Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
Data File : VF060600.D
Acq On : 6 Nov 2018 7:40
Operator : VA/AP
Sample : J5777-01
Misc : 5.00/5mL/MSVOA-F/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 06 07:44:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	94661	50.00 ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	192713	50.00 ug/l	0.01
63) Chlorobenzene-d5	9.79	117	62565	50.00 ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	12352	50.00 ug/l	0.01
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	4.86	65	78364	81.93 ug/l	0.01
Spiked Amount 50.000			Recovery = 163.86%		
35) Dibromofluoromethane	4.13	113	26020	17.48 ug/l	0.02
Spiked Amount 50.000			Recovery = 34.96%		
50) Toluene-d8	7.57	98	90029	20.41 ug/l	0.01
Spiked Amount 50.000			Recovery = 40.82%		
62) 4-Bromofluorobenzene	11.42	95	22942	11.89 ug/l	0.00
Spiked Amount 50.000			Recovery = 23.78%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.98	85	518	Below Cal #	41
3) Chloromethane	1.10	50	18167	21.928 ug/l #	78
6) Chloroethane	1.39	64	108	Below Cal #	43
8) Diethyl Ether	1.59	74	287	1.084 ug/l	70
11) Tert butyl alcohol	2.57	59	6405	124.470 ug/l #	62
13) Acrolein	1.89	56	468	Below Cal	95
14) Allyl chloride	2.19	41	50826	45.264 ug/l #	38
15) Acrylonitrile	2.94	53	2507	21.994 ug/l #	50
16) Acetone	2.24	43	52019	230.815 ug/l #	90
17) Carbon Disulfide	1.82	76	23218	11.986 ug/l	97
18) Methyl Acetate	2.35	43	201226	569.779 ug/l	97
20) Methylene Chloride	2.19	84	5011	2.284 ug/l #	80
23) Vinyl Acetate	3.21	43	2077	1.453 ug/l #	87
25) 2-Butanone	4.34	43	204808	517.474 ug/l	95
29) Tetrahydrofuran	4.13	42	4505	16.691 ug/l #	36
31) Cyclohexane	3.75	56	89064	46.875 ug/l #	81
37) Ethyl Acetate	4.12	43	46040	45.200 ug/l #	31
39) Methylcyclohexane	5.47	83	126926	49.017 ug/l	99
40) Benzene	4.64	78	208122	40.407 ug/l	98
41) Methacrylonitrile	4.68	41	65231	113.084 ug/l #	53
43) Isopropyl Acetate	6.97	43	4452	3.455 ug/l #	71
48) Methyl methacrylate	6.83	41	32168	39.725 ug/l #	42
49) 1,4-Dioxane	6.73	88	73	8.618 ug/l #	1
51) 4-Methyl-2-Pentanone	8.27	43	44567	51.438 ug/l #	83
52) Toluene	7.64	92	161063	48.005 ug/l	97
56) Ethyl methacrylate	8.63	69	13854	11.029 ug/l	91
58) 2-Chloroethyl Vinyl ether	7.63	63	21456	268.583 ug/l	100
59) 2-Hexanone	9.50	43	4369	Below Cal	67
67) Ethyl Benzene	9.91	91	104620	45.060 ug/l	96
68) m/p-Xylenes	10.15	106	157013	179.526 ug/l	95
69) o-Xylene	10.73	106	82439	86.324 ug/l	96
70) Styrene	10.80	104	22673	16.387 ug/l #	84
73) Isopropylbenzene	11.13	105	31408	32.604 ug/l	91
74) N-amyl acetate	11.28	43	76403	333.062 ug/l #	64

