900.337 ug/l #	30
60) Dibromochloromethane	8.64	129	66	2.909 ug/l #	1
61) 1,2-Dibromoethane	8.95	107	70	4.256 ug/l #	1
64) Tetrachloroethene	8.17	164	73	9.172 ug/l #	34
65) Chlorobenzene	9.90	112	1404	69.262 ug/l #	42
67) Ethyl Benzene	9.89	91	5238	138.798 ug/l	97
68) m/p-Xylenes	10.13	106	29279	2157.157 ug/l	99
69) o-Xylene	10.71	106	13040	871.247 ug/l	71
70) Styrene	10.72	104	703	33.884 ug/l #	1
73) Isopropylbenzene	11.12	105	77851	720.129 ug/l	99
74) N-amyl acetate	11.39	43	43877	1757.649 ug/l #	26
75) 1,1,2,2-Tetrachloroethane	11.77	83	15405	865.837 ug/l #	63
76) 1,2,3-Trichloropropane	11.82	75	740	57.221 ug/l #	1
77) Bromobenzene	11.61	156	89	3.755 ug/l #	1
78) n-propylbenzene	11.60	91	172849	1365.303 ug/l	98
79) 2-Chlorotoluene	11.72	91	14979	206.346 ug/l #	51
80) 1,3,5-Trimethylbenzene	11.82	105	49900	568.578 ug/l	90
81) trans-1,4-Dichloro-2-buten	11.82	75	740	116.786 ug/l #	1
82) 4-Chlorotoluene	12.01	91	10544	138.022 ug/l	99
83) tert-Butylbenzene	12.13	119	18021	201.582 ug/l	84
84) 1,2,4-Trimethylbenzene	12.20	105	307487	3510.554 ug/l	94
85) sec-Butylbenzene	12.31	105	123003	1005.090 ug/l	88
86) p-Isopropyltoluene	12.46	119	69915	681.414 ug/l	93
89) n-Butylbenzene	12.84	91	58682	565.619 ug/l	98
90) Hexachloroethane	12.93	117	2731	110.536 ug/l #	25
91) 1,2-Dichlorobenzene	12.93	146	69	1.616 ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.58	75	70	20.350 ug/l #	1

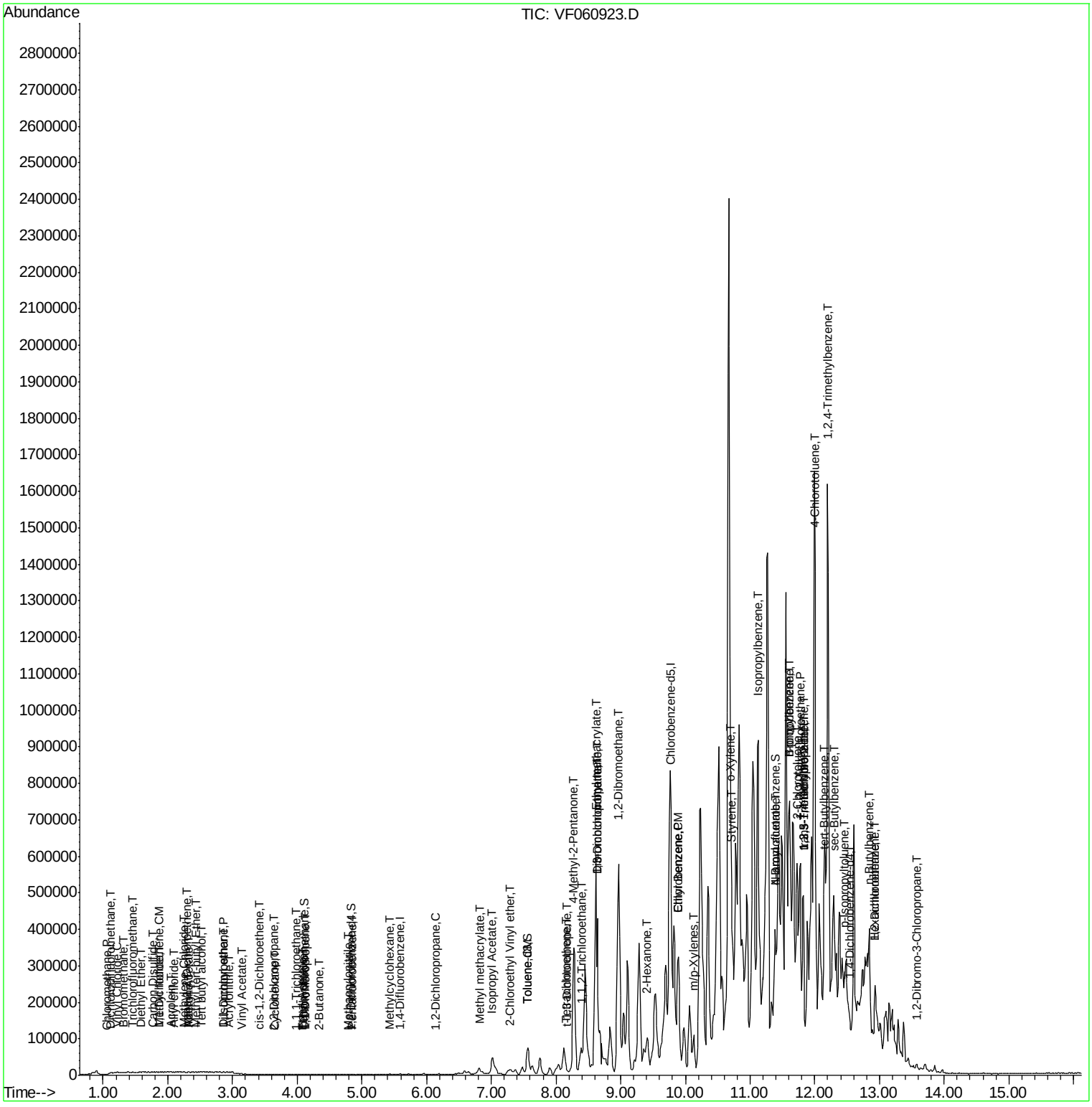
(#) = qualifier out of range (m) = manual integration (+) = signals summed

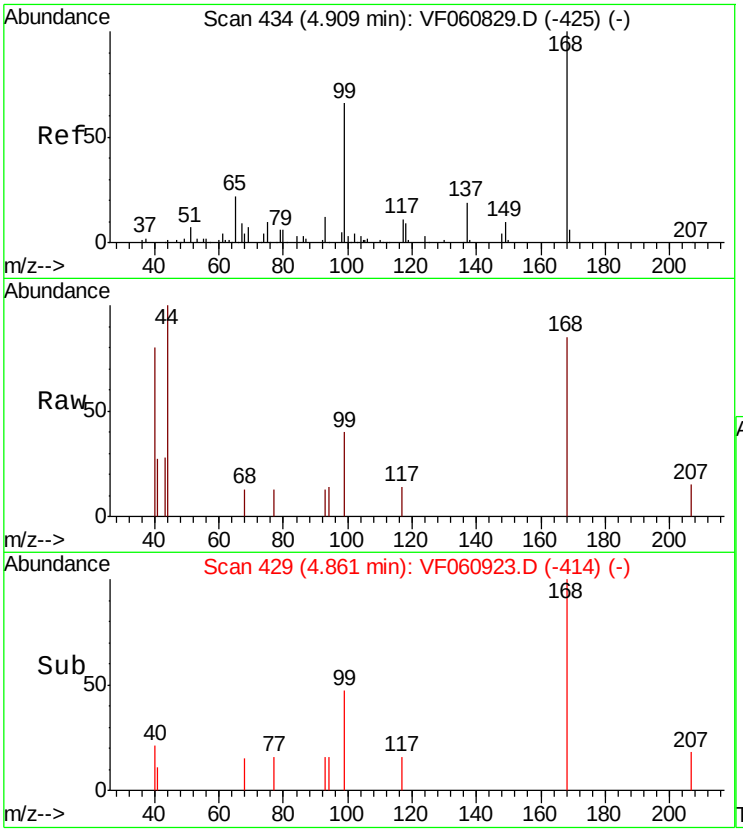
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
Data File : VF060923.D
Acq On : 6 Dec 2018 18:06
Operator : VA/AP
Sample : J6248-07
Misc : 5.53g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 07 00:20:05 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



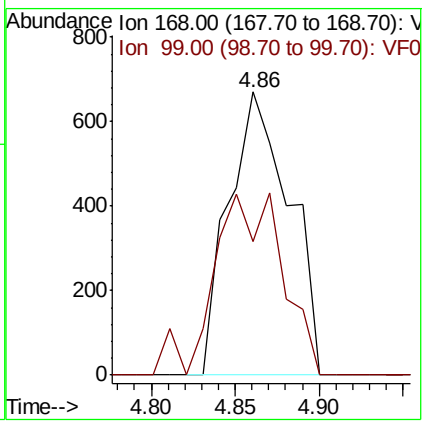


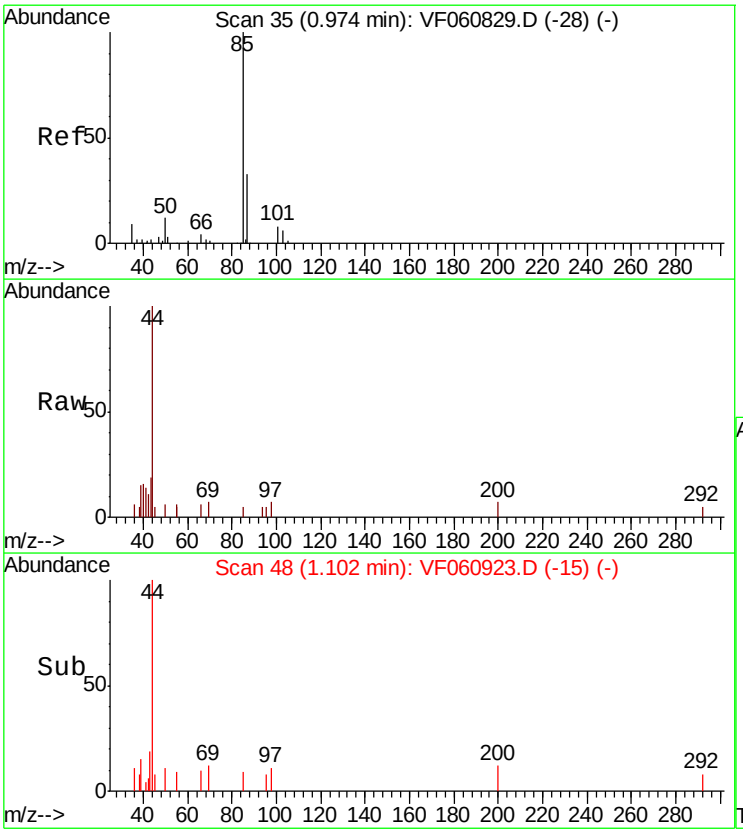
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.05 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion:168 Resp: 1678

Ion	Ratio	Lower	Upper
168	100		
99	47.0	52.6	79.0#

Instrument :
MSVOA_F
ClientSampleId :

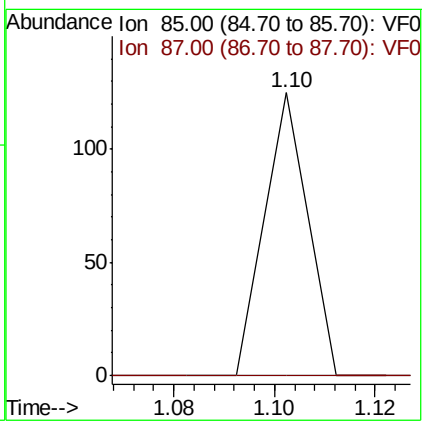


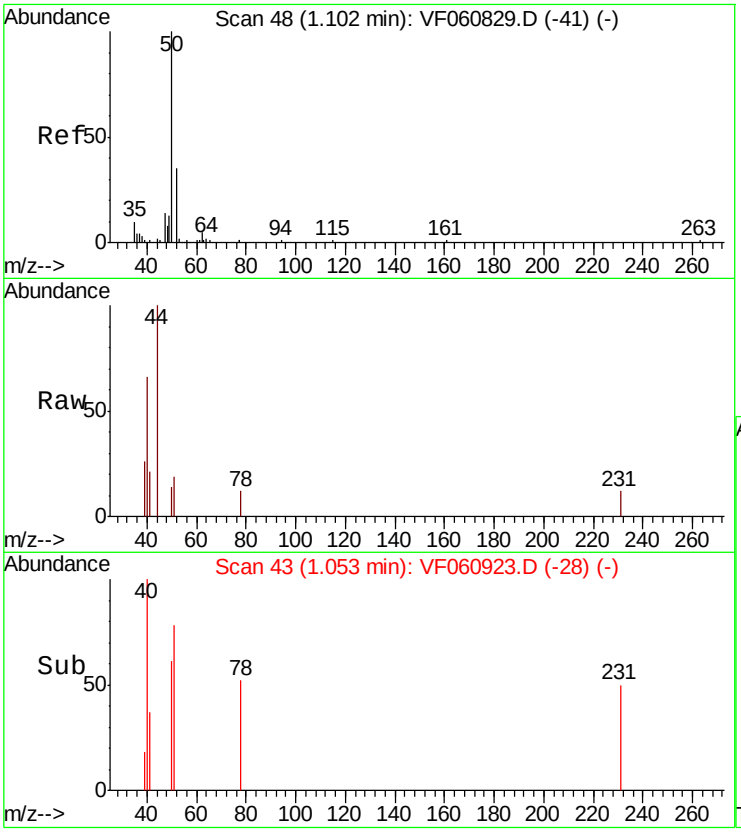


#2
Dichlorodifluoromethane
Concen: 2.949 ug/l
RT: 1.10 min Scan# 48
Delta R.T. 0.13 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 85 Resp: 74

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



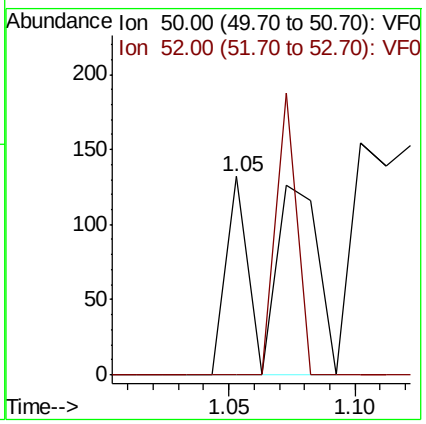


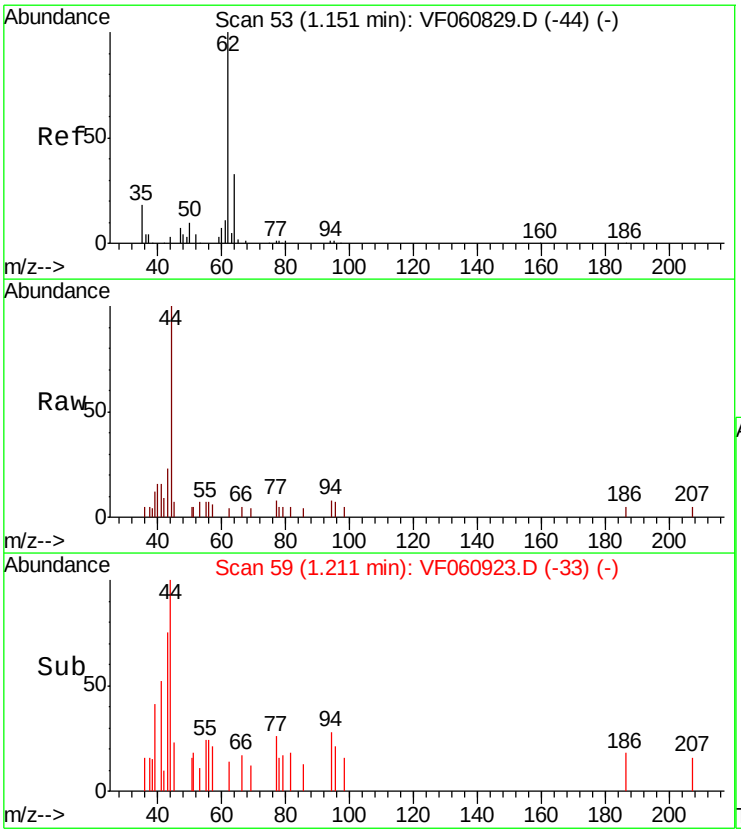
#3
Chloromethane
Concen: 13.536 ug/l
RT: 1.05 min Scan# 43
Delta R.T. -0.05 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 50 Resp: 221

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.0	40.4#

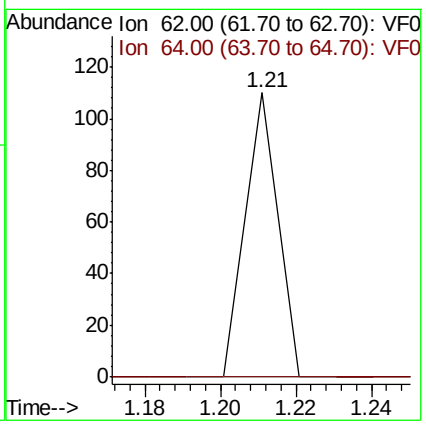


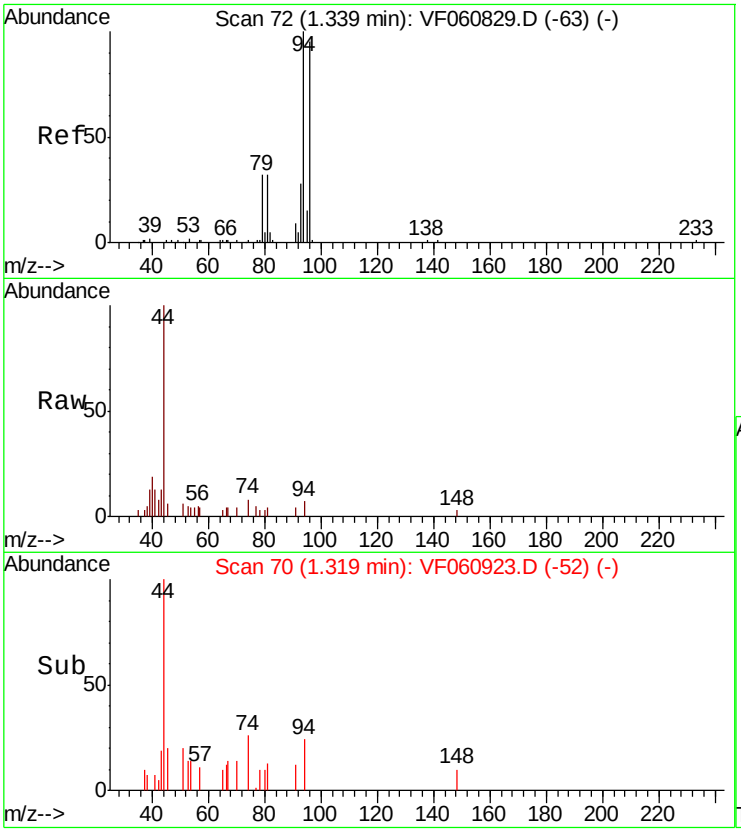


#4
Vinyl Chloride
Concen: 4.268 ug/l
RT: 1.21 min Scan# 59
Delta R.T. 0.06 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 62 Resp: 65

Ion	Ratio	Lower	Upper
62	100		
64	0.0	26.4	39.6#



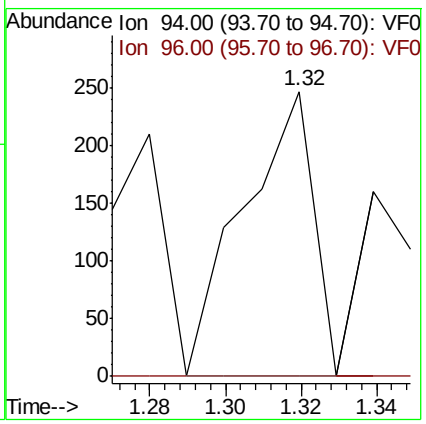


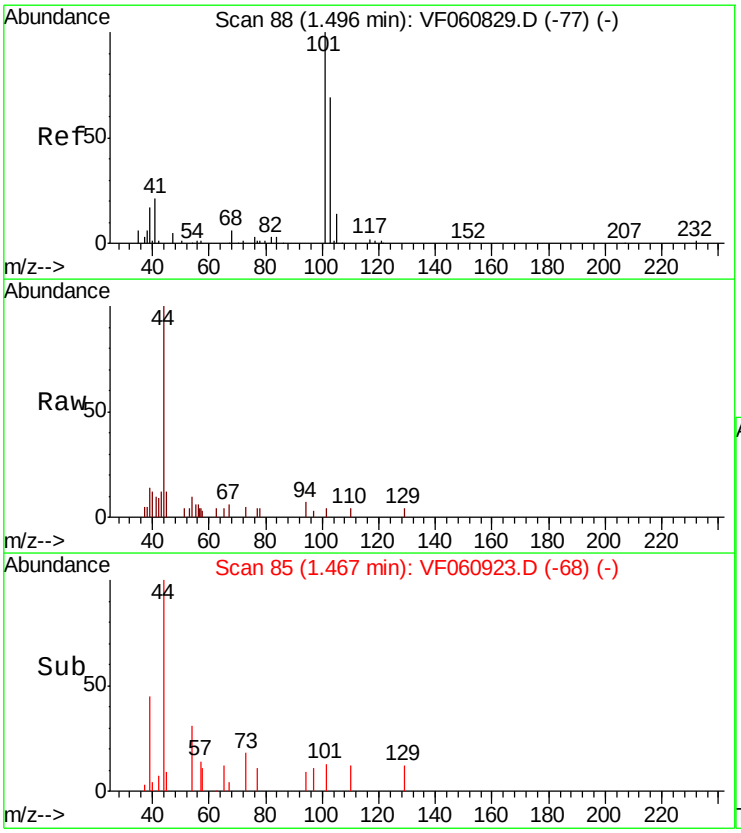
#5
Bromomethane
Concen: 29.614 ug/l
RT: 1.32 min Scan# 70
Delta R.T. -0.02 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 94 Resp: 318

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.9	113.9#

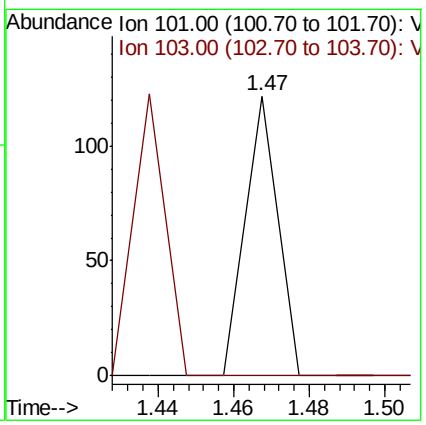


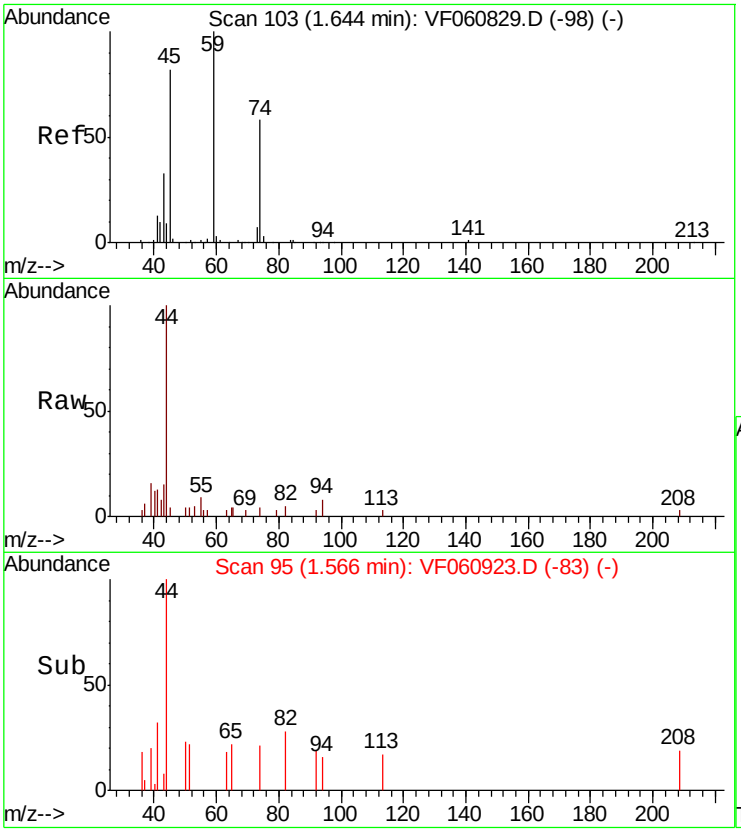


#7
Trichlorofluoromethane
Concen: 2.204 ug/l
RT: 1.47 min Scan# 85
Delta R.T. -0.03 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion:101 Resp: 72

Ion	Ratio	Lower	Upper
101	100		
103	0.0	55.4	83.0#



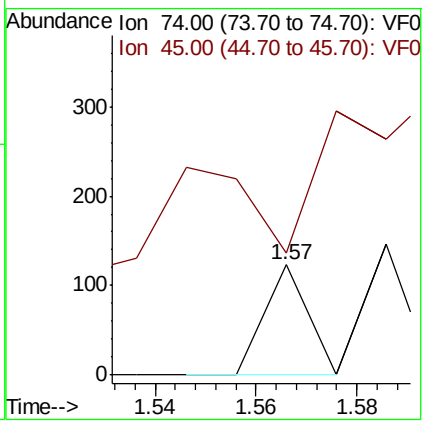


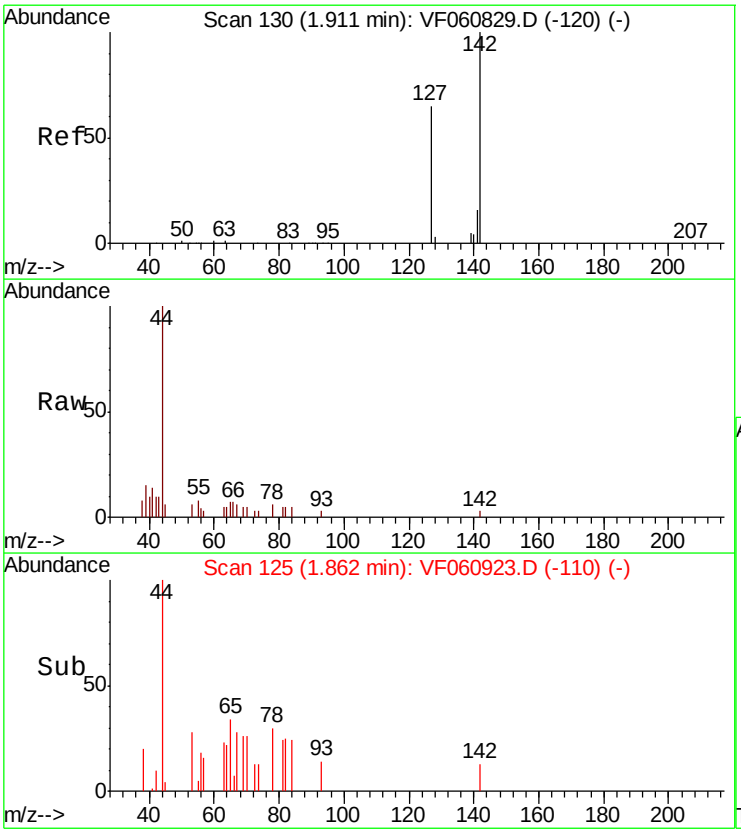
#8
Diethyl Ether
Concen: 15.537 ug/l
RT: 1.57 min Scan# 95
Delta R.T. -0.08 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 74 Resp: 73

