Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041819\
Data File : VF062201.D
Acq On : 18 Apr 2019 13:20
Operator : FY/SY
Sample : K2203-11
Misc : 6.13g/5mL/MSVOA F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Apr 19 01:15:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 07:43:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	333793	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	487970	50.00 ug/l	0.00
63) Chlorobenzene-d5	9.90	117	146062	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	122950	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.02	65	183804	60.05 ug/l	0.00
Spiked Amount 50.000			Recovery = 120.10%		
35) Dibromofluoromethane	4.30	113	241784	56.64 ug/l	0.00
Spiked Amount 50.000			Recovery = 113.28%		
50) Toluene-d8	7.70	98	65653	6.08 ug/l	0.00
Spiked Amount 50.000			Recovery = 12.16%		
62) 4-Bromofluorobenzene	11.49	95	159336	38.33 ug/l	0.00
Spiked Amount 50.000			Recovery = 76.66%		
Target Compounds					Qvalue
3) Chloromethane	1.11	50	1586	0.302 ug/l	98
5) Bromomethane	1.38	94	528	0.202 ug/l #	25
6) Chloroethane	1.44	64	536	0.285 ug/l #	41
8) Diethyl Ether	1.71	74	1412	1.186 ug/l	68
11) Tert butyl alcohol	2.69	59	1110	5.217 ug/l #	35
13) Acrolein	2.10	56	976	Below Cal #	74
14) Allyl chloride	2.17	41	1117	0.262 ug/l #	1
15) Acrylonitrile	3.07	53	3160	4.877 ug/l #	29
16) Acetone	2.34	43	6939	9.485 ug/l #	87
18) Methyl Acetate	2.47	43	6870	Below Cal #	82
20) Methylene Chloride	2.34	84	7868	Below Cal	90
22) Diisopropyl ether	2.93	45	2426	0.222 ug/l #	40
25) 2-Butanone	4.55	43	4164	2.847 ug/l #	77
29) Tetrahydrofuran	4.27	42	2415	3.647 ug/l #	75
31) Cyclohexane	3.88	56	4926	0.688 ug/l #	73
36) 1,1-Dichloropropene	4.20	75	51727	8.841 ug/l #	40
37) Ethyl Acetate	4.32	43	712	0.258 ug/l #	74
39) Methylcyclohexane	5.62	83	9644	1.377 ug/l #	78
40) Benzene	4.82	78	4115	0.268 ug/l	95
41) Methacrylonitrile	4.91	41	875	0.549 ug/l #	50
43) Isopropyl Acetate	7.11	43	2832	0.975 ug/l #	77
46) Dibromomethane	6.28	93	564	0.251 ug/l #	8
47) Bromodichloromethane	6.52	83	2191	0.432 ug/l #	24
48) Methyl methacrylate	6.84	41	446	0.234 ug/l #	1
49) 1,4-Dioxane	6.87	88	63	2.879 ug/l #	1
51) 4-Methyl-2-Pentanone	8.22	43	876	0.406 ug/l	94
52) Toluene	7.77	92	3587	0.443 ug/l	95
56) Ethyl methacrylate	8.76	69	8928	3.465 ug/l #	50
58) 2-Chloroethyl Vinyl ether	7.44	63	306	0.409 ug/l	95
59) 2-Hexanone	9.61	43	9065	6.864 ug/l	74
65) Chlorobenzene	9.93	112	1199	0.385 ug/l #	42
67) Ethyl Benzene	10.02	91	5153	0.910 ug/l #	82
68) m/p-Xylenes	10.26	106	3025	1.451 ug/l	96
69) o-Xylene	10.81	106	1844	0.797 ug/l	69

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF041819\
Data File : VF062201.D
Acq On : 18 Apr 2019 13:20
Operator : FY/SY
Sample : K2203-11
Misc : 6.13g/5mL/MSVOA_F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Apr 19 01:15:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 07:43:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
70) Styrene	10.89	104	2961	0.906 ug/l #	91
73) Isopropylbenzene	11.21	105	3539	0.335 ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.76	83	848	0.467 ug/l #	57
76) 1,2,3-Trichloropropane	11.85	75	589	0.471 ug/l #	64
77) Bromobenzene	11.58	156	772	0.341 ug/l	84
78) n-propylbenzene	11.67	91	4512	0.405 ug/l	90
79) 2-Chlorotoluene	11.97	91	4142	0.613 ug/l	95
80) 1,3,5-Trimethylbenzene	11.89	105	4408	0.501 ug/l	97
81) trans-1,4-Dichloro-2-buten	11.95	75	1089	1.709 ug/l #	34
82) 4-Chlorotoluene	11.97	91	4142	0.634 ug/l	95
83) tert-Butylbenzene	12.20	119	3040	0.334 ug/l	83
84) 1,2,4-Trimethylbenzene	12.27	105	4238	0.498 ug/l	96
85) sec-Butylbenzene	12.36	105	3924	0.332 ug/l	93
86) p-Isopropyltoluene	12.51	119	4529	0.452 ug/l	91
87) 1,3-Dichlorobenzene	12.53	146	2355	0.561 ug/l	76
88) 1,4-Dichlorobenzene	12.53	146	2355	0.582 ug/l	76
89) n-Butylbenzene	13.04	91	828	Below Cal	69
90) Hexachloroethane	12.97	117	840	0.327 ug/l #	44
91) 1,2-Dichlorobenzene	13.00	146	1727	0.426 ug/l	82
92) 1,2-Dibromo-3-Chloropropan	13.69	75	366	1.026 ug/l #	16
93) 1,2,4-Trichlorobenzene	14.24	180	2249	0.663 ug/l #	80
94) Hexachlorobutadiene	14.23	225	602	0.259 ug/l	76
95) Naphthalene	14.49	128	11122	1.875 ug/l #	83
96) 1,2,3-Trichlorobenzene	14.63	180	2350	0.722 ug/l #	75

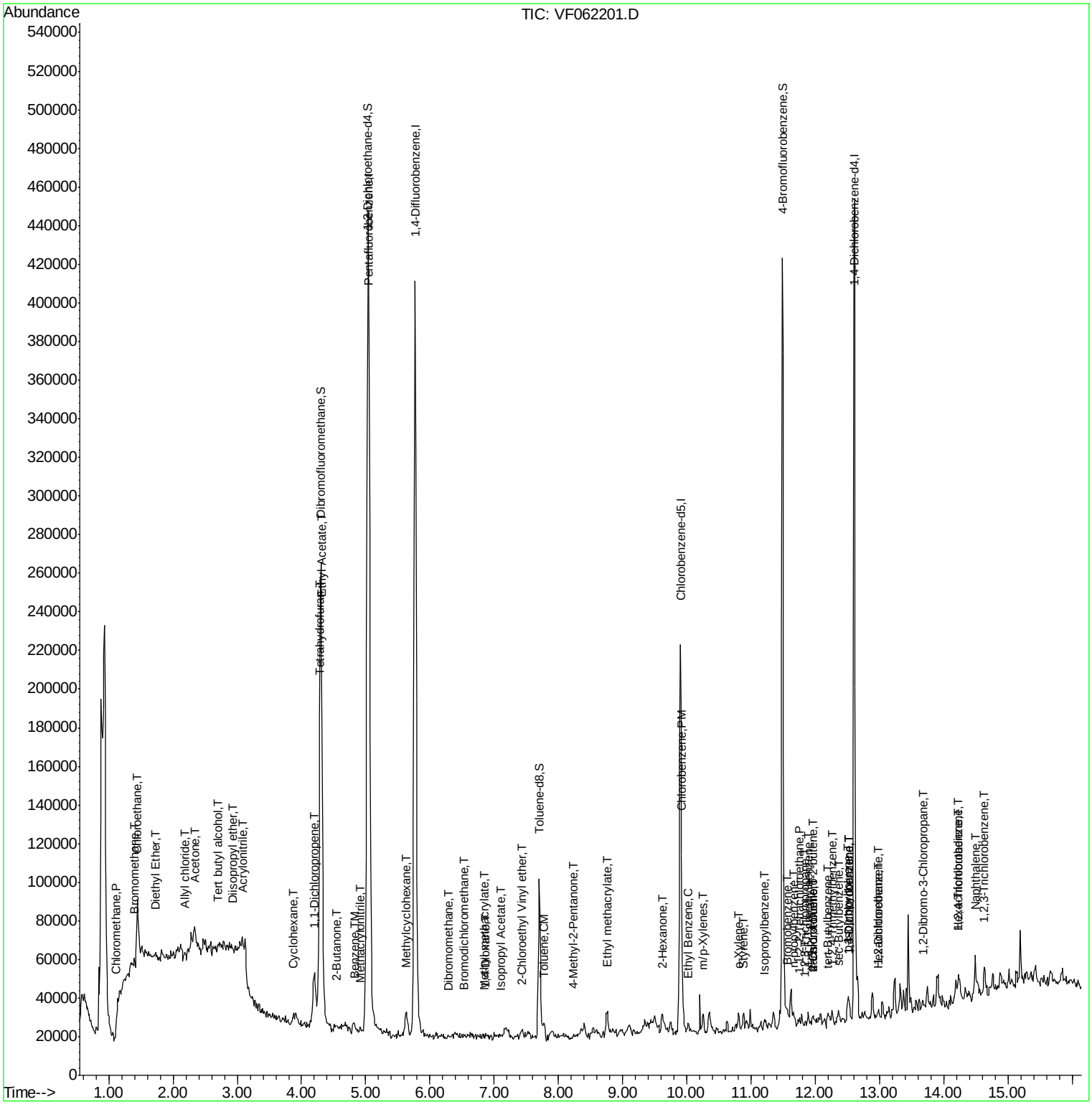
(#) = qualifier out of range (m) = manual integration (+) = signals summed

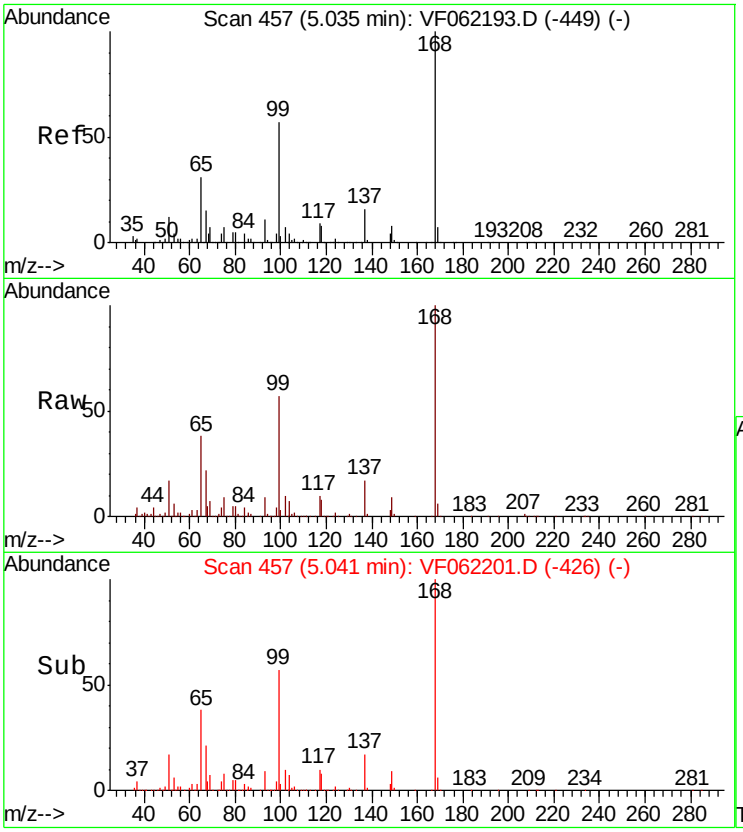
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF041819\
Data File : VF062201.D
Acq On : 18 Apr 2019 13:20
Operator : FY/SY
Sample : K2203-11
Misc : 6.13g/5mL/MSVOA_F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Apr 19 01:15:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 07:43:02 2019
Response via : Initial Calibration



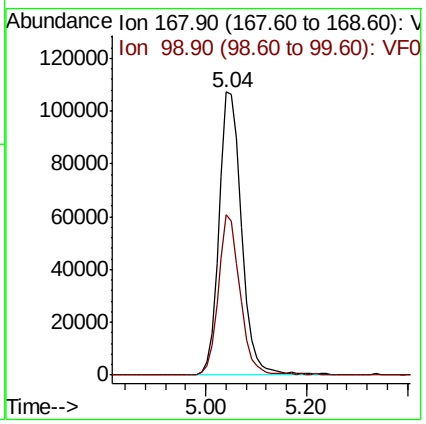


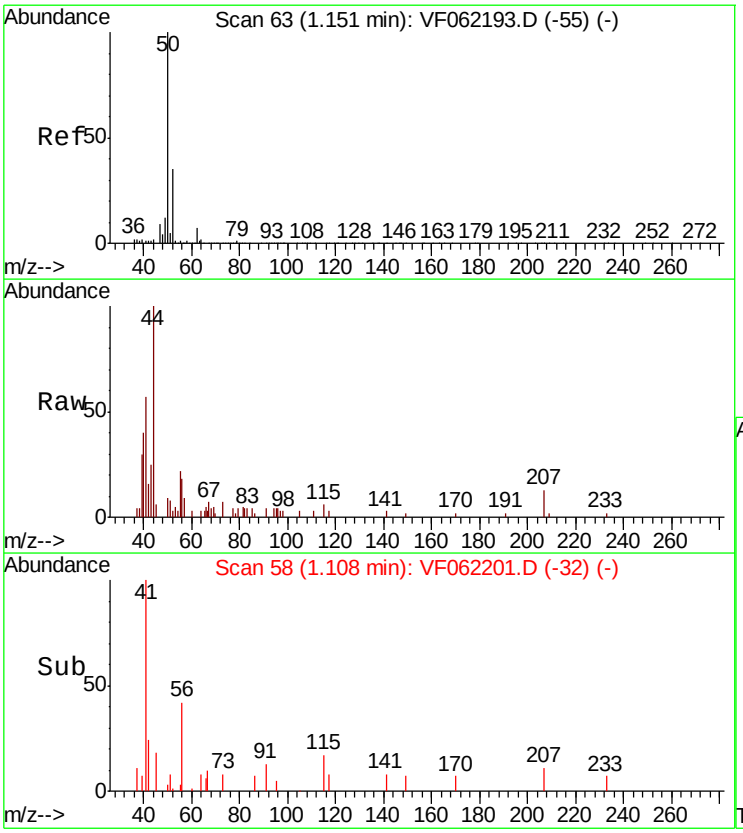
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 333793

Ion	Ratio	Lower	Upper
168	100		
99	56.5	45.5	68.3

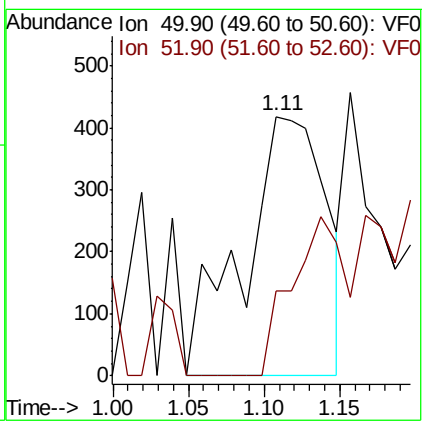


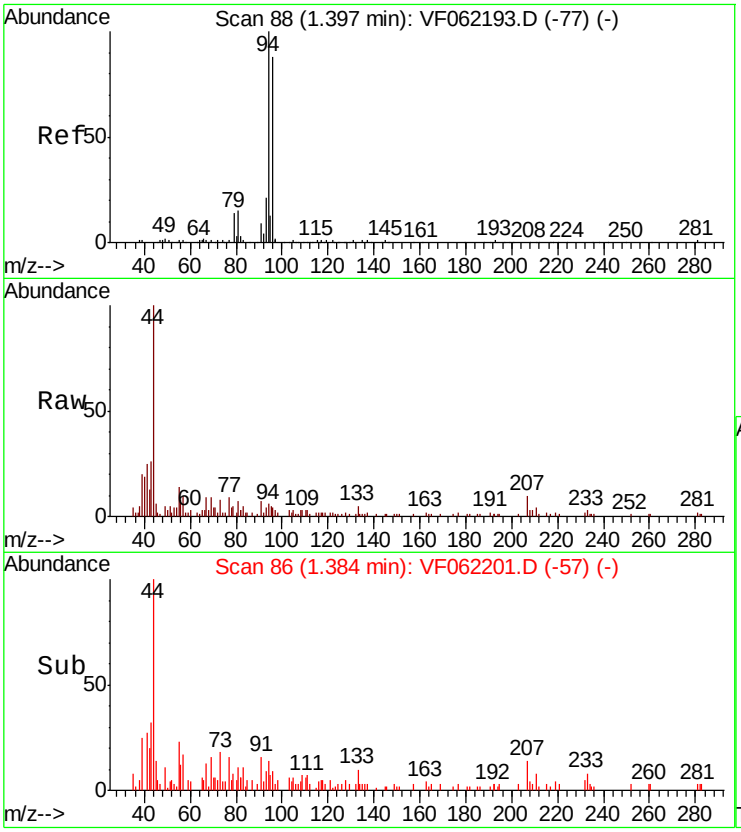


#3
Chloromethane
Concen: 0.302 ug/l
RT: 1.11 min Scan# 58
Delta R.T. -0.04 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 50 Resp: 1586

Ion	Ratio	Lower	Upper
50	100		
52	32.8	27.0	40.4



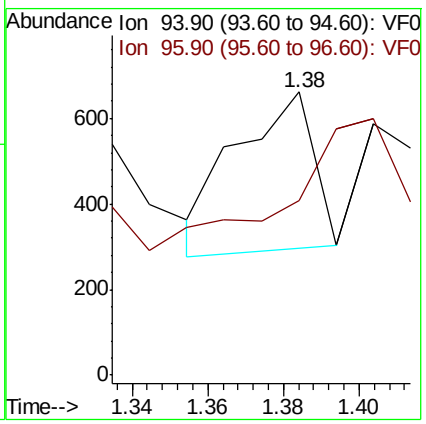


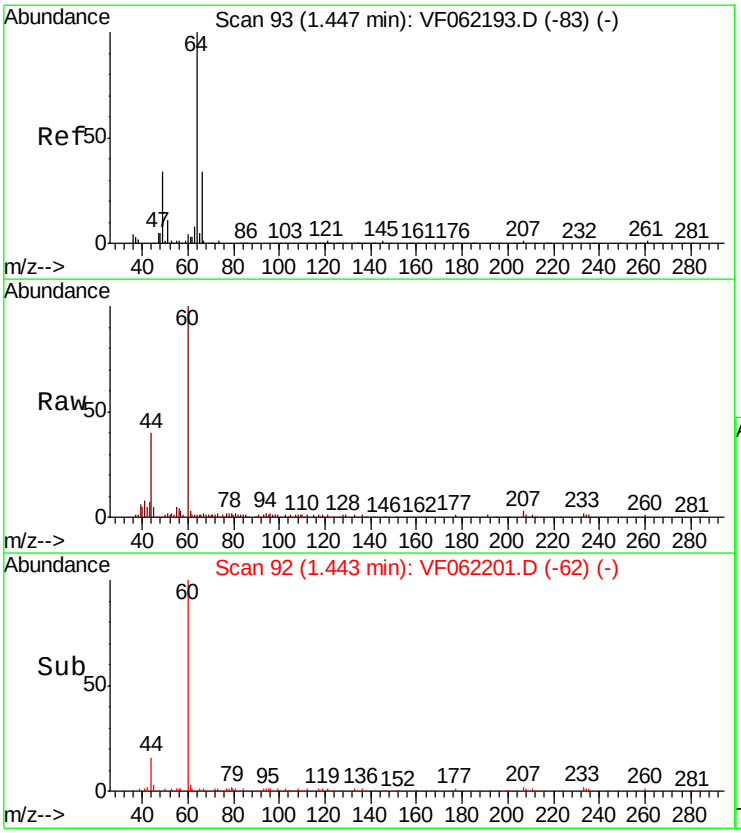
#5
Bromomethane
Concen: 0.202 ug/l
RT: 1.38 min Scan# 86
Delta R.T. -0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 94 Resp: 528

Ion	Ratio	Lower	Upper
94	100		
96	17.8	70.2	105.4#

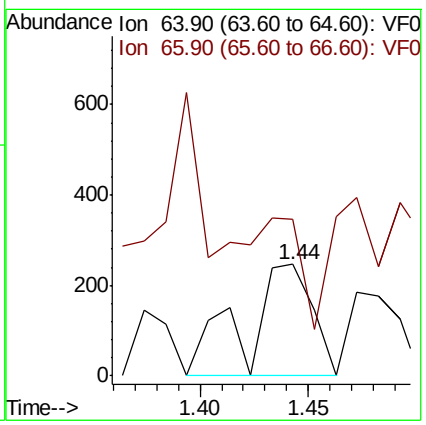


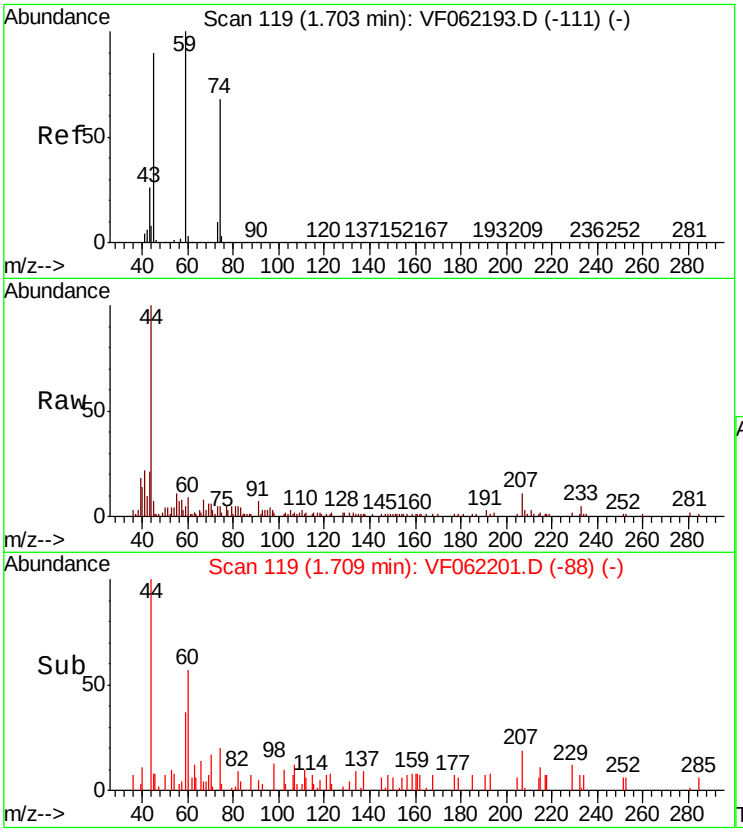


#6
Chloroethane
Concen: 0.285 ug/l
RT: 1.44 min Scan# 92
Delta R.T. -0.00 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 64 Resp: 536

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.0	40.4#



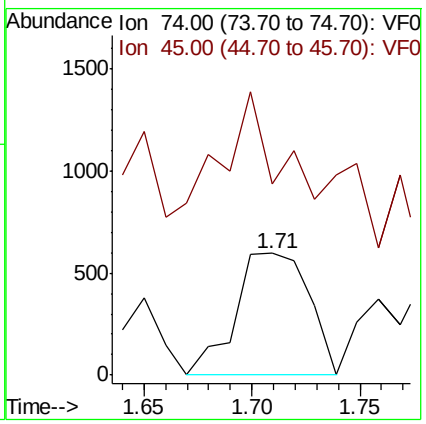


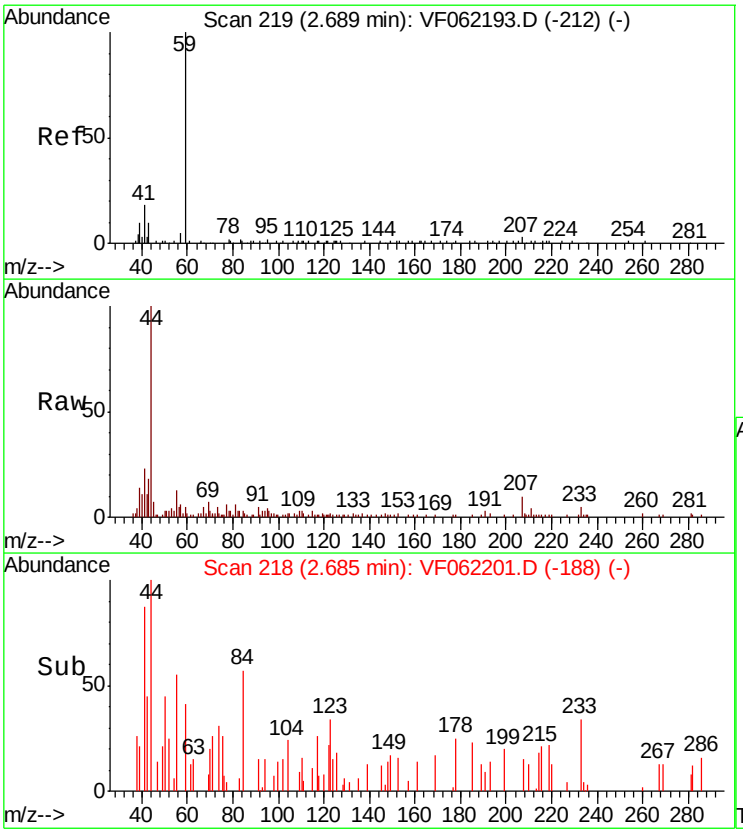
#8
Diethyl Ether
Concen: 1.186 ug/l
RT: 1.71 min Scan# 119
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 74 Resp: 1412