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
Data File : VF060600.D
Acq On : 6 Nov 2018 7:40
Operator : VA/AP
Sample : J5777-01
Misc : 5.00/5mL/MSVOA-F/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 06 07:44:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	11.68	83	12920	73.480 ug/l #	1
76) 1,2,3-Trichloropropane	11.83	75	3563	41.233 ug/l #	1
78) n-propylbenzene	11.61	91	138286	122.695 ug/l	96
79) 2-Chlorotoluene	11.71	91	70080	108.877 ug/l #	43
80) 1,3,5-Trimethylbenzene	11.83	105	274122	345.232 ug/l	93
81) trans-1,4-Dichloro-2-buten	11.83	75	3563	52.465 ug/l #	1
82) 4-Chlorotoluene	11.83	91	28776	42.850 ug/l #	44
83) tert-Butylbenzene	12.22	119	112950	139.243 ug/l #	66
84) 1,2,4-Trimethylbenzene	12.22	105	870203	1119.110 ug/l	96
85) sec-Butylbenzene	12.32	105	141479	126.788 ug/l	97
86) p-Isopropyltoluene	12.44	119	174893	190.325 ug/l	99
88) 1,4-Dichlorobenzene	12.57	146	1391	3.545 ug/l #	1
89) n-Butylbenzene	12.85	91	203195	Below Cal #	60
90) Hexachloroethane	12.94	117	5980	25.590 ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	13.63	75	1507	49.332 ug/l #	13
93) 1,2,4-Trichlorobenzene	14.19	180	2432	9.249 ug/l #	1
95) Naphthalene	14.47	128	208195	395.581 ug/l #	64
96) 1,2,3-Trichlorobenzene	14.64	180	29588	119.116 ug/l #	8

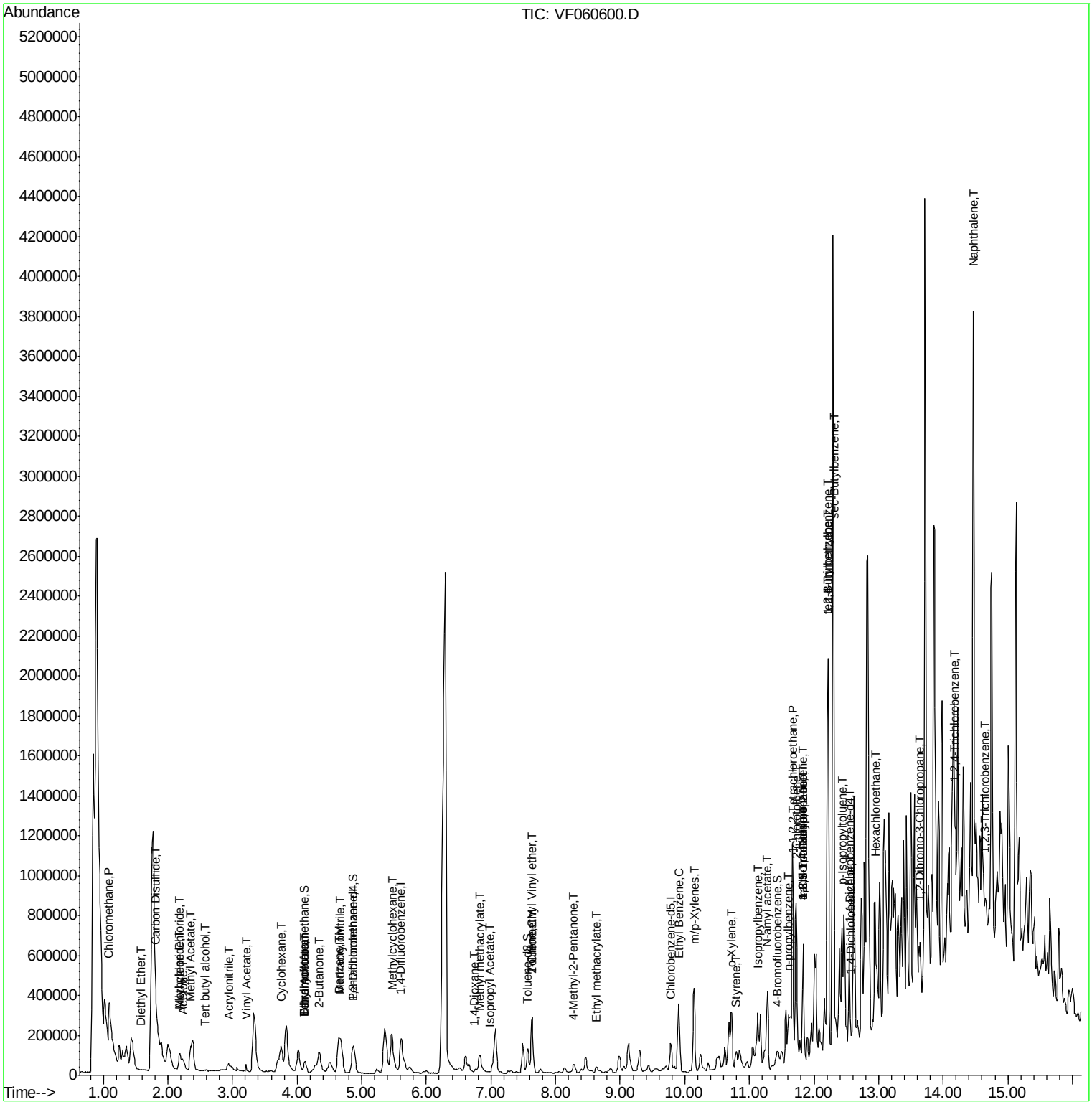
(#) = qualifier out of range (m) = manual integration (+) = signals summed