Ion	Ratio	Lower	Upper
74	100		
45	110.6	71.0	212.8

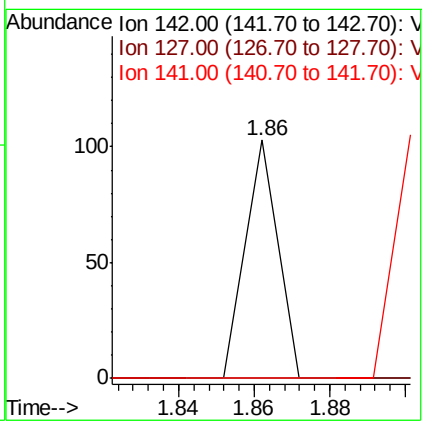


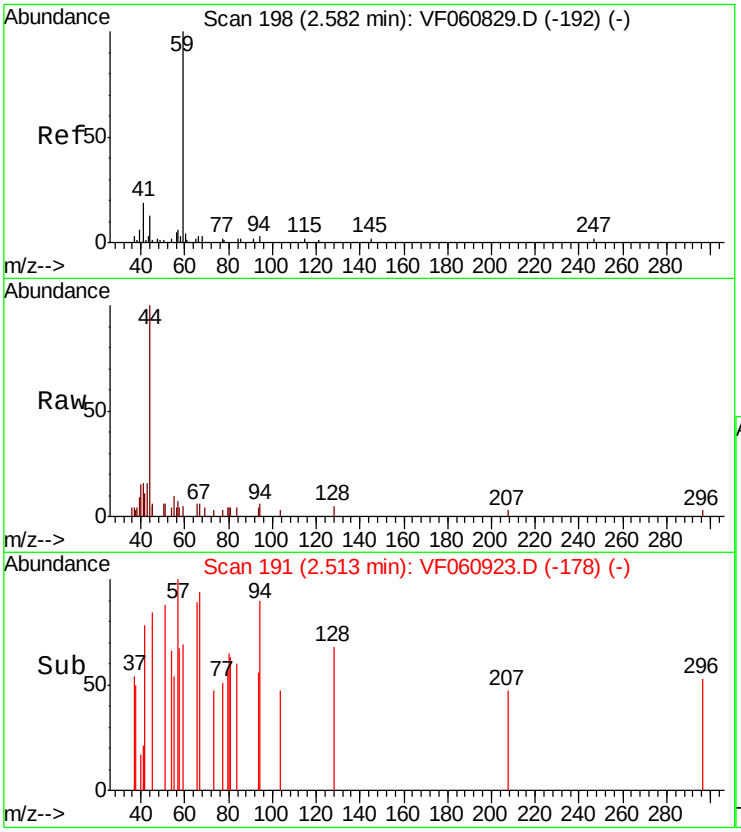


#10
Methyl Iodide
Concen: 2.429 ug/l
RT: 1.86 min Scan# 125
Delta R.T. -0.05 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion:142 Resp: 61

Ion	Ratio	Lower	Upper
142	100		
127	0.0	51.9	77.9#
141	0.0	12.7	19.1#



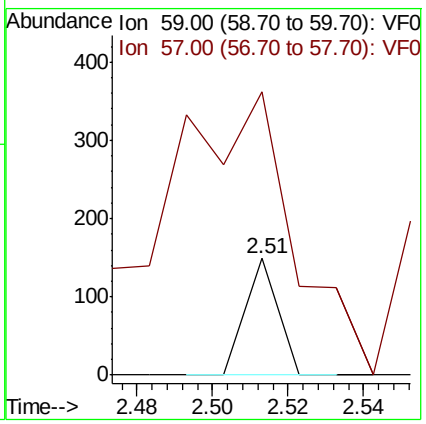


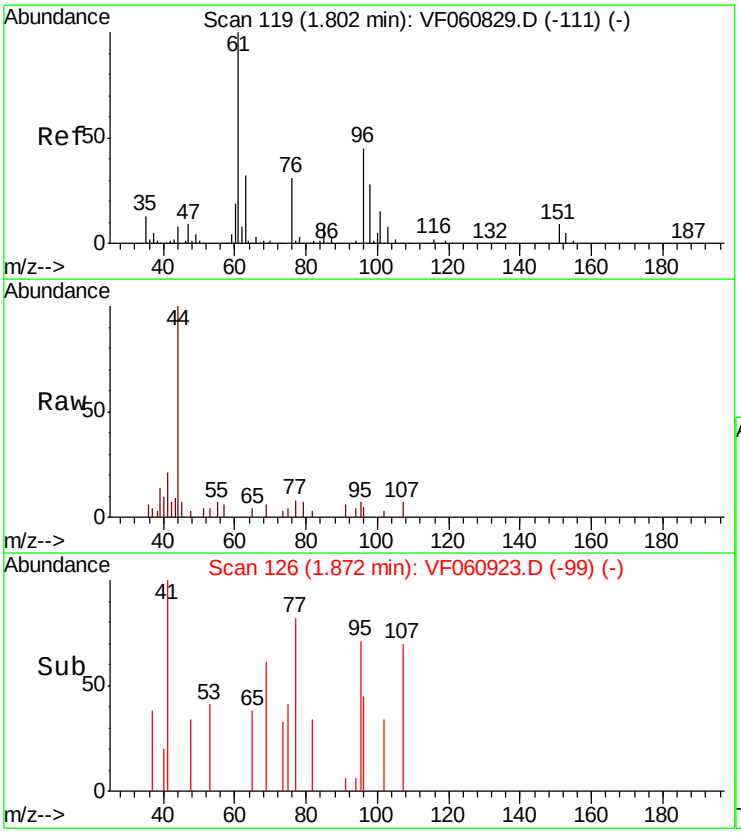
#11
Tert butyl alcohol
Concen: 108.600 ug/l
RT: 2.51 min Scan# 191
Delta R.T. -0.07 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 88

Ion	Ratio	Lower	Upper
59	100		
57	243.0	12.7	19.1#

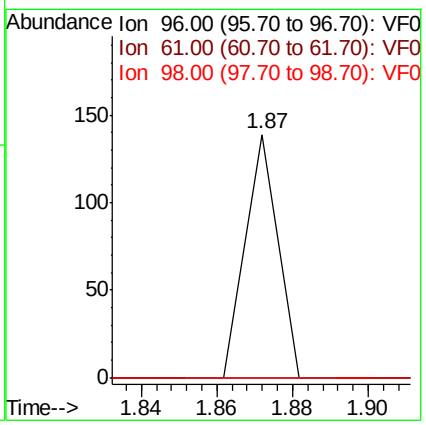


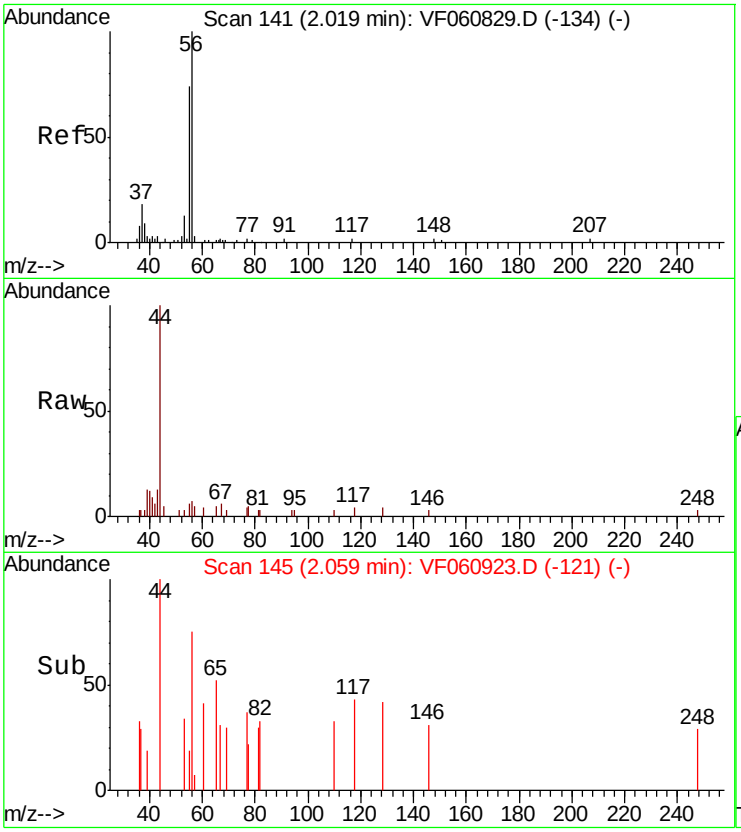


#12
1,1-Dichloroethene
Concen: 6.172 ug/l
RT: 1.87 min Scan# 126
Delta R.T. 0.07 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 96 Resp: 82

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



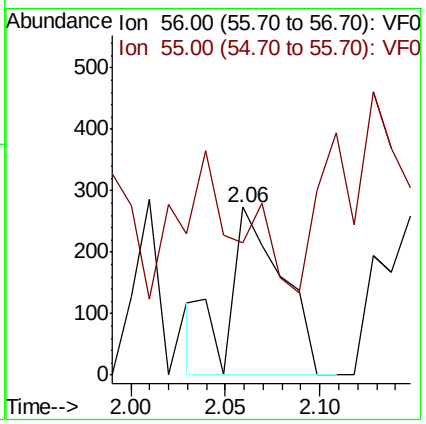


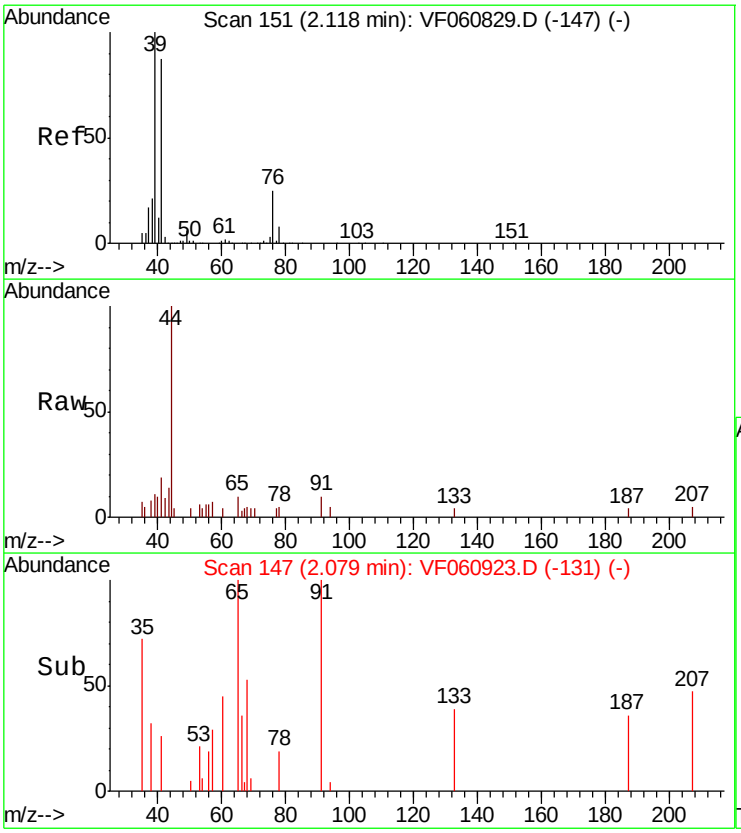
#13
Acrolein
Concen: 700.753 ug/l
RT: 2.06 min Scan# 145
Delta R.T. 0.04 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 538

Ion	Ratio	Lower	Upper
56	100		
55	79.1	61.2	91.8

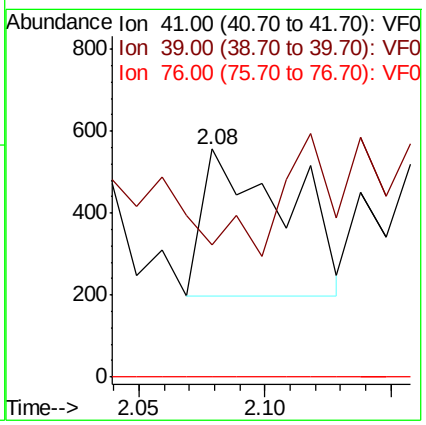


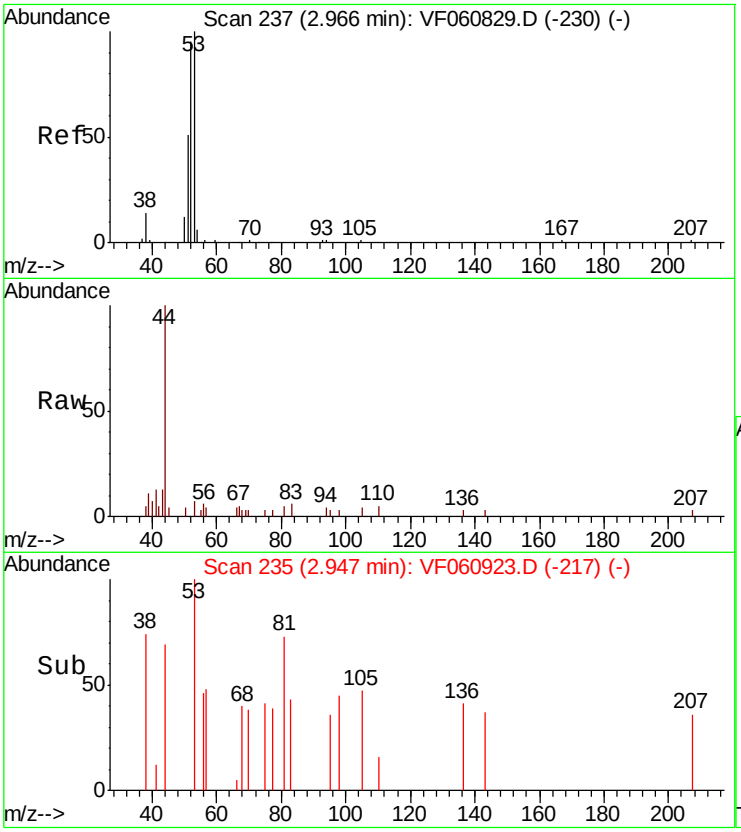


#14
Allyl chloride
Concen: 50.240 ug/l
RT: 2.08 min Scan# 147
Delta R.T. -0.04 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 41 Resp: 832

Ion	Ratio	Lower	Upper
41	100		
39	58.2	91.7	137.5#
76	0.0	23.5	35.3#



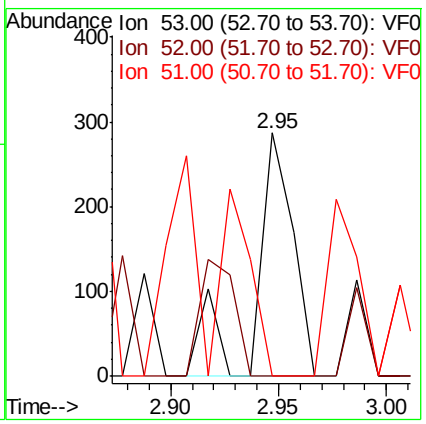


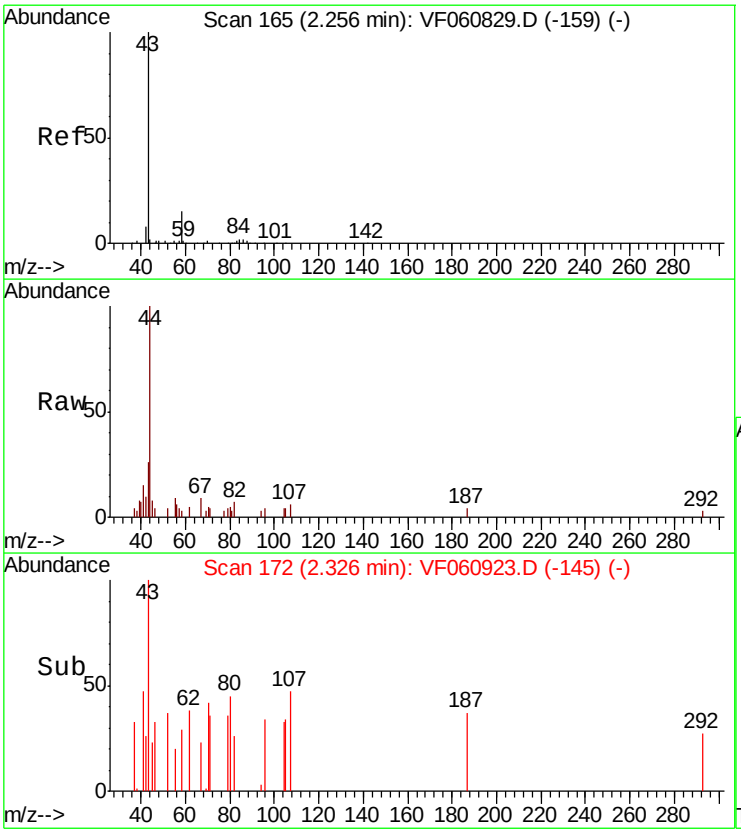
#15
Acrylonitrile
Concen: 182.203 ug/l
RT: 2.95 min Scan# 235
Delta R.T. -0.02 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 331

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	0.0	40.7	61.1#

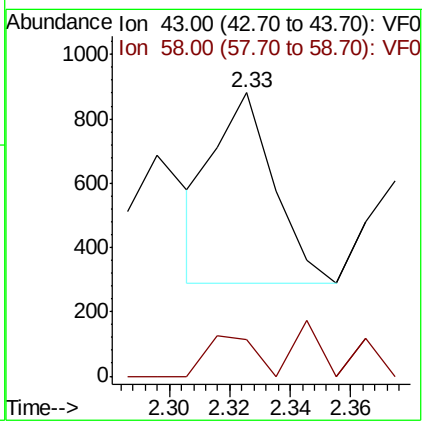


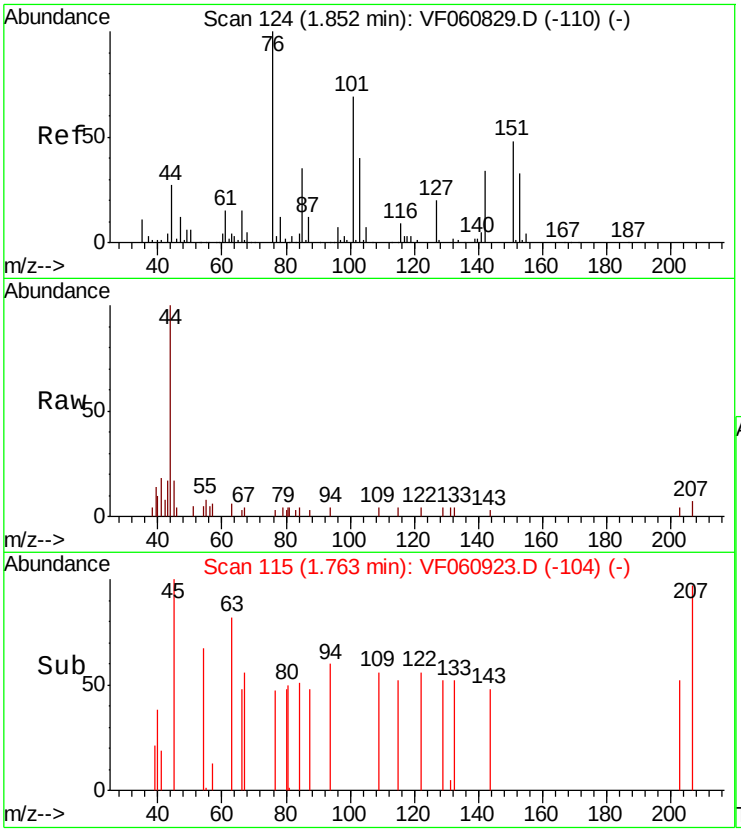


#16
Acetone
Concen: 222.757 ug/l
RT: 2.33 min Scan# 172
Delta R.T. 0.07 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 43 Resp: 812

Ion	Ratio	Lower	Upper
43	100		
58	12.9	11.4	17.2



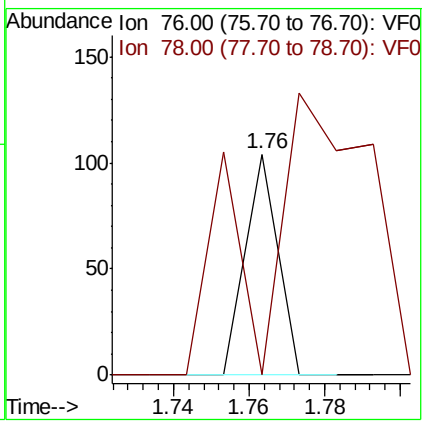


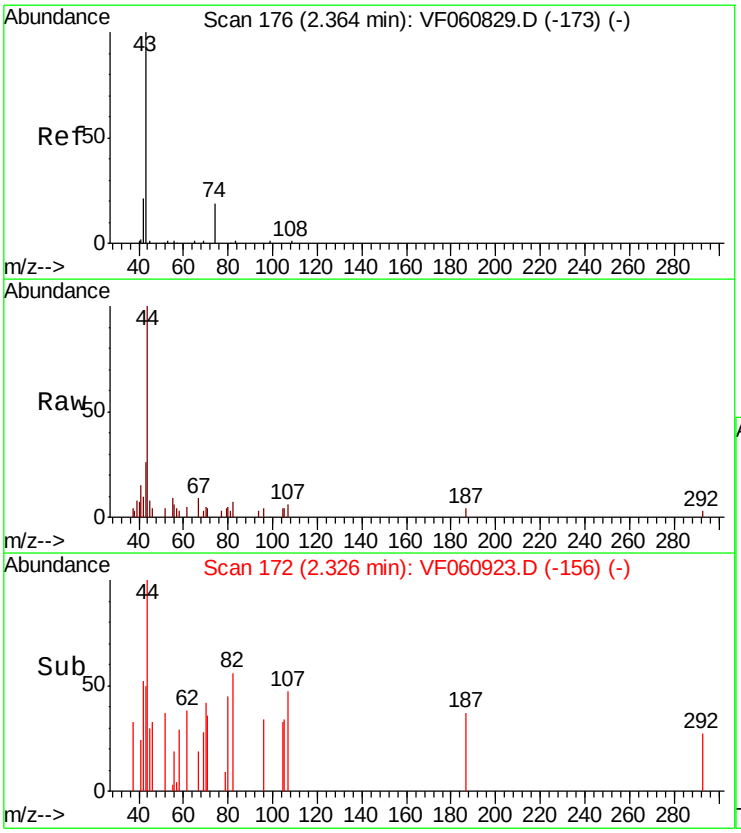
#17
Carbon Disulfide
Concen: 1.740 ug/l
RT: 1.76 min Scan# 115
Delta R.T. -0.09 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 76 Resp: 62

Ion	Ratio	Lower	Upper
76	100		
78	0.0	10.2	15.2#

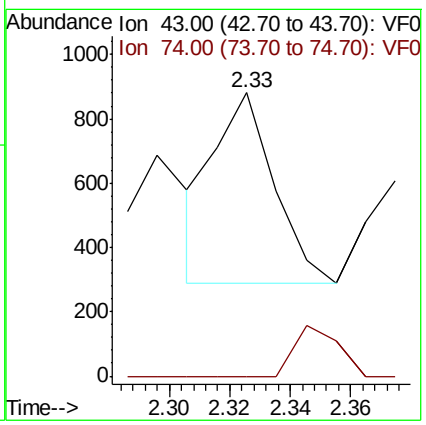


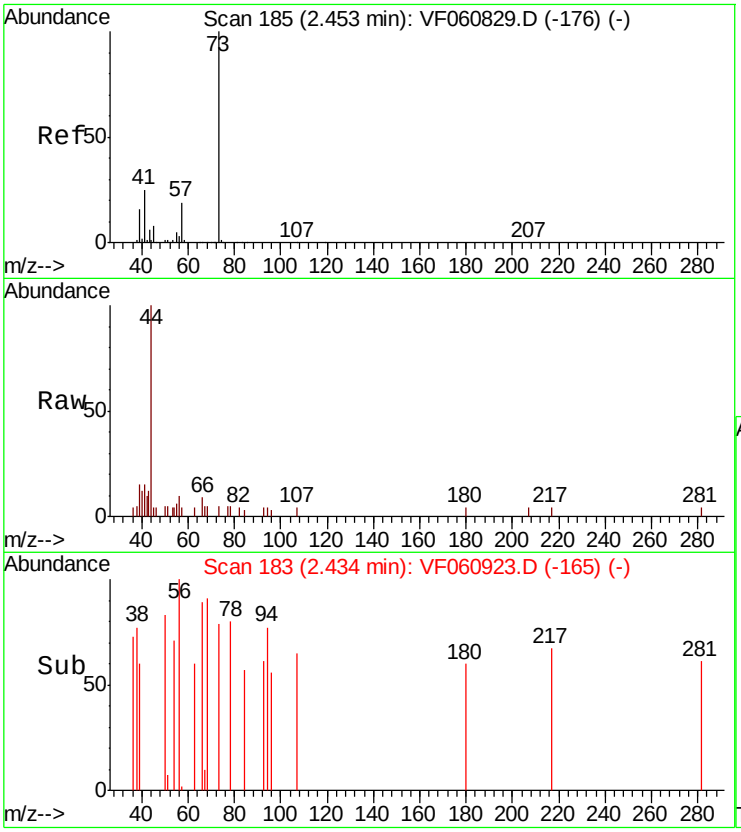


#18
Methyl Acetate
Concen: 135.604 ug/l
RT: 2.33 min Scan# 172
Delta R.T. -0.04 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 43 Resp: 812

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#



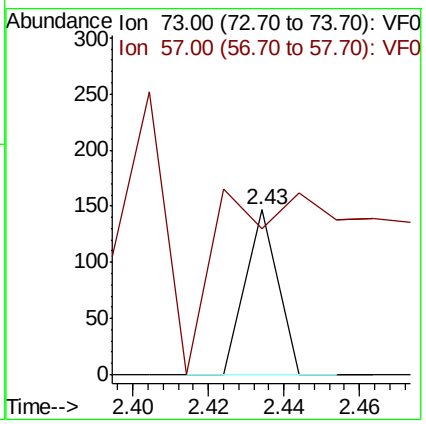


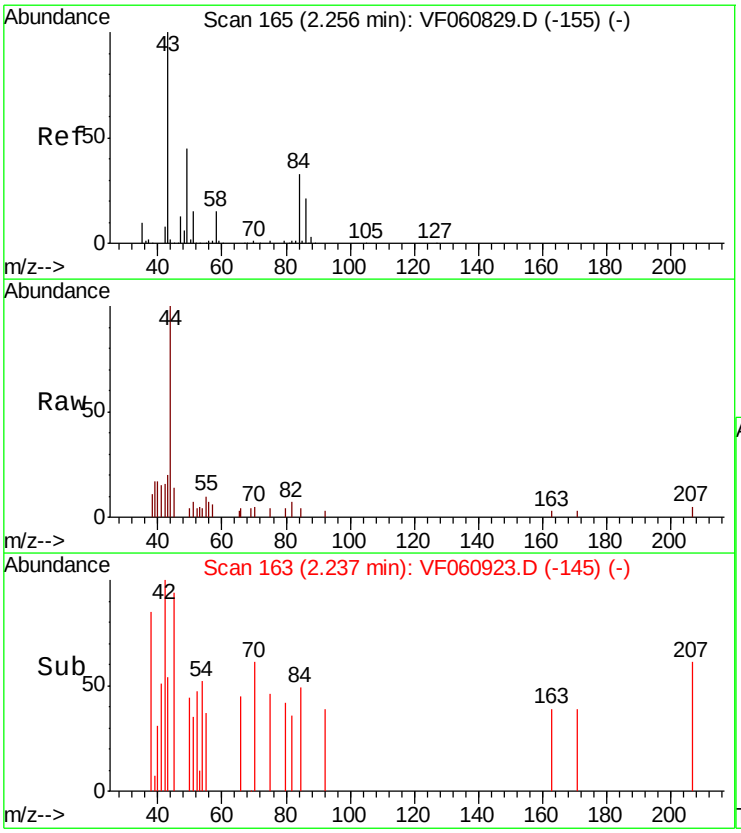
#19
Methyl tert-butyl Ether
Concen: 2.907 ug/l
RT: 2.43 min Scan# 183
Delta R.T. -0.02 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 73 Resp: 87