Ion	Ratio	Lower	Upper
74	100		
45	179.5	70.0	210.2

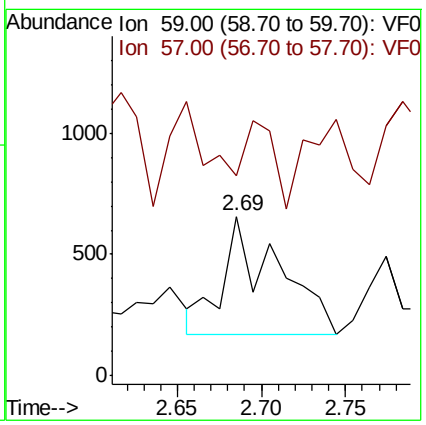


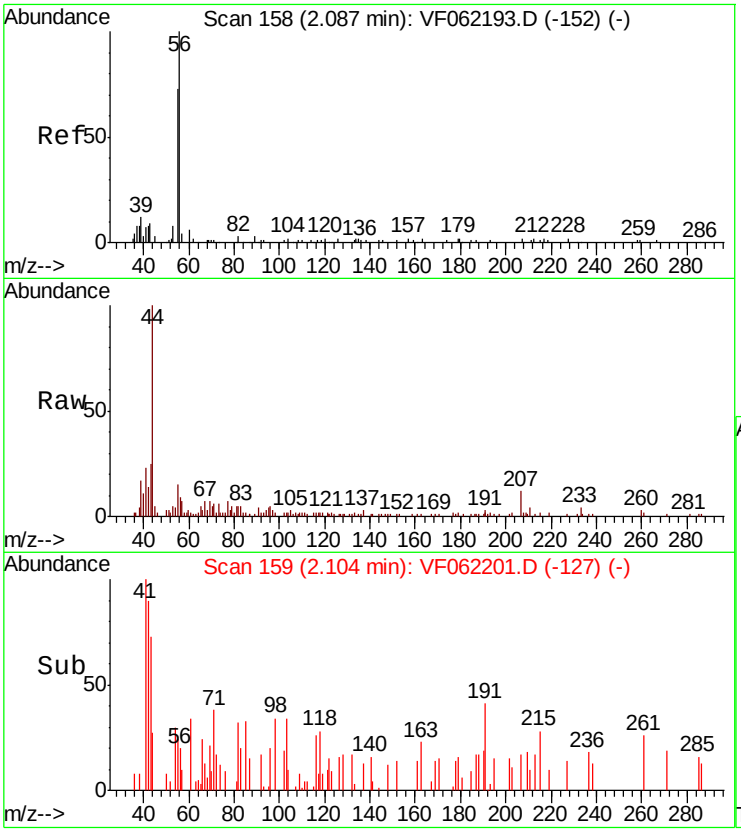


#11
Tert butyl alcohol
Concen: 5.217 ug/l
RT: 2.69 min Scan# 218
Delta R.T. -0.00 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 59 Resp: 1110

Ion	Ratio	Lower	Upper
59	100		
57	36.6	9.3	13.9#



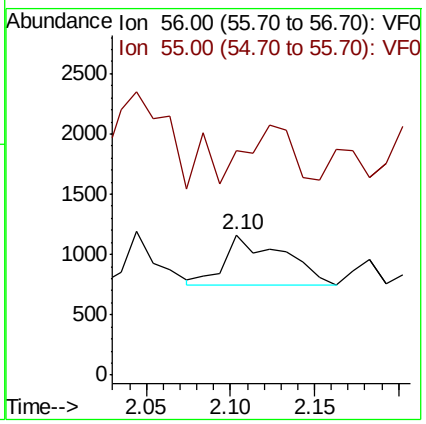


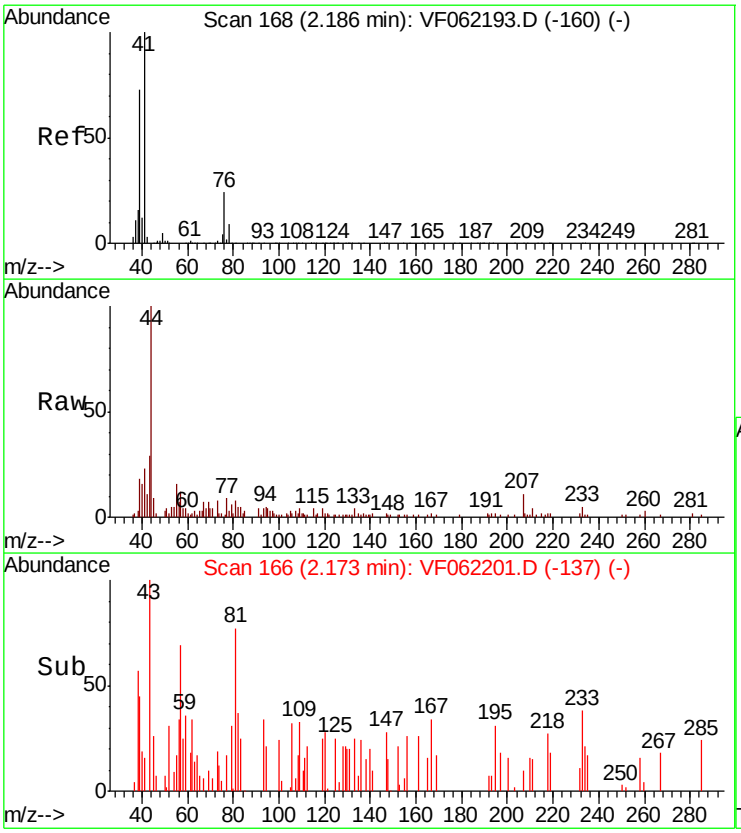
#13
Acrolein
Concen: Below Cal
RT: 2.10 min Scan# 159
Delta R.T. 0.02 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 976

Ion	Ratio	Lower	Upper
56	100		
55	93.0	57.4	86.0#

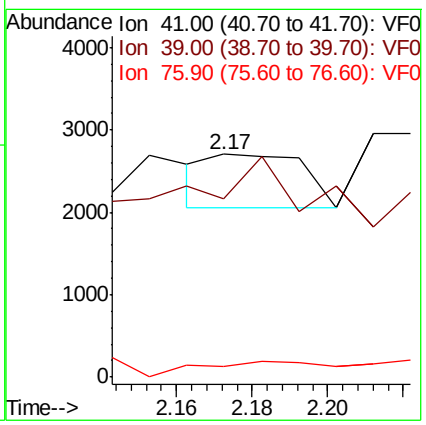


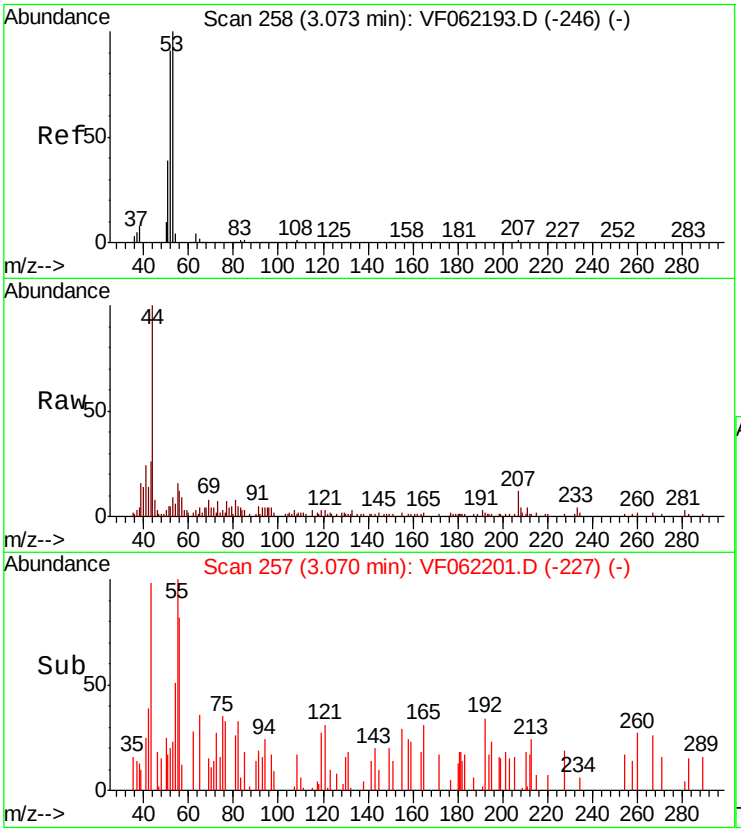


#14
Allyl chloride
Concen: 0.262 ug/l
RT: 2.17 min Scan# 166
Delta R.T. -0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 41 Resp: 1117

Ion	Ratio	Lower	Upper
41	100		
39	185.3	60.0	90.0#
76	40.0	20.6	30.8#



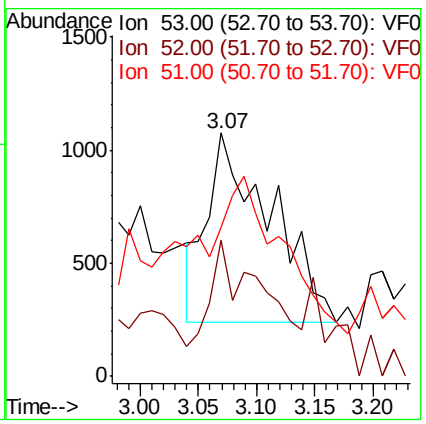


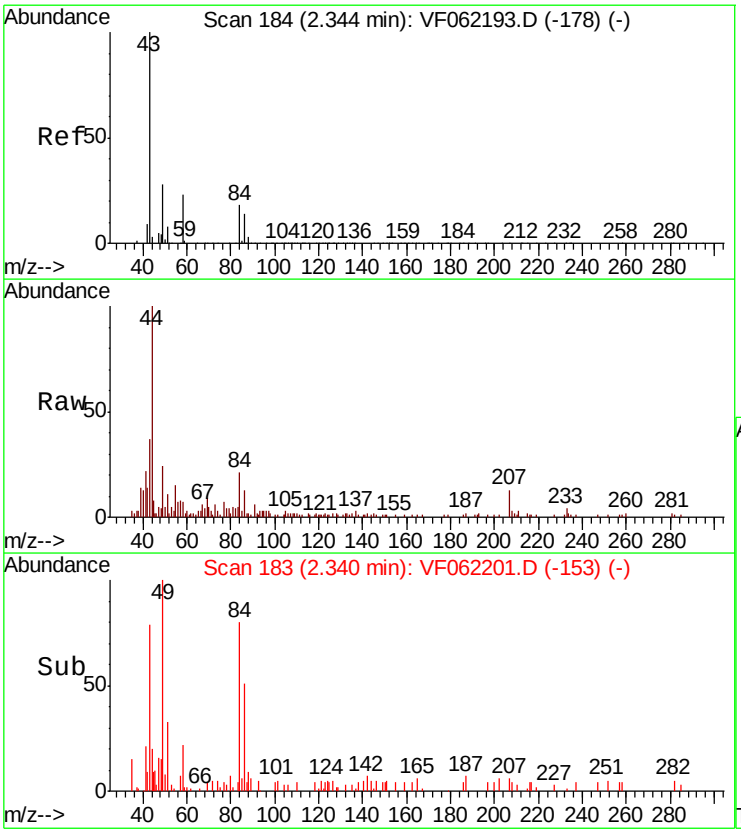
#15
Acrylonitrile
Concen: 4.877 ug/l
RT: 3.07 min Scan# 257
Delta R.T. -0.00 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 3160

Ion	Ratio	Lower	Upper
53	100		
52	41.2	69.5	104.3#
51	113.2	31.8	47.8#

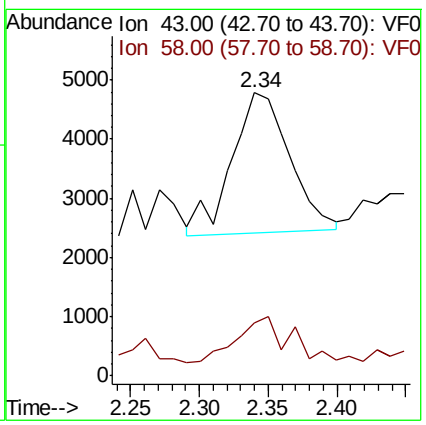


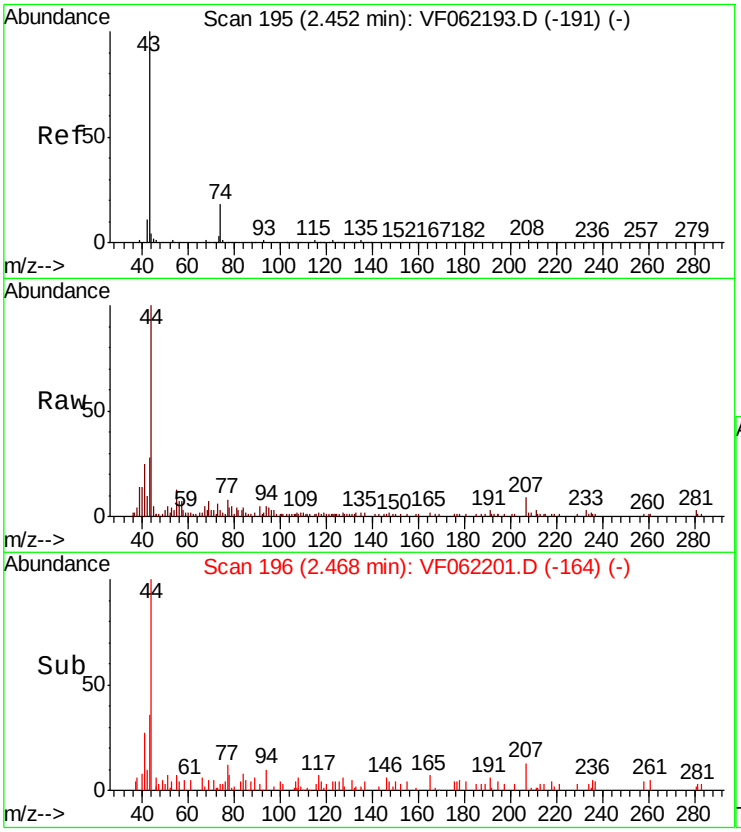


#16
Acetone
Concen: 9.485 ug/l
RT: 2.34 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 43 Resp: 6939

Ion	Ratio	Lower	Upper
43	100		
58	29.9	18.8	28.2#



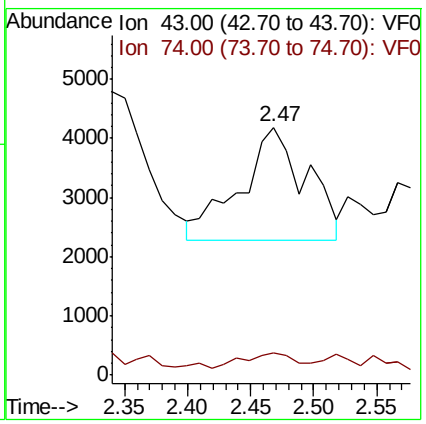


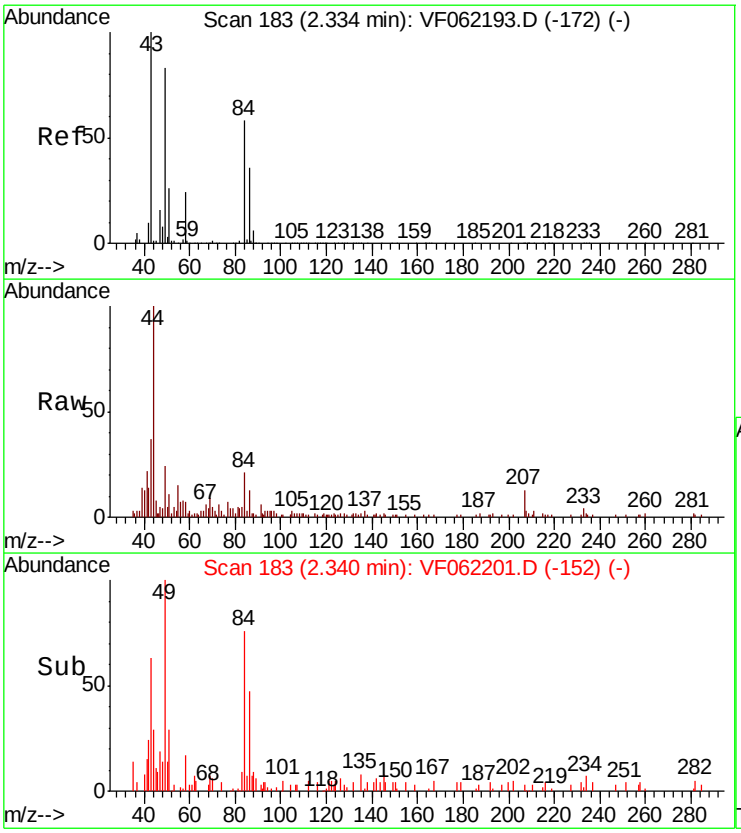
#18
Methyl Acetate
Concen: Below Cal
RT: 2.47 min Scan# 196
Delta R.T. 0.02 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 6870

Ion	Ratio	Lower	Upper
43	100		
74	10.0	14.5	21.7#

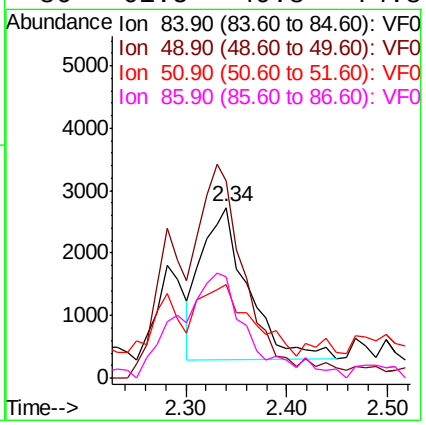


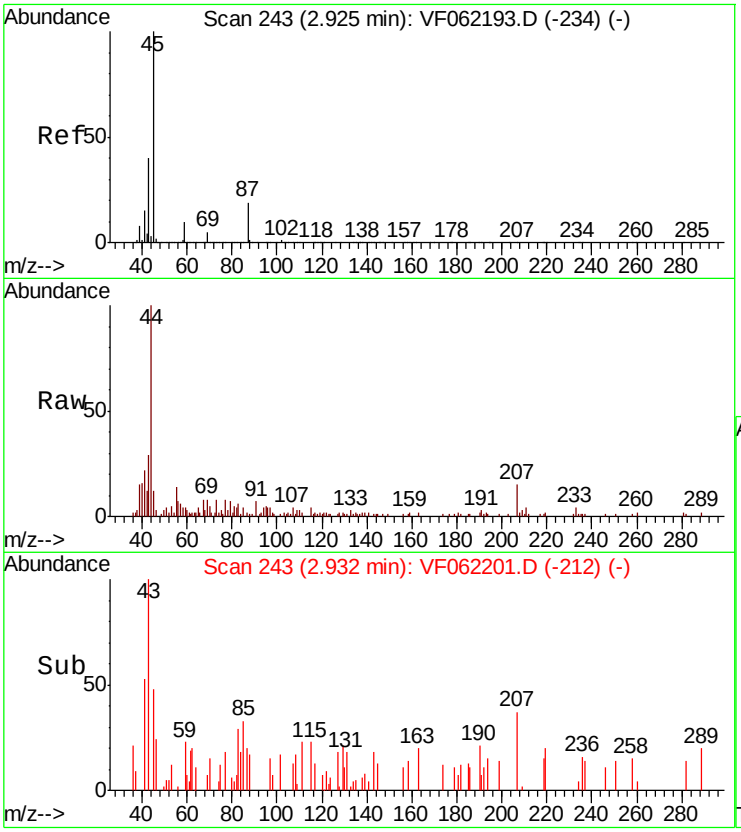


#20
Methylene Chloride
Concen: Below Cal
RT: 2.34 min Scan# 183
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 84 Resp: 7868

Ion	Ratio	Lower	Upper
84	100		
49	123.4	114.0	171.0
51	44.4	37.0	55.4
86	61.5	49.8	74.8



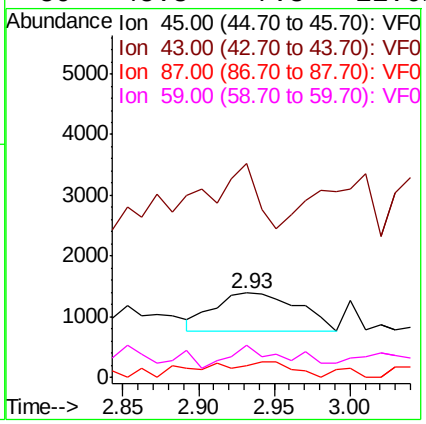


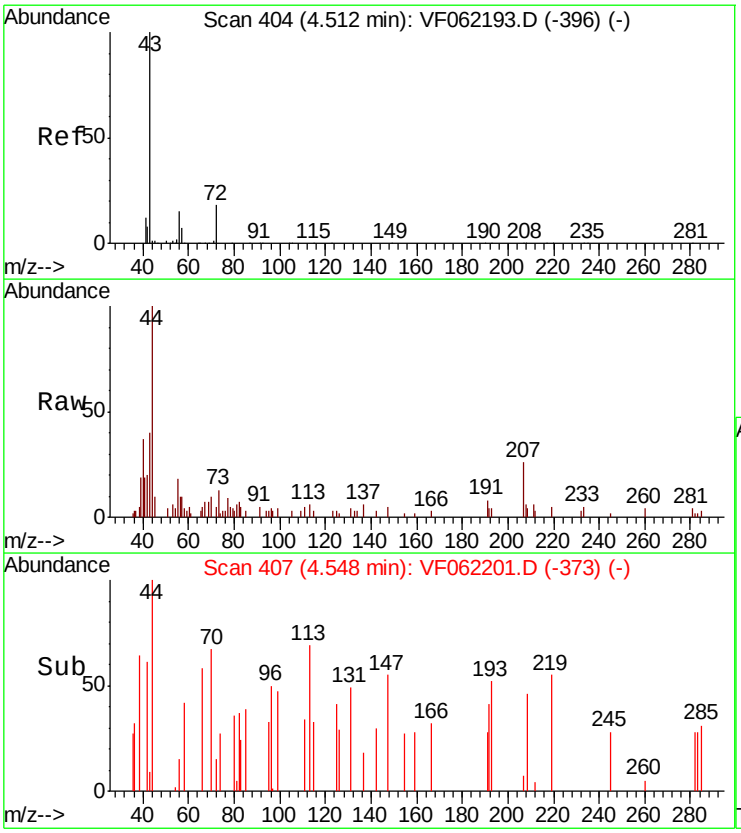
#22
Diisopropyl ether
Concen: 0.222 ug/l
RT: 2.93 min Scan# 243
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 45 Resp: 2426

Ion	Ratio	Lower	Upper
45	100		
43	83.8	32.8	49.2#
87	9.4	15.2	22.8#
59	45.8	7.8	11.6#