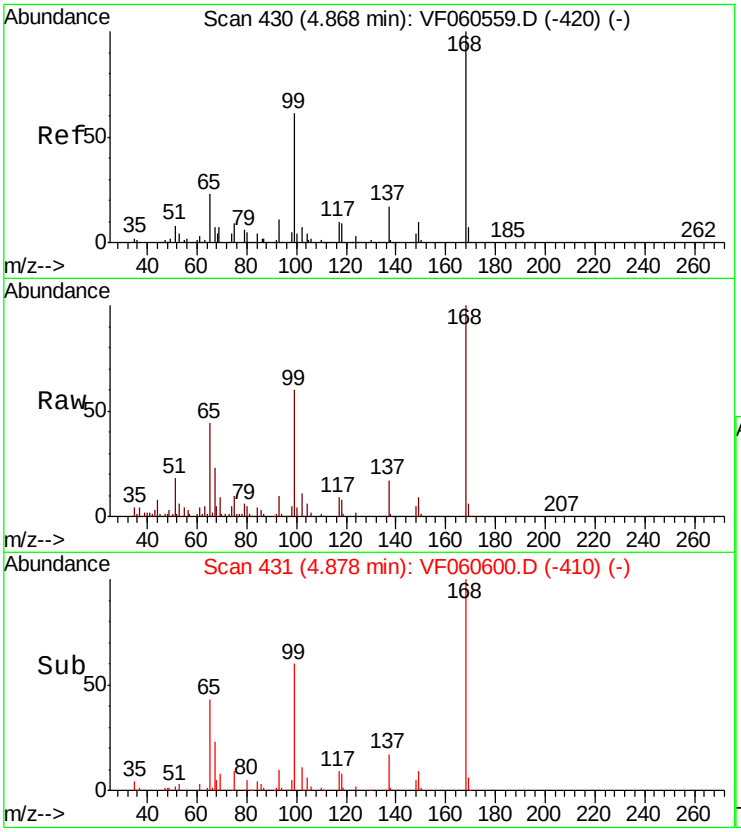
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110518\
Data File : VF060600.D
Acq On : 6 Nov 2018 7:40
Operator : VA/AP
Sample : J5777-01
Misc : 5.00/5mL/MSVOA-F/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 06 07:44:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration



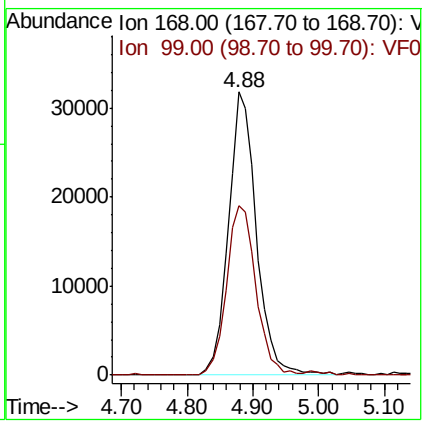


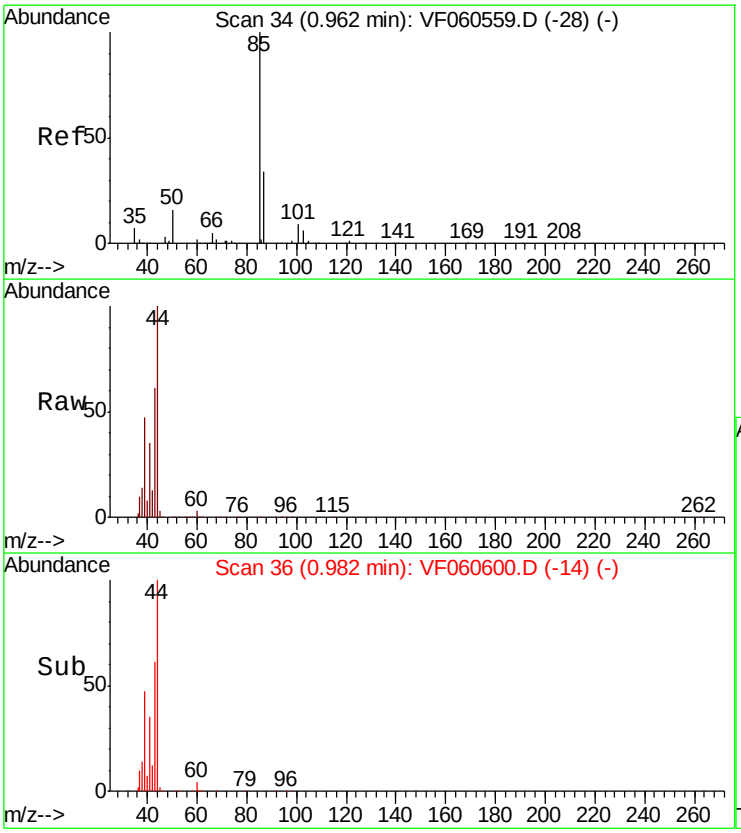
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 94661