Ion	Ratio	Lower	Upper
73	100		
57	88.4	15.3	22.9#

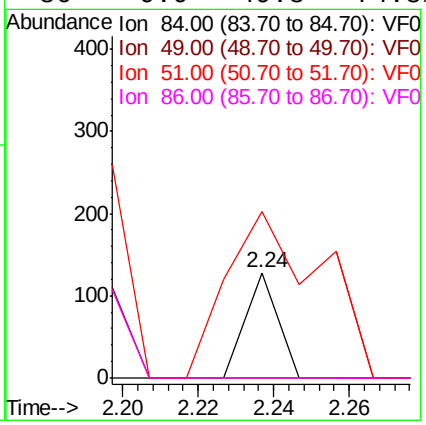


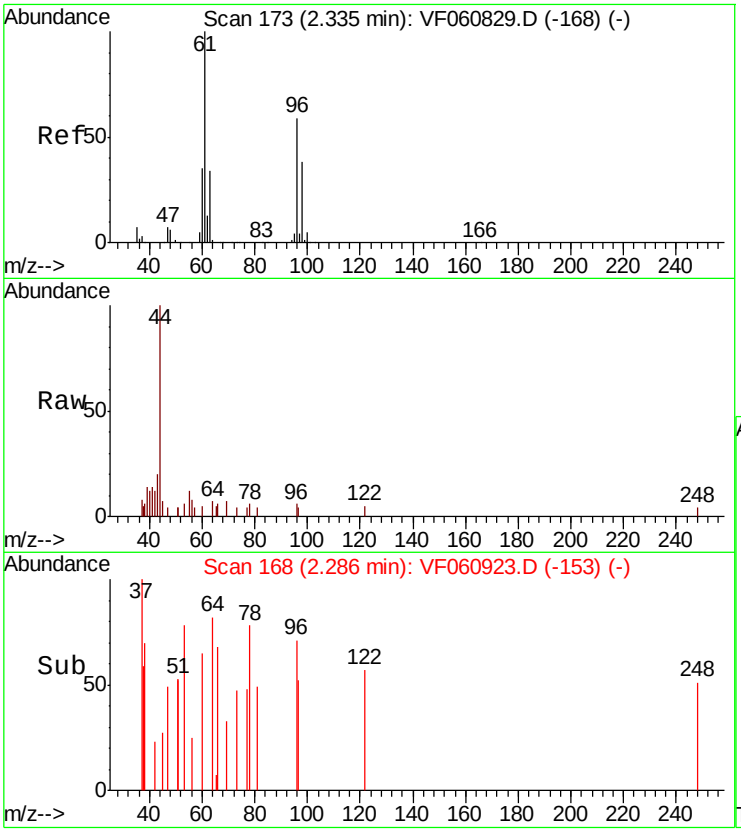


#20
Methylene Chloride
Concen: 5.683 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 84 Resp: 76

Ion	Ratio	Lower	Upper
84	100		
49	0.0	111.3	166.9#
51	158.6	38.0	57.0#
86	0.0	49.8	74.8#



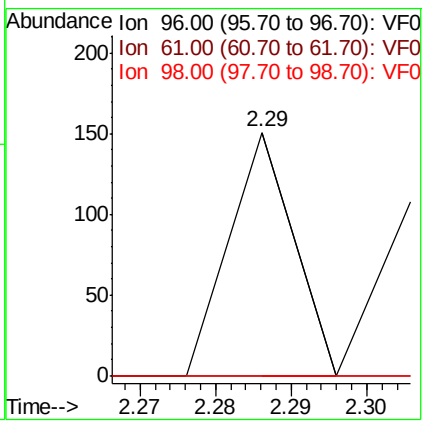


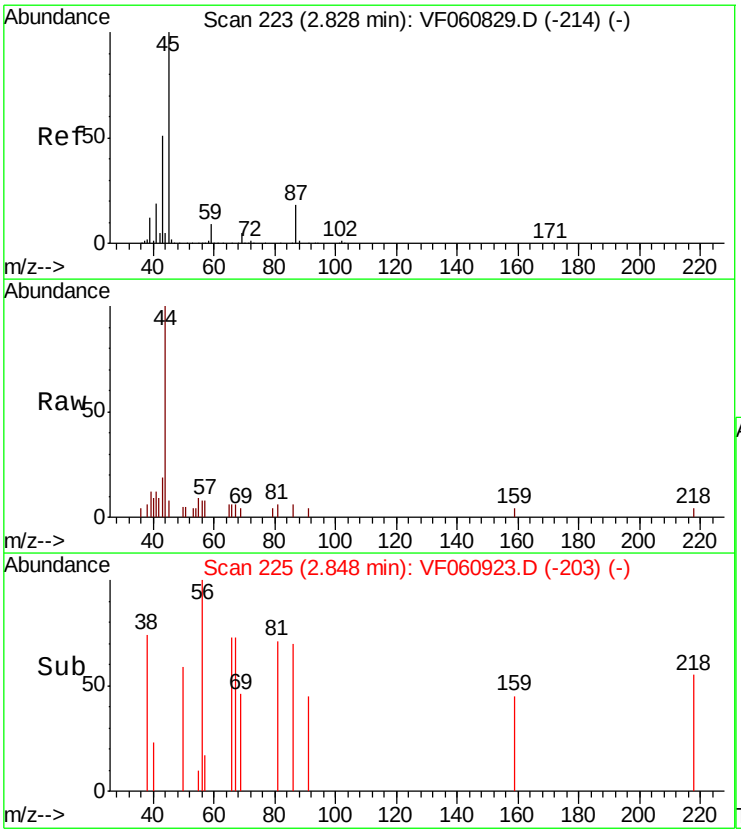
#21
trans-1,2-Dichloroethene
Concen: 6.948 ug/l
RT: 2.29 min Scan# 168
Delta R.T. -0.05 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 96 Resp: 89

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

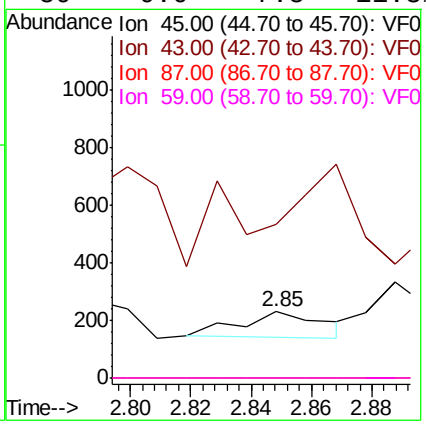


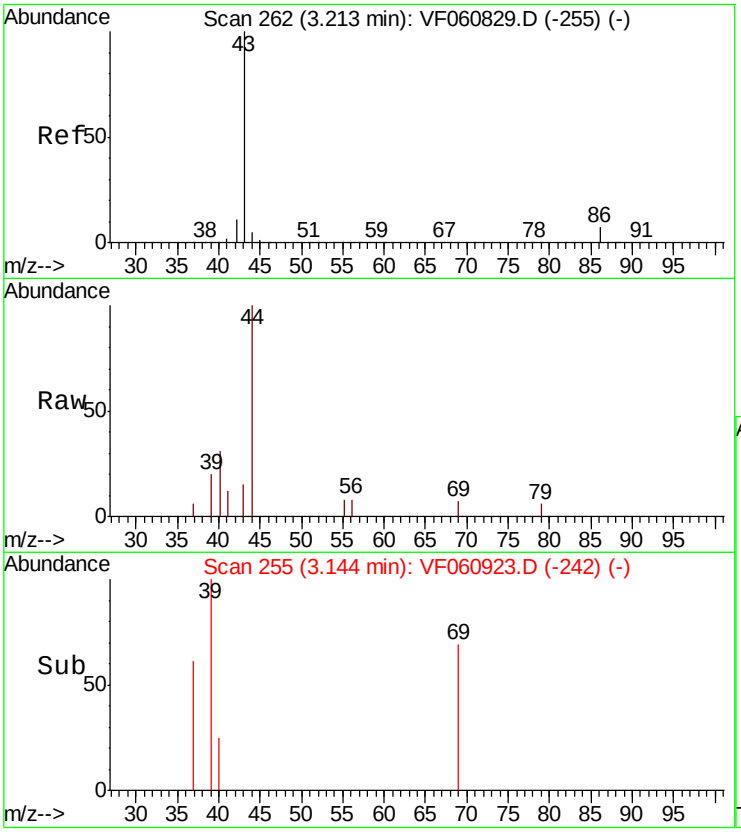


#22
Diisopropyl ether
Concen: 3.705 ug/l
RT: 2.85 min Scan# 225
Delta R.T. 0.02 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 45 Resp: 167

Ion	Ratio	Lower	Upper
45	100		
43	231.6	41.0	61.6#
87	0.0	14.6	22.0#
59	0.0	7.5	11.3#



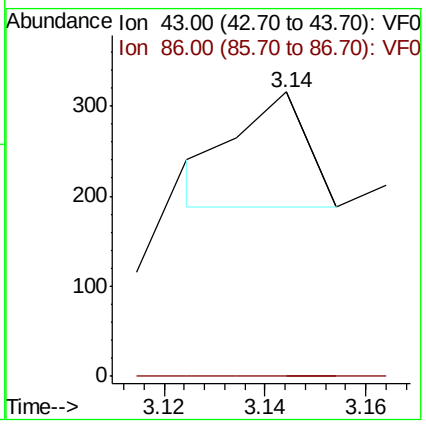


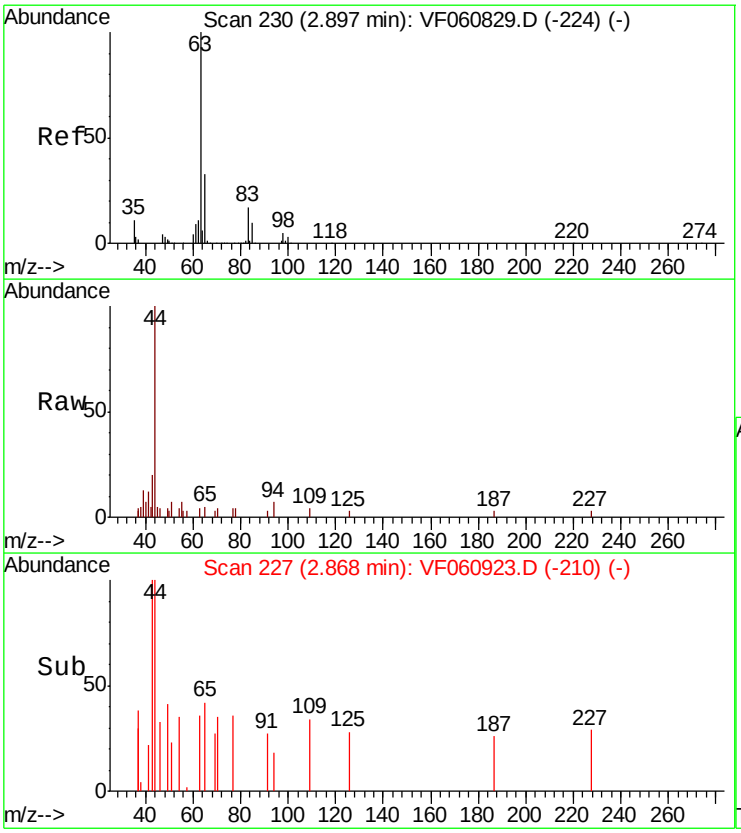
#23
Vinyl Acetate
Concen: 5.872 ug/l
RT: 3.14 min Scan# 255
Delta R.T. -0.07 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 121

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.4	8.0#

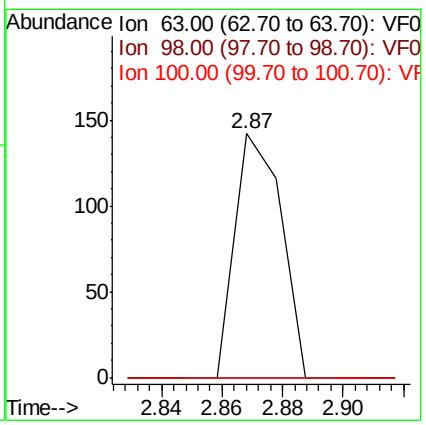


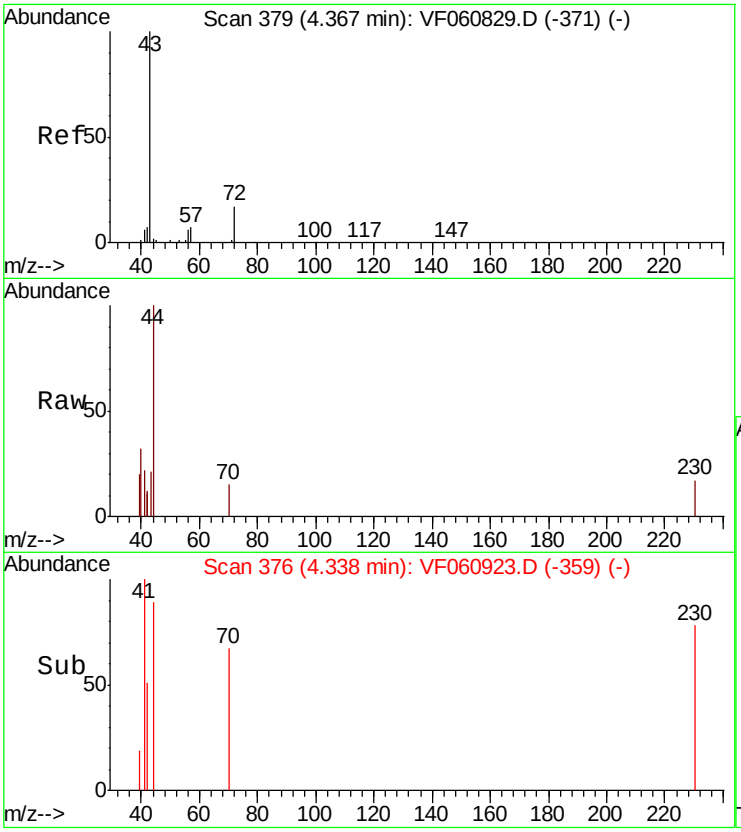


#24
1,1-Dichloroethane
Concen: 5.705 ug/l
RT: 2.87 min Scan# 227
Delta R.T. -0.03 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 63 Resp: 153

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



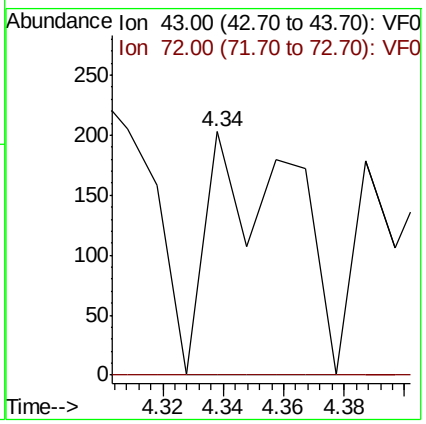


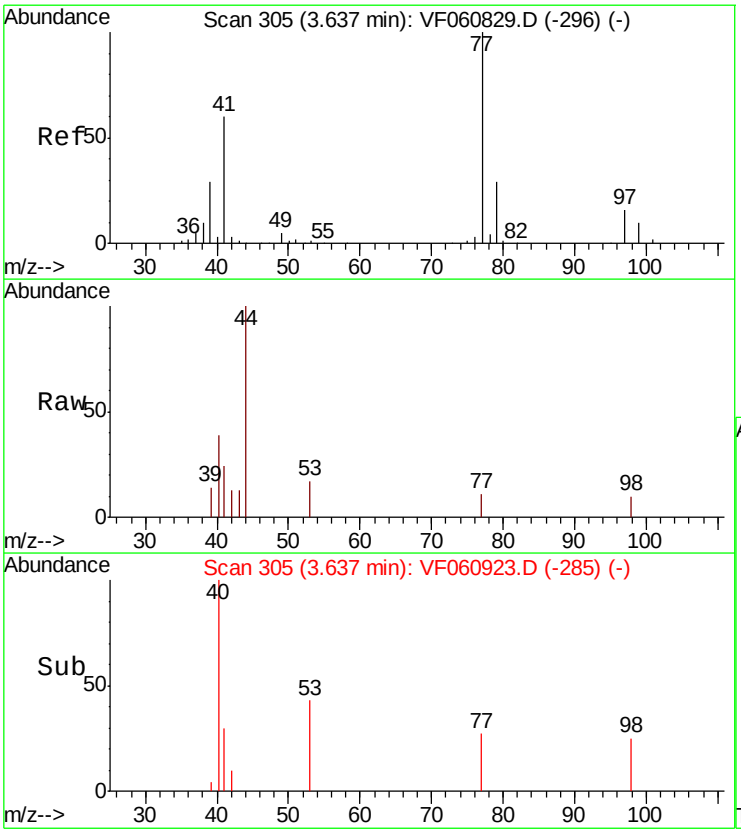
#25
2-Butanone
Concen: 62.173 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.03 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 392

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#

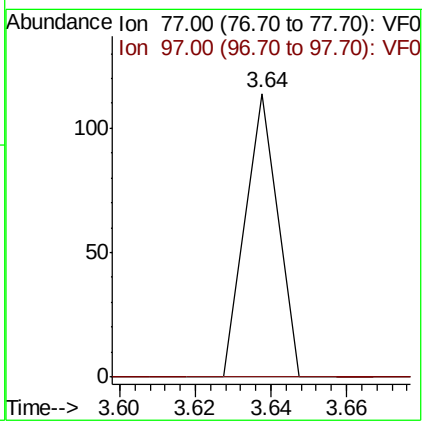


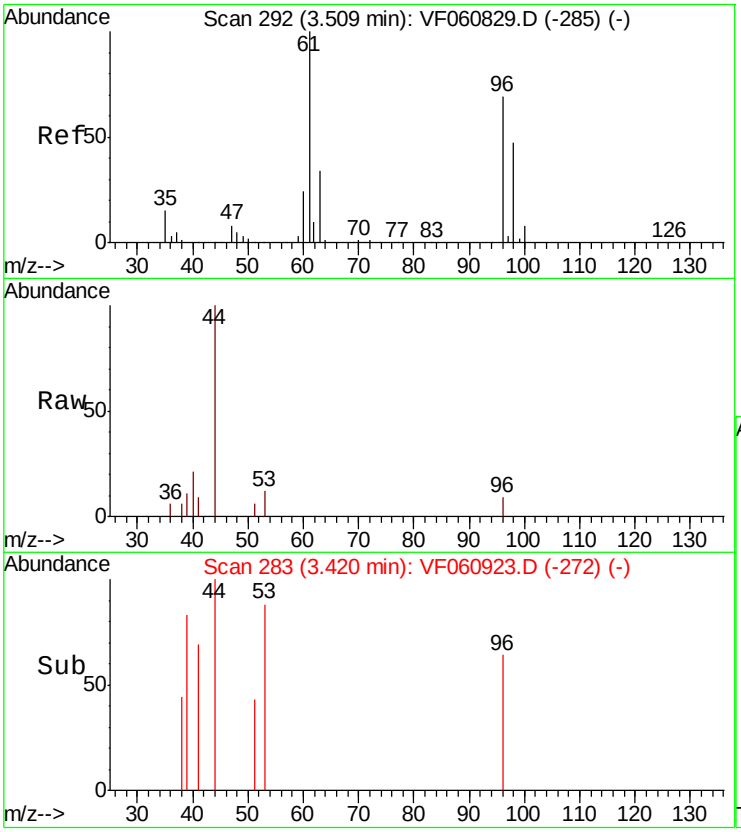


#26
2,2-Dichloropropane
Concen: 3.853 ug/l
RT: 3.64 min Scan# 305
Delta R.T. 0.00 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 77 Resp: 67

Ion	Ratio	Lower	Upper
77	100		
97	0.0	8.6	25.8#



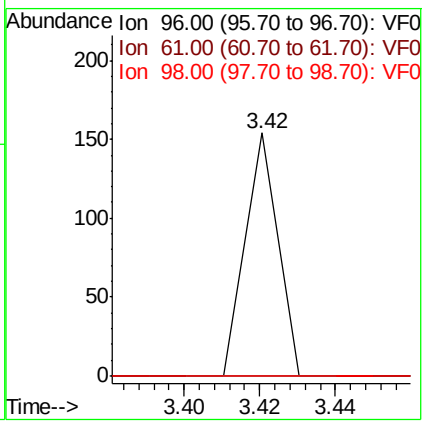


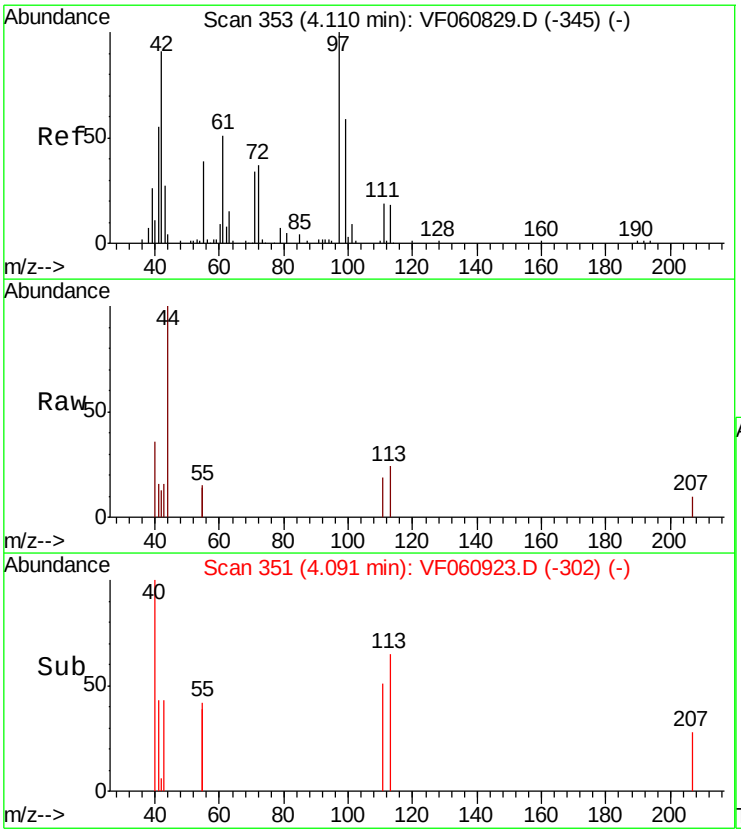
#27
cis-1,2-Dichloroethene
Concen: 4.364 ug/l
RT: 3.42 min Scan# 283
Delta R.T. -0.09 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 96 Resp: 91

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

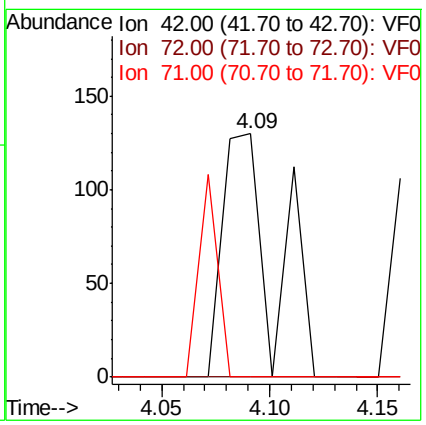


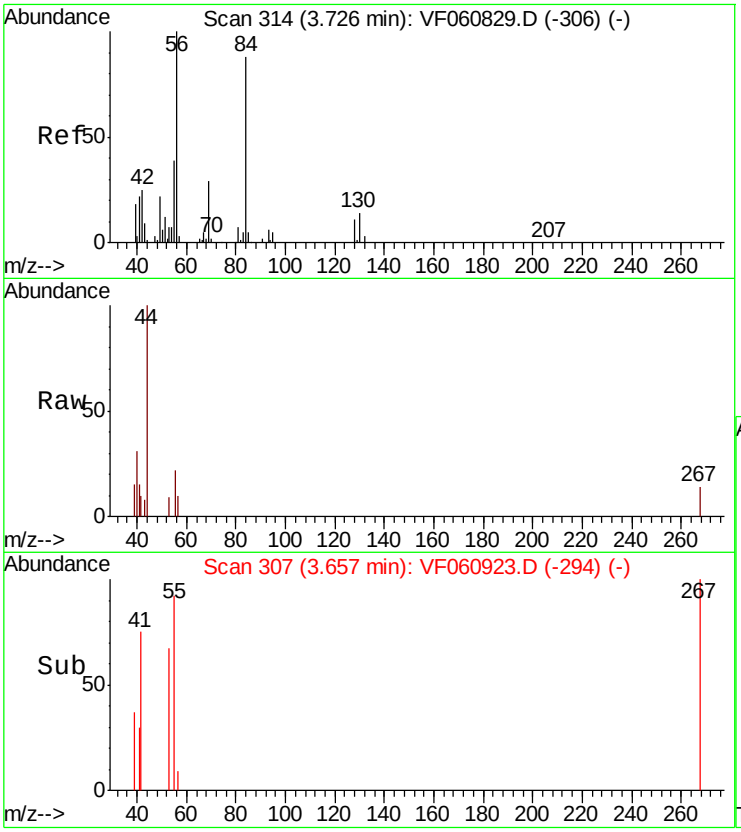


#29
Tetrahydrofuran
Concen: 81.569 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 42 Resp: 218

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	29.4	28.7	43.1



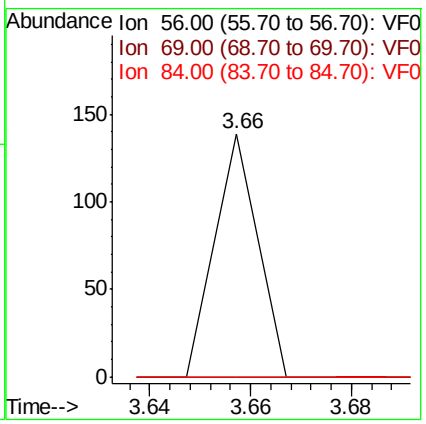


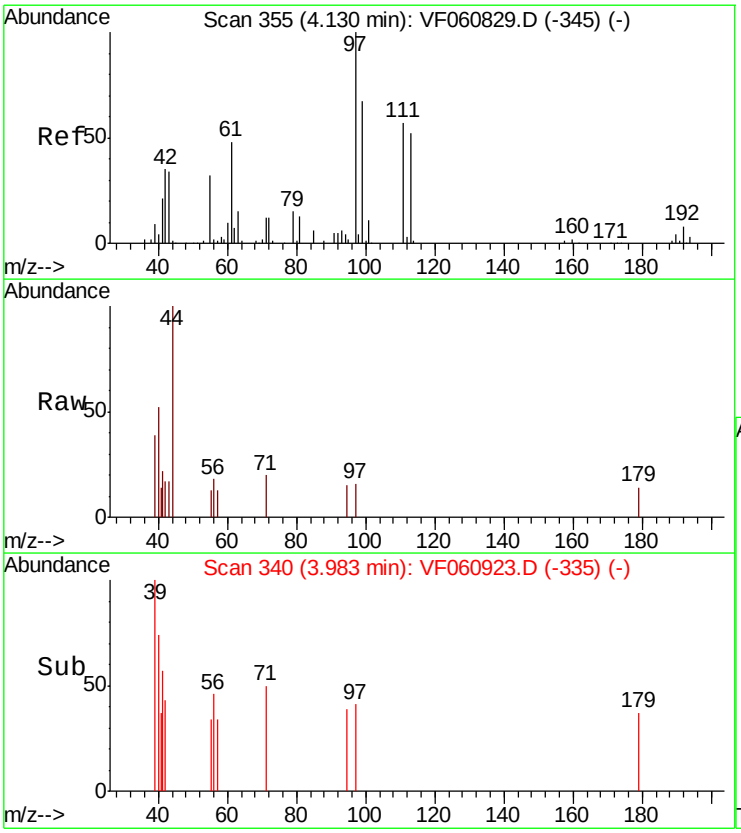
#31
Cyclohexane
Concen: 2.946 ug/l
RT: 3.66 min Scan# 307
Delta R.T. -0.07 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 82