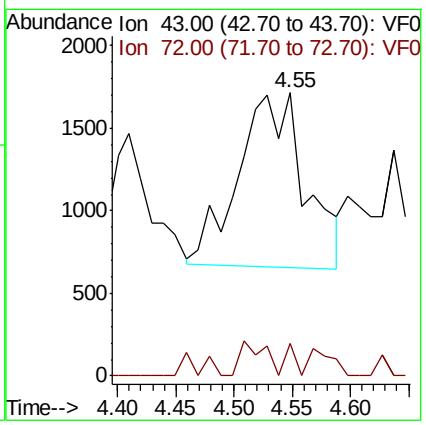


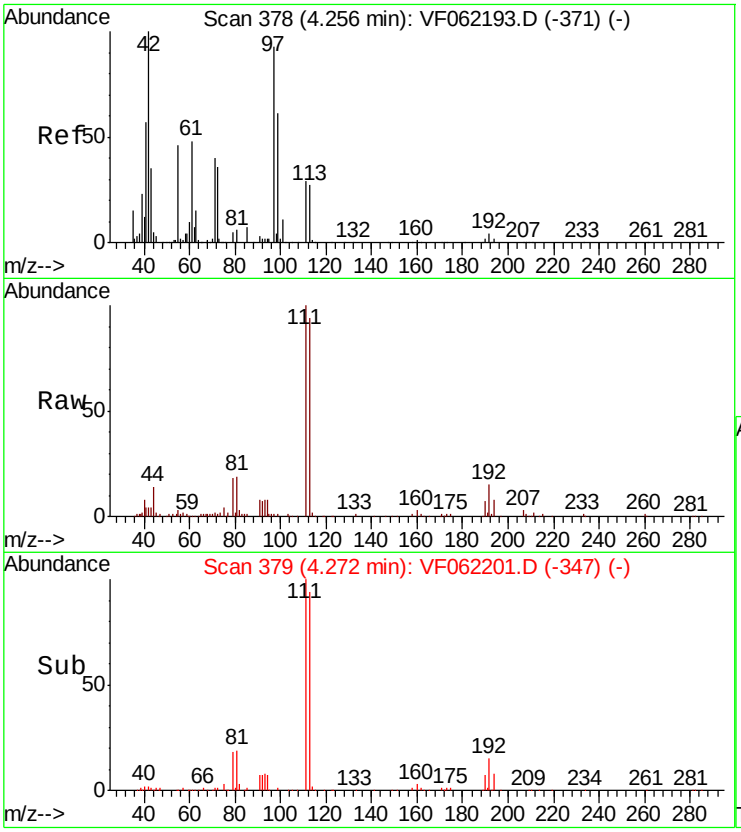


#25
2-Butanone
Concen: 2.847 ug/l
RT: 4.55 min Scan# 407
Delta R.T. 0.04 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 43 Resp: 4164

Ion	Ratio	Lower	Upper
43	100		
72	9.6	16.1	24.1#



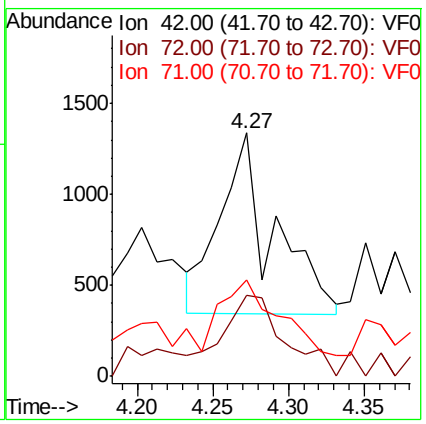


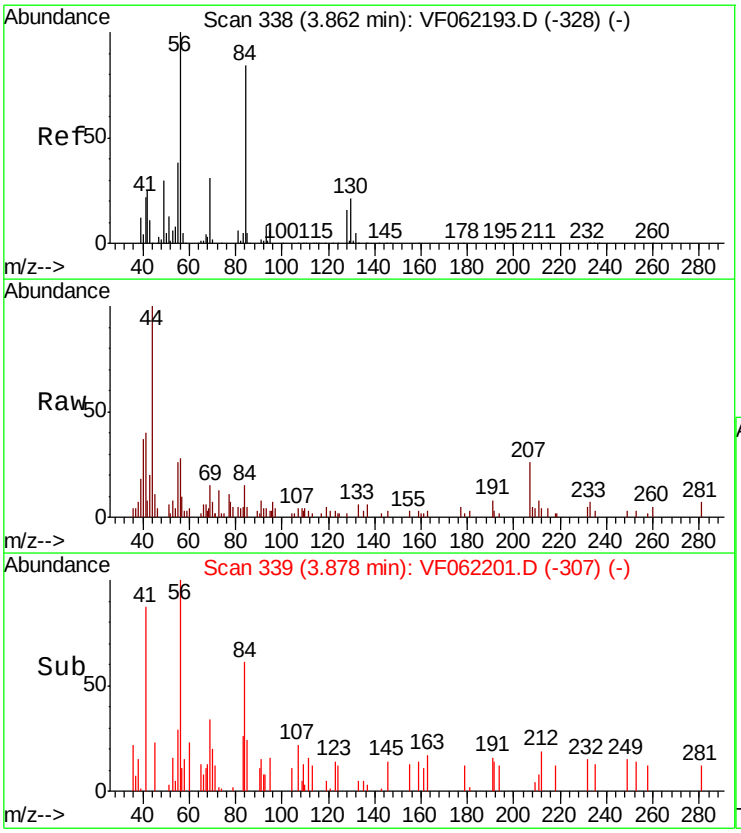
#29
Tetrahydrofuran
Concen: 3.647 ug/l
RT: 4.27 min Scan# 379
Delta R.T. 0.02 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 2415

Ion	Ratio	Lower	Upper
42	100		
72	52.6	28.6	43.0#
71	49.1	29.2	43.8#

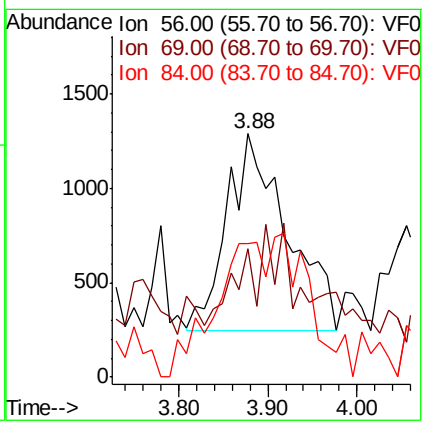


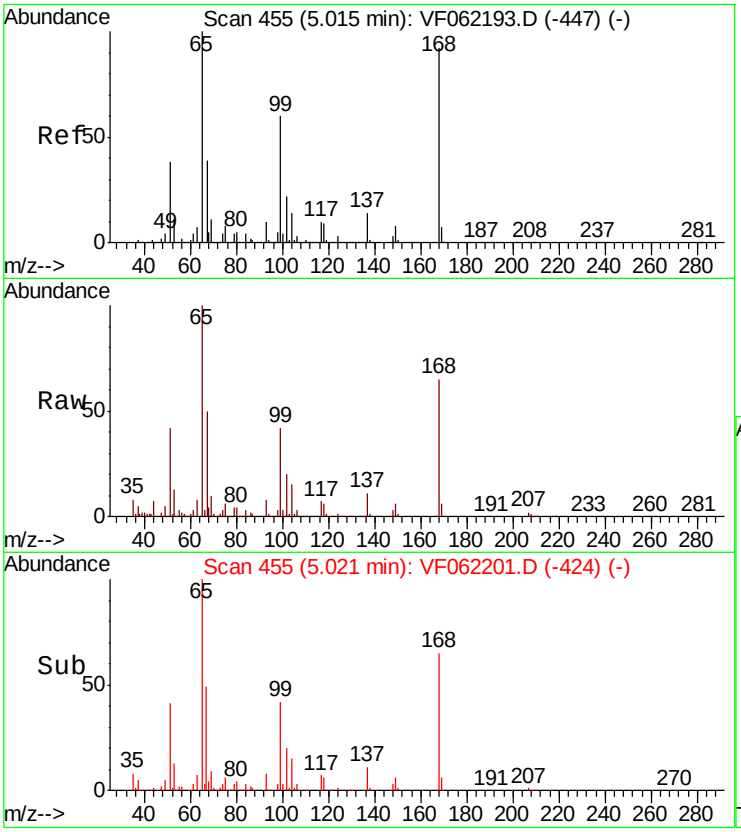


#31
Cyclohexane
Concen: 0.688 ug/l
RT: 3.88 min Scan# 339
Delta R.T. 0.02 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 56 Resp: 4926

Ion	Ratio	Lower	Upper
56	100		
69	24.2	25.1	37.7#
84	55.5	67.8	101.6#



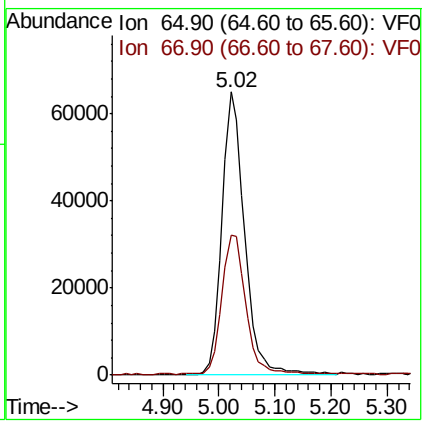


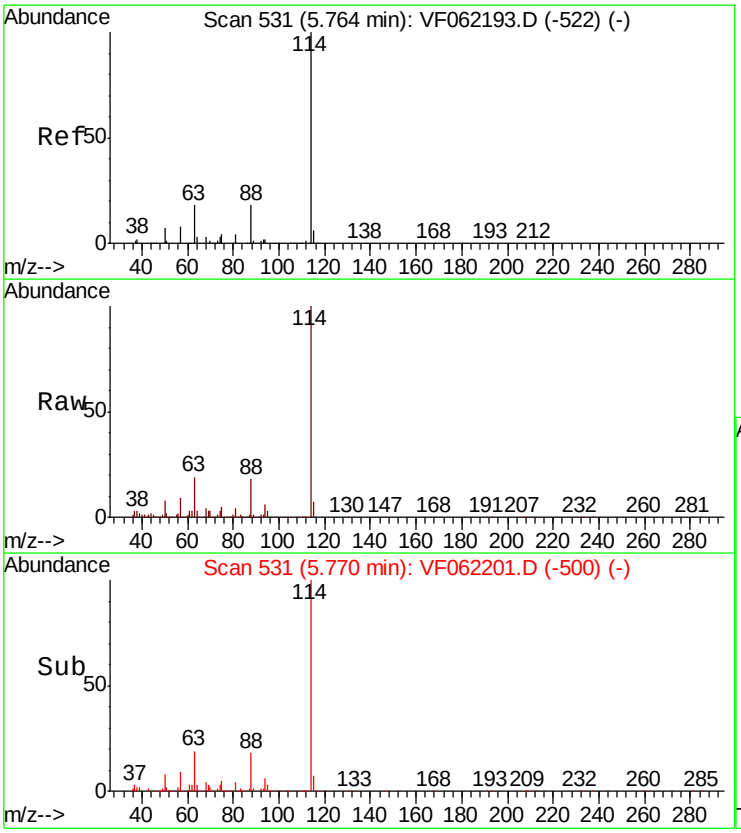
#33
1,2-Dichloroethane-d4
Concen: 60.053 ug/l
RT: 5.02 min Scan# 455
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 183804

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	109.4

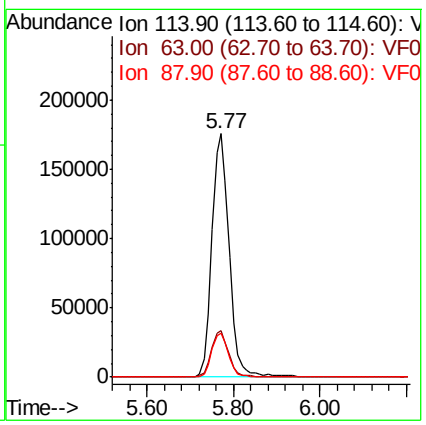


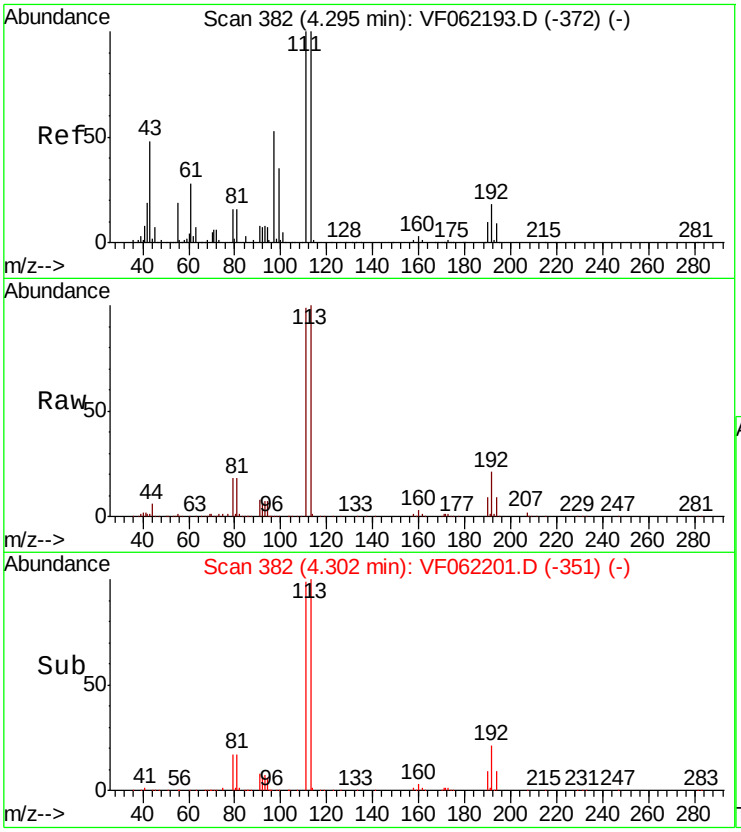


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 531
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion:114 Resp: 487970

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	36.6
88	18.3	0.0	35.8



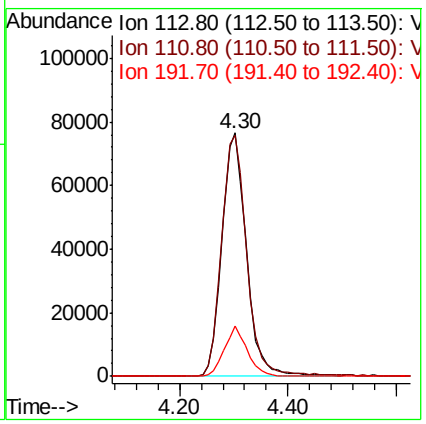


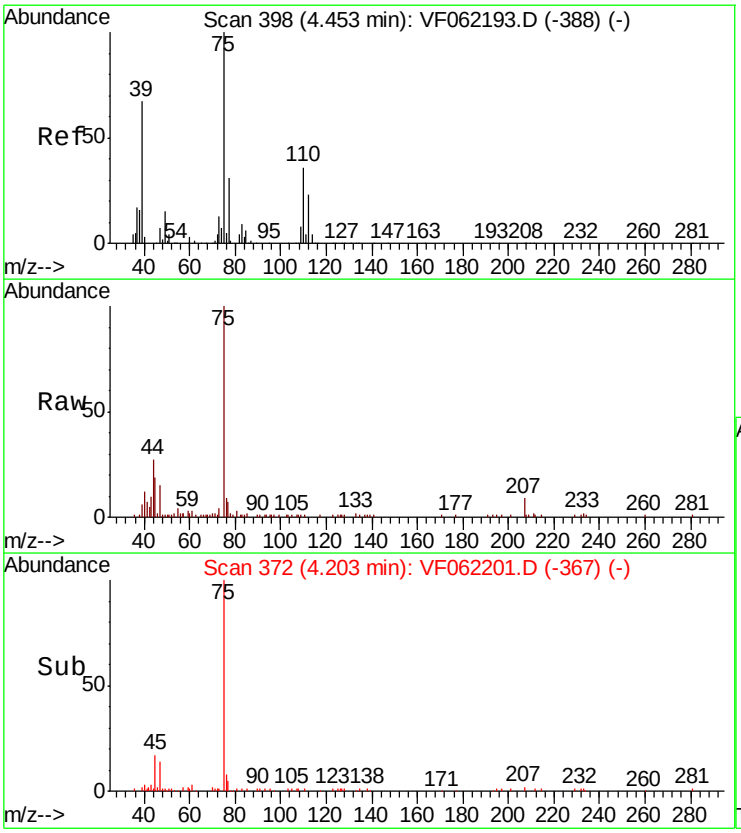
#35
Dibromofluoromethane
Concen: 56.645 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 241784

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	19.1	14.7	22.1

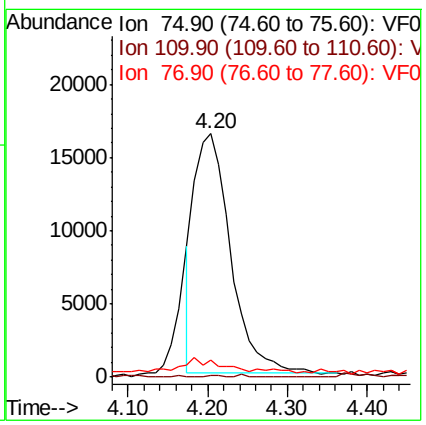


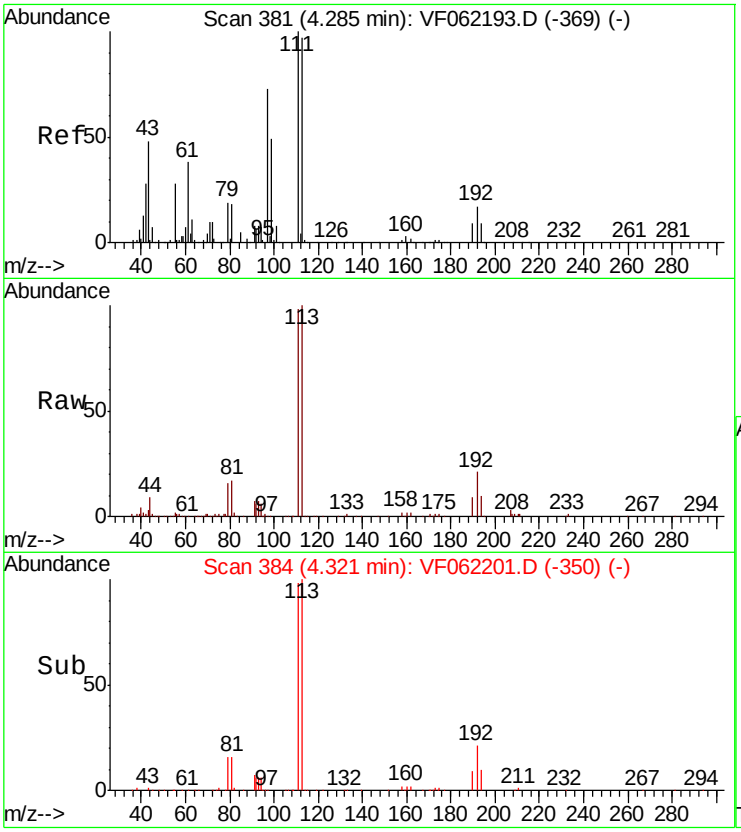


#36
1,1-Dichloropropene
Concen: 8.841 ug/l
RT: 4.20 min Scan# 372
Delta R.T. -0.25 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 75 Resp: 51727

Ion	Ratio	Lower	Upper
75	100		
110	0.2	18.4	55.2#
77	0.0	25.4	38.2#



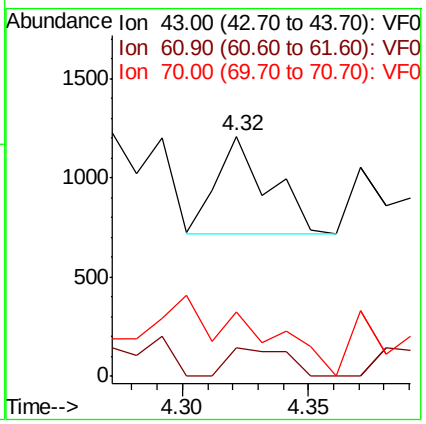


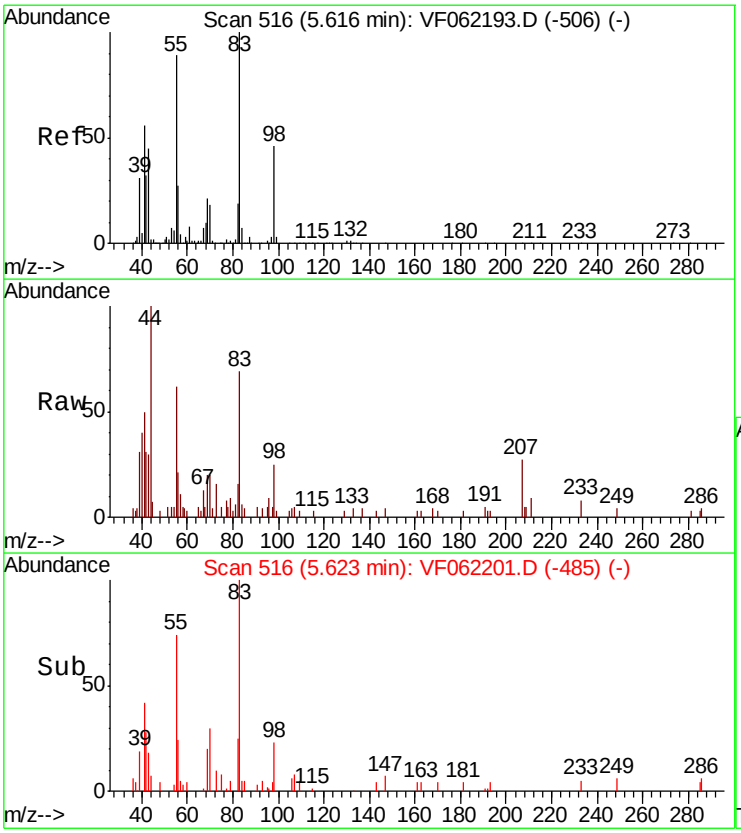
#37
Ethyl Acetate
Concen: 0.258 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.04 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 712

Ion	Ratio	Lower	Upper
43	100		
61	32.9	0.0	0.0#
70	0.0	7.8	11.6#

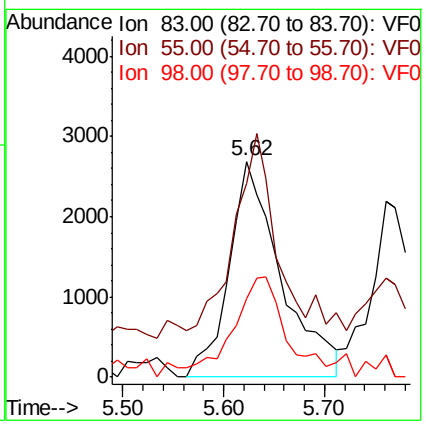


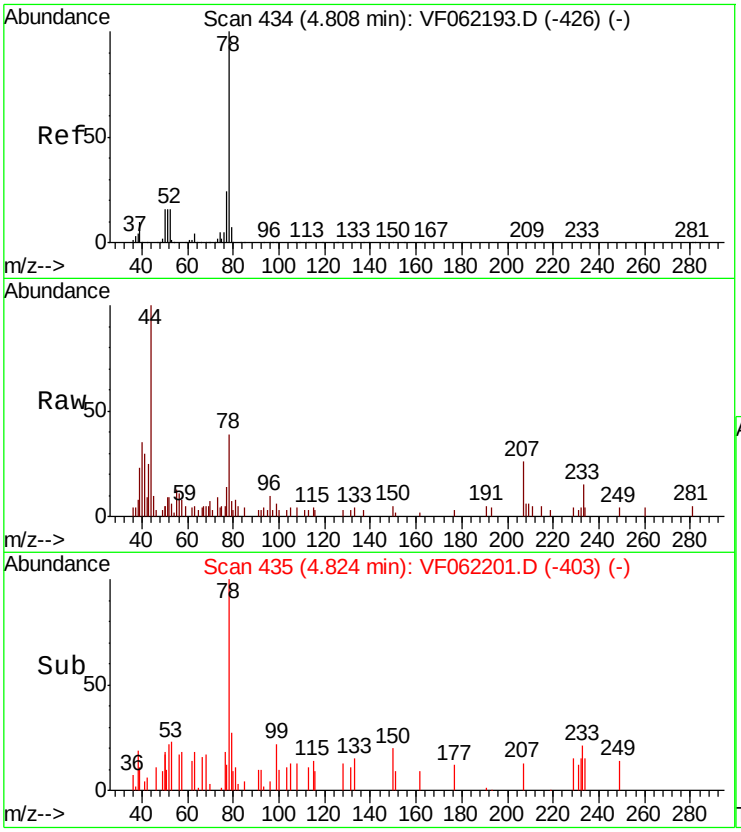


#39
Methylcyclohexane
Concen: 1.377 ug/l
RT: 5.62 min Scan# 516
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 83 Resp: 9644