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

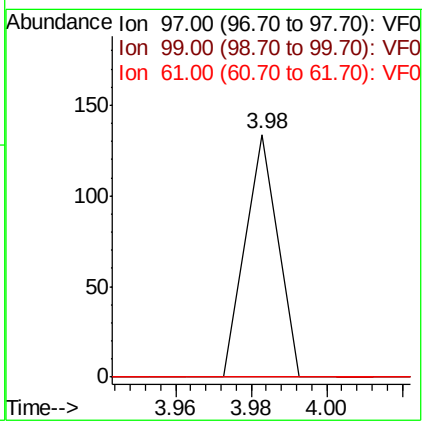


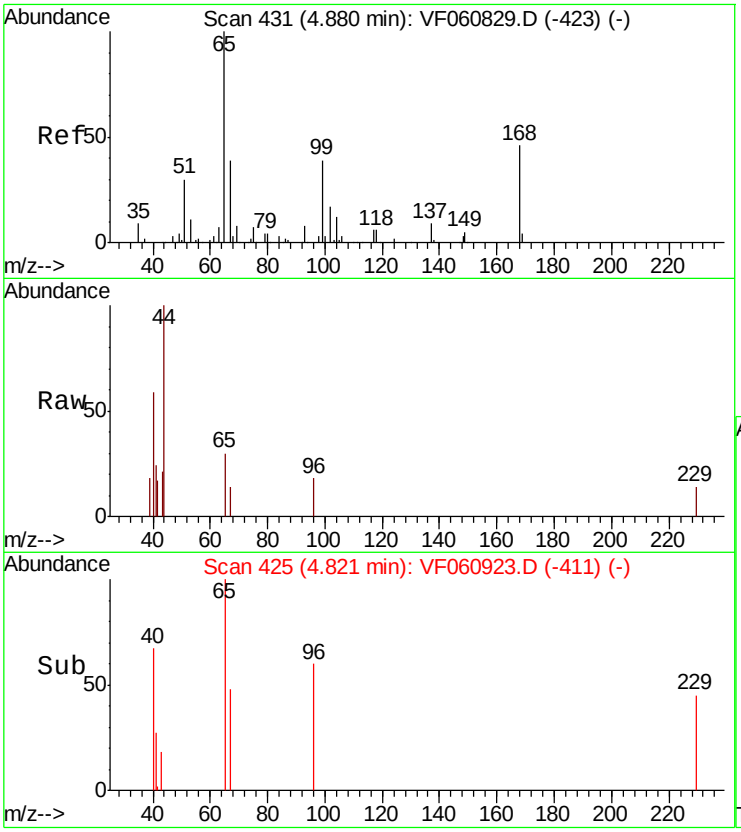


#32
1,1,1-Trichloroethane
Concen: 2.760 ug/l
RT: 3.98 min Scan# 340
Delta R.T. -0.15 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 97 Resp: 79

Ion	Ratio	Lower	Upper
97	100		
99	0.0	53.5	80.3#
61	0.0	38.6	58.0#



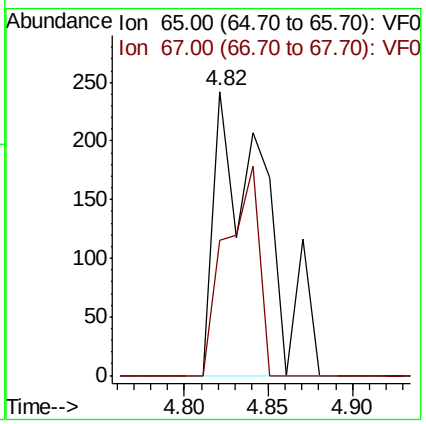


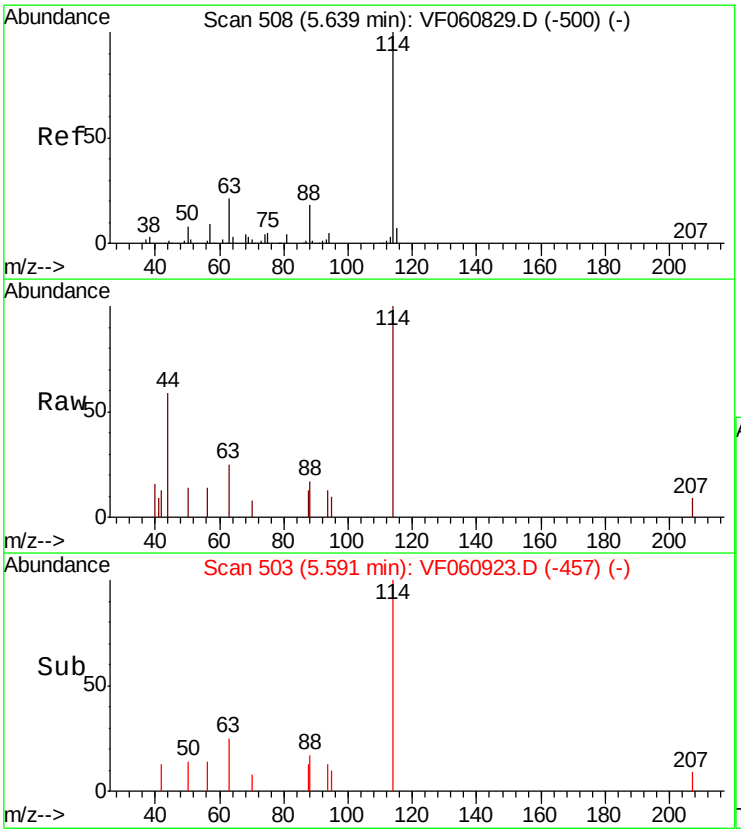
#33
1,2-Dichloroethane-d4
Concen: 25.497 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.06 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 504

Ion	Ratio	Lower	Upper
65	100		
67	47.5	0.0	96.4

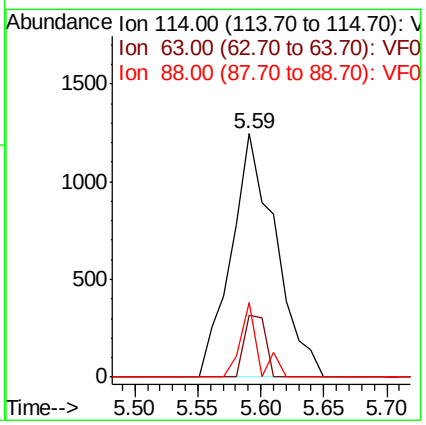


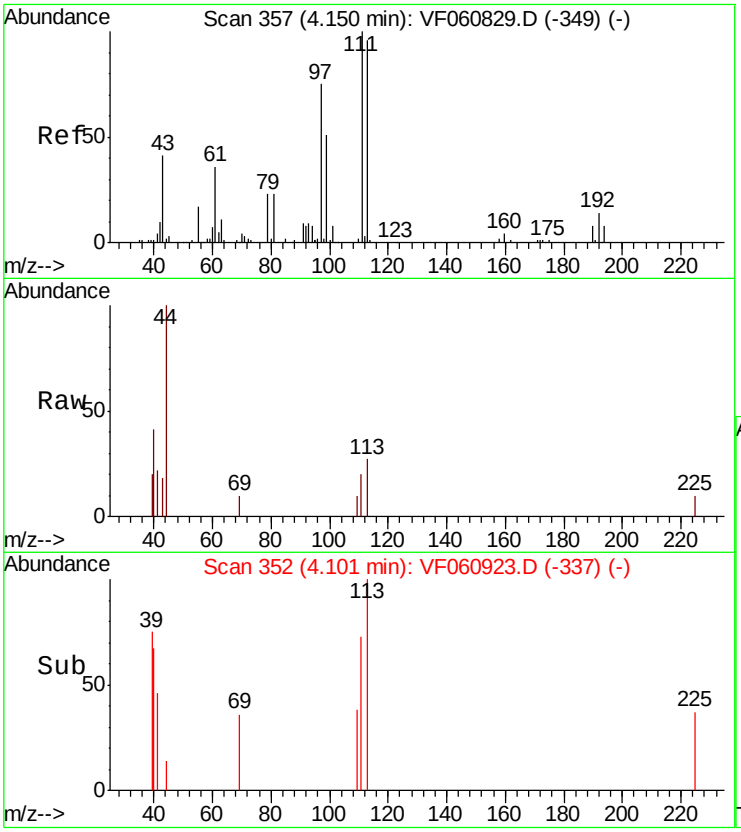


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.05 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion:114 Resp: 3036

Ion	Ratio	Lower	Upper
114	100		
63	25.4	0.0	41.6
88	30.5	0.0	36.6



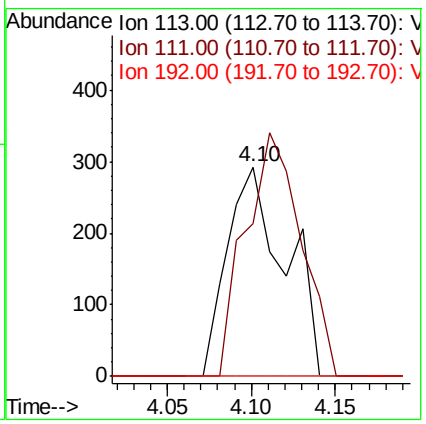


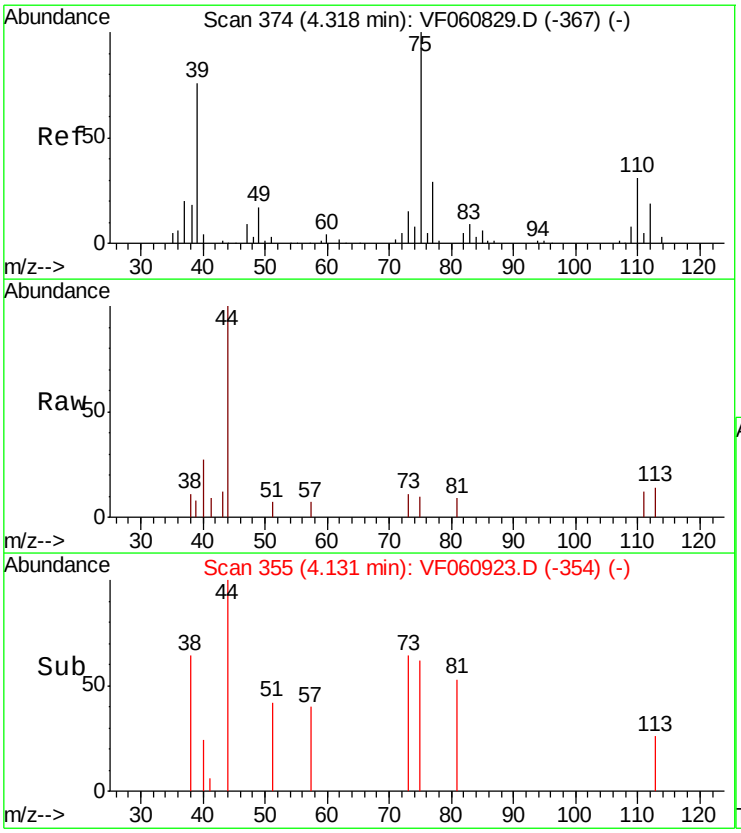
#35
Dibromofluoromethane
Concen: 29.105 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.05 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 701

Ion	Ratio	Lower	Upper
113	100		
111	72.9	83.0	124.6#
192	0.0	12.3	18.5#

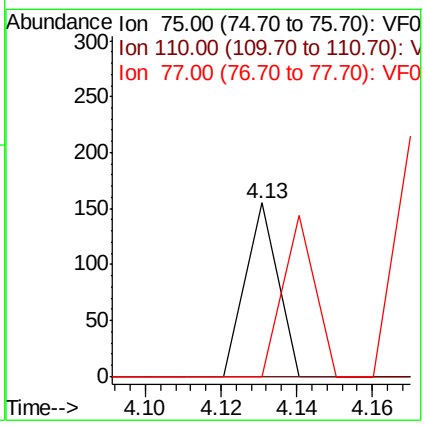


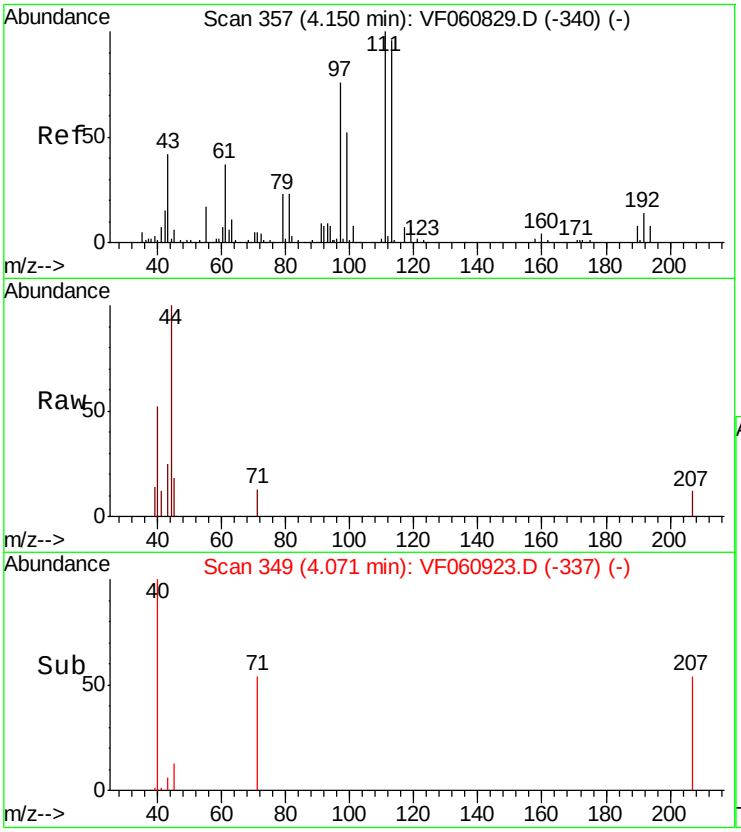


#36
1,1-Dichloropropene
Concen: 2.732 ug/l
RT: 4.13 min Scan# 355
Delta R.T. -0.19 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 75 Resp: 92

Ion	Ratio	Lower	Upper
75	100		
110	0.0	15.6	46.8#
77	0.0	23.4	35.0#



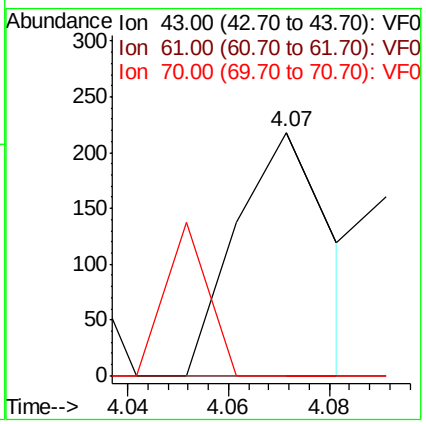


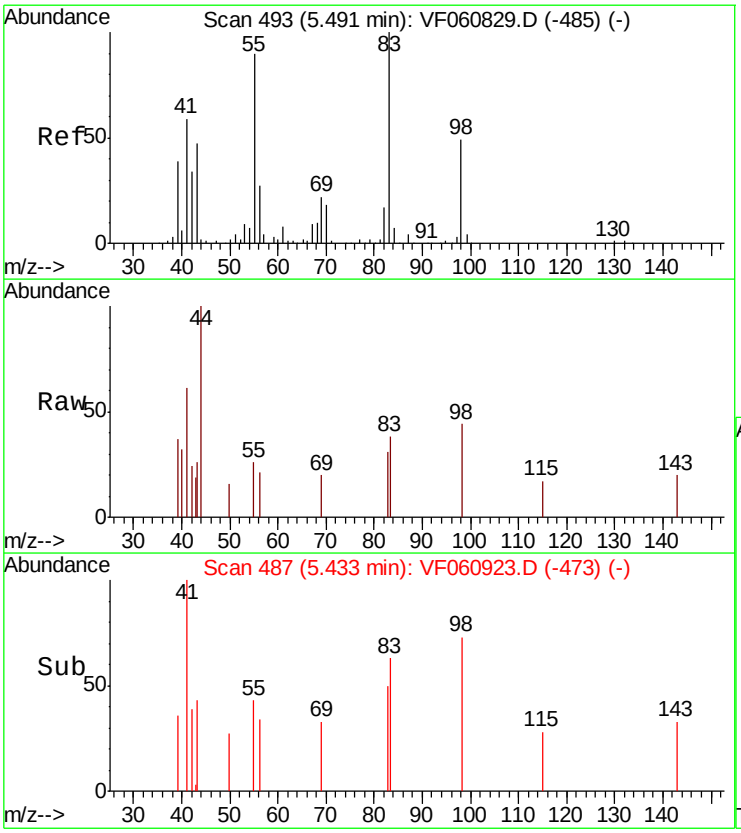
#37
Ethyl Acetate
Concen: 20.534 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.08 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 281

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

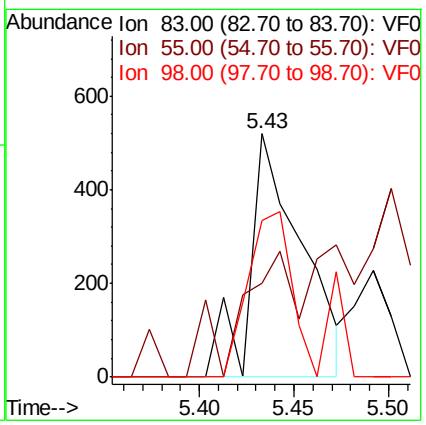


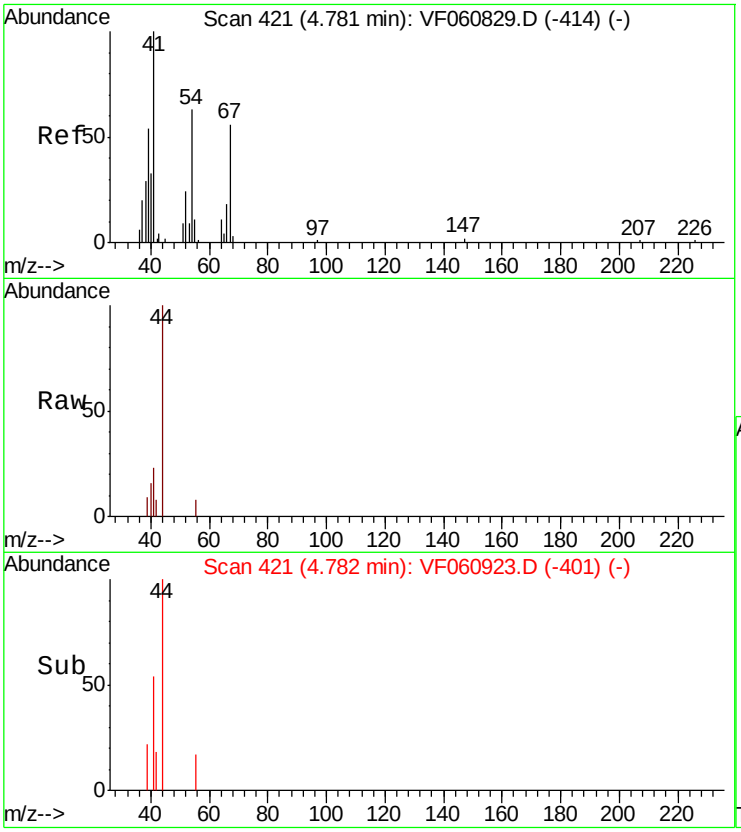


#39
Methylcyclohexane
Concen: 28.422 ug/l
RT: 5.43 min Scan# 487
Delta R.T. -0.06 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 83 Resp: 1003

Ion	Ratio	Lower	Upper
83	100		
55	38.5	72.1	108.1#
98	64.2	39.1	58.7#



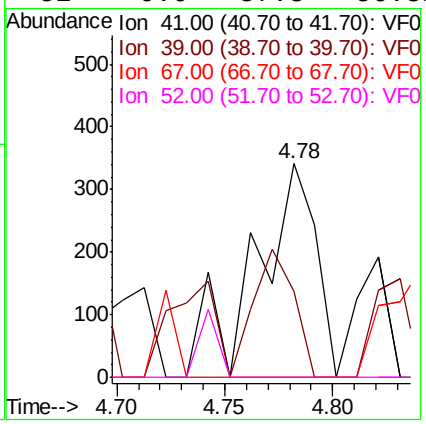


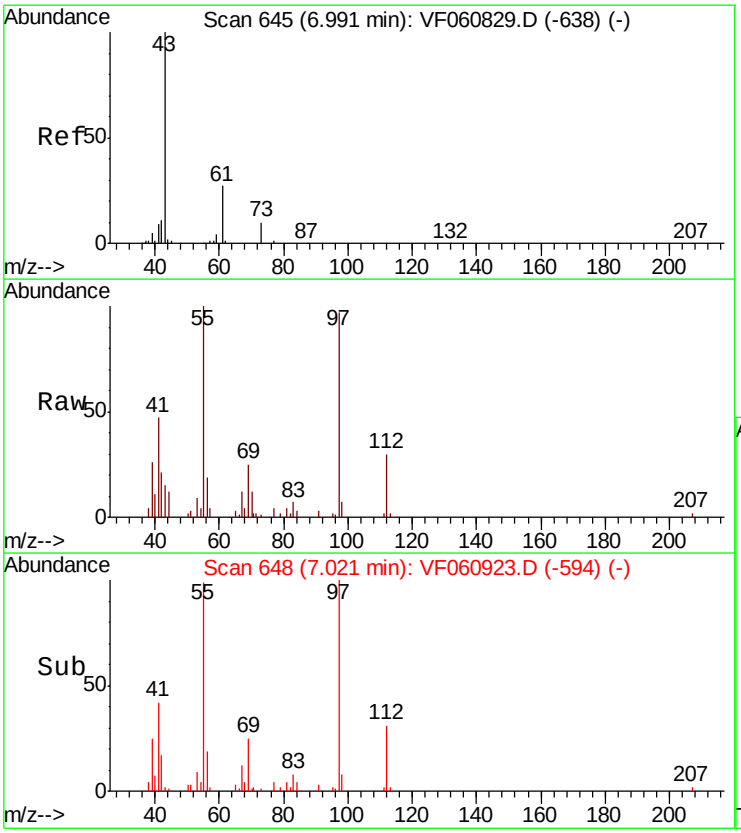
#41
Methacrylonitrile
Concen: 98.313 ug/l
RT: 4.78 min Scan# 421
Delta R.T. 0.00 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 670

Ion	Ratio	Lower	Upper
41	100		
39	40.5	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#

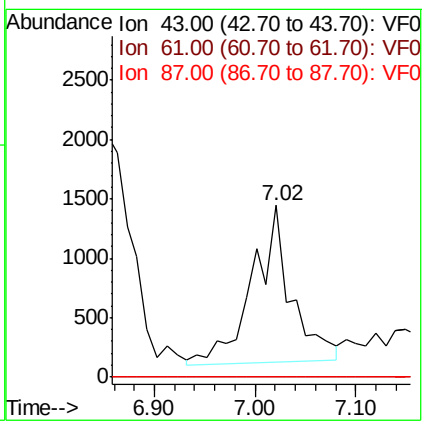


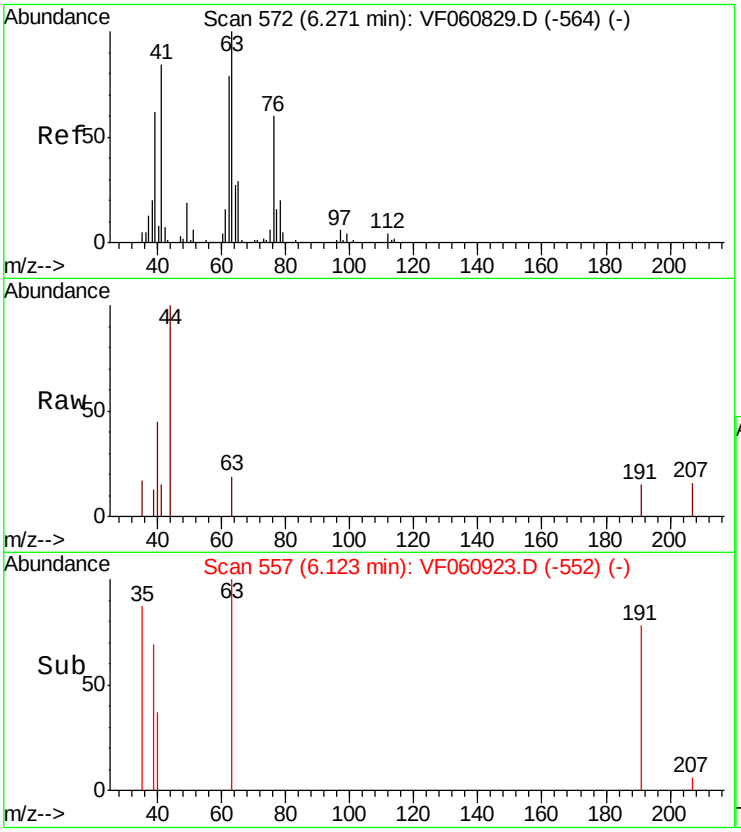


#43
Isopropyl Acetate
Concen: 219.666 ug/l
RT: 7.02 min Scan# 648
Delta R.T. 0.03 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 43 Resp: 3553