Ion	Ratio	Lower	Upper
83	100		
55	68.0	71.0	106.6#
98	32.0	36.7	55.1#



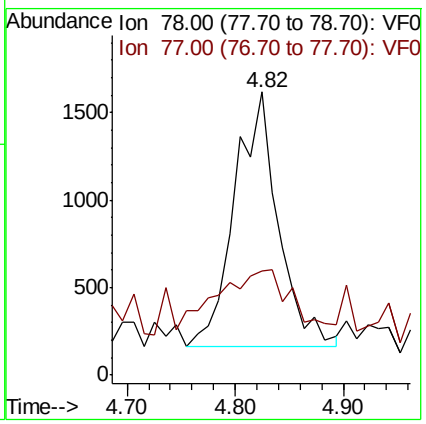


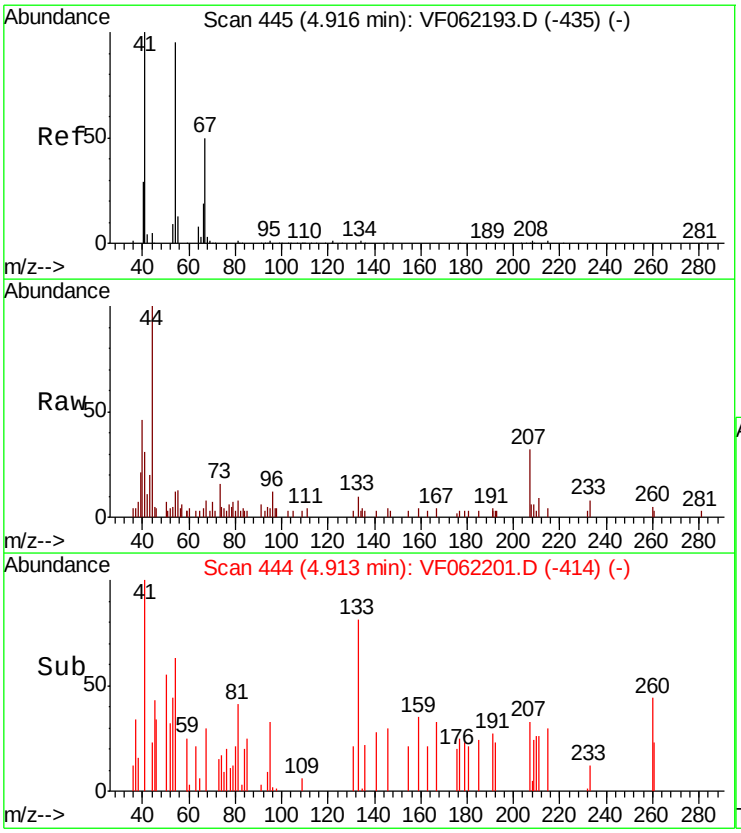
#40
Benzene
Concen: 0.268 ug/l
RT: 4.82 min Scan# 435
Delta R.T. 0.02 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 78 Resp: 4115

Ion	Ratio	Lower	Upper
78	100		
77	21.1	18.9	28.3

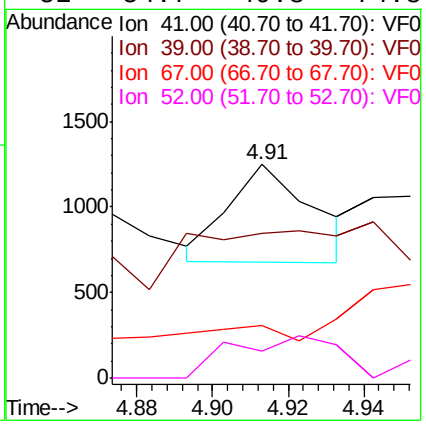


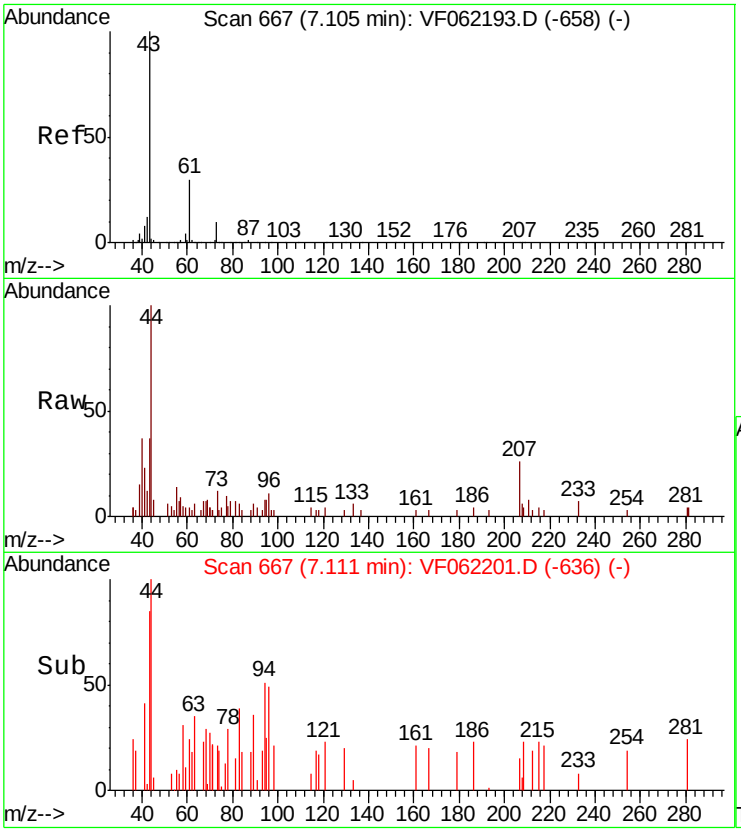


#41
Methacrylonitrile
Concen: 0.549 ug/l
RT: 4.91 min Scan# 444
Delta R.T. -0.00 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 41 Resp: 875

Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.7	67.1#
67	0.0	39.1	58.7#
52	54.7	49.8	74.8



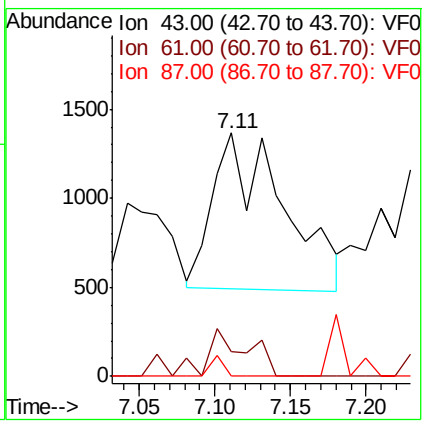


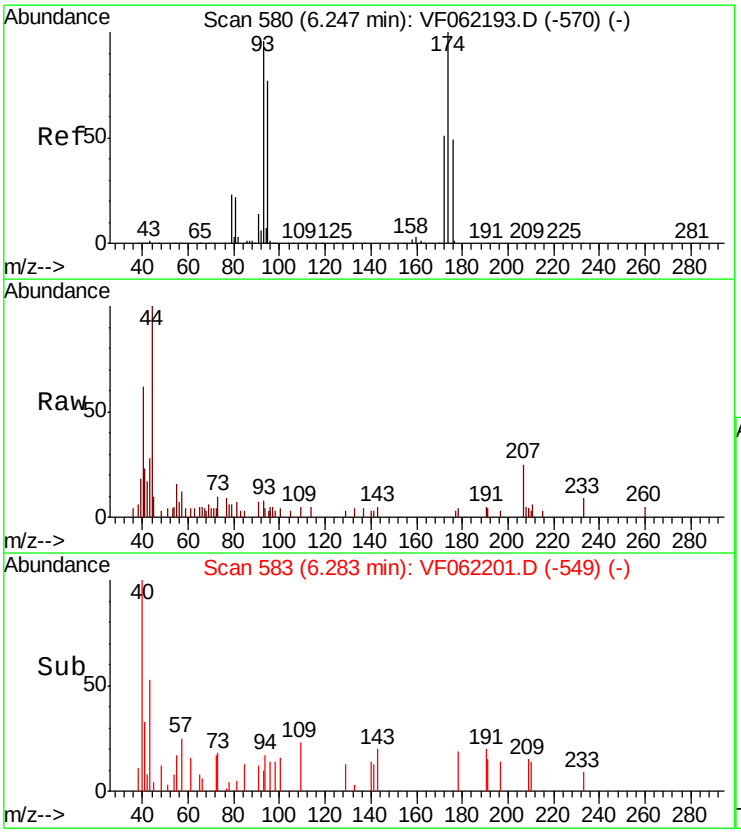
#43
Isopropyl Acetate
Concen: 0.975 ug/l
RT: 7.11 min Scan# 667
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2832

Ion	Ratio	Lower	Upper
43	100		
61	17.6	24.4	36.6#
87	2.5	0.4	0.6#

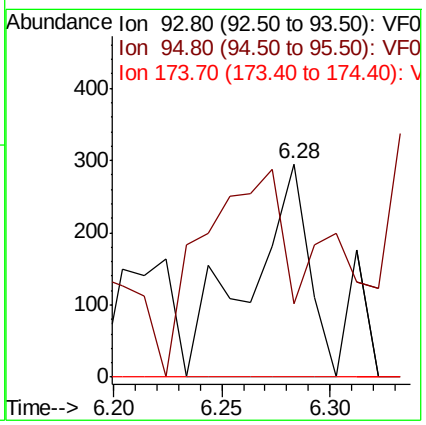


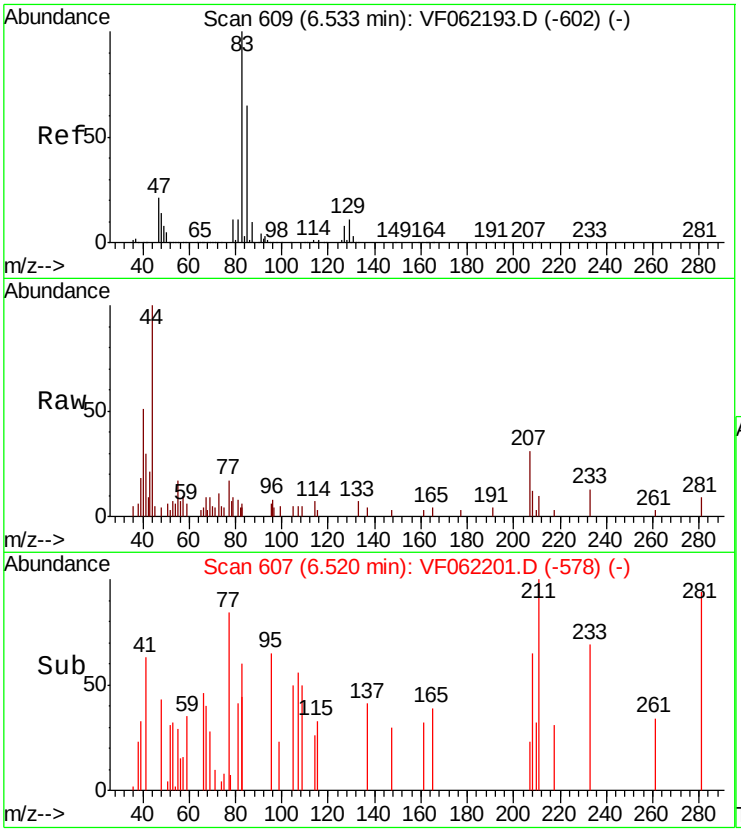


#46
Dibromomethane
Concen: 0.251 ug/l
RT: 6.28 min Scan# 583
Delta R.T. 0.04 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 93 Resp: 564

Ion	Ratio	Lower	Upper
93	100		
95	153.2	65.1	97.7#
174	0.0	81.8	122.6#



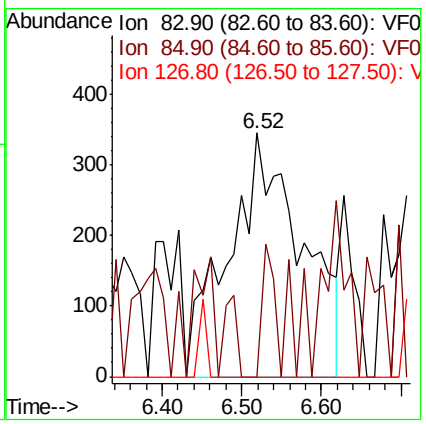


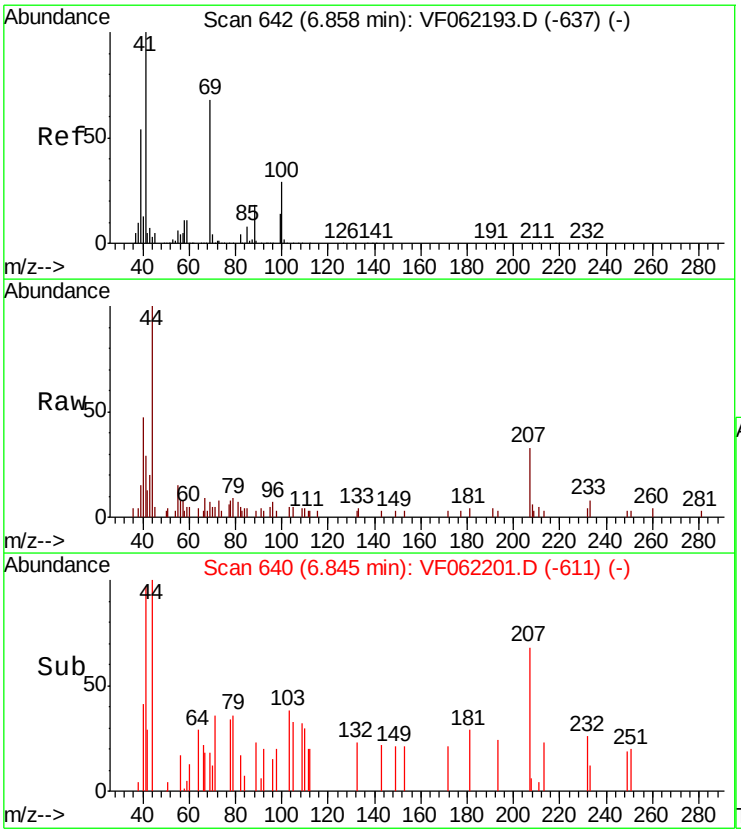
#47
Bromodichloromethane
Concen: 0.432 ug/l
RT: 6.52 min Scan# 607
Delta R.T. -0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 2191

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.2	78.4#
127	0.0	6.7	10.1#

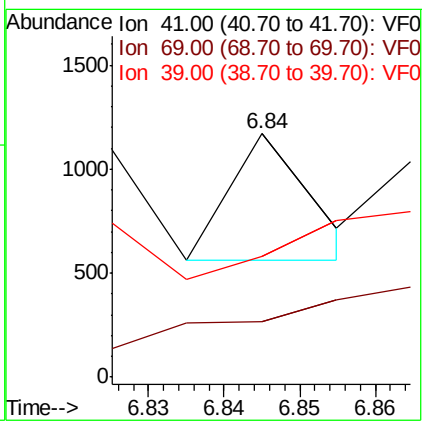


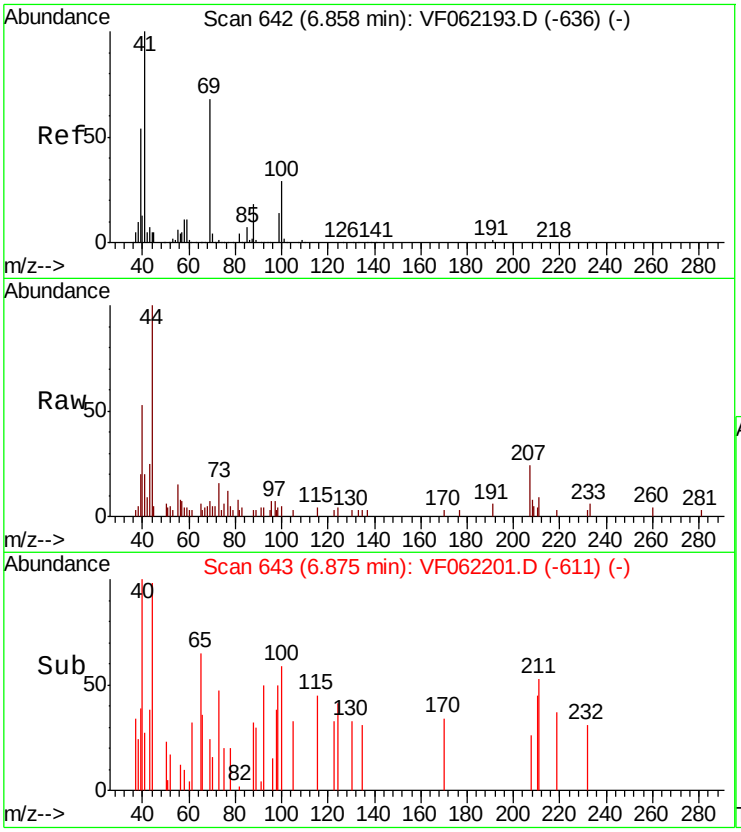


#48
Methyl methacrylate
Concen: 0.234 ug/l
RT: 6.84 min Scan# 640
Delta R.T. -0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 41 Resp: 446

Ion	Ratio	Lower	Upper
41	100		
69	119.3	54.9	82.3#
39	732.1	43.6	65.4#



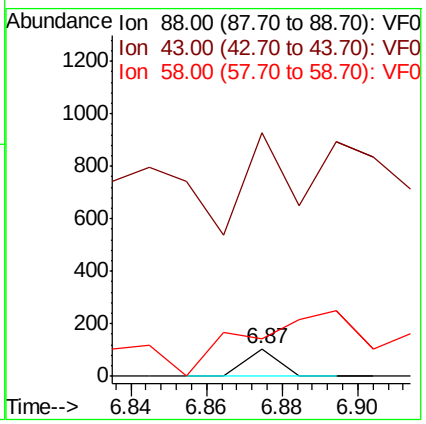


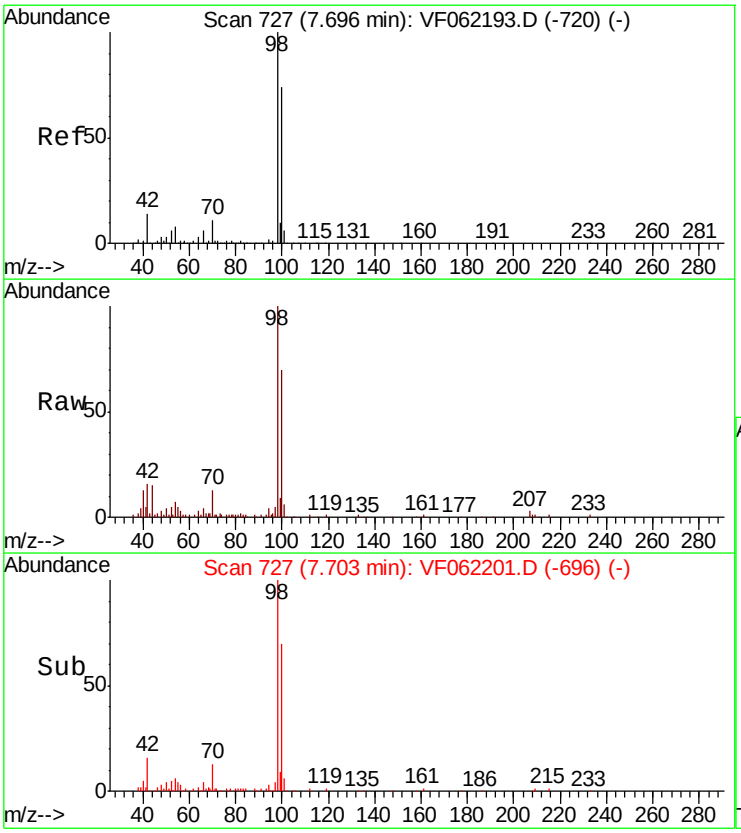
#49
1,4-Dioxane
Concen: 2.879 ug/l
RT: 6.87 min Scan# 643
Delta R.T. 0.02 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	1385.7	36.9	55.3#
58	1123.8	56.8	85.2#

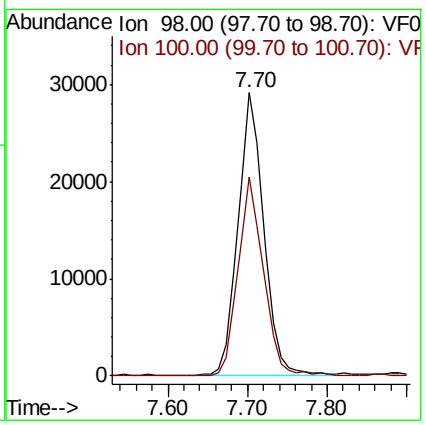


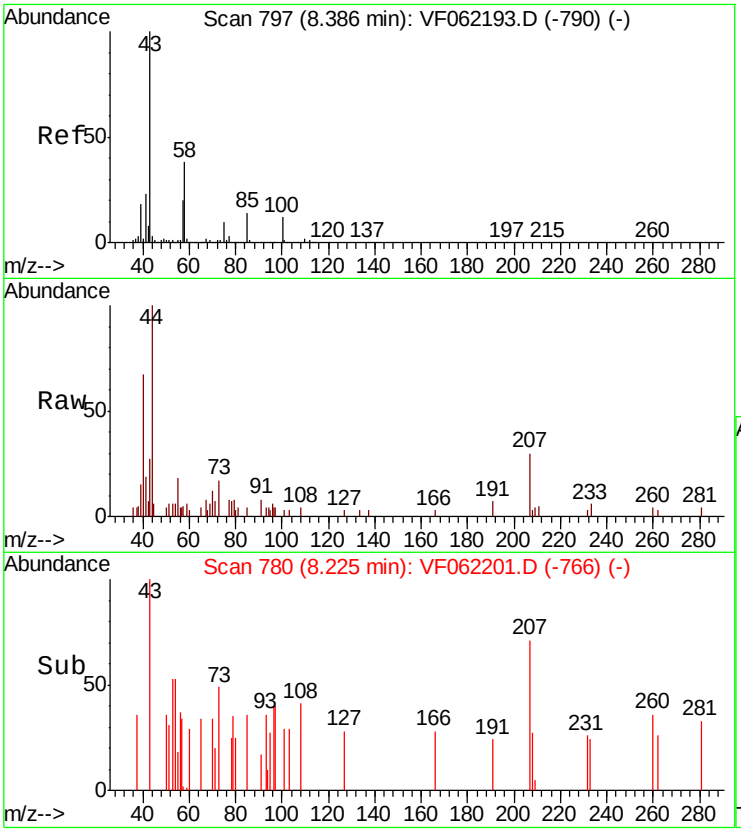


#50
Toluene-d8
Concen: 6.076 ug/l
RT: 7.70 min Scan# 727
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 98 Resp: 65653