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



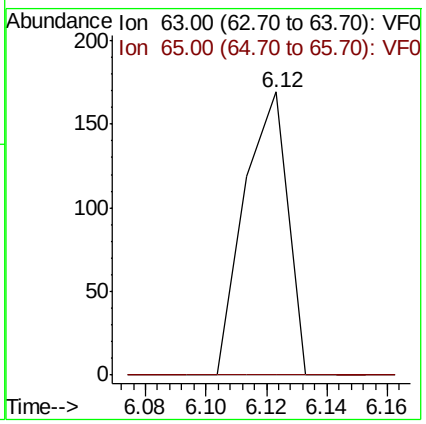


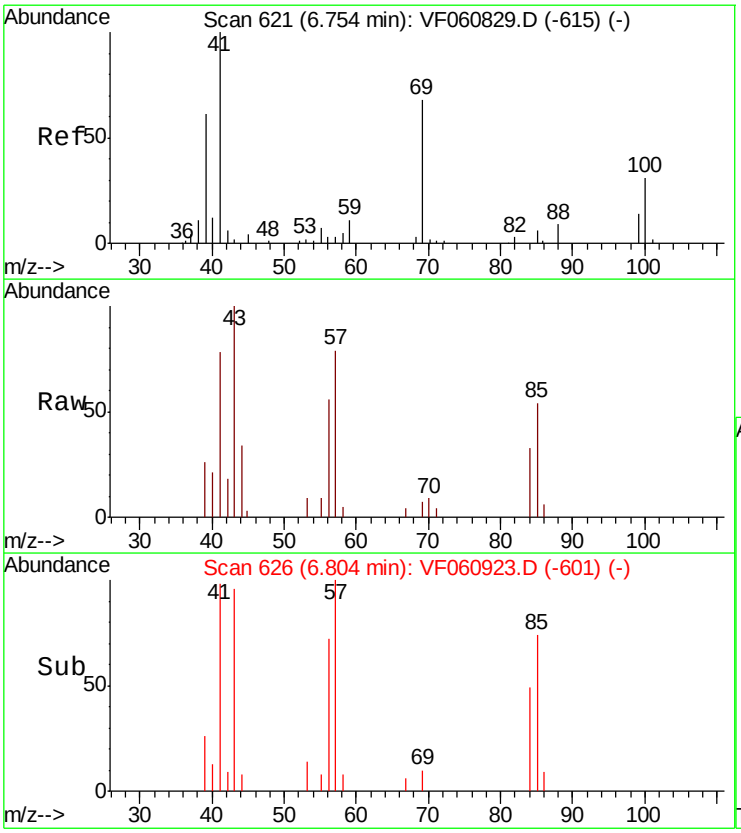
#45
1,2-Dichloropropane
Concen: 8.799 ug/l
RT: 6.12 min Scan# 557
Delta R.T. -0.15 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 63 Resp: 170

Ion	Ratio	Lower	Upper
63	100		
65	0.0	23.2	34.8#

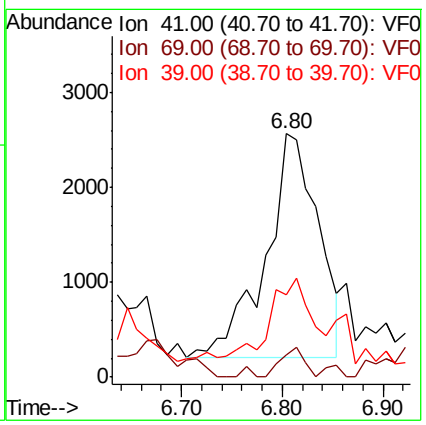


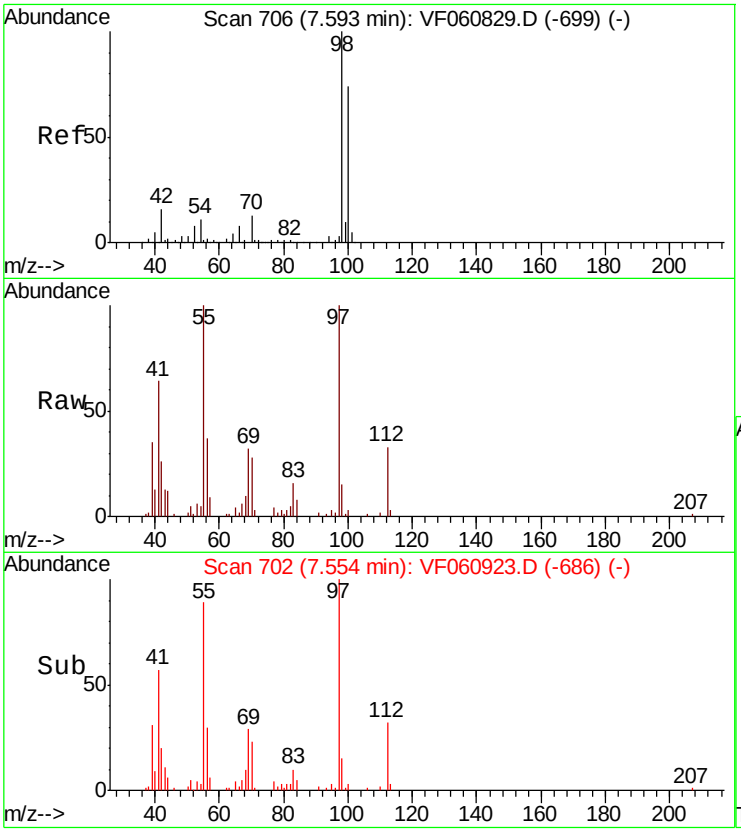


#48
Methyl methacrylate
Concen: 695.179 ug/l
RT: 6.80 min Scan# 626
Delta R.T. 0.05 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 41 Resp: 8611

Ion	Ratio	Lower	Upper
41	100		
69	8.9	53.9	80.9#
39	33.9	49.0	73.6#



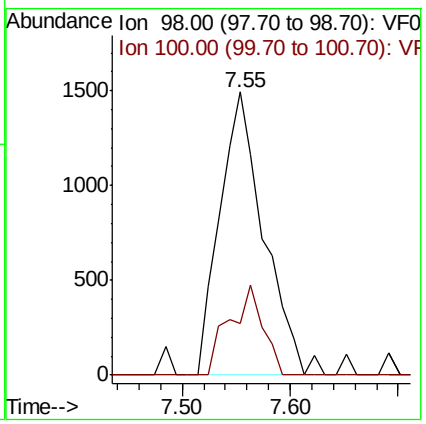


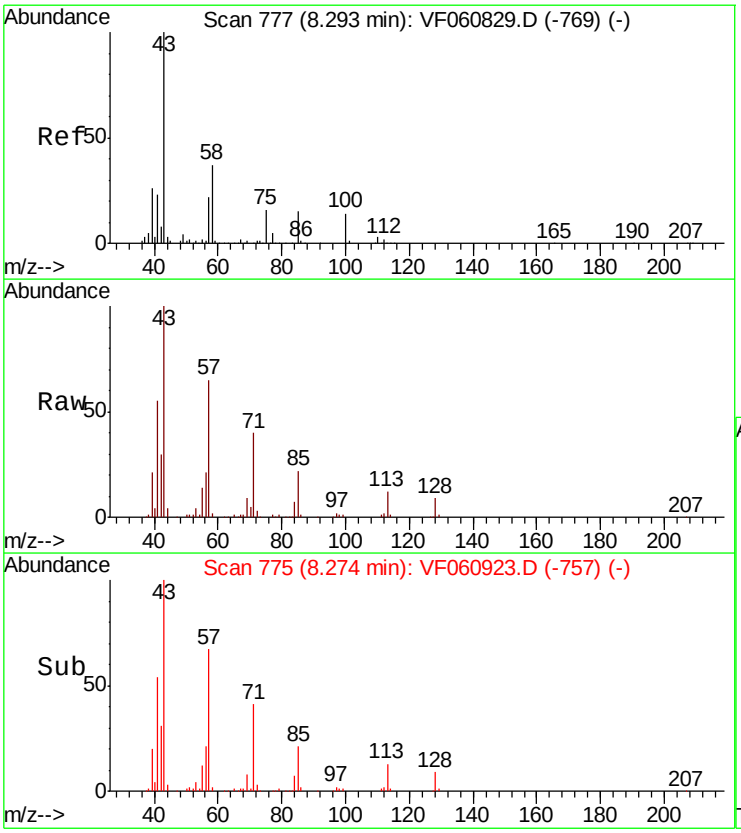
#50
Toluene-d8
Concen: 59.635 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 4231

Ion	Ratio	Lower	Upper
98	100		
100	18.4	59.3	88.9#

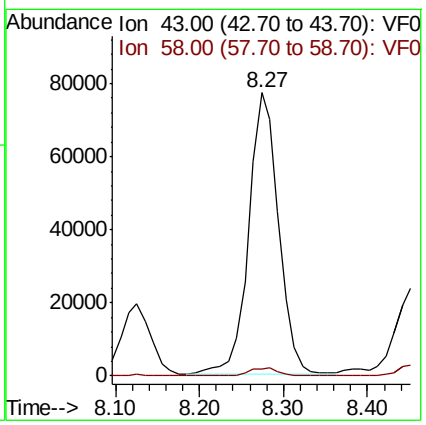


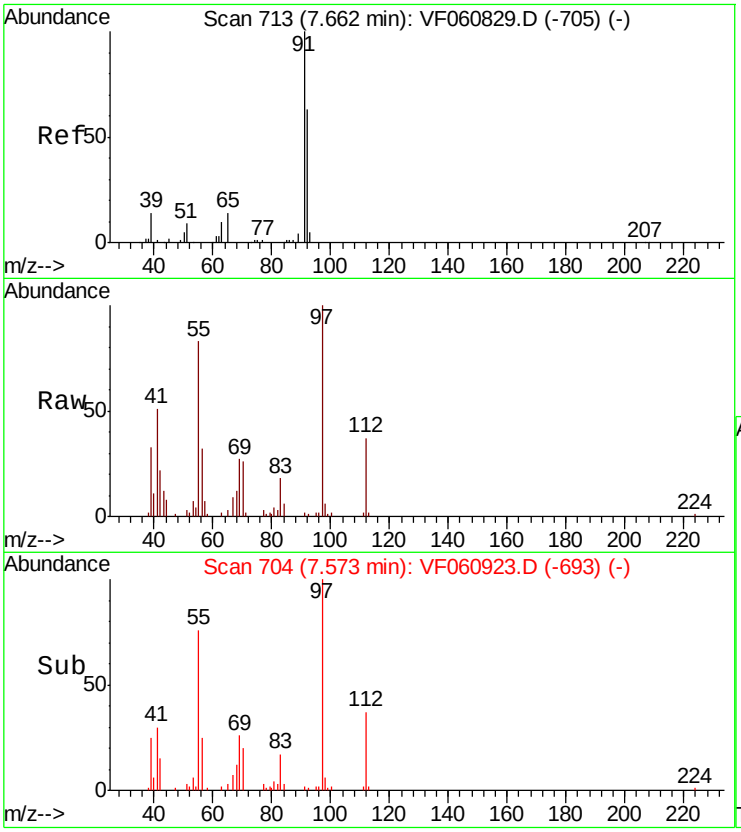


#51
4-Methyl-2-Pentanone
Concen: 15194.679 ug/l
RT: 8.27 min Scan# 775
Delta R.T. -0.02 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 43 Resp: 191744

Ion	Ratio	Lower	Upper
43	100		
58	2.2	29.7	44.5#



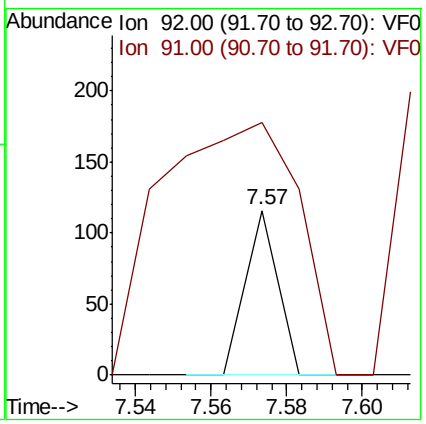


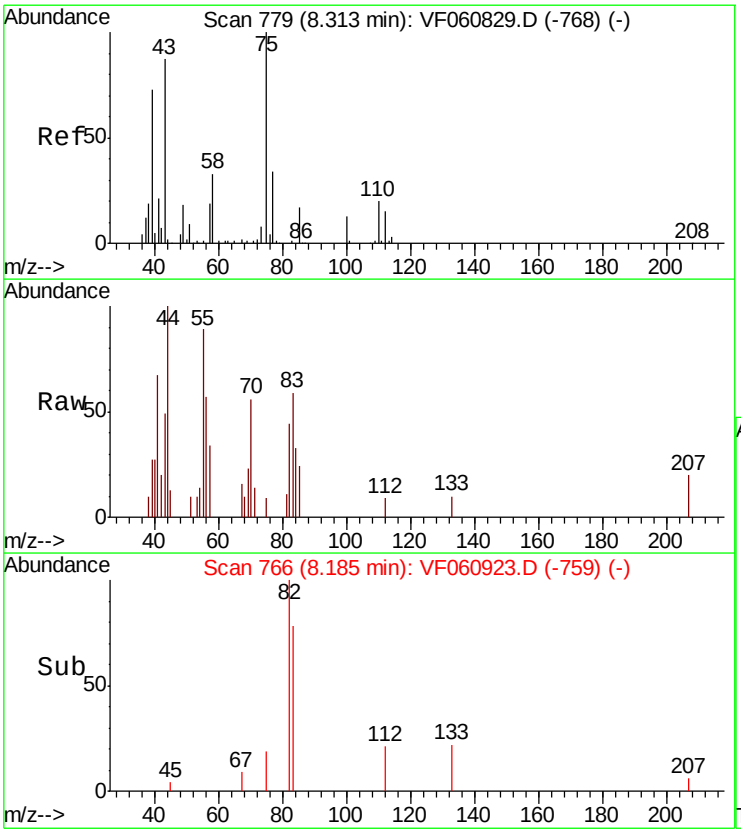
#52
Toluene
Concen: 1.320 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.09 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 92 Resp: 69

Ion	Ratio	Lower	Upper
92	100		
91	153.4	126.2	189.2

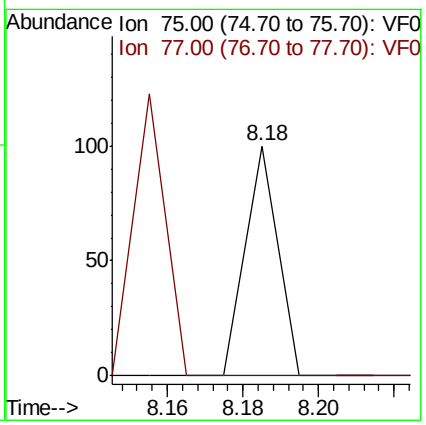


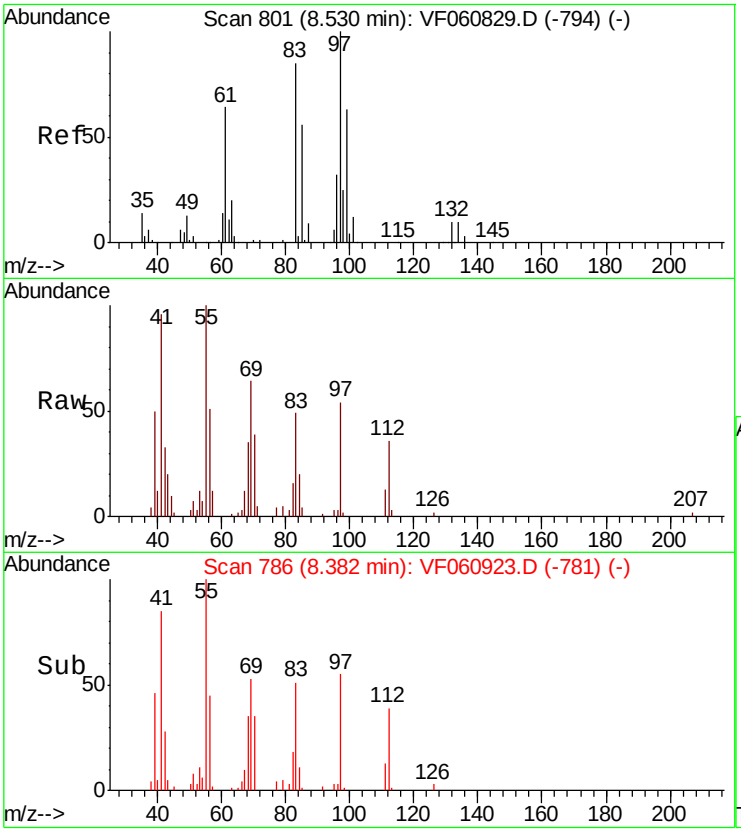


#53
t-1,3-Dichloropropene
Concen: 2.084 ug/l
RT: 8.18 min Scan# 766
Delta R.T. -0.13 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 75 Resp: 59

Ion	Ratio	Lower	Upper
75	100		
77	0.0	27.4	41.2#



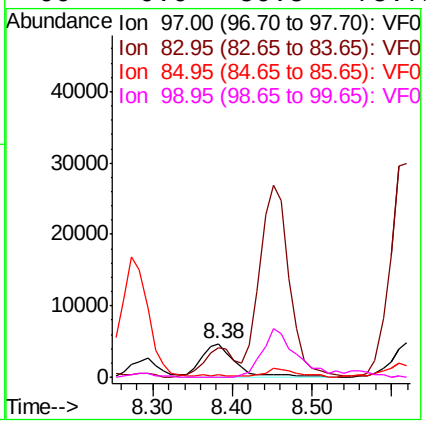


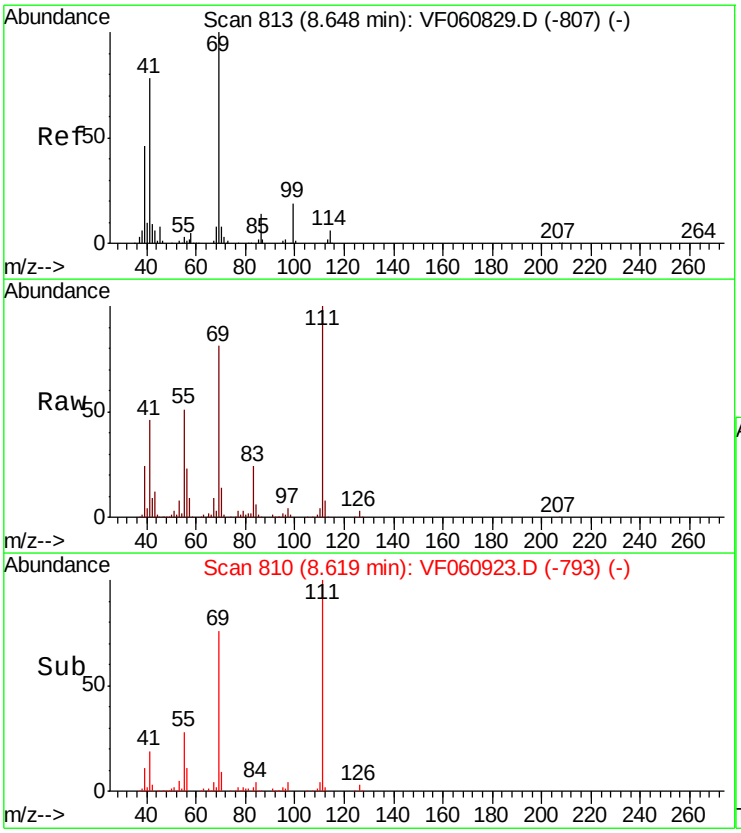
#55
1,1,2-Trichloroethane
Concen: 914.199 ug/l
RT: 8.38 min Scan# 786
Delta R.T. -0.15 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 97 Resp: 13920

Ion	Ratio	Lower	Upper
97	100		
83	89.5	67.8	101.6
85	7.1	45.0	67.6#
99	0.0	50.5	75.7#

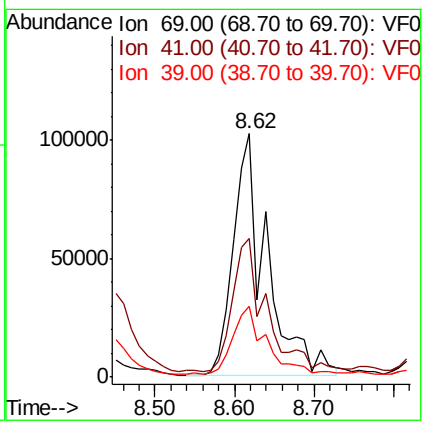


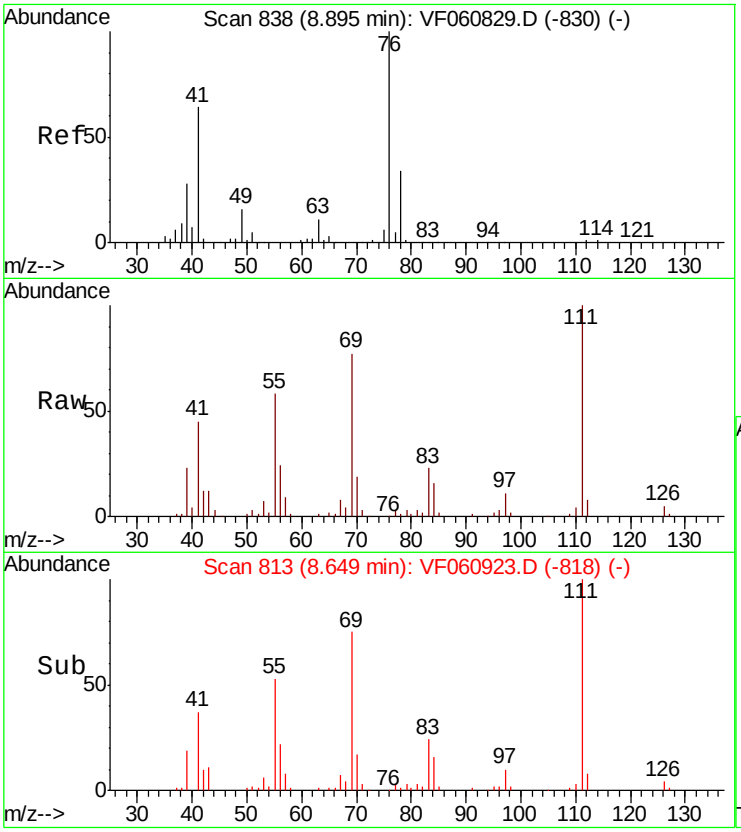


#56
Ethyl methacrylate
Concen: 17640.519 ug/l
RT: 8.62 min Scan# 810
Delta R.T. -0.03 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 69 Resp: 298383

Ion	Ratio	Lower	Upper
69	100		
41	56.9	62.6	94.0#
39	29.1	37.8	56.6#



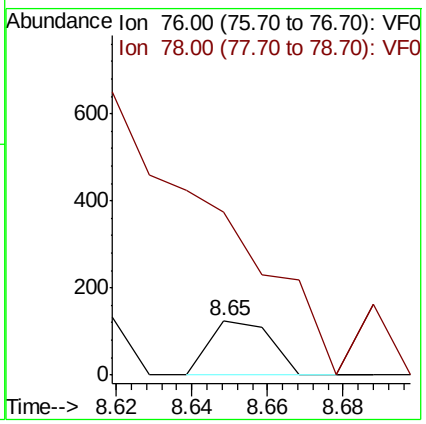


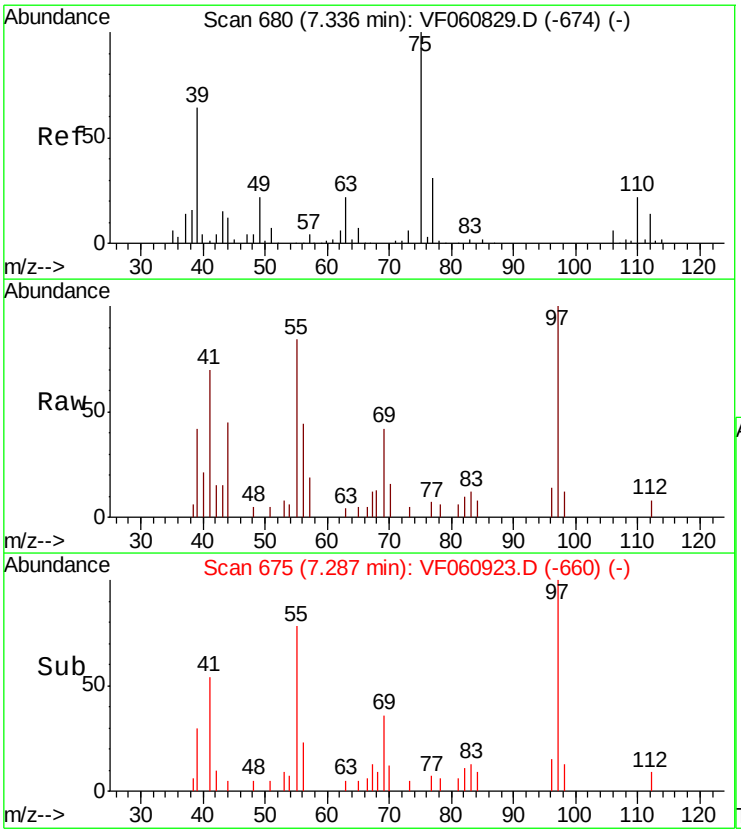
#57
1,3-Dichloropropane
Concen: 5.180 ug/l
RT: 8.65 min Scan# 813
Delta R.T. -0.25 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 76 Resp: 138

Ion	Ratio	Lower	Upper
76	100		
78	299.2	27.0	40.4#

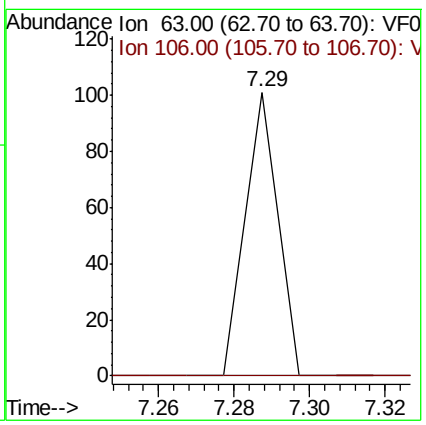


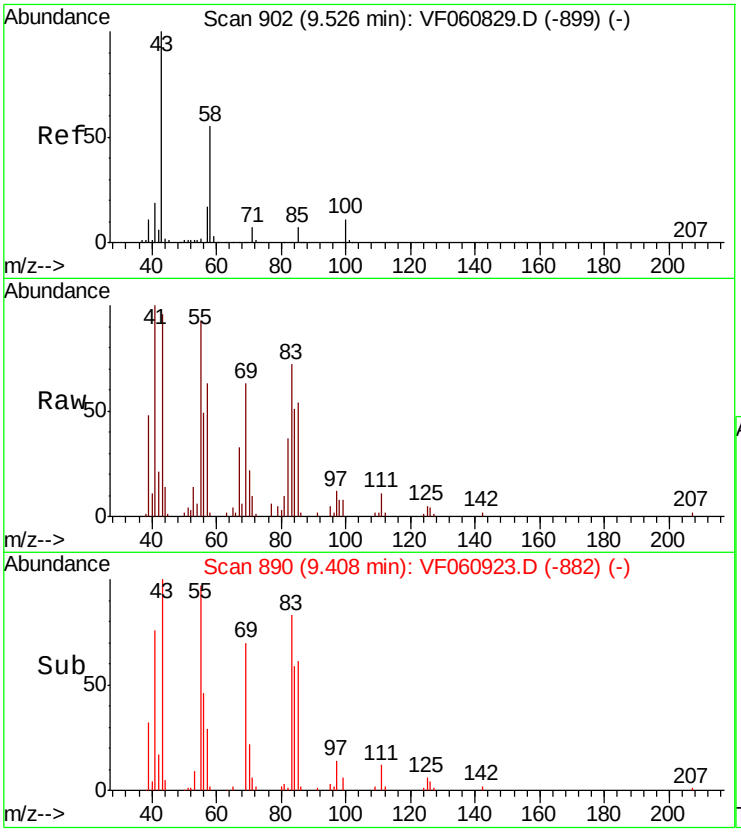


#58
2-Chloroethyl Vinyl ether
Concen: 34.680 ug/l
RT: 7.29 min Scan# 675
Delta R.T. -0.05 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 63 Resp: 60