Ion	Ratio	Lower	Upper
98	100		
100	68.8	56.2	84.2



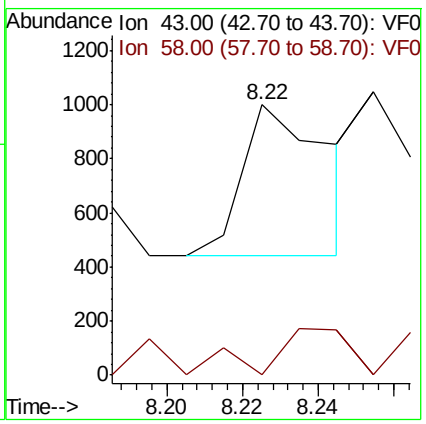


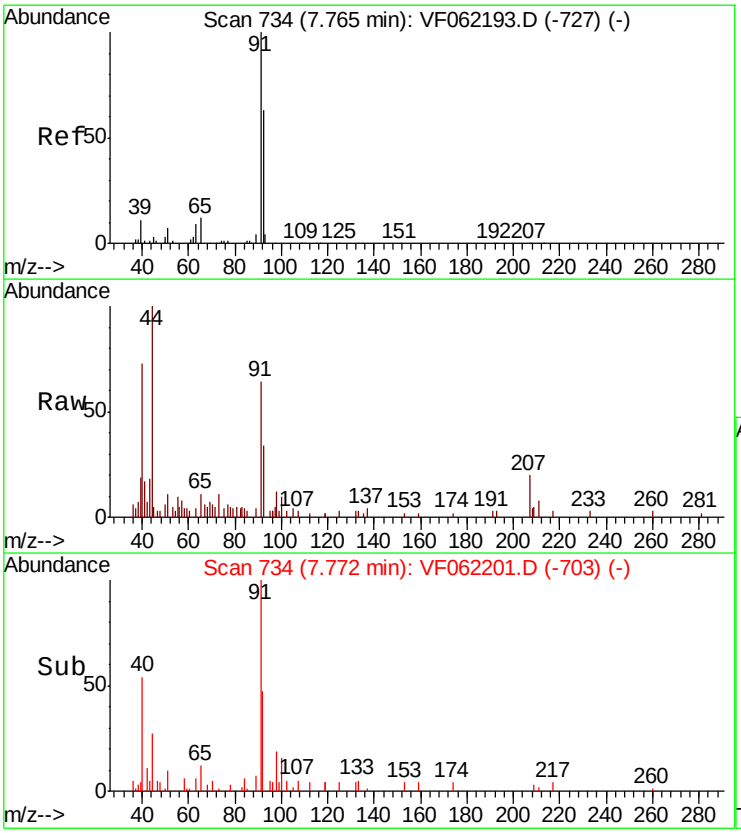
#51
4-Methyl-2-Pentanone
Concen: 0.406 ug/l
RT: 8.22 min Scan# 780
Delta R.T. -0.16 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 876

Ion	Ratio	Lower	Upper
43	100		
58	40.4	29.3	43.9

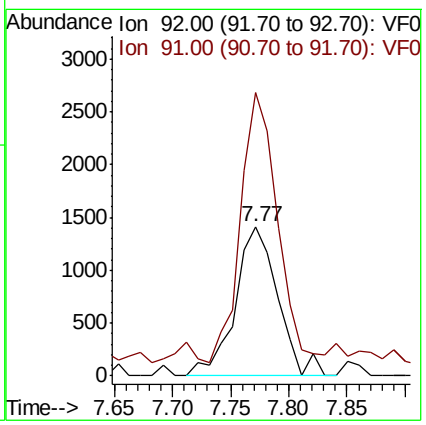


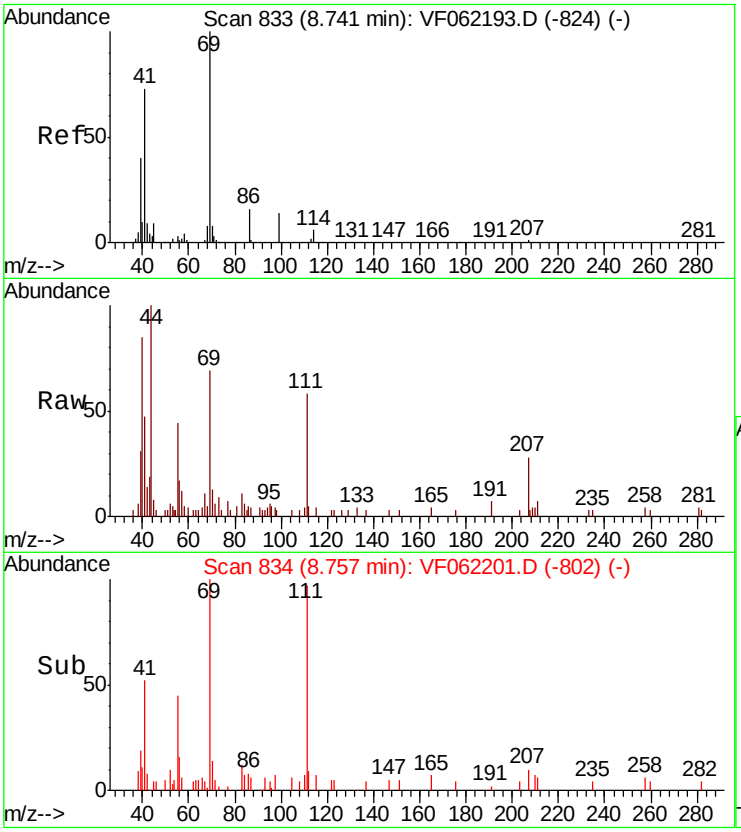


#52
Toluene
Concen: 0.443 ug/l
RT: 7.77 min Scan# 734
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 92 Resp: 3587

Ion	Ratio	Lower	Upper
92	100		
91	156.5	130.1	195.1



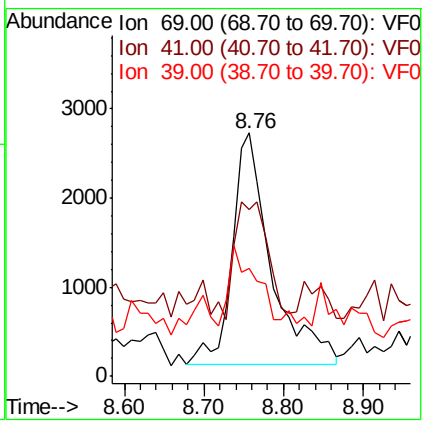


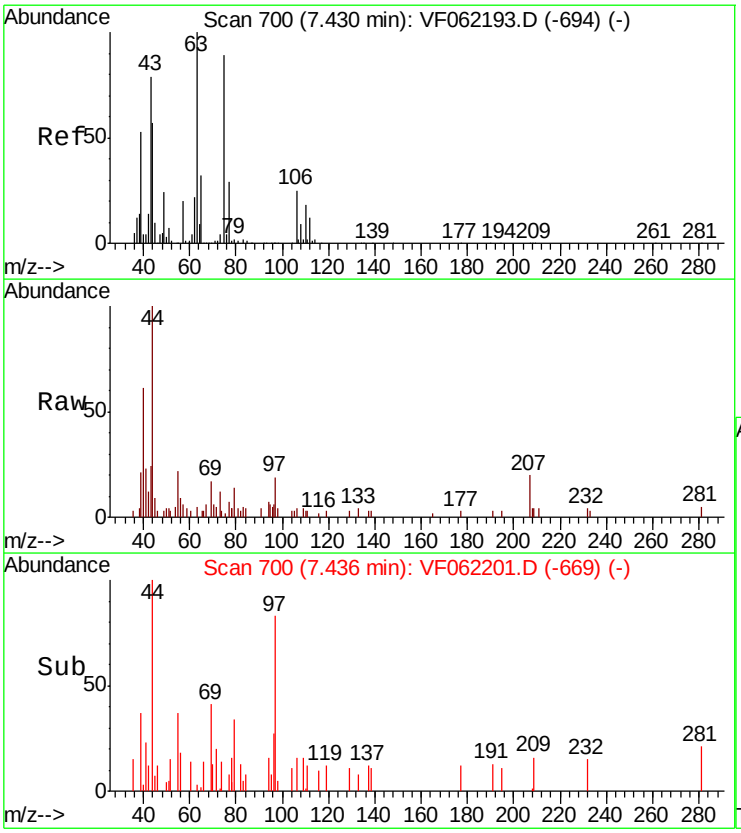
#56
Ethyl methacrylate
Concen: 3.465 ug/l
RT: 8.76 min Scan# 834
Delta R.T. 0.02 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 69 Resp: 8928

Ion	Ratio	Lower	Upper
69	100		
41	41.7	61.5	92.3#
39	0.0	33.3	49.9#

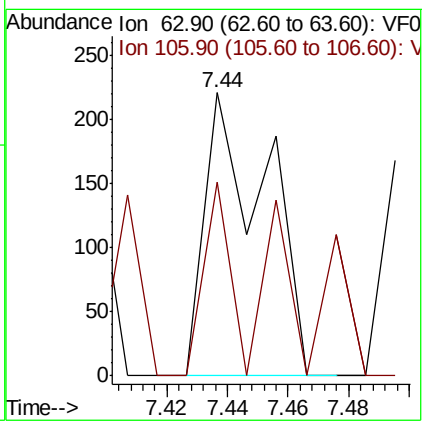


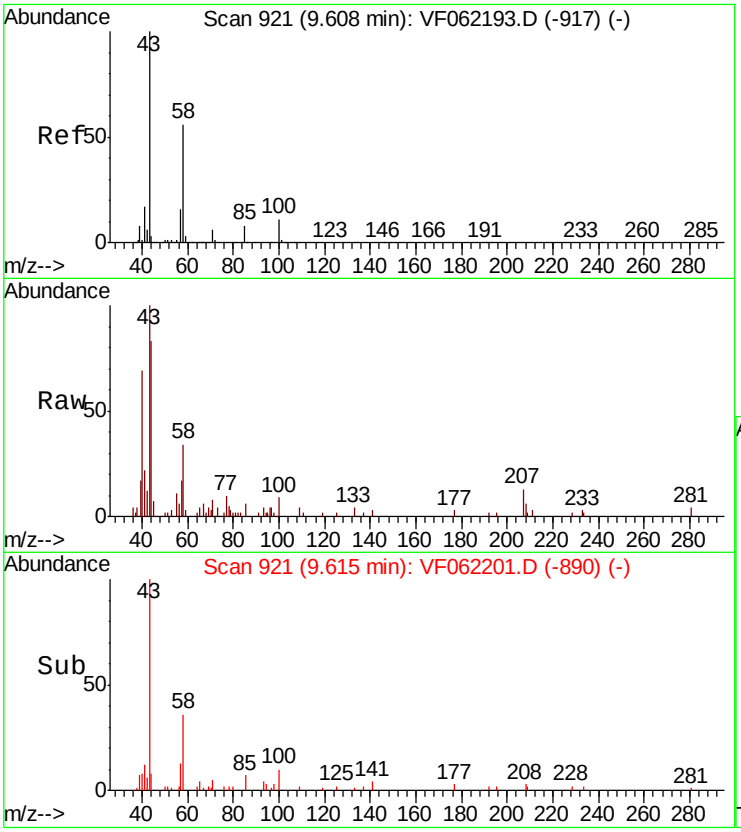


#58
2-Chloroethyl Vinyl ether
Concen: 0.409 ug/l
RT: 7.44 min Scan# 700
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 63 Resp: 306

Ion	Ratio	Lower	Upper
63	100		
106	29.1	21.4	32.0



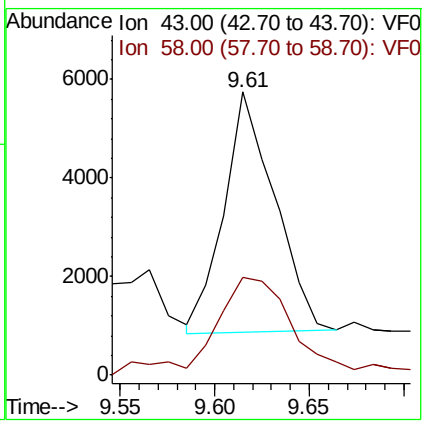


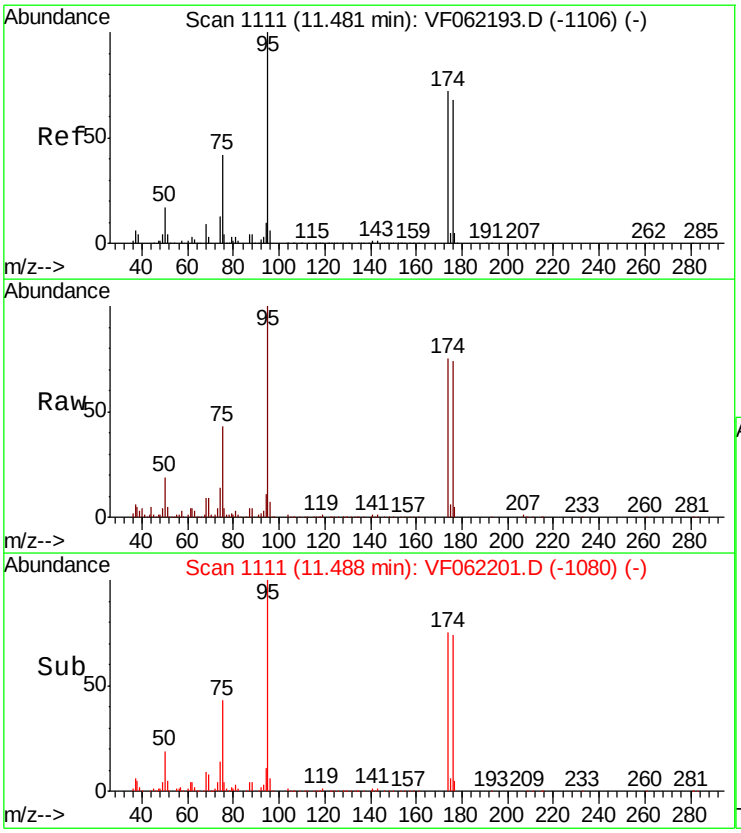
#59
2-Hexanone
Concen: 6.864 ug/l
RT: 9.61 min Scan# 921
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 9065

Ion	Ratio	Lower	Upper
43	100		
58	67.3	24.6	74.0

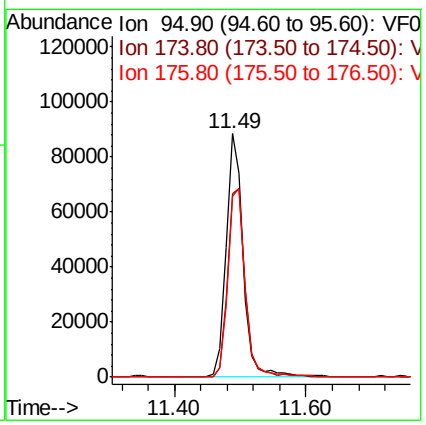


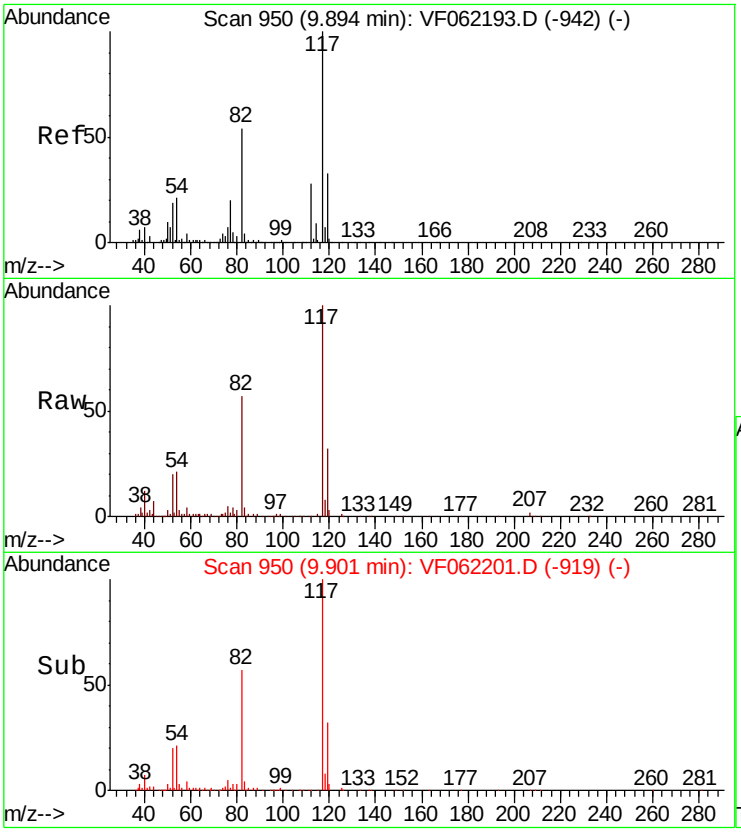


#62
4-Bromofluorobenzene
Concen: 38.333 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 95 Resp: 159336

Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	159.4
176	79.8	0.0	155.4



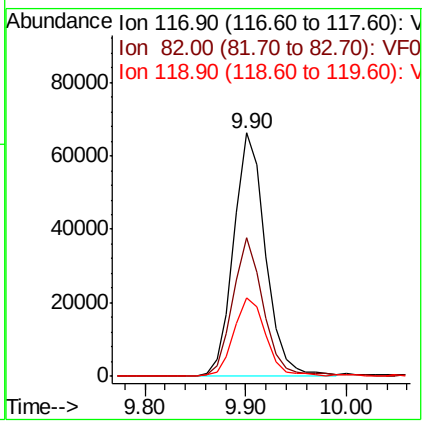


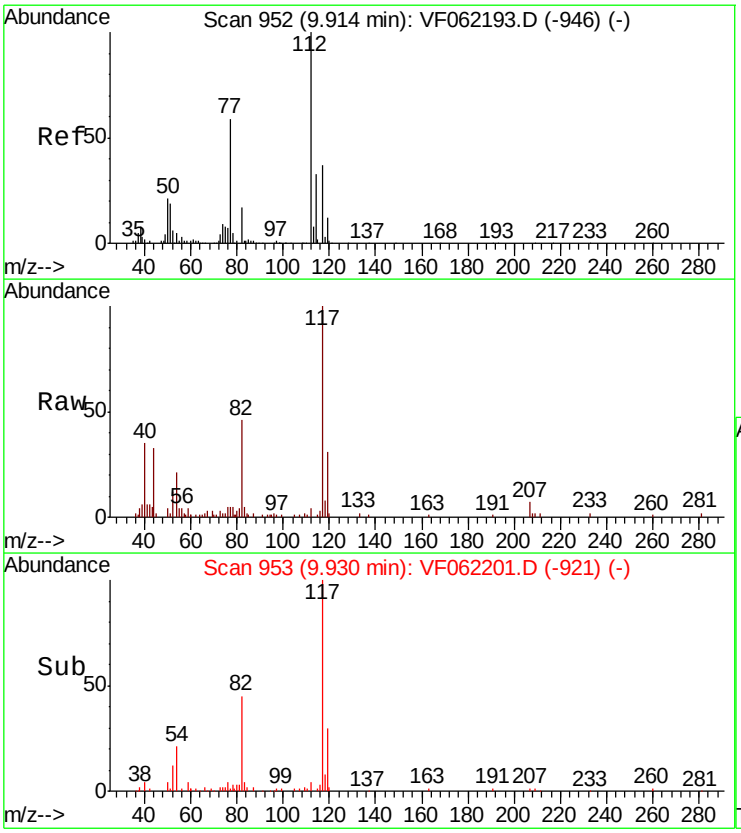
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 146062

Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.2	64.8
119	32.0	26.2	39.4

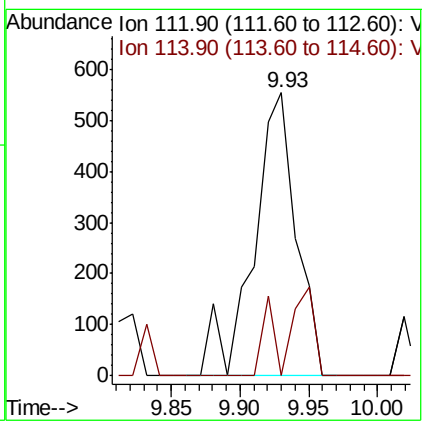


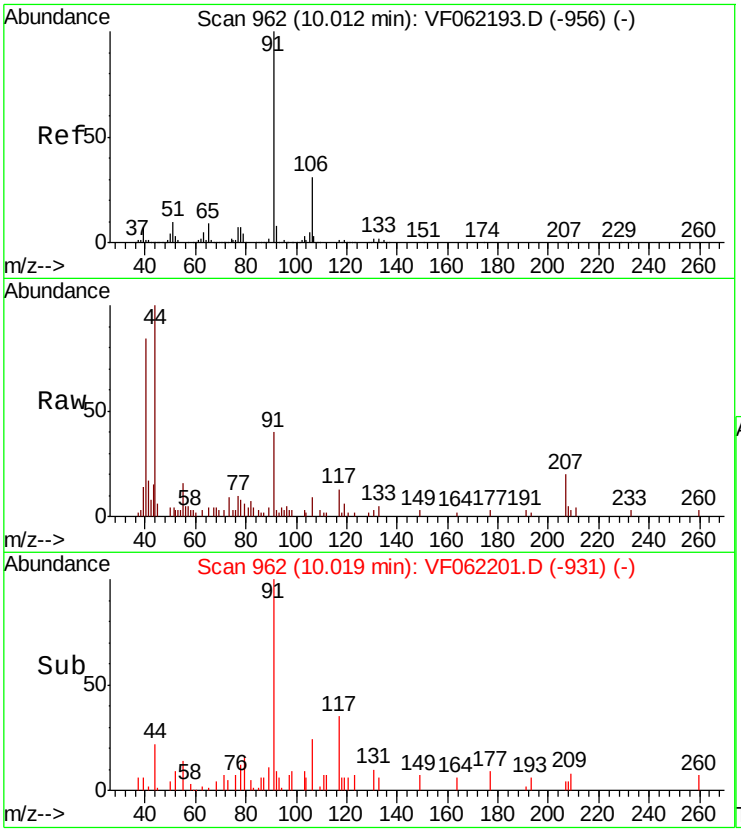


#65
Chlorobenzene
Concen: 0.385 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion:112 Resp: 1199

Ion	Ratio	Lower	Upper
112	100		
114	0.0	26.1	39.1#



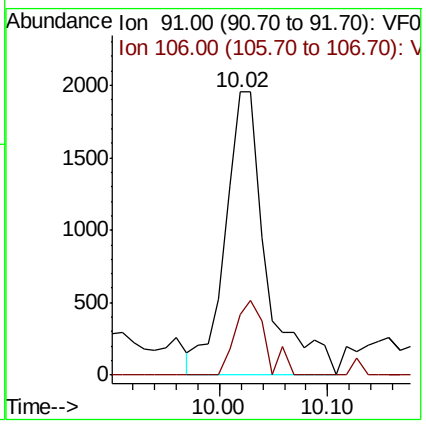


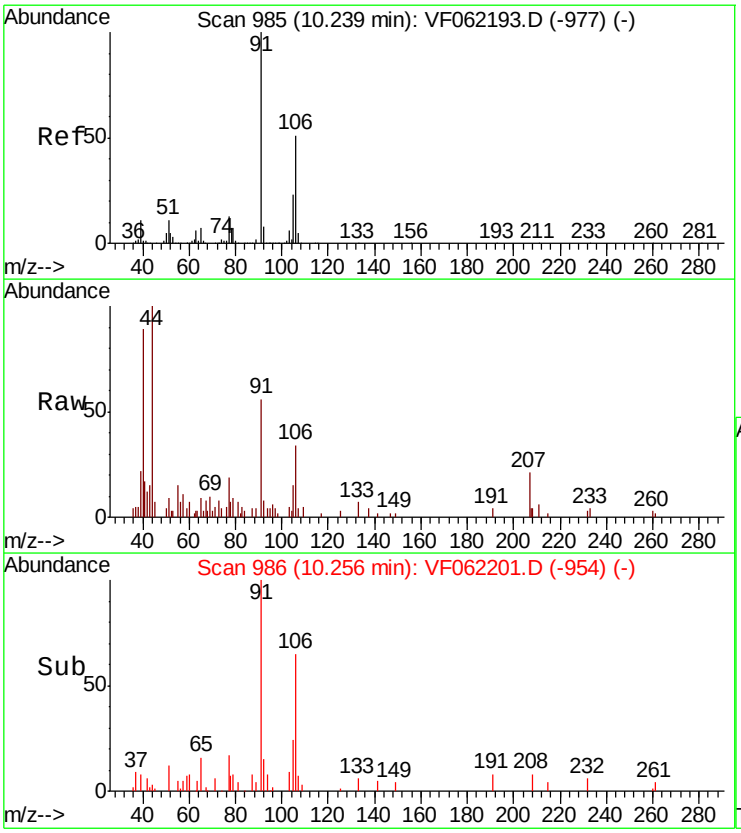
#67
Ethyl Benzene
Concen: 0.910 ug/l
RT: 10.02 min Scan# 962
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 5153

Ion	Ratio	Lower	Upper
91	100		
106	21.3	24.9	37.3#

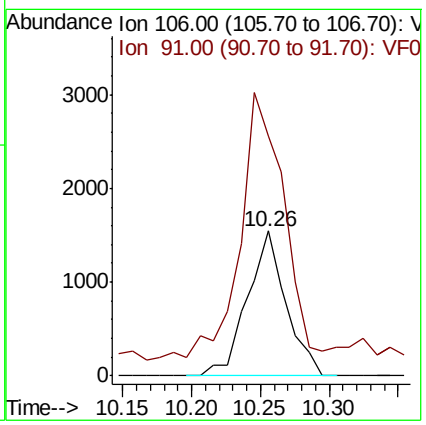


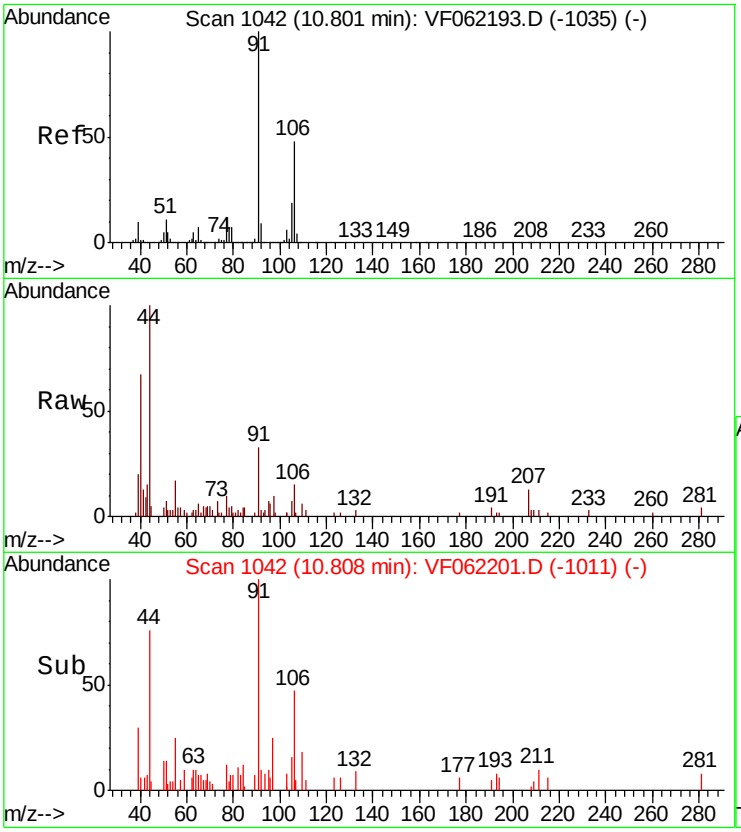


#68
m/p-Xylenes
Concen: 1.451 ug/l
RT: 10.26 min Scan# 986
Delta R.T. 0.02 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion:106 Resp: 3025

Ion	Ratio	Lower	Upper
106	100		
91	204.2	159.1	238.7



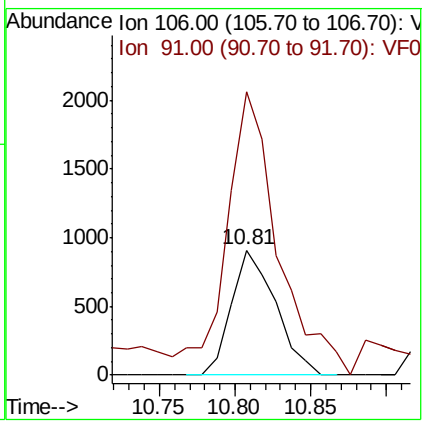


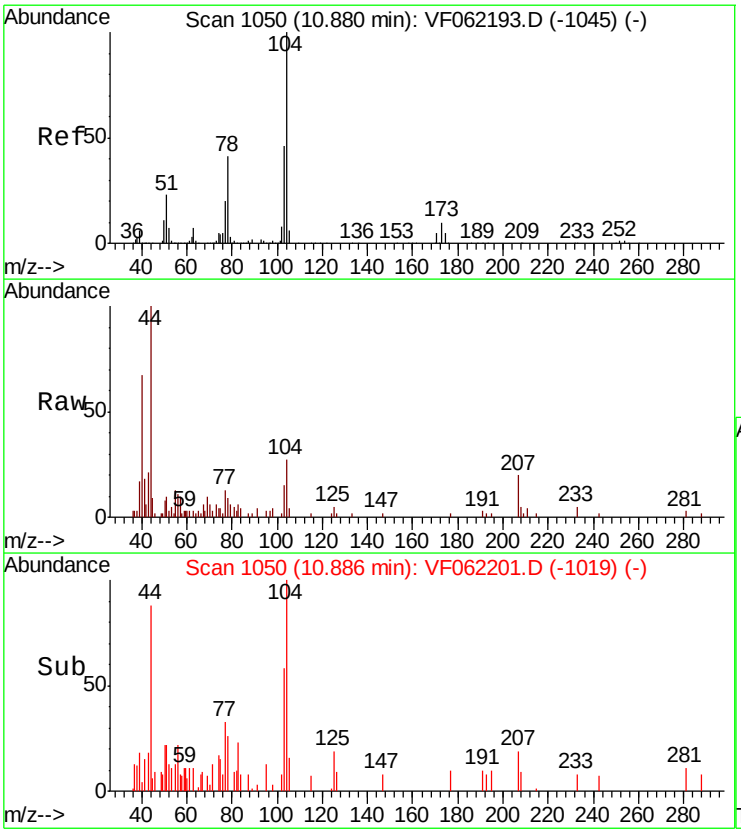
#69
o-Xylene
Concen: 0.797 ug/l
RT: 10.81 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 1844

Ion	Ratio	Lower	Upper
106	100		
91	264.4	107.5	322.4

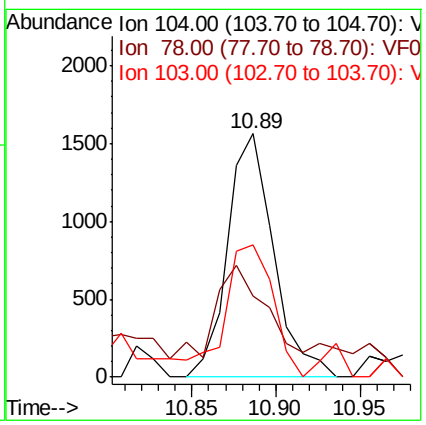


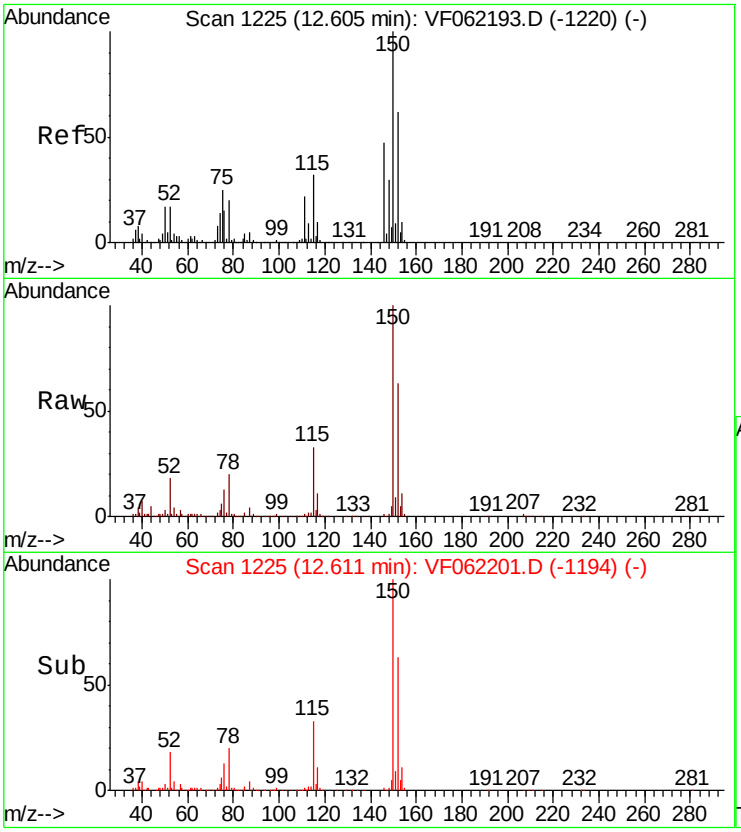


#70
Styrene
Concen: 0.906 ug/l
RT: 10.89 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion:104 Resp: 2961

Ion	Ratio	Lower	Upper
104	100		
78	41.0	34.5	51.7
103	56.0	37.2	55.8#



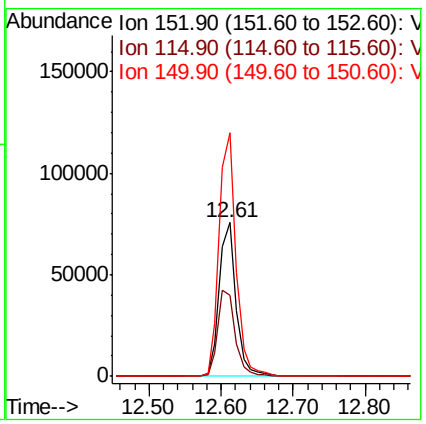


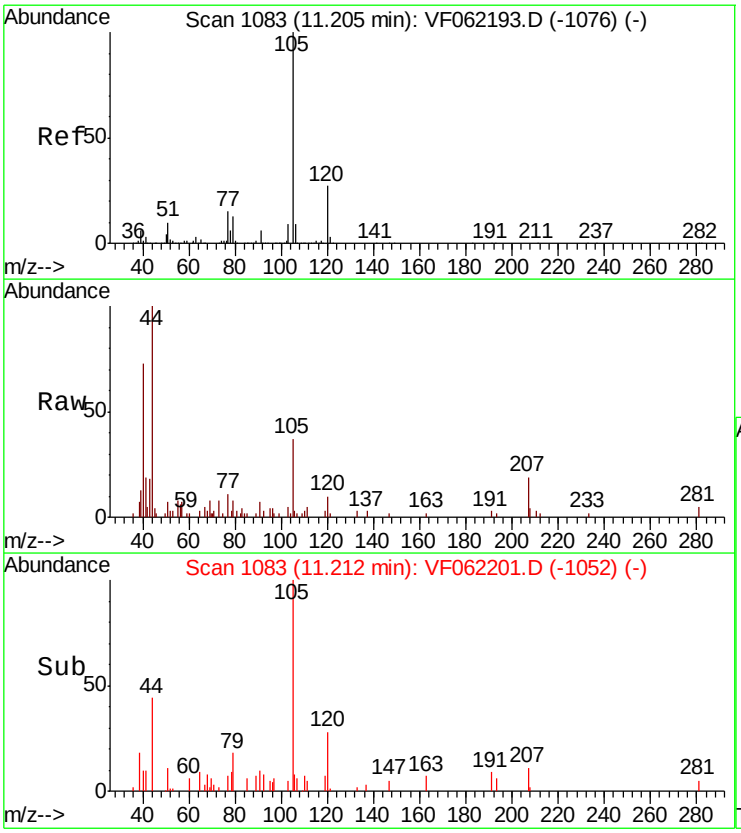
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 122950

Ion	Ratio	Lower	Upper
152	100		
115	58.0	27.8	83.3
150	157.5	0.0	341.8

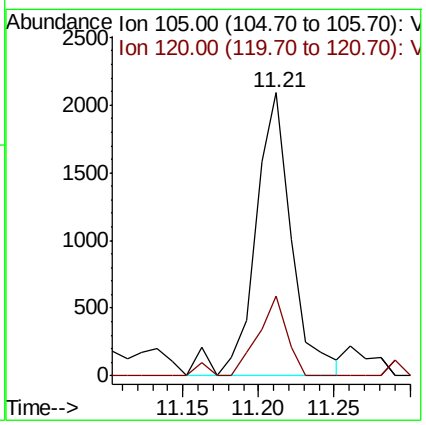


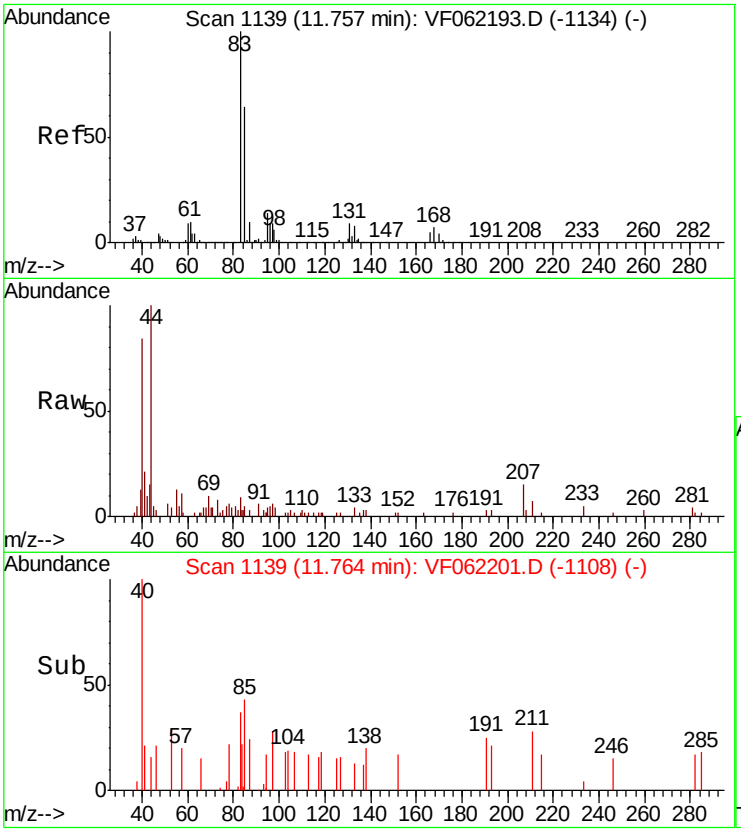


#73
Isopropylbenzene
Concen: 0.335 ug/l
RT: 11.21 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion:105 Resp: 3539

Ion	Ratio	Lower	Upper
105	100		
120	22.1	13.0	38.9



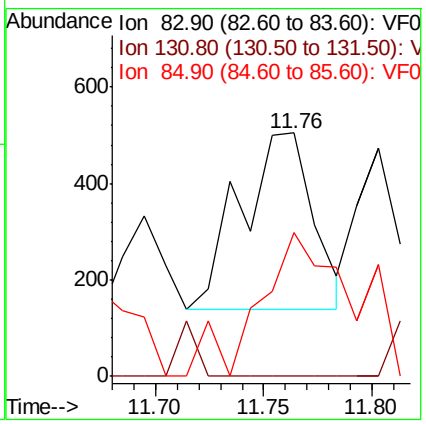


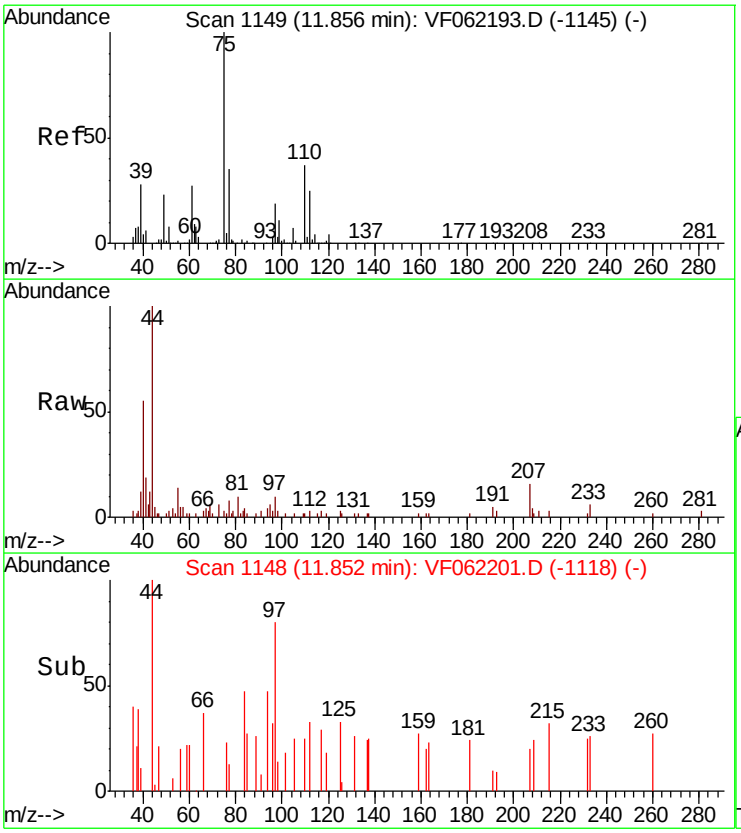
#75
1,1,2,2-Tetrachloroethane
Concen: 0.467 ug/l
RT: 11.76 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 848

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.5#
85	106.8	34.7	104.1#

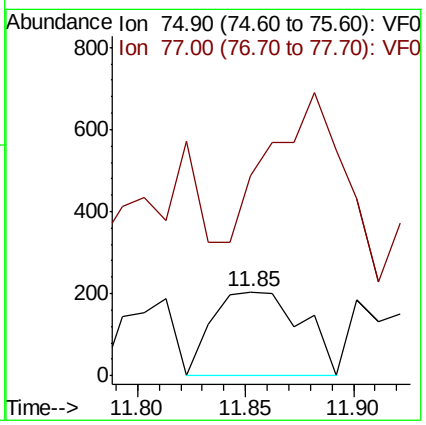


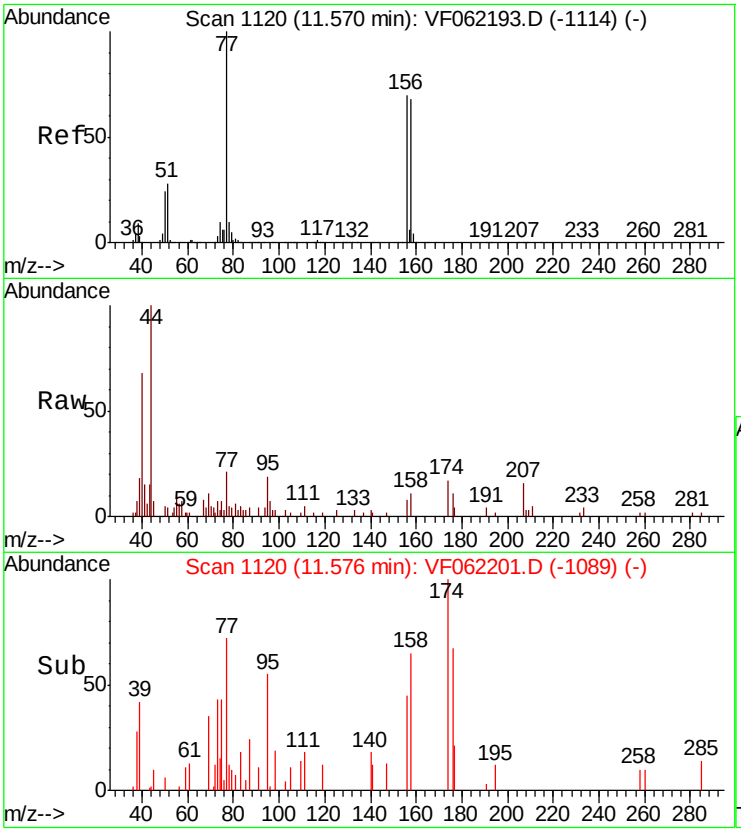


#76
1,2,3-Trichloropropane
Concen: 0.471 ug/l
RT: 11.85 min Scan# 1148
Delta R.T. -0.00 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 75 Resp: 589

Ion	Ratio	Lower	Upper
75	100		
77	0.0	7.4	22.2#



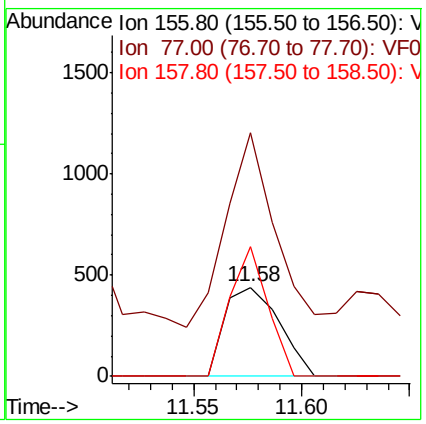


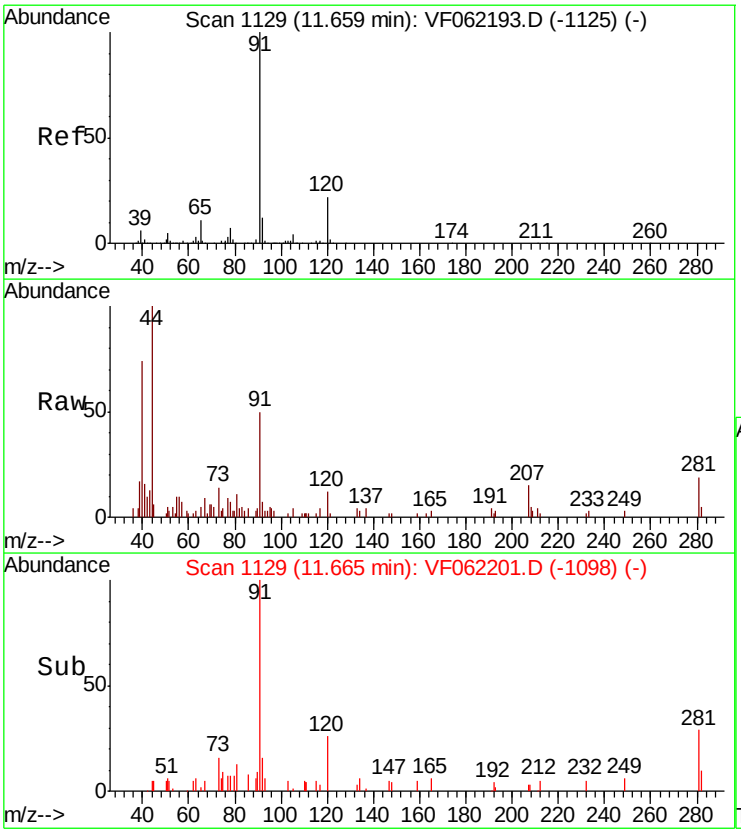
#77
Bromobenzene
Concen: 0.341 ug/l
RT: 11.58 min Scan# 1120
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:156 Resp: 772

Ion	Ratio	Lower	Upper
156	100		
77	193.8	80.9	242.7
158	101.3	49.8	149.4

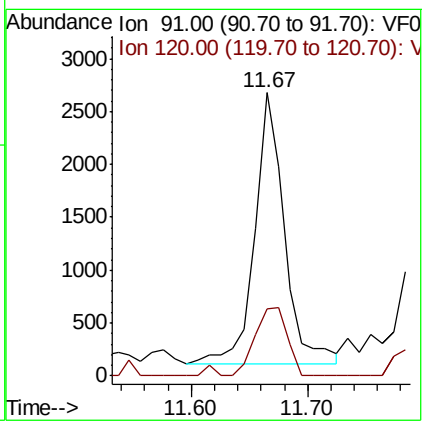


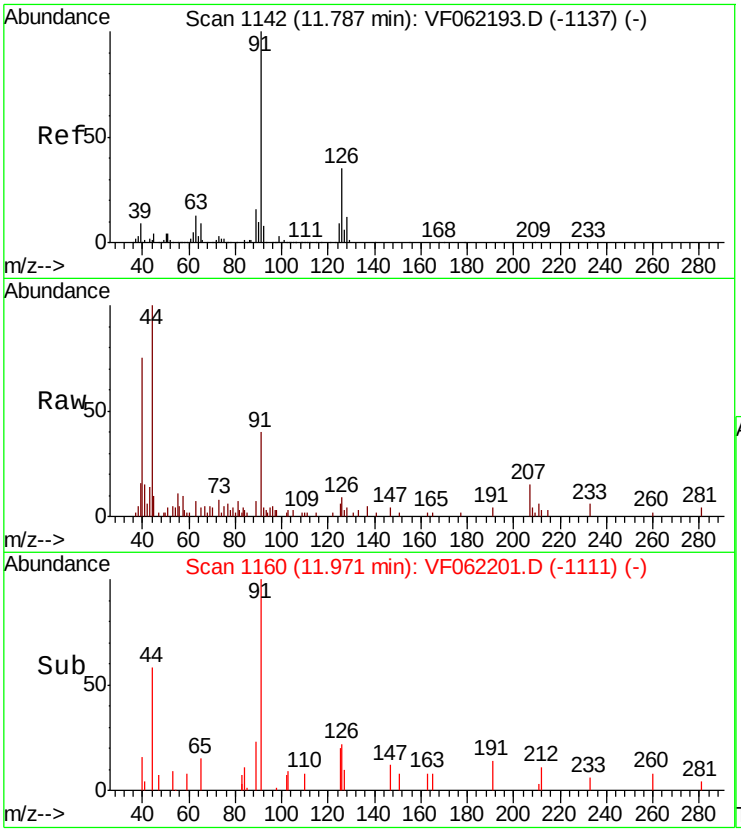


#78
n-propylbenzene
Concen: 0.405 ug/l
RT: 11.67 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 91 Resp: 4512