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.0	34.6#



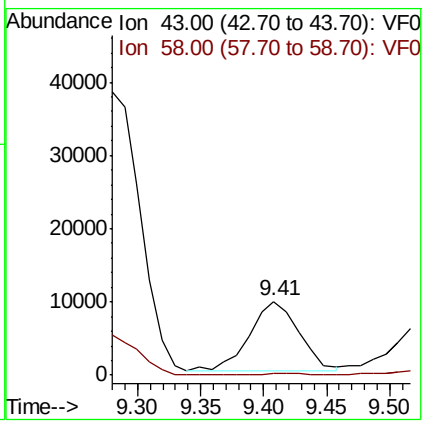


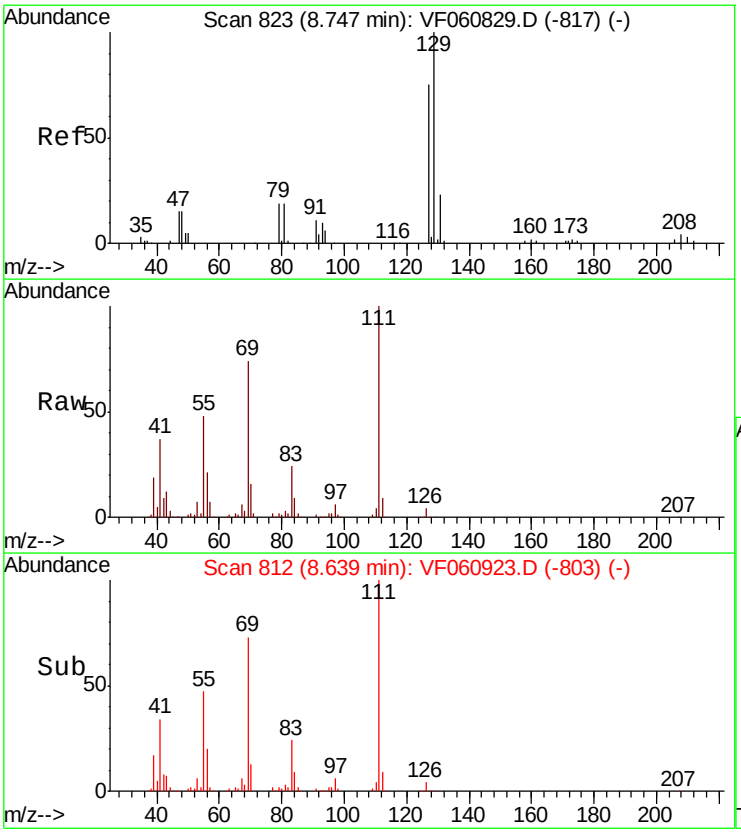
#59
2-Hexanone
Concen: 2900.337 ug/l
RT: 9.41 min Scan# 890
Delta R.T. -0.12 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 25677

Ion	Ratio	Lower	Upper
43	100		
58	2.5	25.6	76.6#

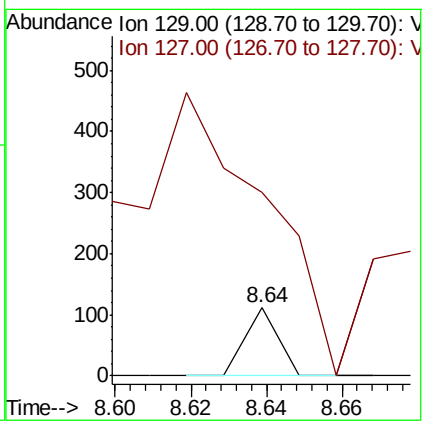


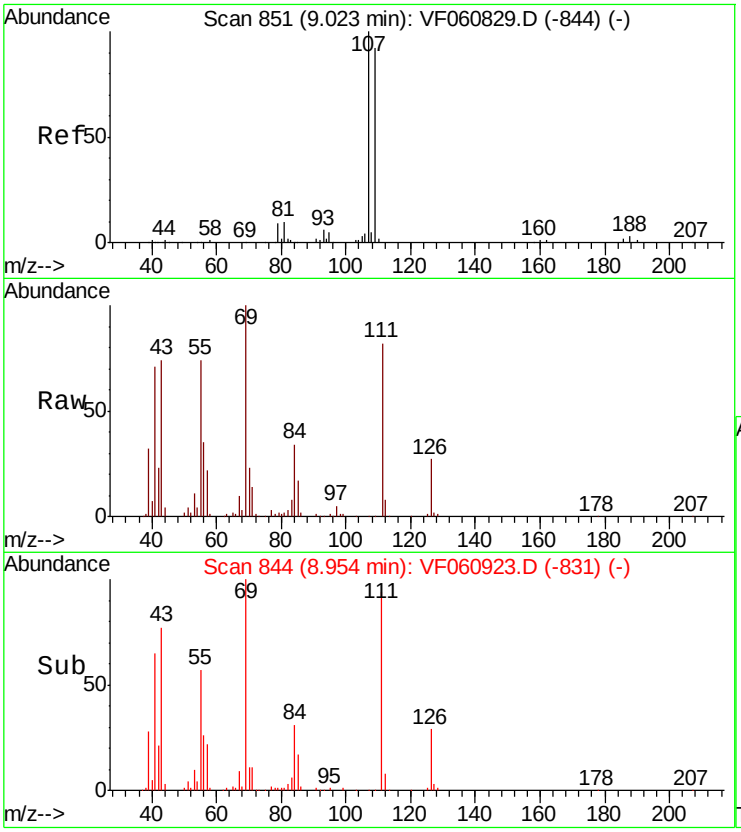


#60
Dibromochloromethane
Concen: 2.909 ug/l
RT: 8.64 min Scan# 812
Delta R.T. -0.11 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion:129 Resp: 66

Ion	Ratio	Lower	Upper
129	100		
127	270.3	37.3	111.9#



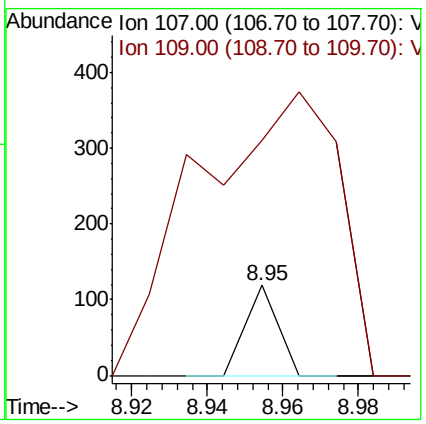


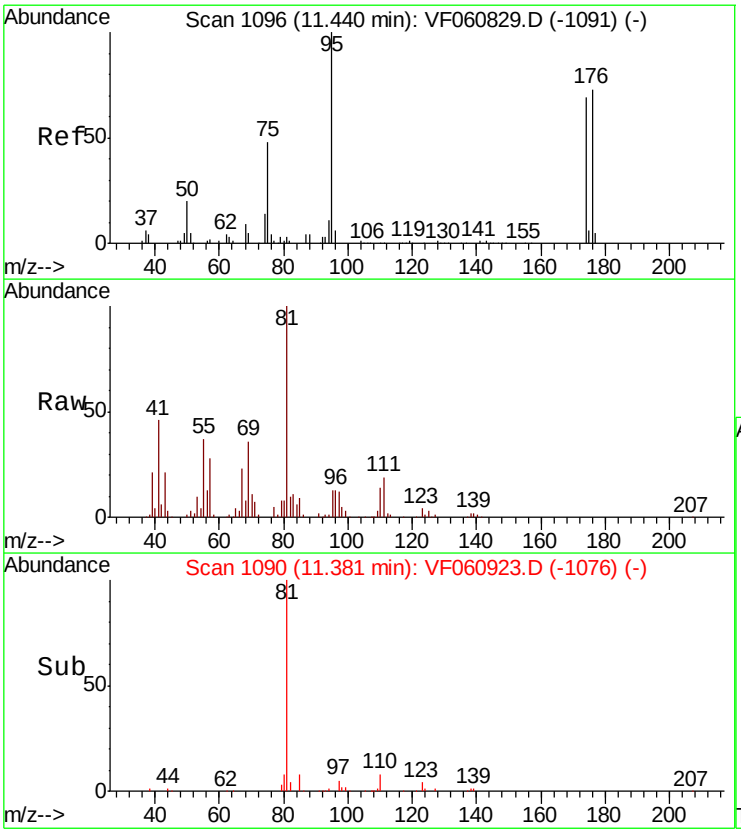
#61
1,2-Dibromoethane
Concen: 4.256 ug/l
RT: 8.95 min Scan# 844
Delta R.T. -0.07 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:107 Resp: 70

Ion	Ratio	Lower	Upper
107	100		
109	261.3	73.6	110.4#

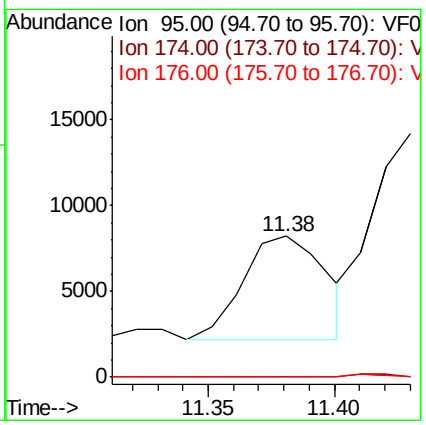


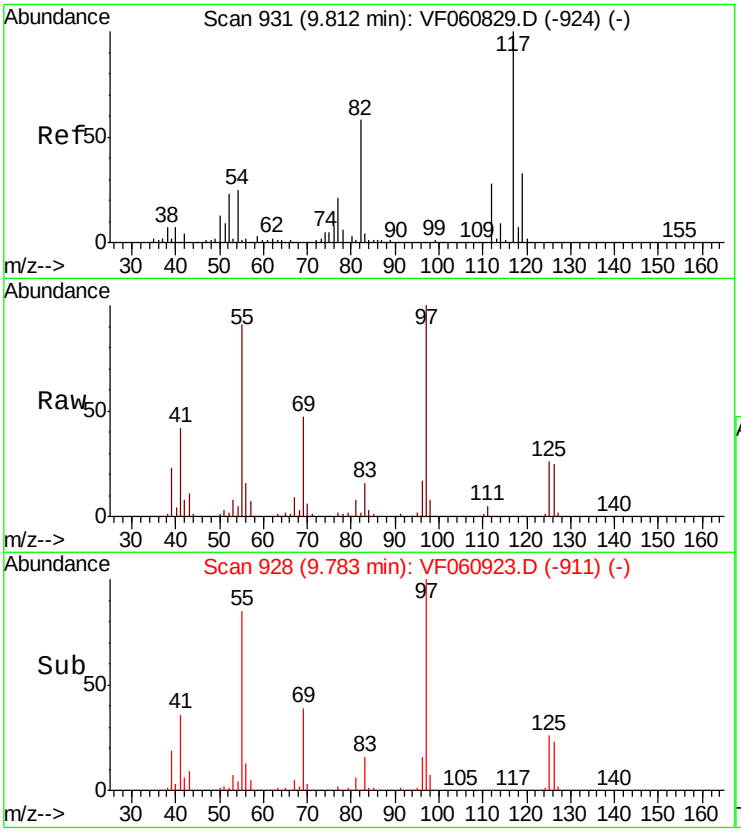


#62
4-Bromofluorobenzene
Concen: 426.454 ug/l
RT: 11.38 min Scan# 1090
Delta R.T. -0.06 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 95 Resp: 13751

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



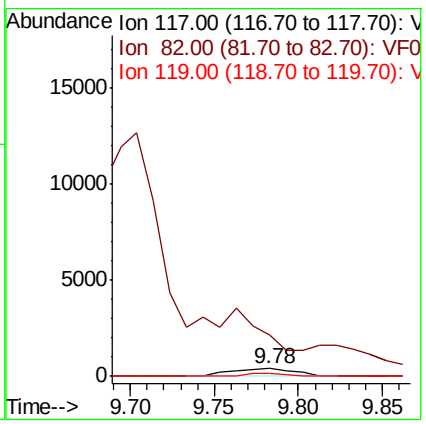


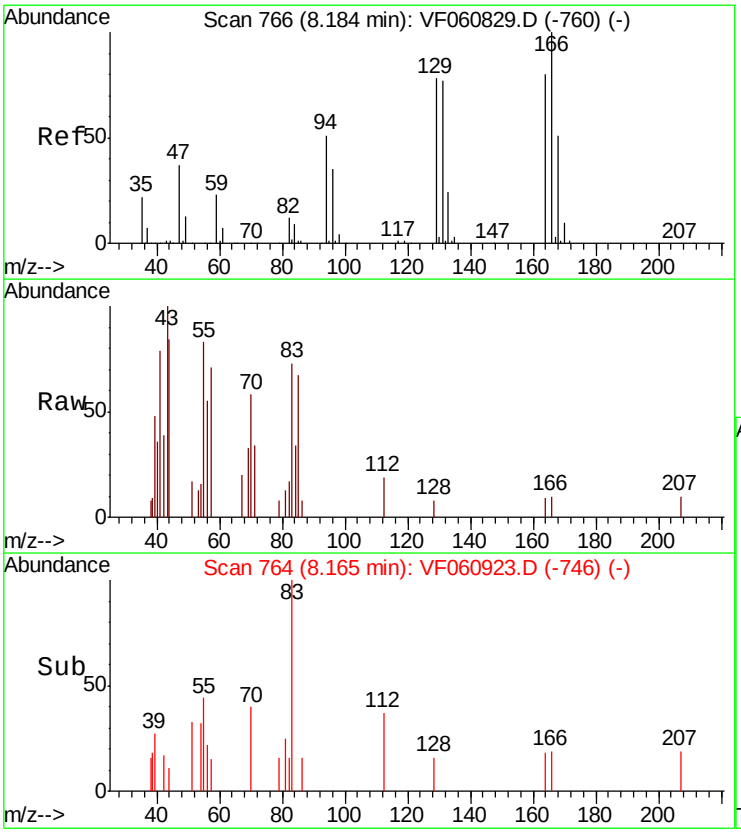
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 1042

Ion	Ratio	Lower	Upper
117	100		
82	534.8	46.6	69.8#
119	40.0	26.4	39.6#

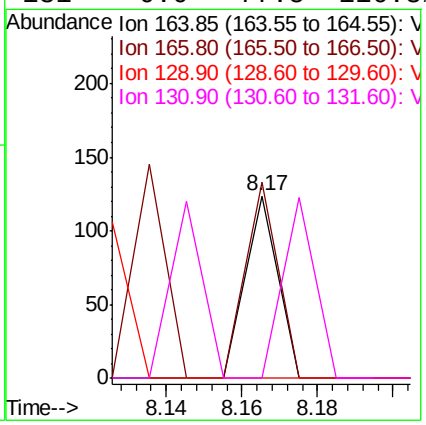


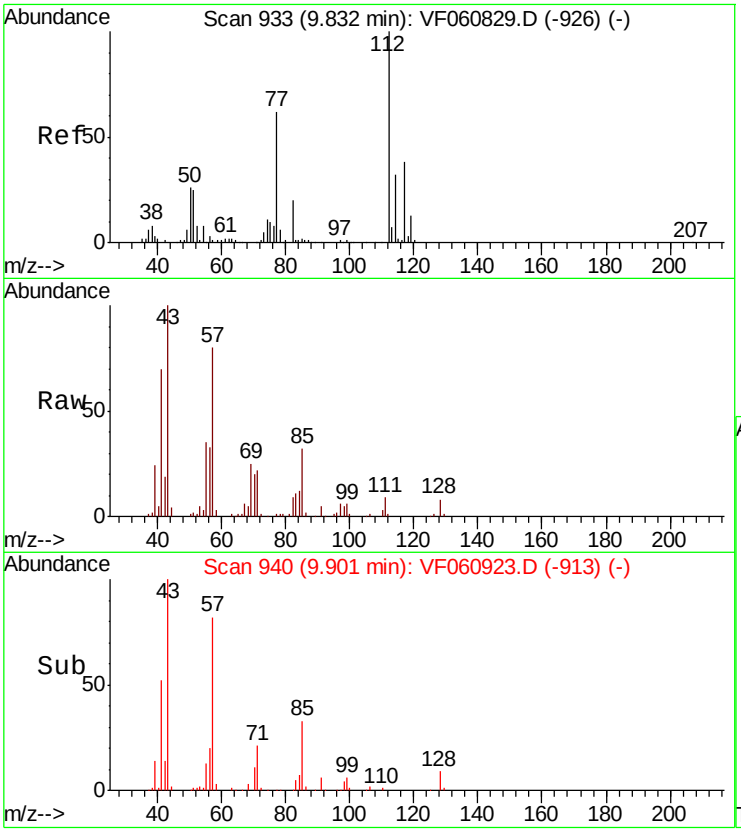


#64
Tetrachloroethene
Concen: 9.172 ug/l
RT: 8.17 min Scan# 764
Delta R.T. -0.02 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion:164 Resp: 73

Ion	Ratio	Lower	Upper
164	100		
166	107.3	100.3	150.5
129	0.0	77.9	116.9#
131	0.0	77.5	116.3#



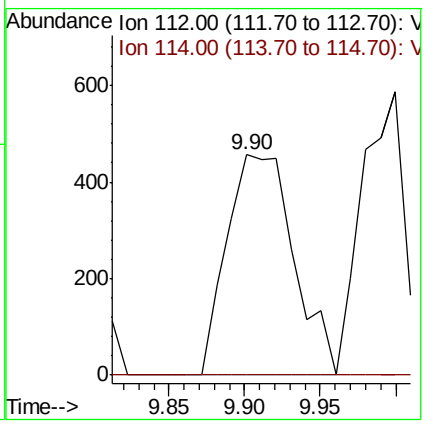


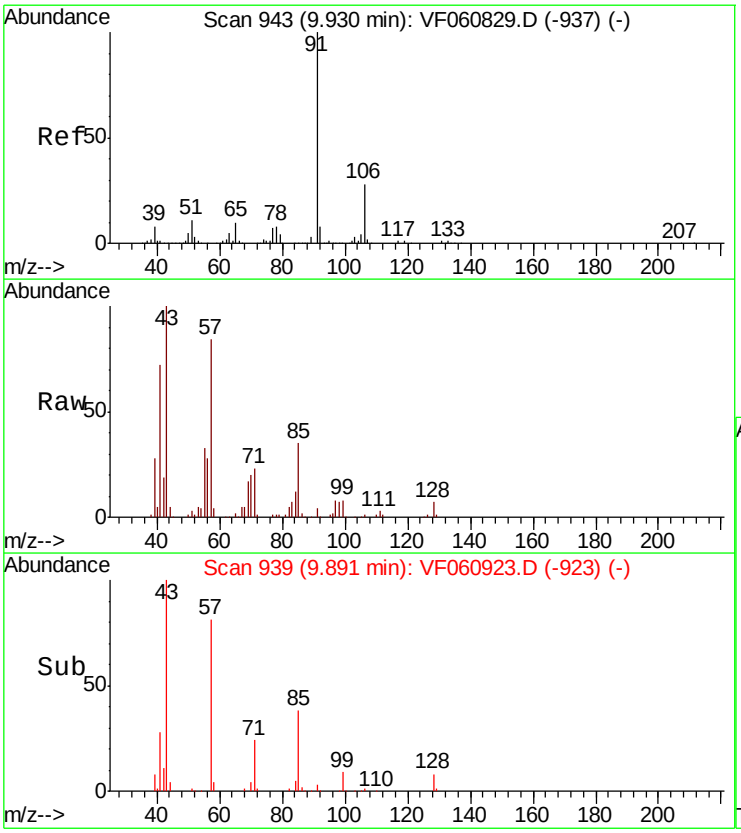
#65
Chlorobenzene
Concen: 69.262 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.07 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:112 Resp: 1404

Ion	Ratio	Lower	Upper
112	100		
114	0.0	26.0	39.0#

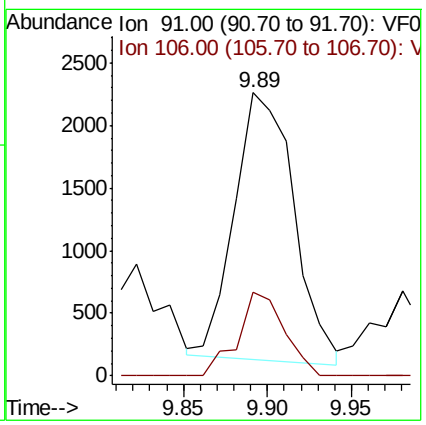


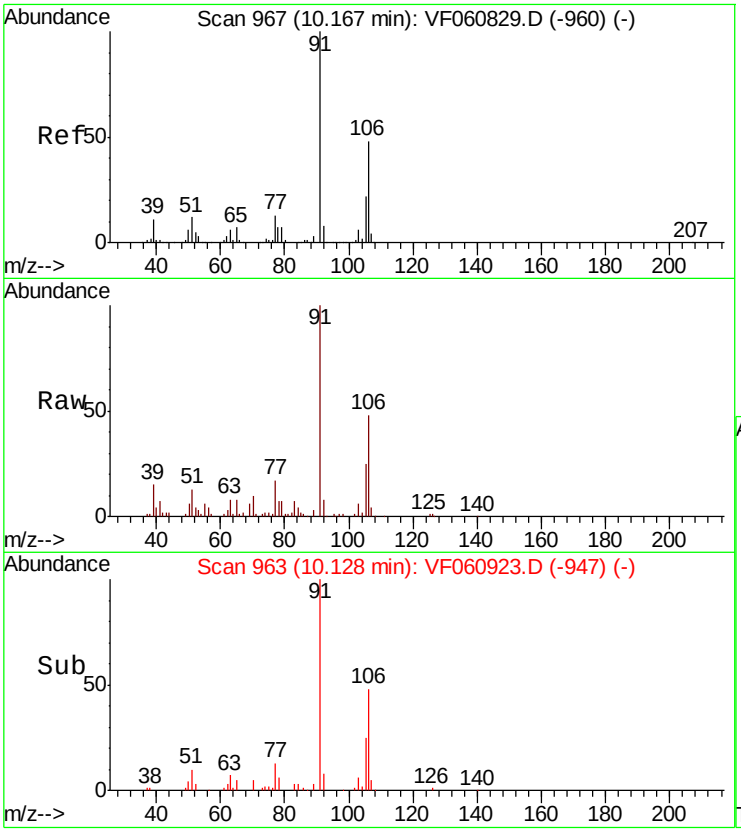


#67
Ethyl Benzene
Concen: 138.798 ug/l
RT: 9.89 min Scan# 939
Delta R.T. -0.04 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 91 Resp: 5238

Ion	Ratio	Lower	Upper
91	100		
106	29.5	22.2	33.2



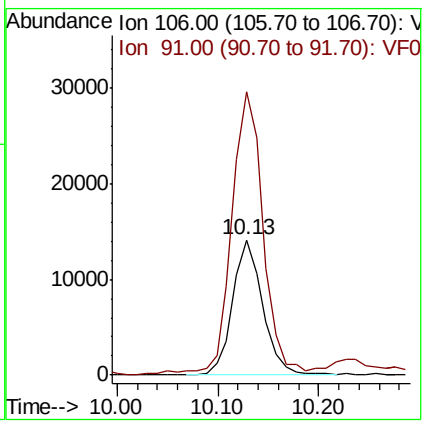


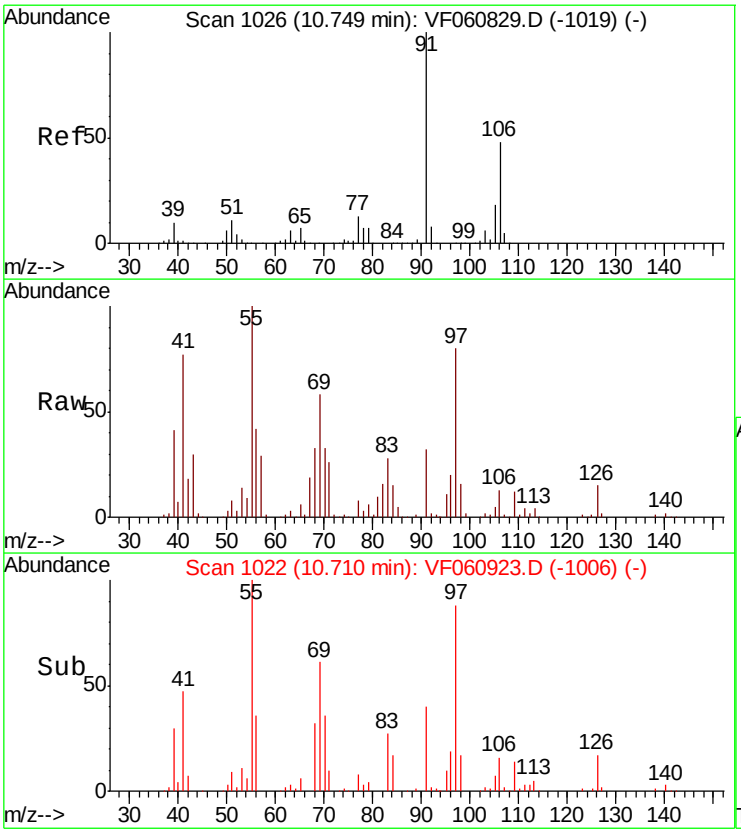
#68
m/p-Xylenes
Concen: 2157.157 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.04 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 29279

Ion	Ratio	Lower	Upper
106	100		
91	209.8	166.7	250.1

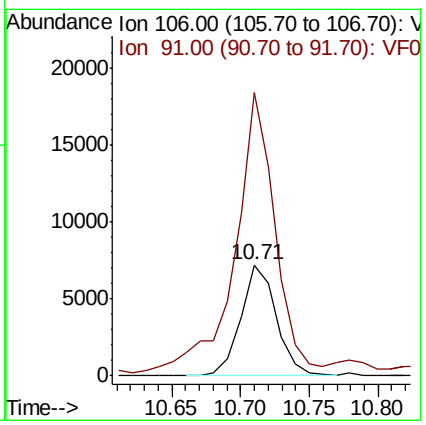


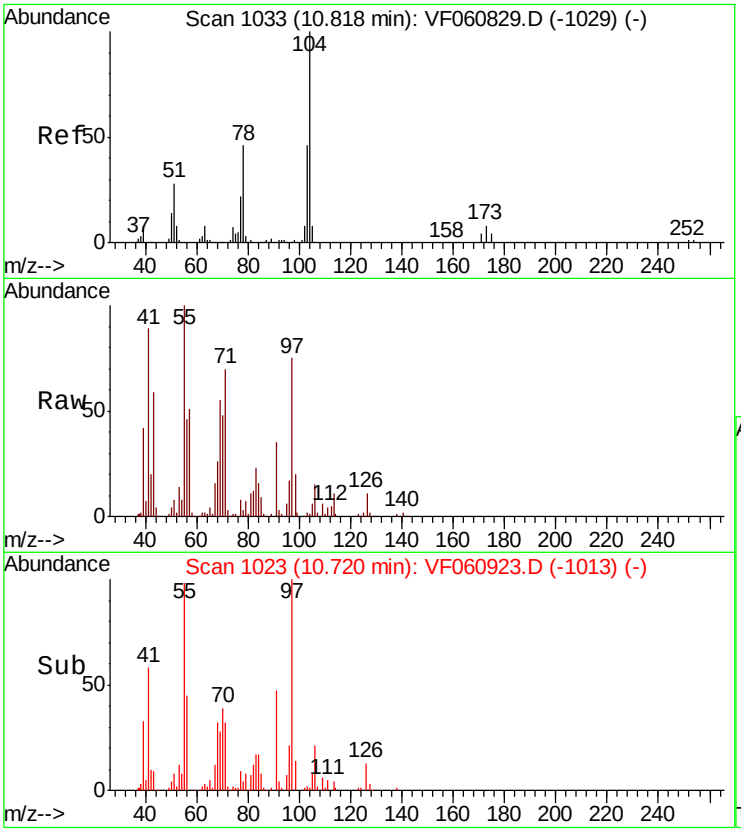


#69
o-Xylene
Concen: 871.247 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. -0.04 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion:106 Resp: 13040