Ion	Ratio	Lower	Upper
91	100		
120	27.3	11.2	33.6



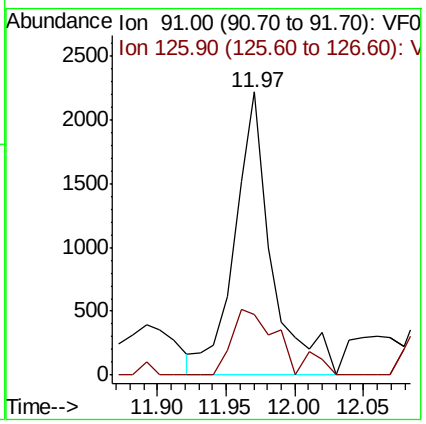


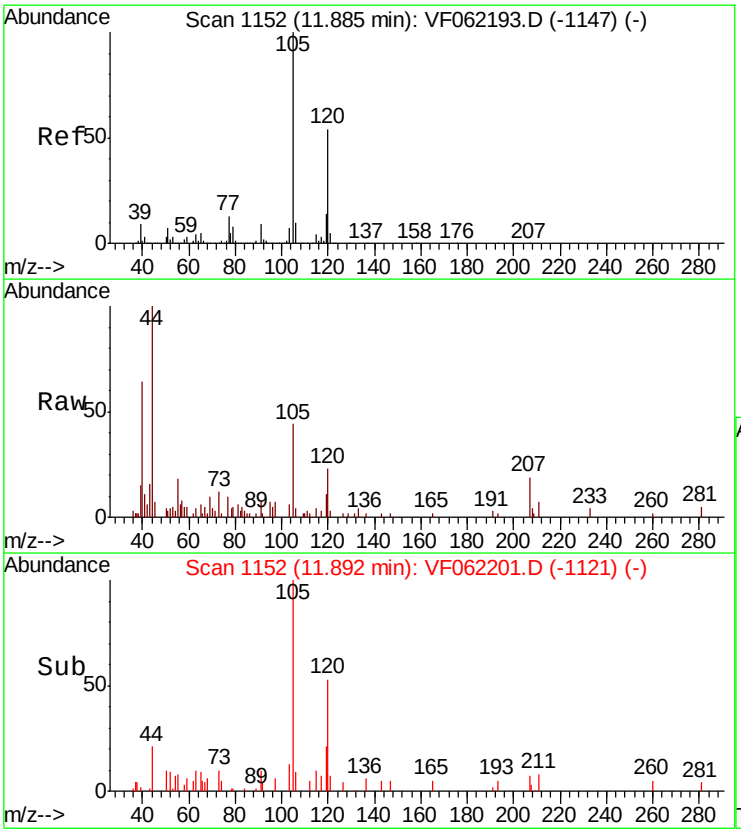
#79
2-Chlorotoluene
Concen: 0.613 ug/l
RT: 11.97 min Scan# 1160
Delta R.T. 0.18 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 4142

Ion	Ratio	Lower	Upper
91	100		
126	30.9	16.9	50.6

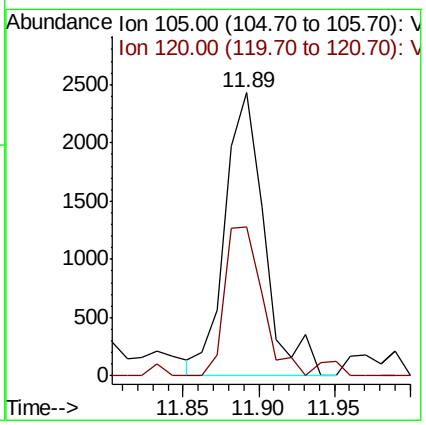


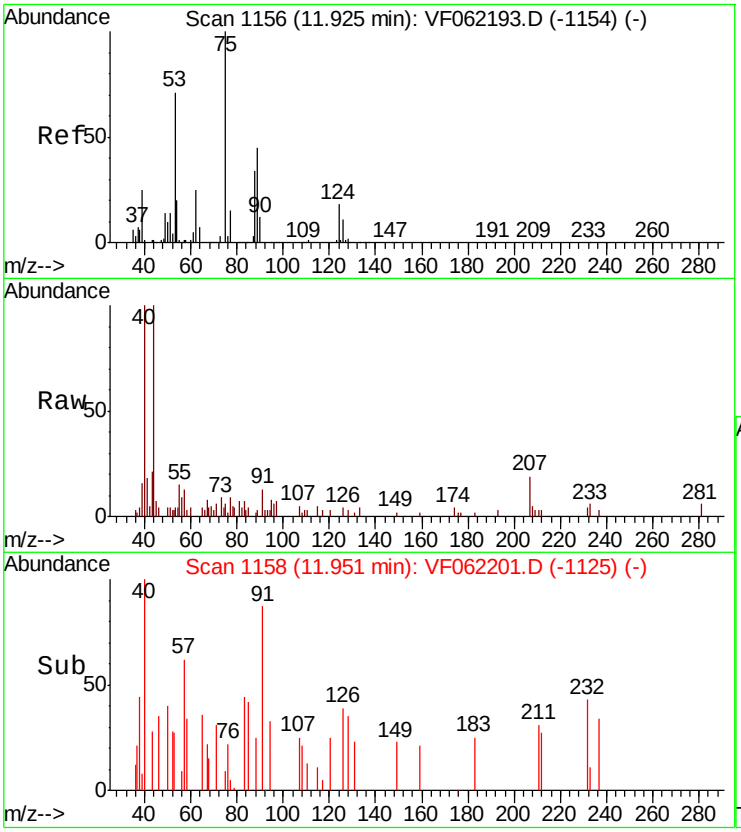


#80
1,3,5-Trimethylbenzene
Concen: 0.501 ug/l
RT: 11.89 min Scan# 1152
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion:105 Resp: 4408

Ion	Ratio	Lower	Upper
105	100		
120	50.2	26.2	78.5



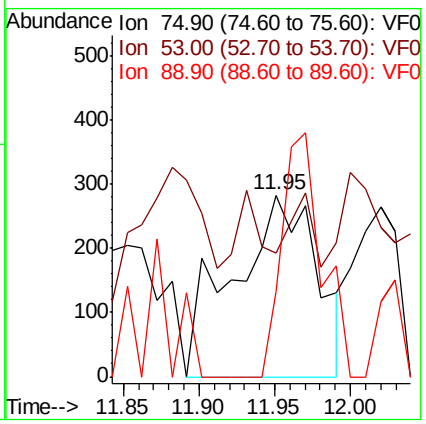


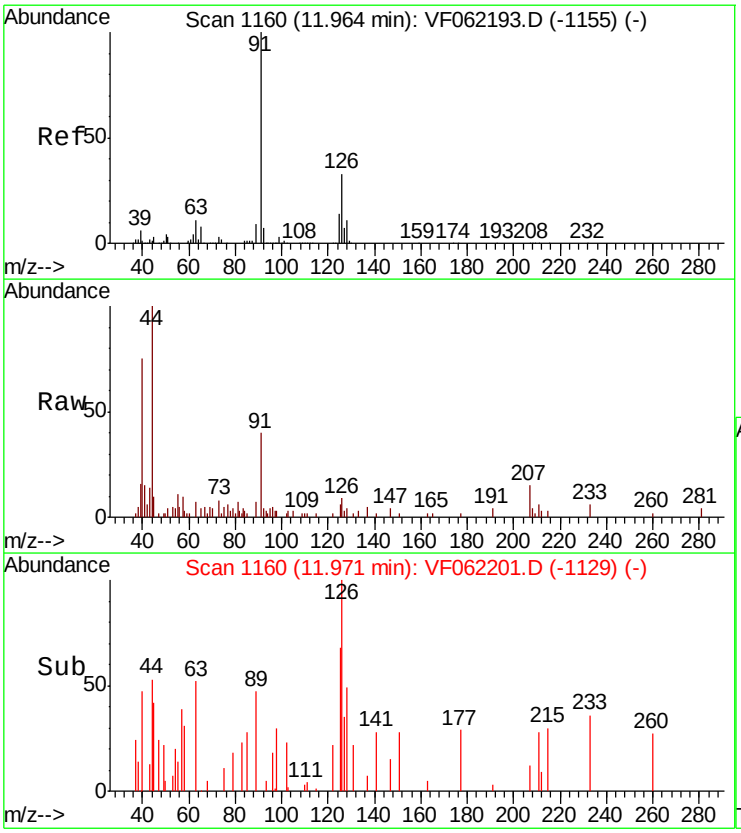
#81
trans-1,4-Dichloro-2-butene
Concen: 1.709 ug/l
RT: 11.95 min Scan# 1158
Delta R.T. 0.03 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 1089

Ion	Ratio	Lower	Upper
75	100		
53	11.7	50.2	75.4#
89	64.0	0.0	0.0#

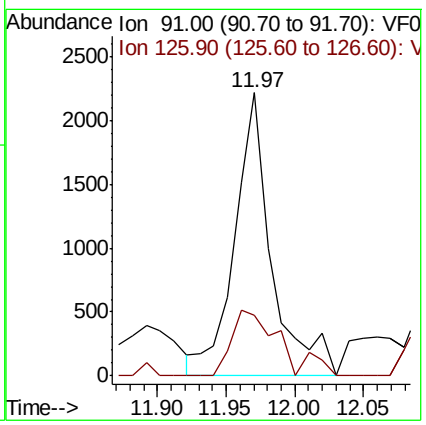


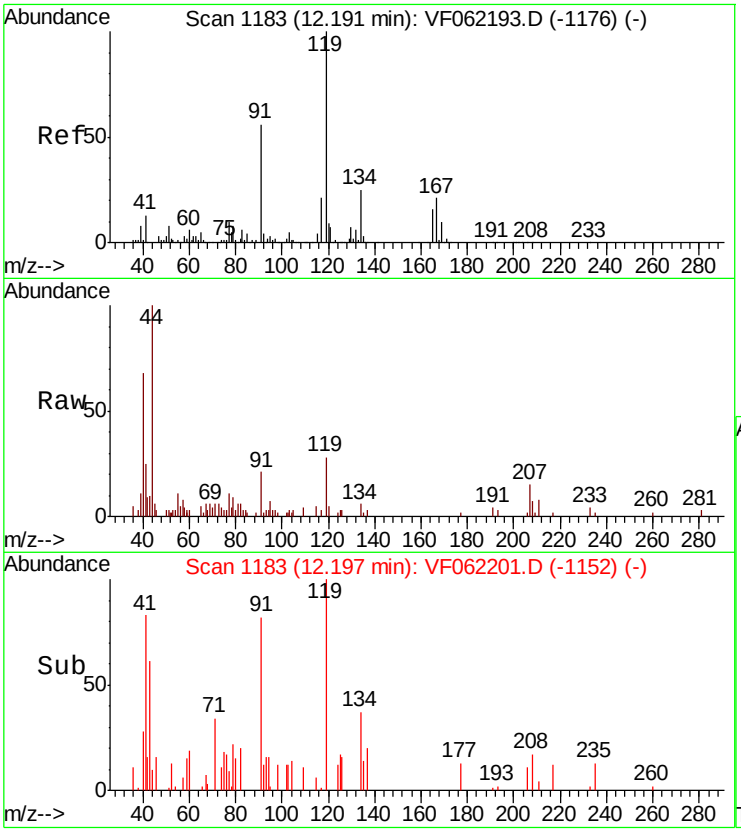


#82
4-Chlorotoluene
Concen: 0.634 ug/l
RT: 11.97 min Scan# 1160
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 91 Resp: 4142

Ion	Ratio	Lower	Upper
91	100		
126	30.9	16.9	50.6



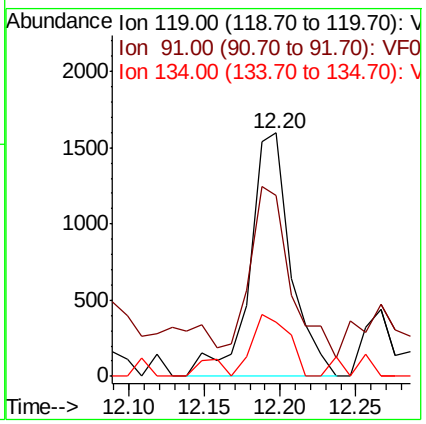


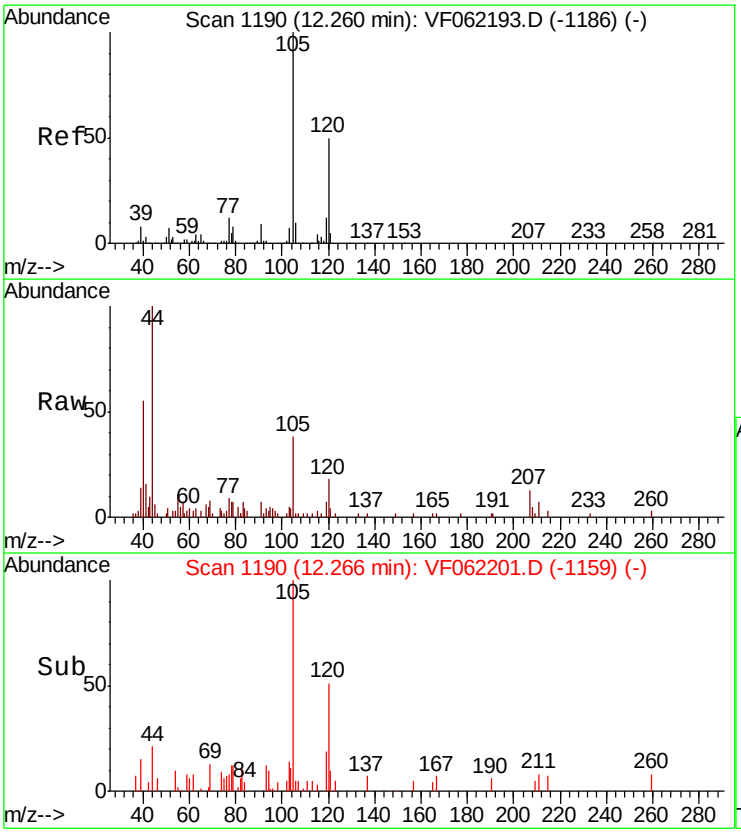
#83
tert-Butylbenzene
Concen: 0.334 ug/l
RT: 12.20 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:119 Resp: 3040

Ion	Ratio	Lower	Upper
119	100		
91	74.3	29.4	88.2
134	26.7	11.8	35.3

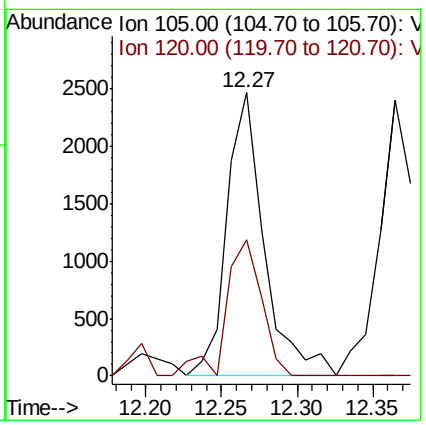


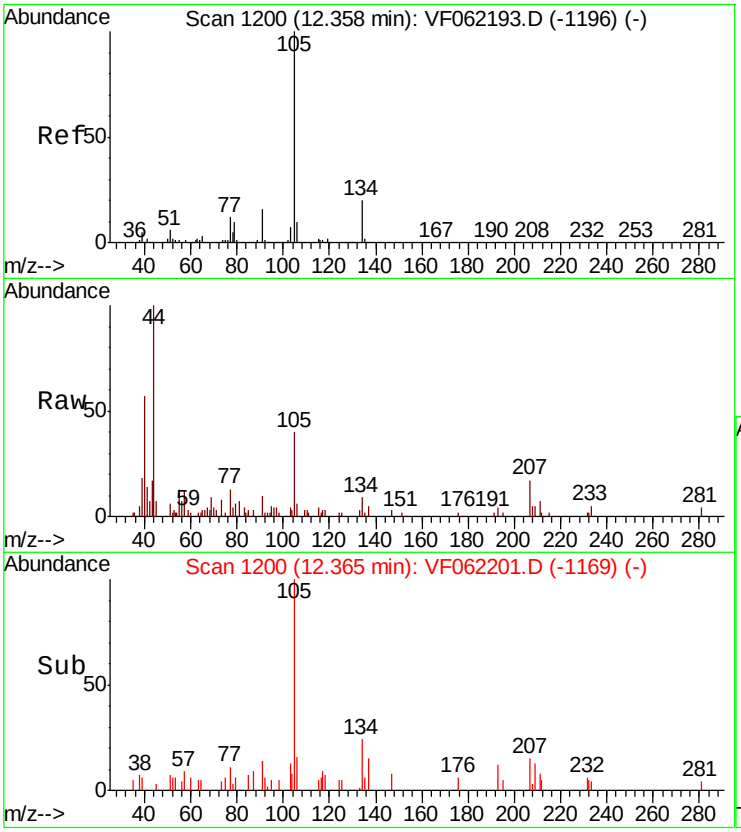


#84
1,2,4-Trimethylbenzene
Concen: 0.498 ug/l
RT: 12.27 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion:105 Resp: 4238

Ion	Ratio	Lower	Upper
105	100		
120	45.4	24.0	72.0



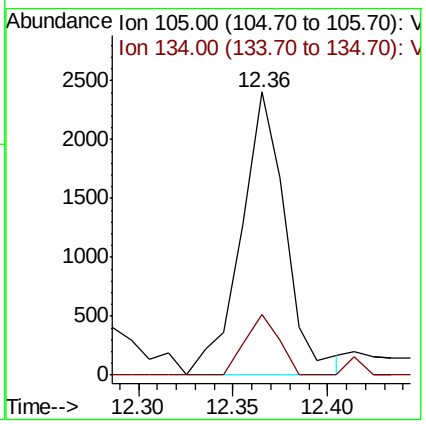


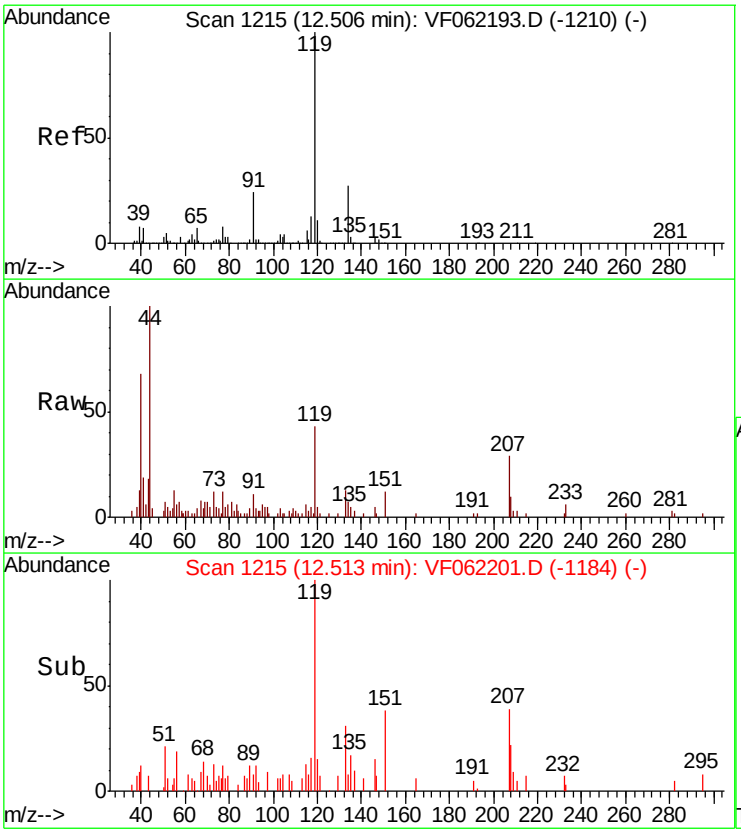
#85
sec-Butylbenzene
Concen: 0.332 ug/l
RT: 12.36 min Scan# 1200
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 3924

Ion	Ratio	Lower	Upper
105	100		
134	16.1	9.7	29.1

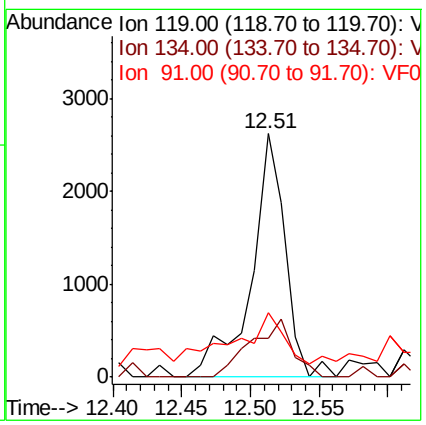


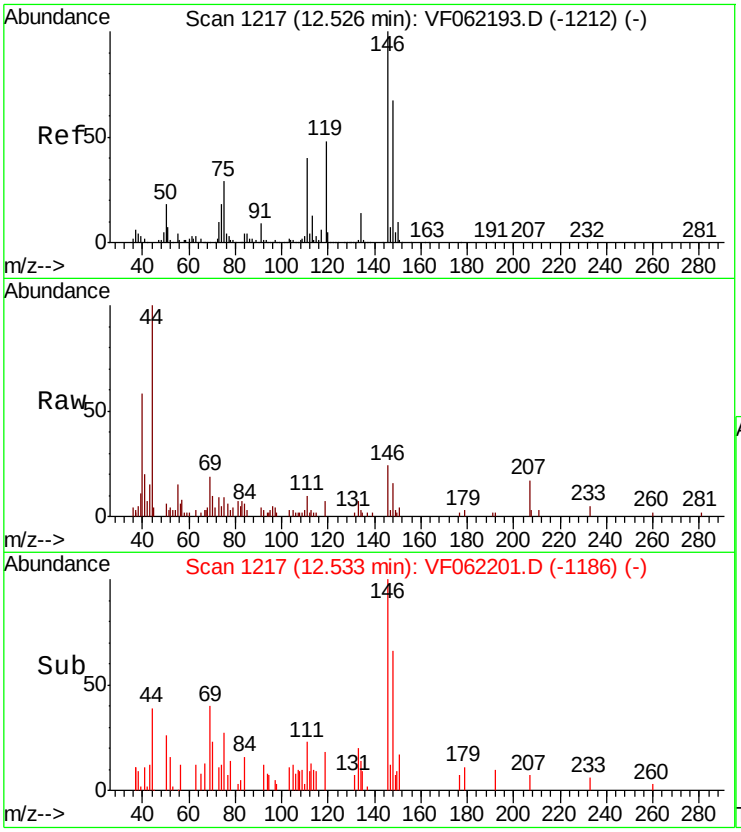


#86
p-Isopropyltoluene
Concen: 0.452 ug/l
RT: 12.51 min Scan# 1215
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion:119 Resp: 4529

Ion	Ratio	Lower	Upper
119	100		
134	29.1	13.2	39.5
91	29.3	11.7	35.1



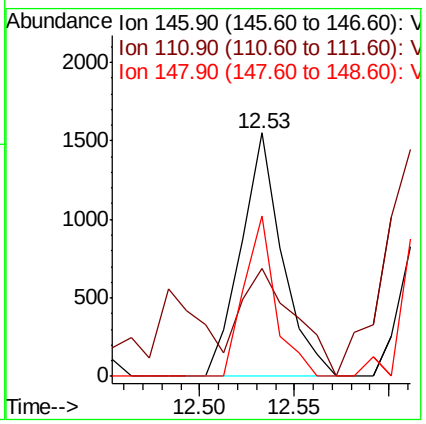


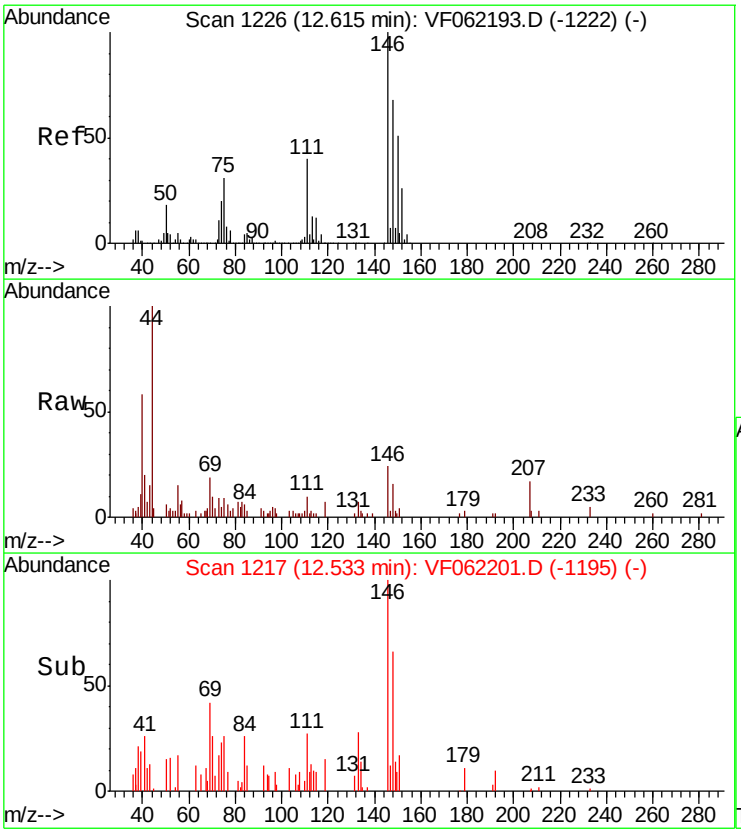
#87
1,3-Dichlorobenzene
Concen: 0.561 ug/l
RT: 12.53 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 2355