Ion	Ratio	Lower	Upper
106	100		
91	255.2	104.8	314.6



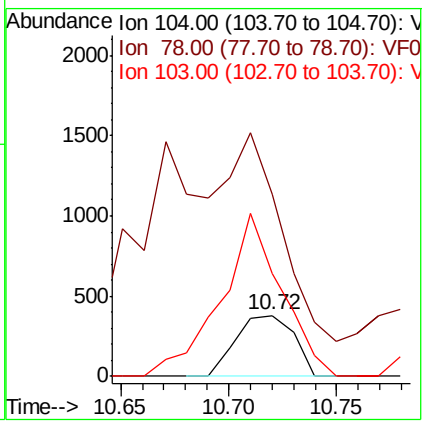


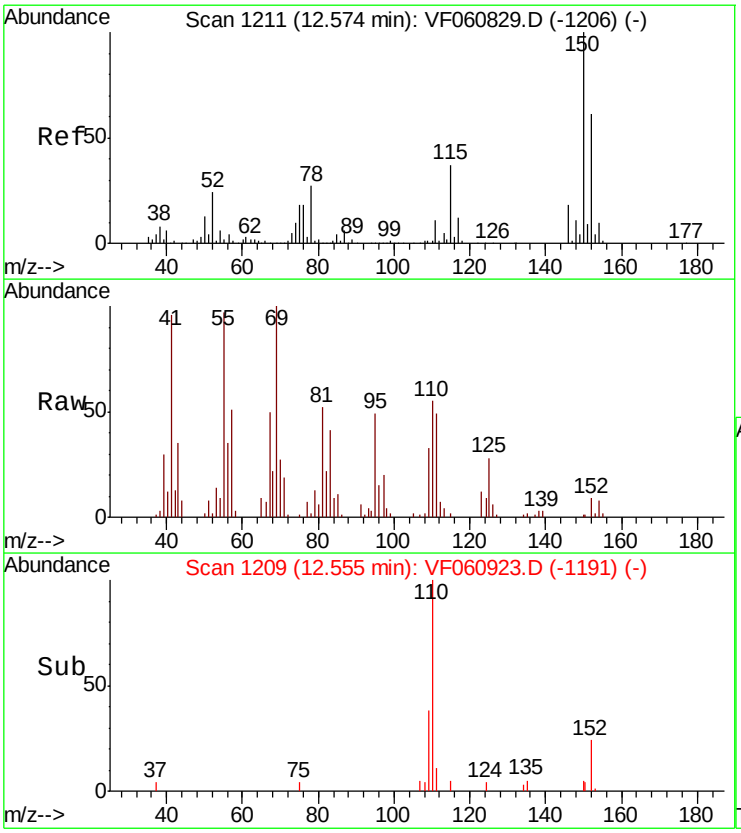
#70
Stvrene
Concen: 33.884 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.10 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:104 Resp: 703

Ion	Ratio	Lower	Upper
104	100		
78	300.5	37.3	55.9#
103	168.5	36.8	55.2#

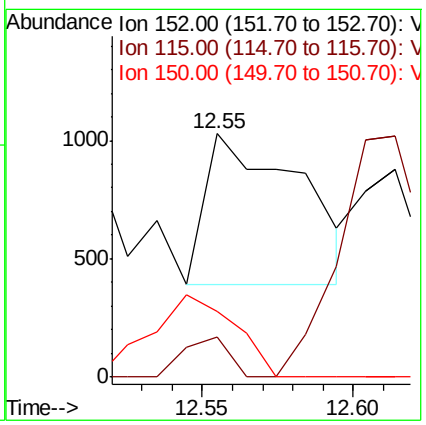


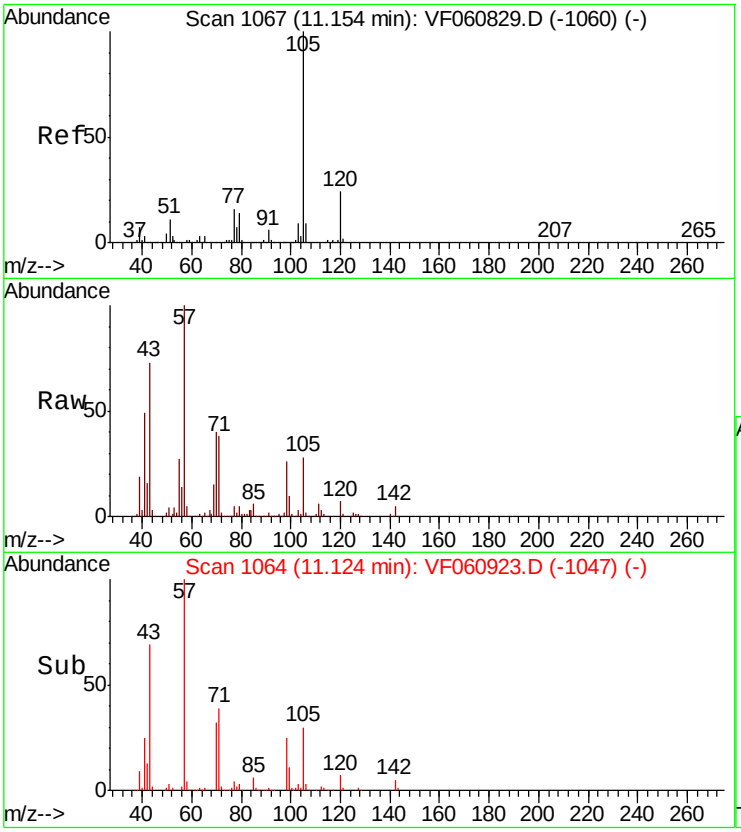


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion:152 Resp: 1368

Ion	Ratio	Lower	Upper
152	100		
115	16.4	30.1	90.5#
150	26.7	0.0	327.6



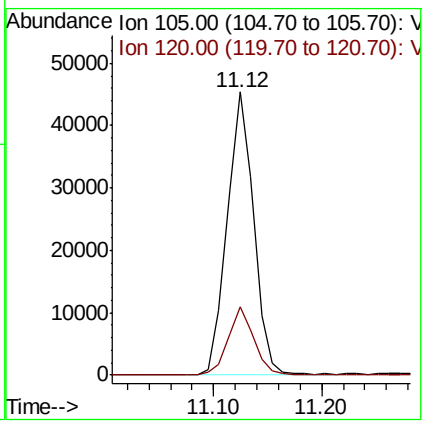


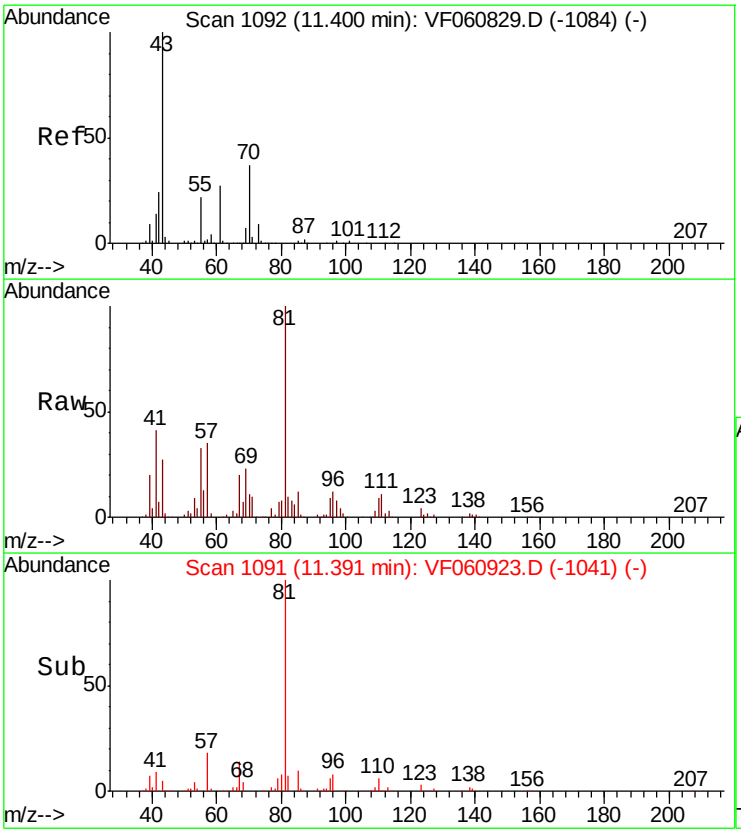
#73
Isopropylbenzene
Concen: 720.129 ug/l
RT: 11.12 min Scan# 1064
Delta R.T. -0.03 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 77851

Ion	Ratio	Lower	Upper
105	100		
120	24.0	12.2	36.4

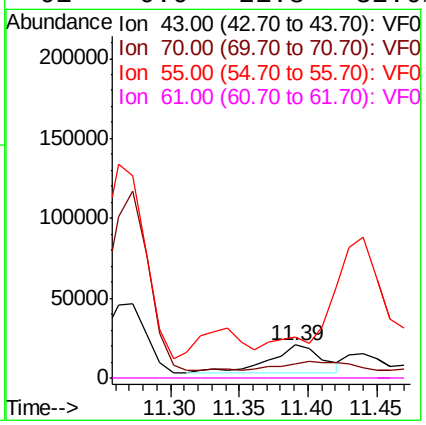


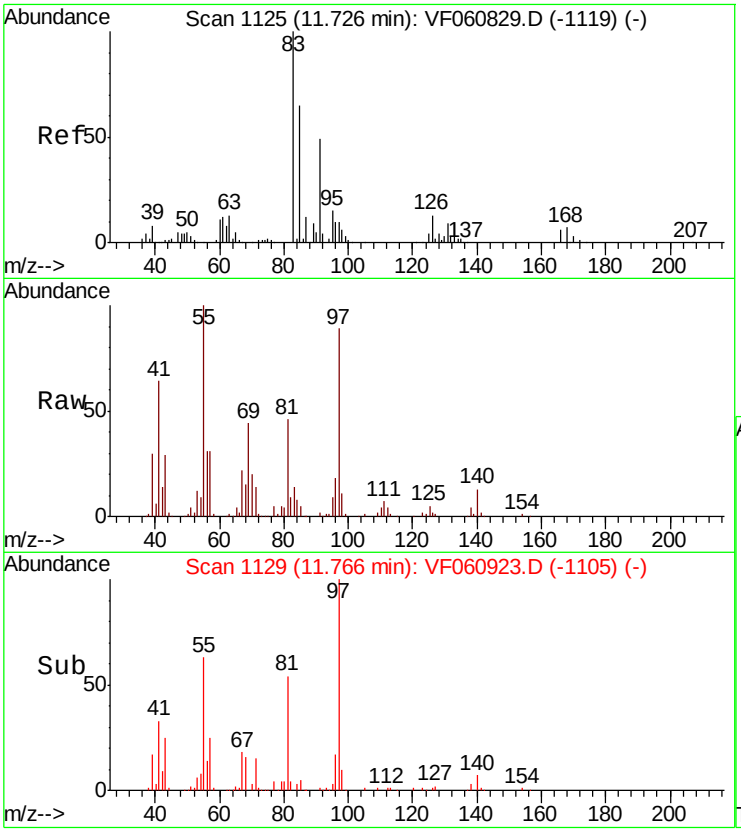


#74
N-amyl acetate
Concen: 1757.649 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 43 Resp: 43877

Ion	Ratio	Lower	Upper
43	100		
70	41.7	29.6	44.4
55	122.6	17.2	25.8#
61	0.0	21.8	32.6#



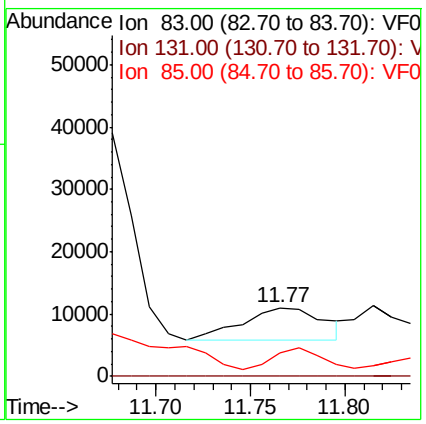


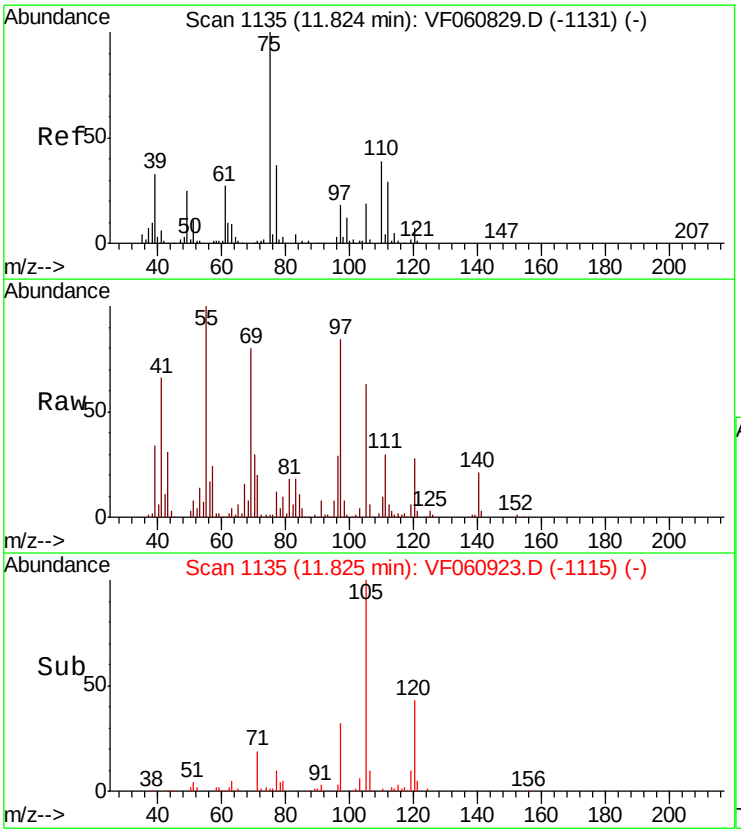
#75
1,1,2,2-Tetrachloroethane
Concen: 865.837 ug/l
RT: 11.77 min Scan# 1129
Delta R.T. 0.04 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 15405

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.1#
85	34.6	32.6	97.8

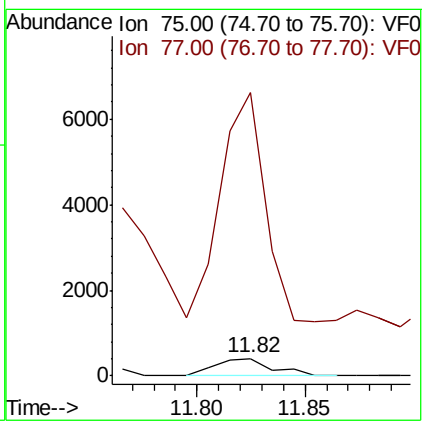


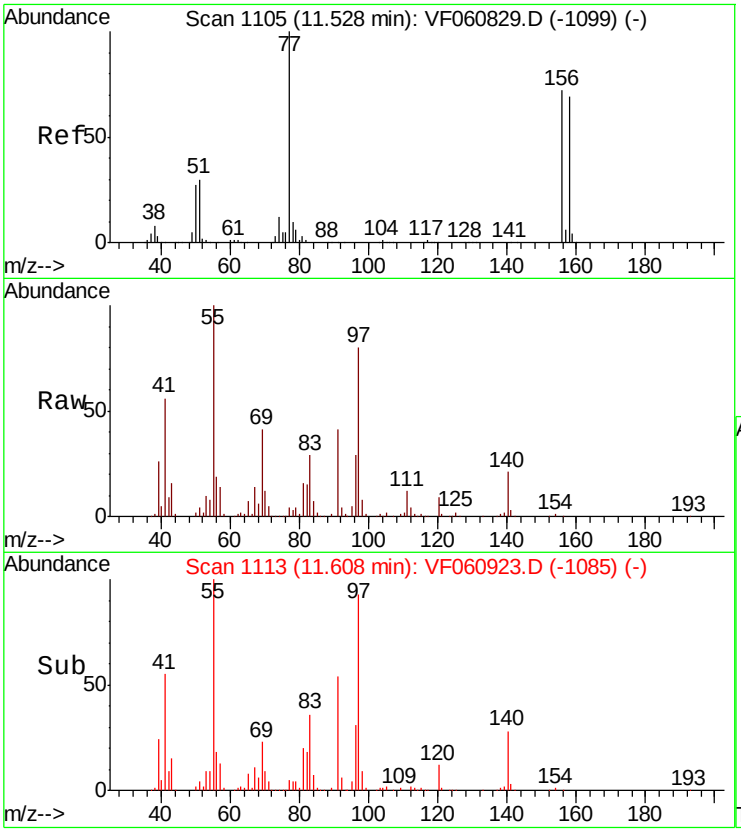


#76
1,2,3-Trichloropropane
Concen: 57.221 ug/l
RT: 11.82 min Scan# 1135
Delta R.T. 0.00 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 75 Resp: 740

Ion	Ratio	Lower	Upper
75	100		
77	1590.4	18.4	55.4#



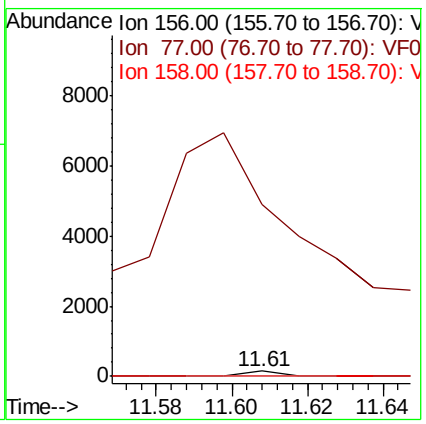


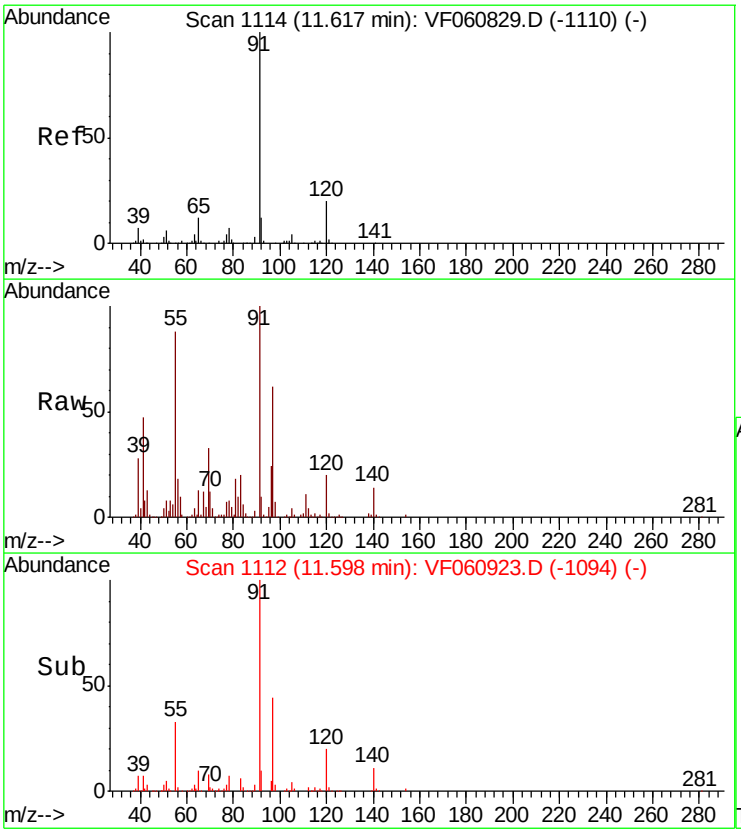
#77
Bromobenzene
Concen: 3.755 ug/l
RT: 11.61 min Scan# 1113
Delta R.T. 0.08 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:156 Resp: 89

Ion	Ratio	Lower	Upper
156	100		
77	3275.3	69.7	209.0#
158	0.0	47.8	143.4#

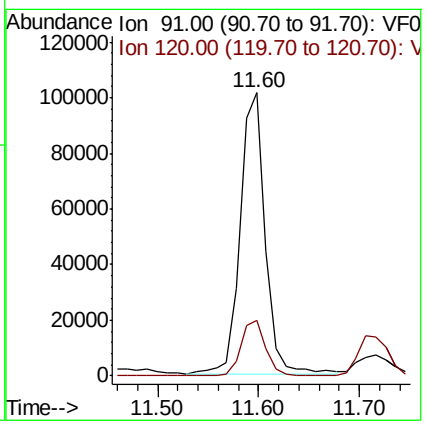


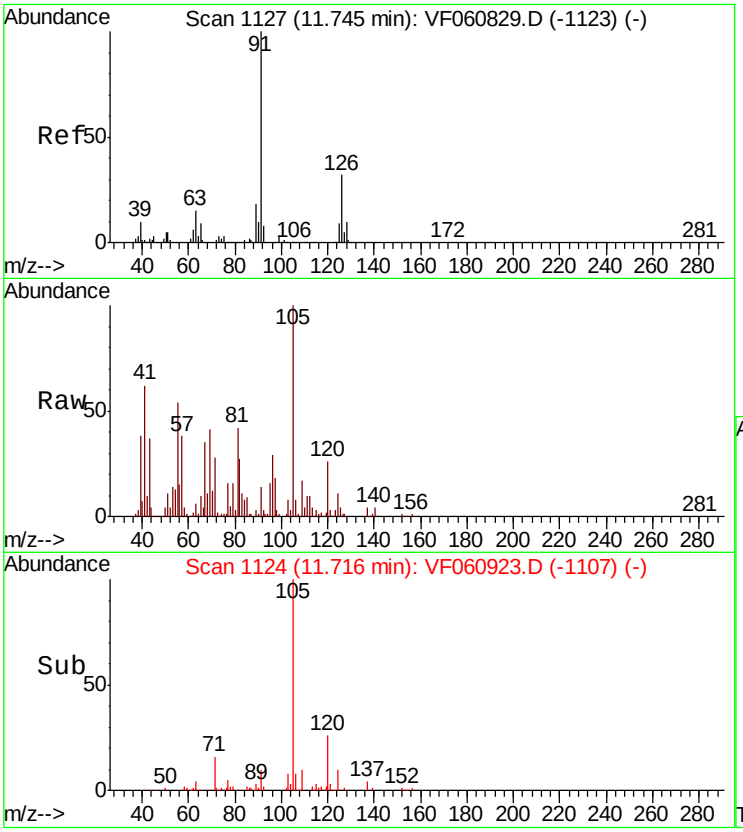


#78
n-propylbenzene
Concen: 1365.303 ug/l
RT: 11.60 min Scan# 1112
Delta R.T. -0.02 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 91 Resp: 172849

Ion	Ratio	Lower	Upper
91	100		
120	19.6	10.3	30.8



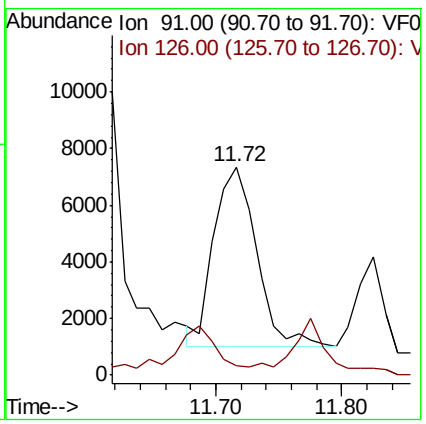


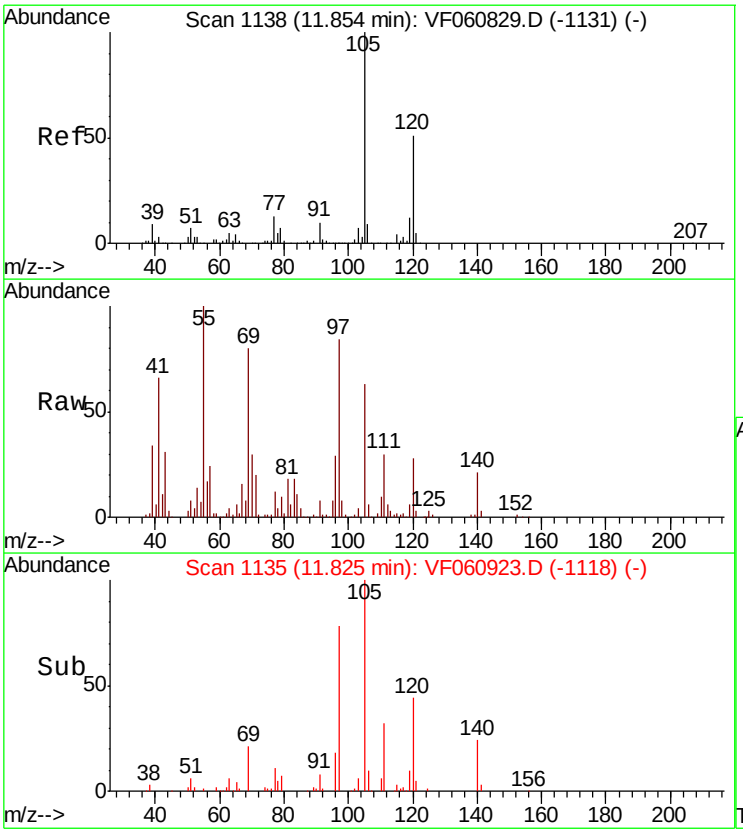
#79
2-Chlorotoluene
Concen: 206.346 ug/l
RT: 11.72 min Scan# 1124
Delta R.T. -0.03 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 14979