Ion	Ratio	Lower	Upper
146	100		
111	57.4	19.7	59.0
148	49.7	32.9	98.6

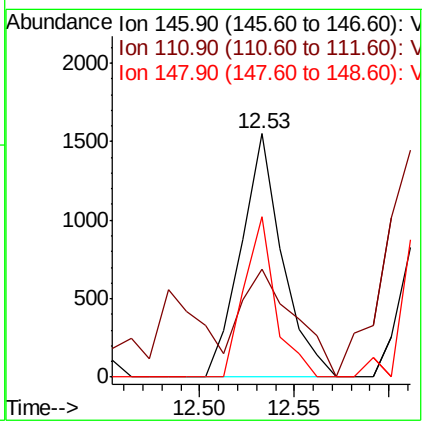


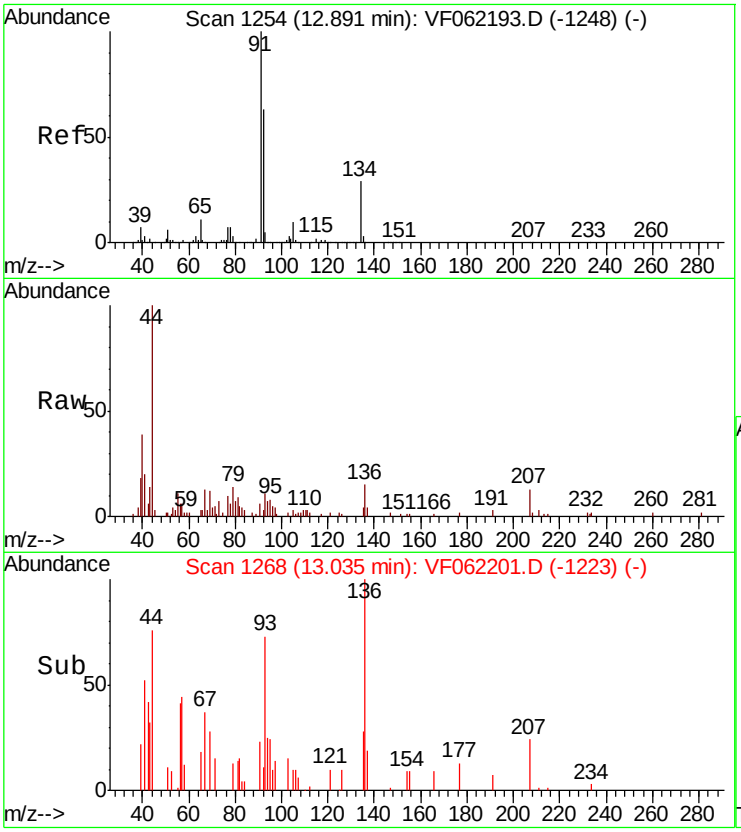


#88
1,4-Dichlorobenzene
Concen: 0.582 ug/l
RT: 12.53 min Scan# 1217
Delta R.T. -0.08 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion:146 Resp: 2355

Ion	Ratio	Lower	Upper
146	100		
111	57.4	20.0	60.0
148	49.7	33.6	100.8



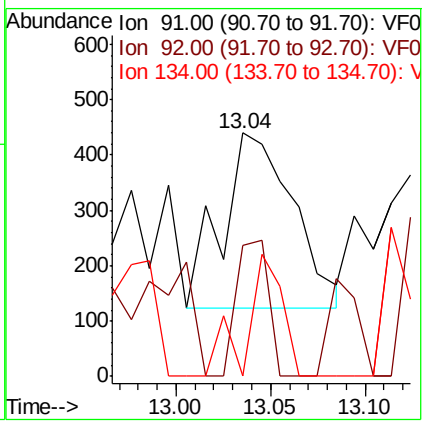


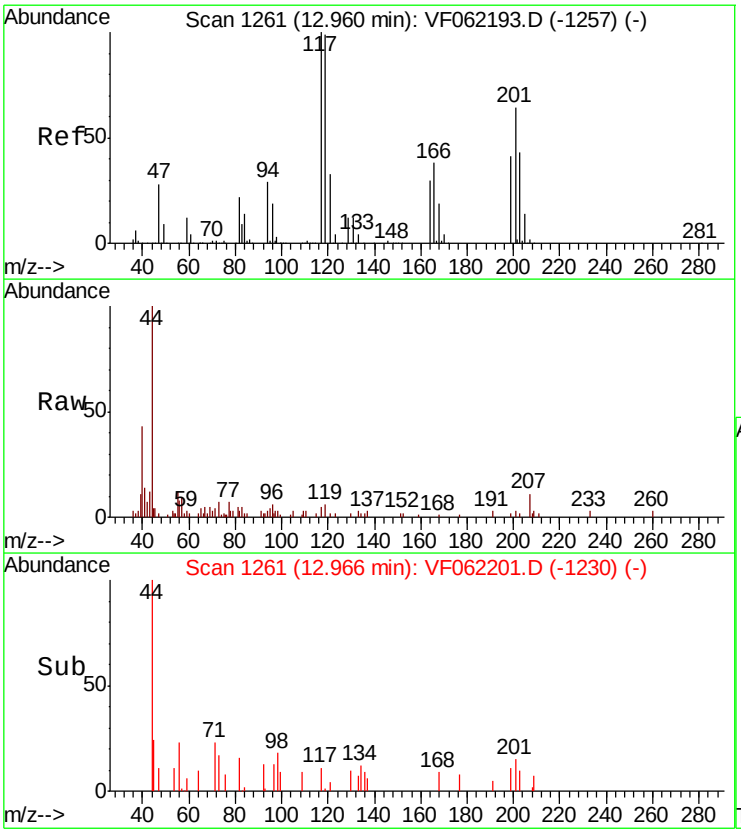
#89
n-Butylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 1268
Delta R.T. 0.15 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 828

Ion	Ratio	Lower	Upper
91	100		
92	34.5	31.2	93.6
134	35.3	13.1	39.1

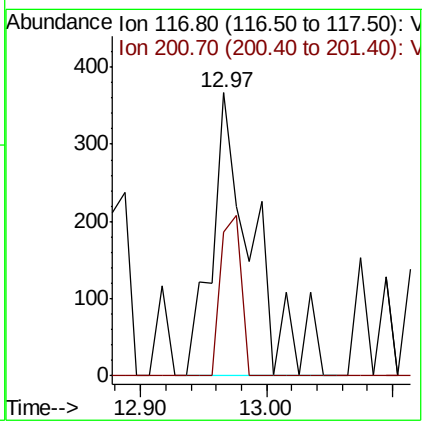


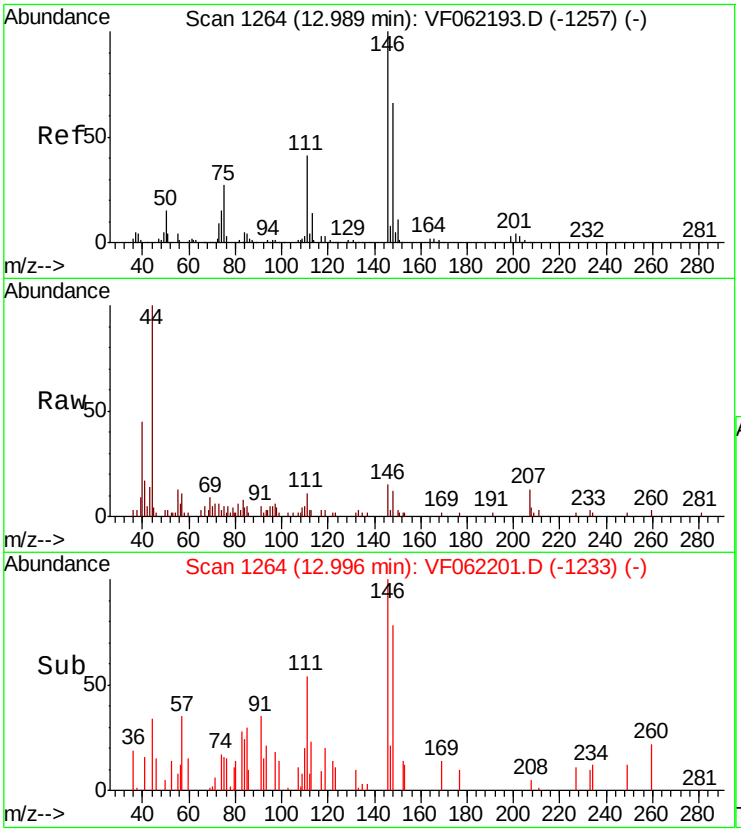


#90
Hexachloroethane
Concen: 0.327 ug/l
RT: 12.97 min Scan# 1261
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion:117 Resp: 840

Ion	Ratio	Lower	Upper
117	100		
201	27.9	37.7	113.1#



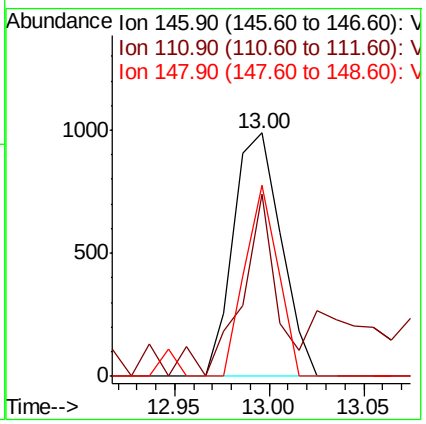


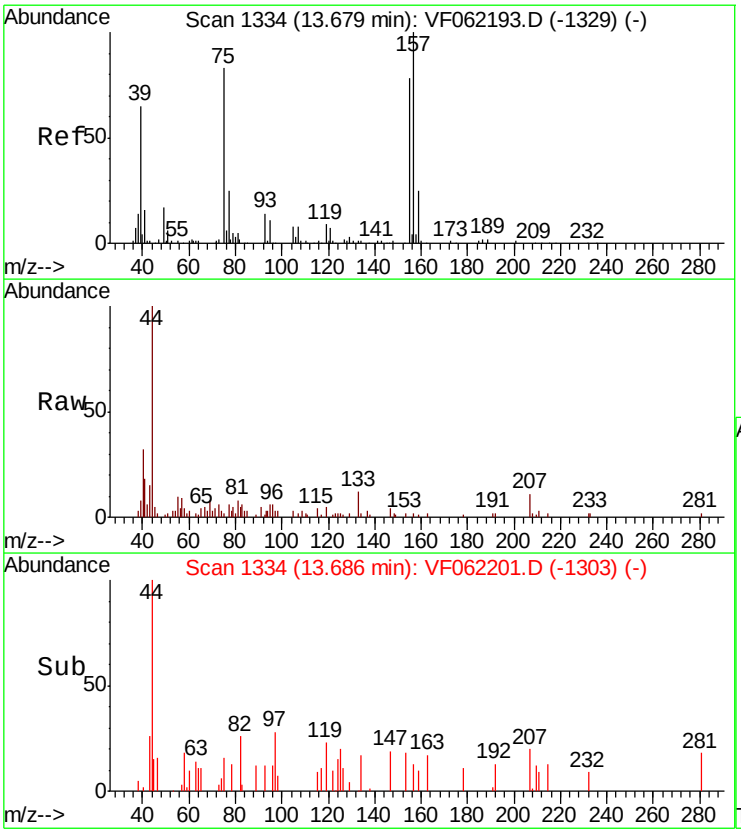
#91
1,2-Dichlorobenzene
Concen: 0.426 ug/l
RT: 13.00 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 1727

Ion	Ratio	Lower	Upper
146	100		
111	56.5	20.8	62.5
148	54.3	33.0	99.0

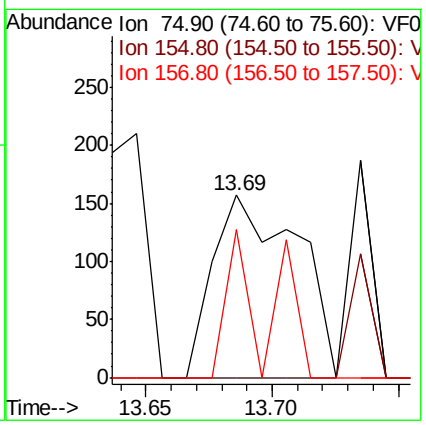


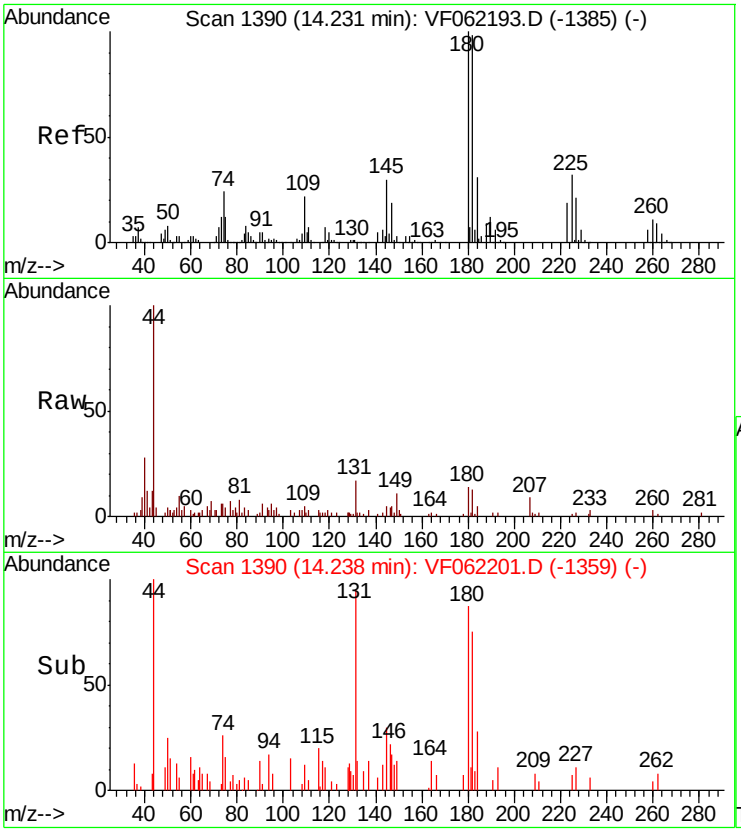


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.026 ug/l
RT: 13.69 min Scan# 1334
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion: 75 Resp: 366

Ion	Ratio	Lower	Upper
75	100		
155	0.0	47.6	142.8#
157	39.9	61.3	183.9#



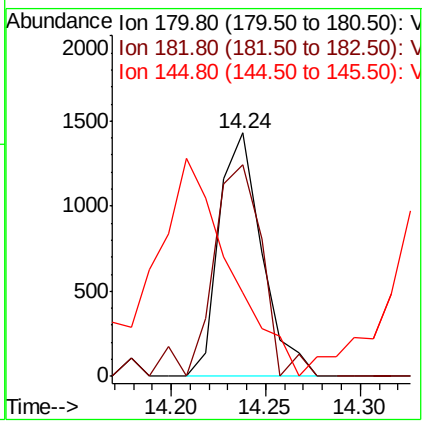


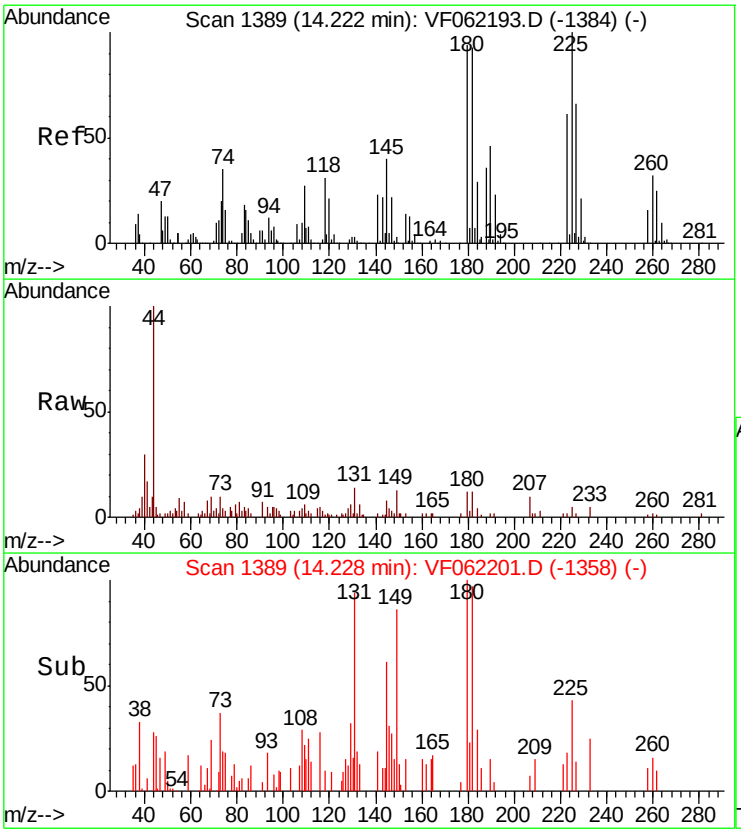
#93
1,2,4-Trichlorobenzene
Concen: 0.663 ug/l
RT: 14.24 min Scan# 1390
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:180 Resp: 2249

Ion	Ratio	Lower	Upper
180	100		
182	103.2	49.3	147.9
145	0.0	18.1	54.4#

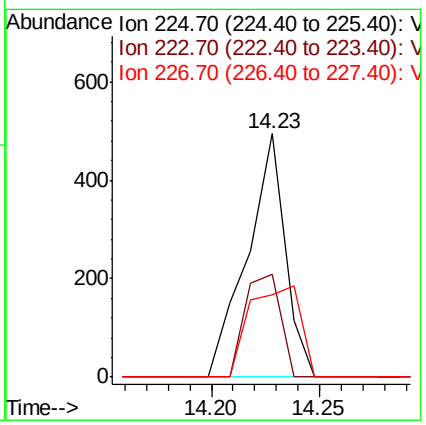


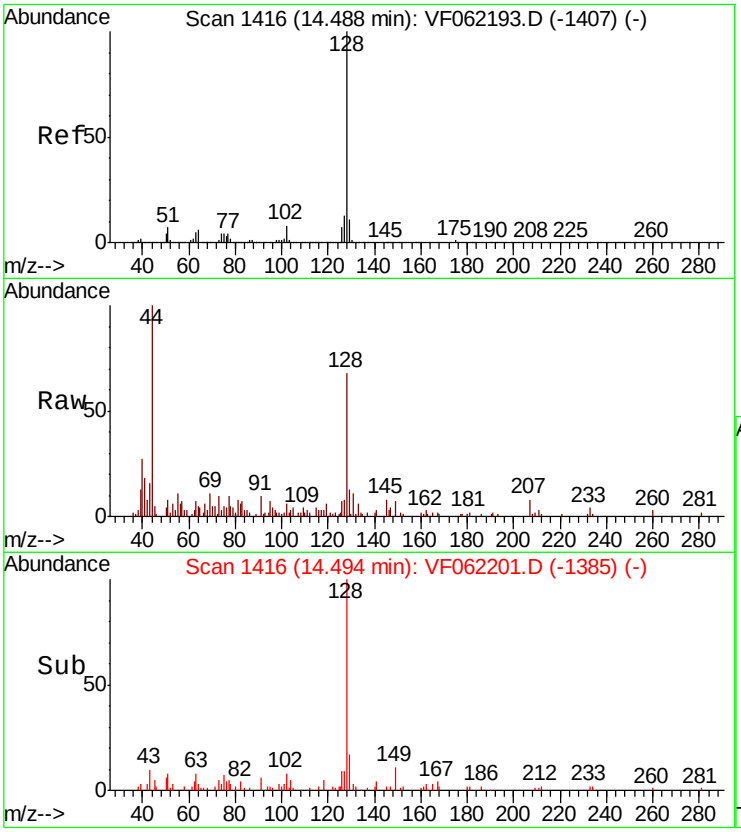


#94
Hexachlorobutadiene
Concen: 0.259 ug/l
RT: 14.23 min Scan# 1389
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion:225 Resp: 602

Ion	Ratio	Lower	Upper
225	100		
223	39.2	31.0	93.0
227	49.8	32.4	97.0



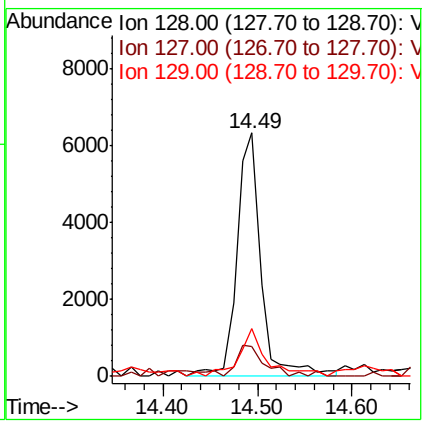


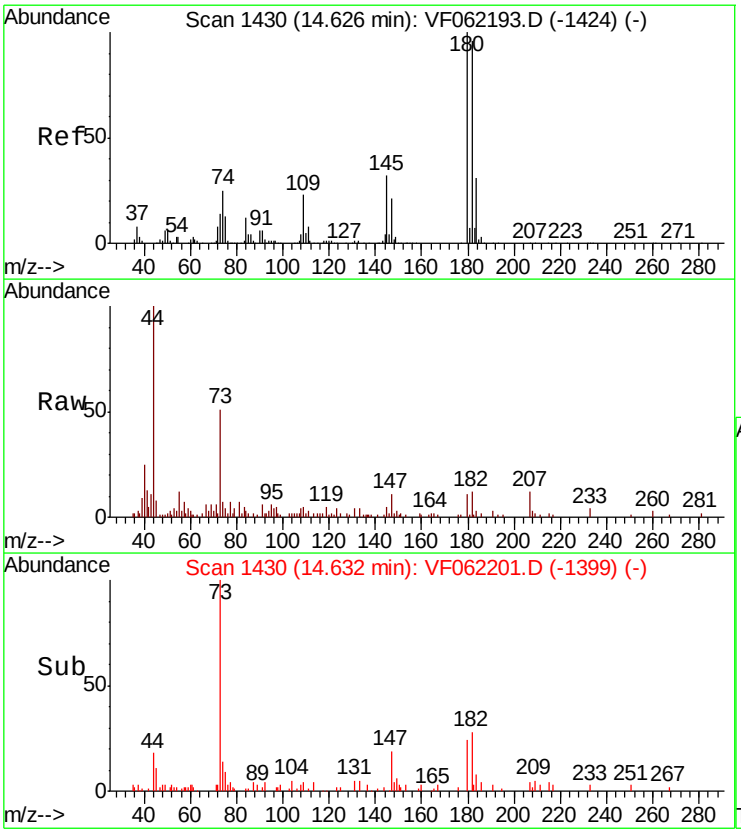
#95
Naphthalene
Concen: 1.875 ug/l
RT: 14.49 min Scan# 1416
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 11122

Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.4	15.6
129	23.2	9.2	13.8#





#96
1,2,3-Trichlorobenzene
Concen: 0.722 ug/l
RT: 14.63 min Scan# 1430
Delta R.T. 0.01 min
Lab File: VF062201.D
Acq: 18 Apr 2019 13:20

Tgt Ion:180 Resp: 2350

Ion	Ratio	Lower	Upper
180	100		
182	82.5	48.4	145.3
145	0.0	15.6	46.8#