Ion	Ratio	Lower	Upper
91	100		
126	4.5	15.9	47.6#

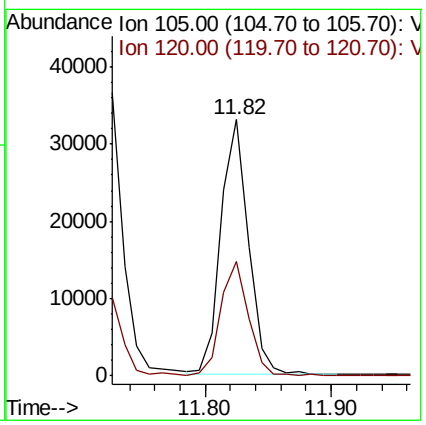


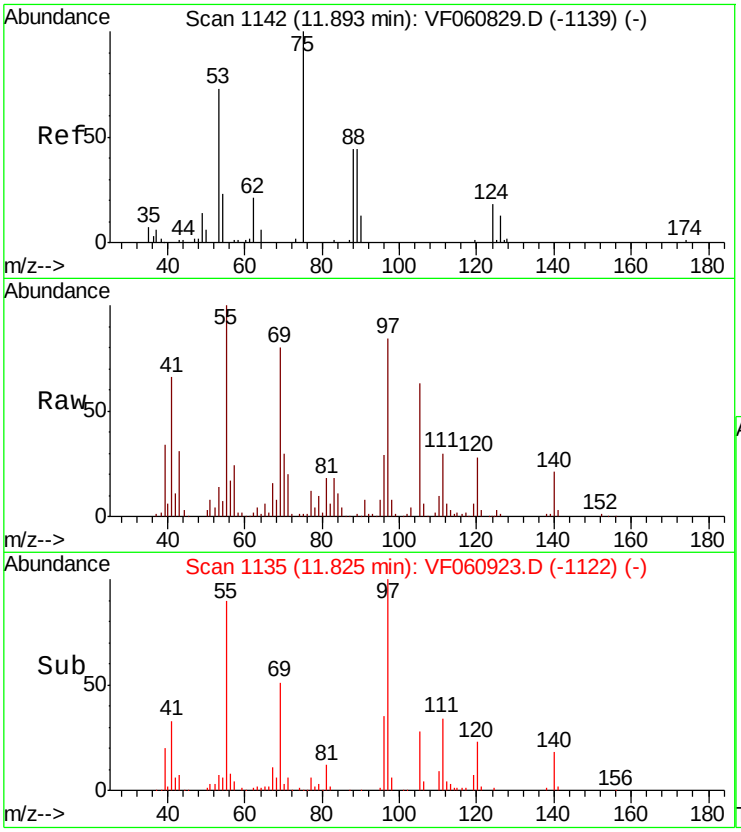


#80
1,3,5-Trimethylbenzene
Concen: 568.578 ug/l
RT: 11.82 min Scan# 1135
Delta R.T. -0.03 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion:105 Resp: 49900

Ion	Ratio	Lower	Upper
105	100		
120	44.6	25.8	77.3



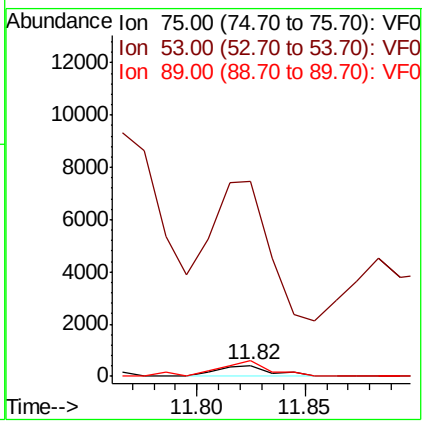


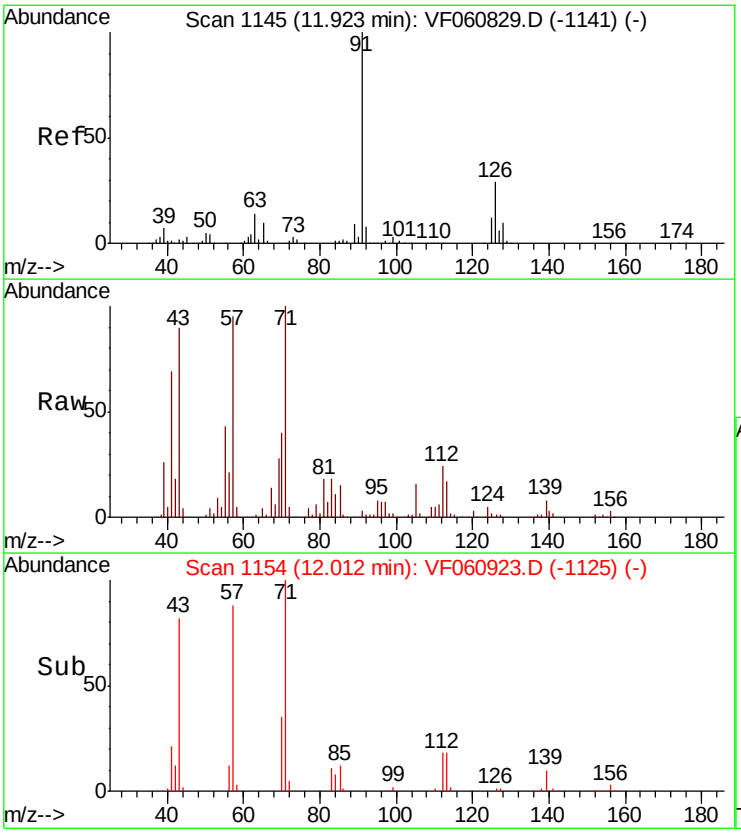
#81
trans-1,4-Dichloro-2-butene
Concen: 116.786 ug/l
RT: 11.82 min Scan# 1135
Delta R.T. -0.07 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 740

Ion	Ratio	Lower	Upper
75	100		
53	1799.5	65.9	98.9#
89	145.9	38.8	58.2#

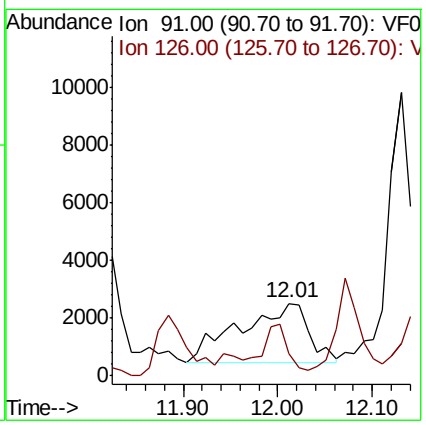


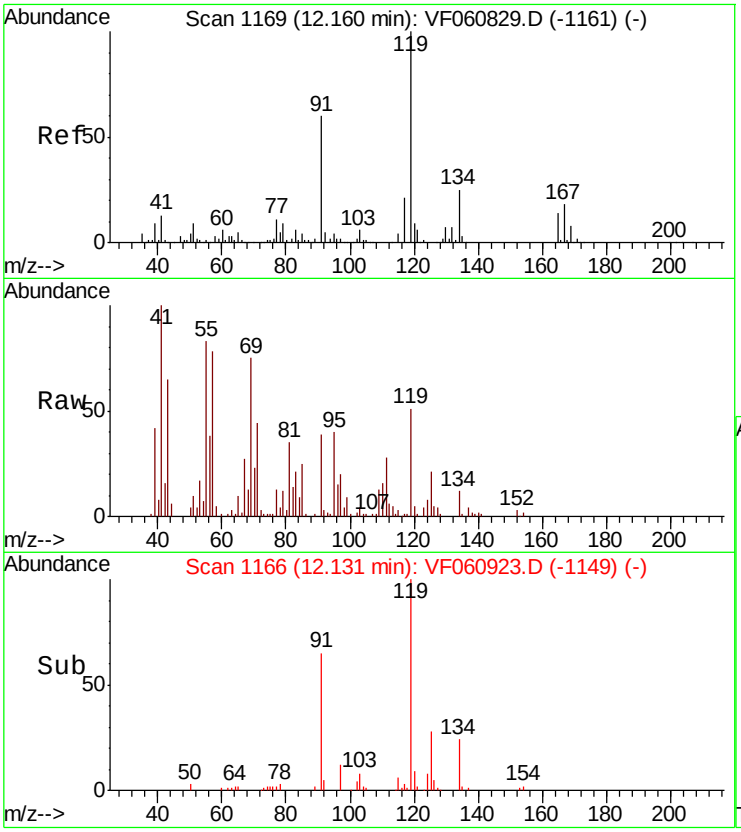


#82
4-Chlorotoluene
Concen: 138.022 ug/l
RT: 12.01 min Scan# 1154
Delta R.T. 0.09 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 91 Resp: 10544

Ion	Ratio	Lower	Upper
91	100		
126	30.4	14.8	44.4



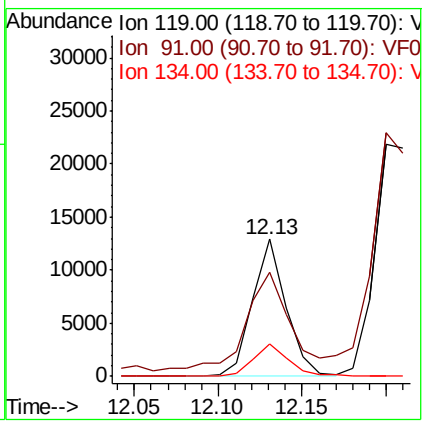


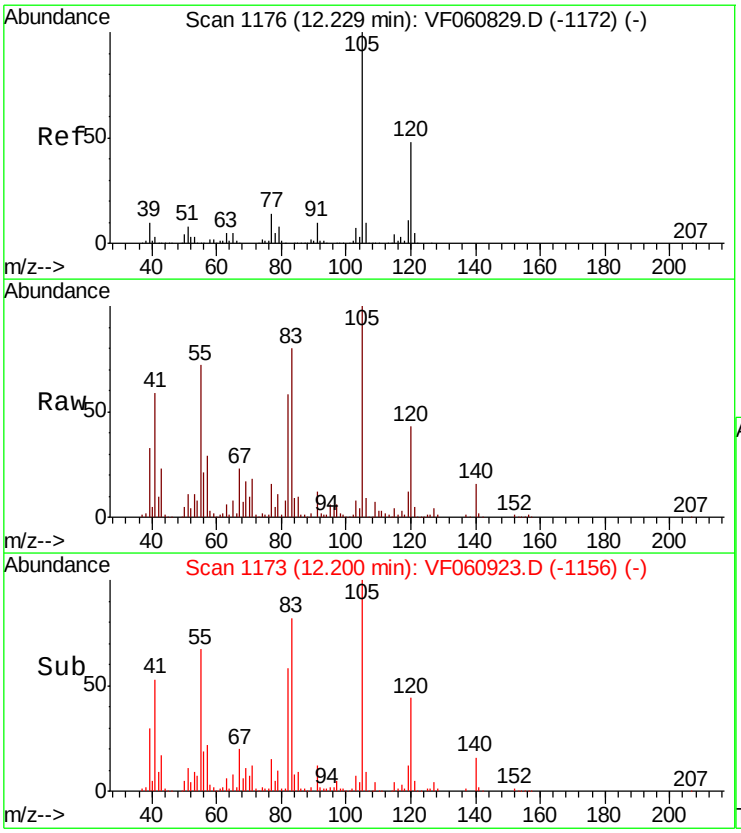
#83
tert-Butylbenzene
Concen: 201.582 ug/l
RT: 12.13 min Scan# 1166
Delta R.T. -0.03 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:119 Resp: 18021

Ion	Ratio	Lower	Upper
119	100		
91	76.2	30.1	90.3
134	23.6	12.6	37.8

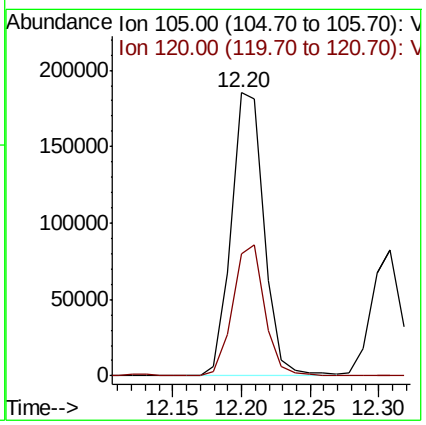


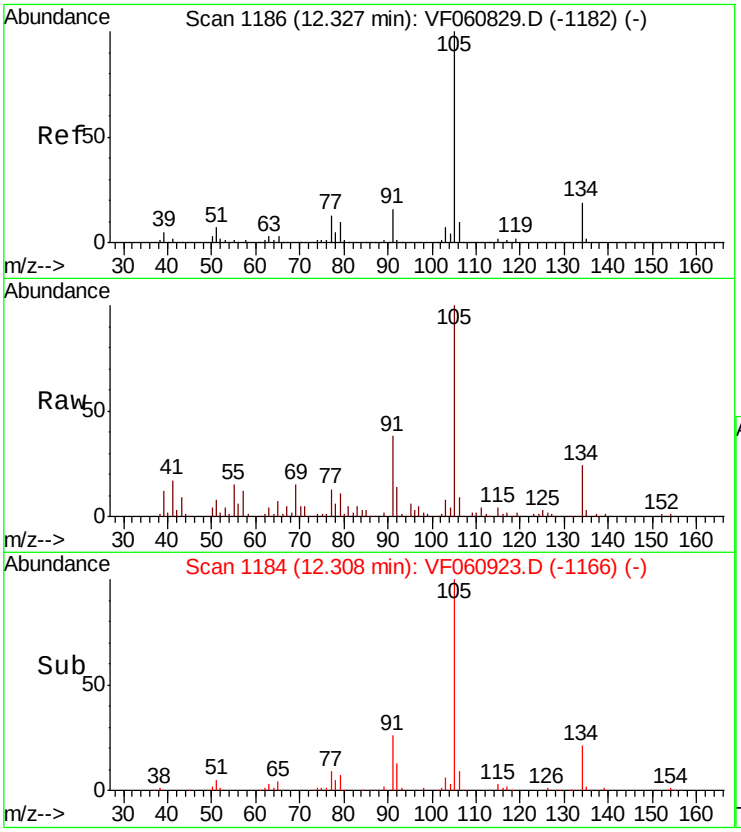


#84
1,2,4-Trimethylbenzene
Concen: 3510.554 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. -0.03 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion:105 Resp: 307487

Ion	Ratio	Lower	Upper
105	100		
120	43.4	23.8	71.5



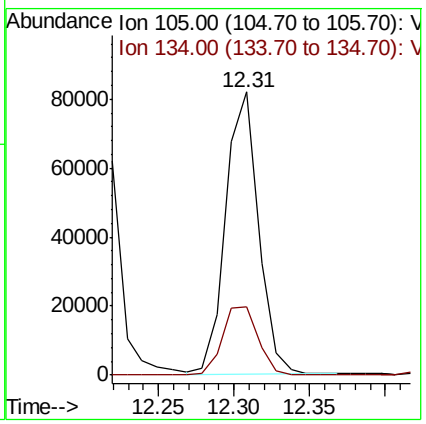


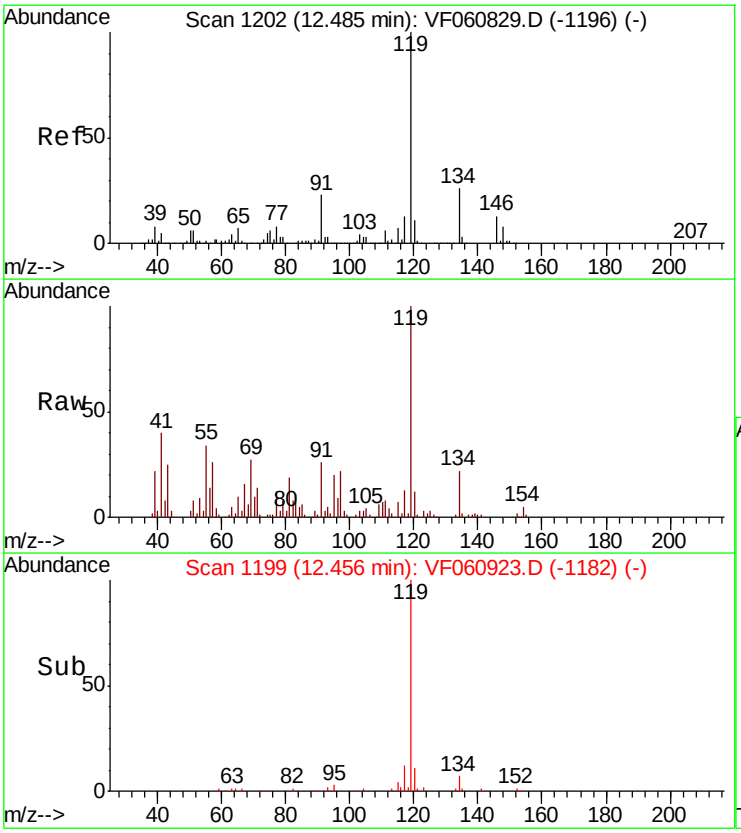
#85
sec-Butylbenzene
Concen: 1005.090 ug/l
RT: 12.31 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 123003

Ion	Ratio	Lower	Upper
105	100		
134	24.2	9.5	28.5

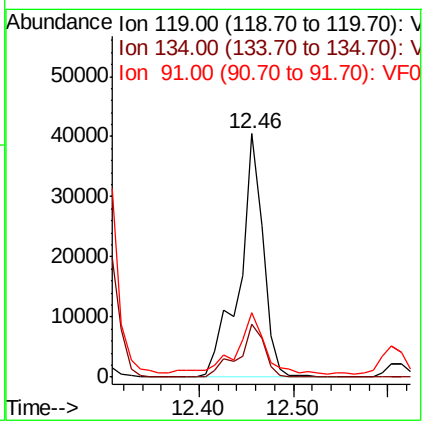


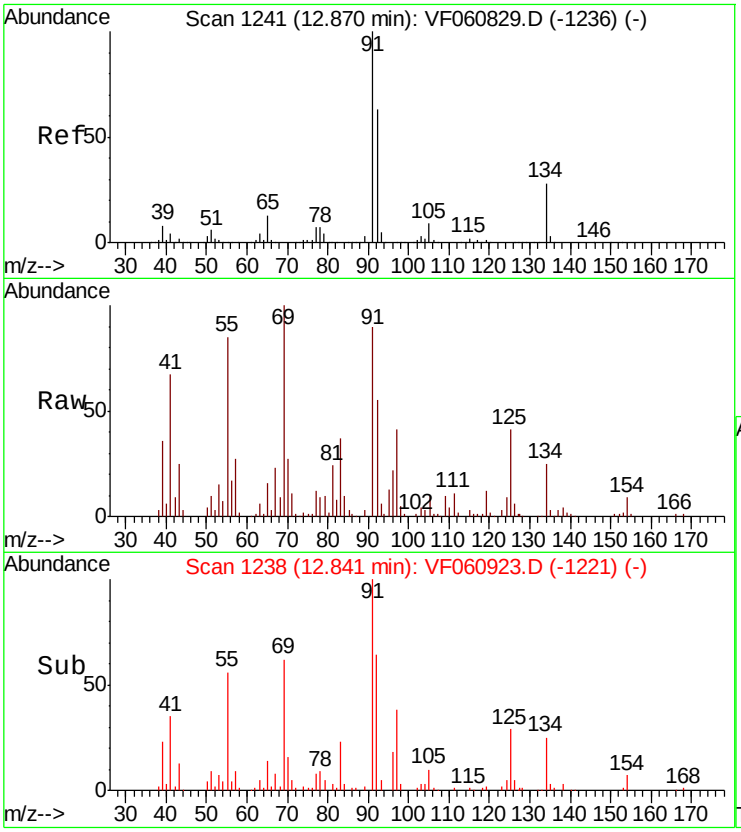


#86
p-Isopropyltoluene
Concen: 681.414 ug/l
RT: 12.46 min Scan# 1199
Delta R.T. -0.03 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion:119 Resp: 69915

Ion	Ratio	Lower	Upper
119	100		
134	21.8	12.9	38.6
91	26.2	11.8	35.3



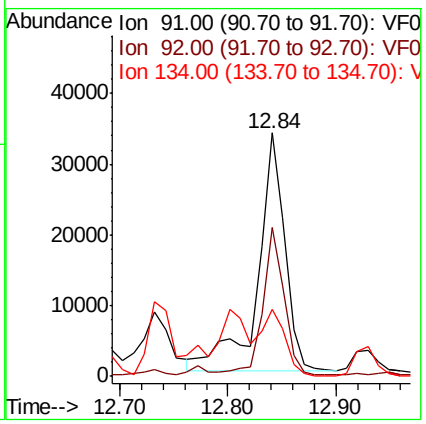


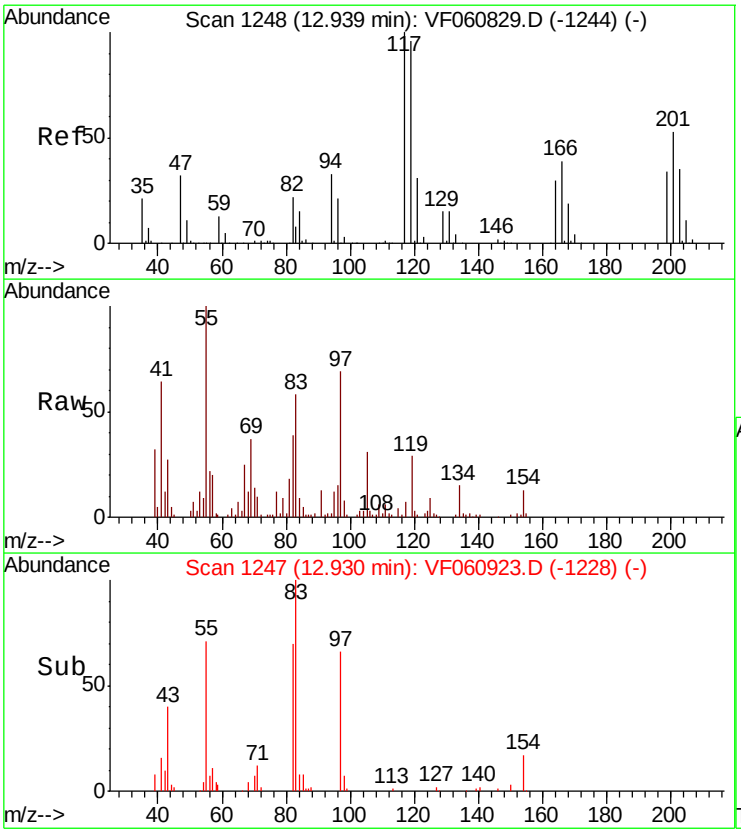
#89
n-Butylbenzene
Concen: 565.619 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.03 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 58682

Ion	Ratio	Lower	Upper
91	100		
92	61.1	31.6	94.7
134	27.4	13.8	41.4

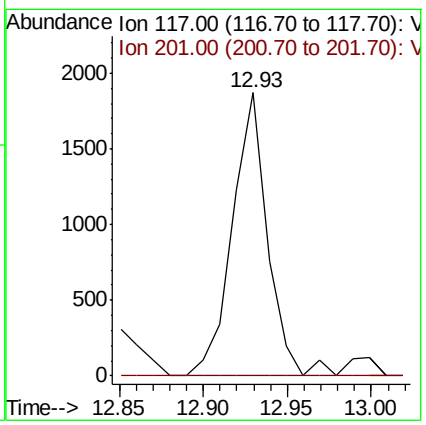


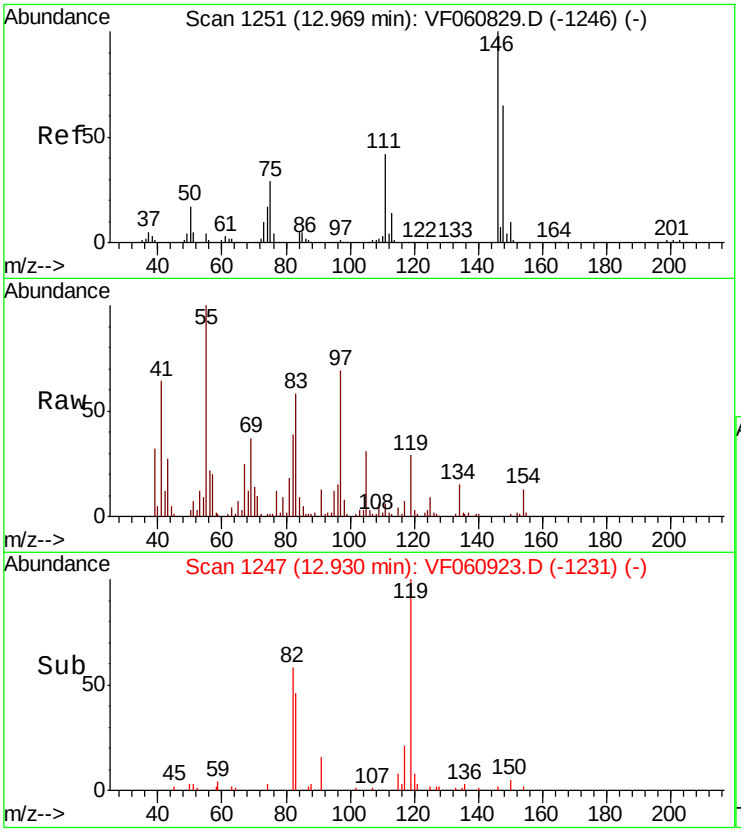


#90
Hexachloroethane
Concen: 110.536 ug/l
RT: 12.93 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion:117 Resp: 2731

Ion	Ratio	Lower	Upper
117	100		
201	0.0	26.7	80.1#



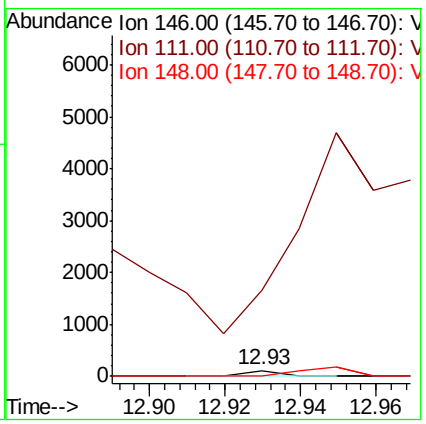


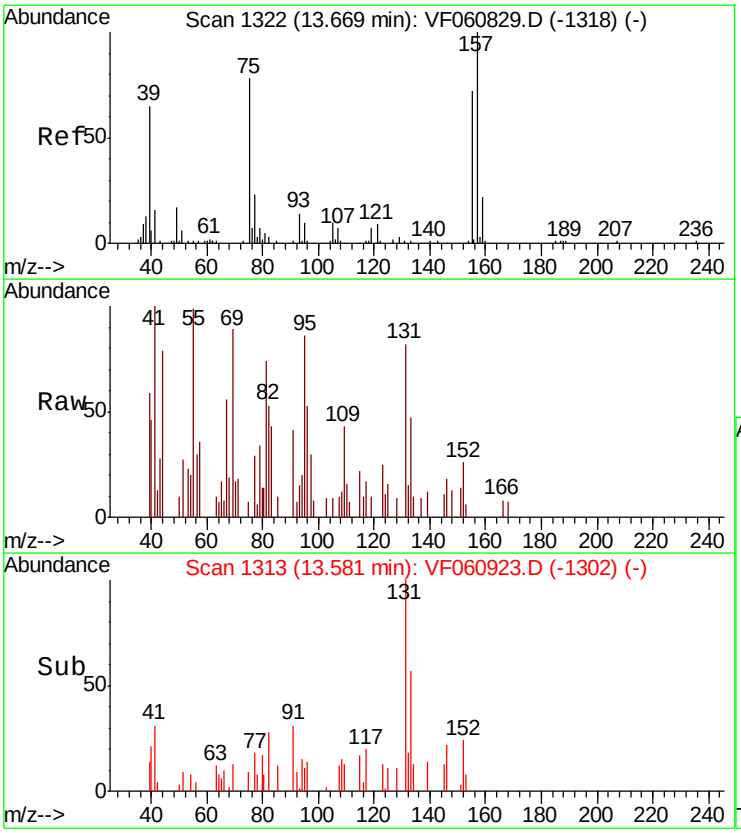
#91
1,2-Dichlorobenzene
Concen: 1.616 ug/l
RT: 12.93 min Scan# 1247
Delta R.T. -0.04 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 69

Ion	Ratio	Lower	Upper
146	100		
111	1418.8	21.2	63.6#
148	0.0	32.5	97.5#





#92
1,2-Dibromo-3-Chloropropane
Concen: 20.350 ug/l
RT: 13.58 min Scan# 1313
Delta R.T. -0.09 min
Lab File: VF060923.D
Acq: 6 Dec 2018 18:06

Tgt Ion: 75 Resp: 70

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.6	136.9#
157	0.0	63.8	191.5#