Ion	Ratio	Lower	Upper
168	100		
99	59.8	48.6	72.8

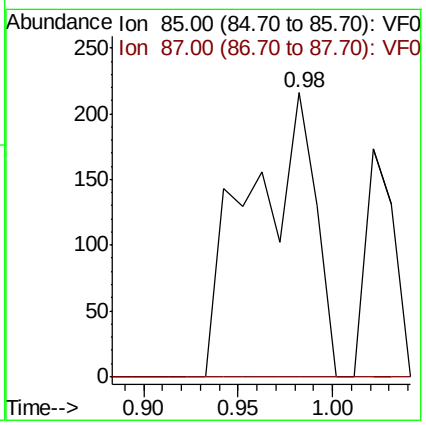


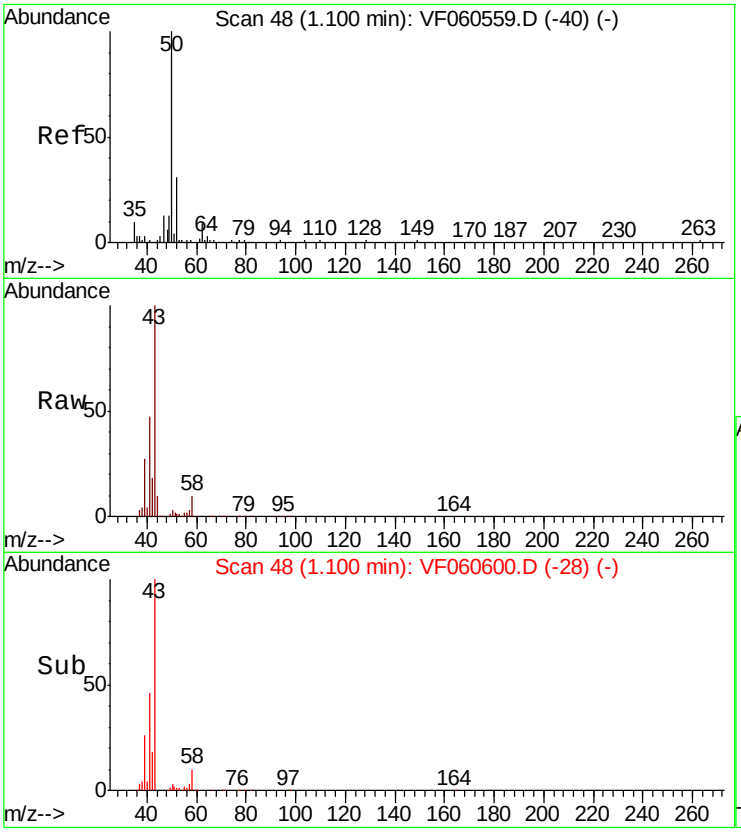


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.98 min Scan# 36
Delta R.T. 0.02 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 85 Resp: 518

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



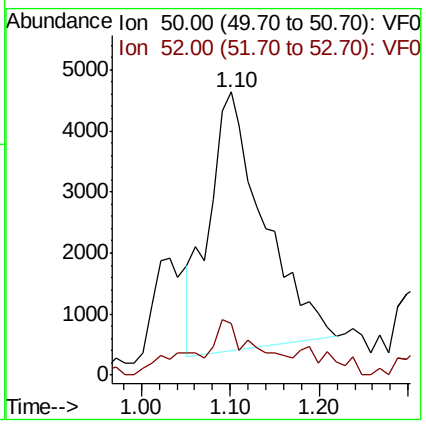


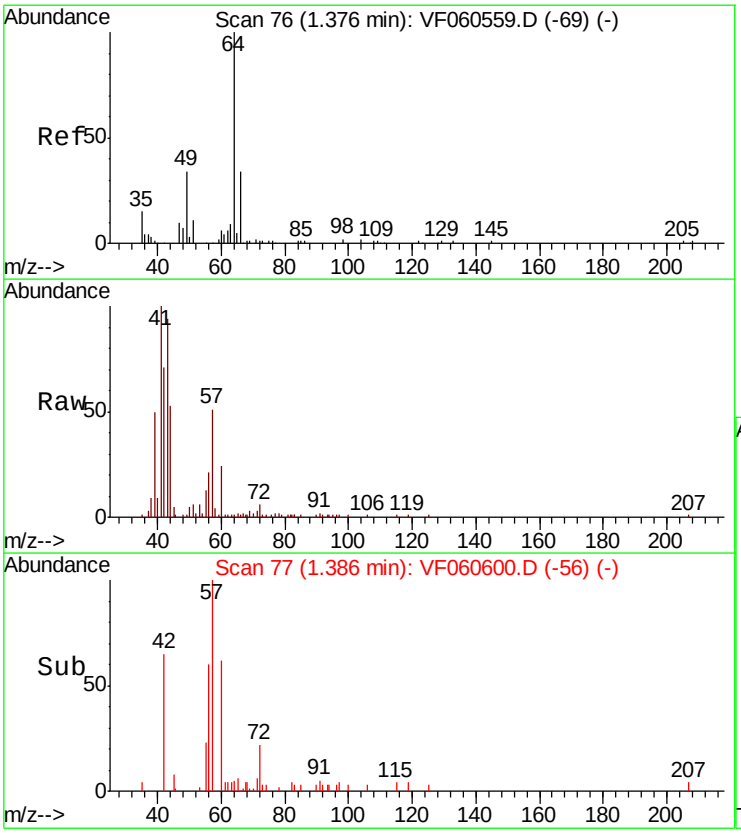
#3
Chloromethane
Concen: 21.928 ug/l
RT: 1.10 min Scan# 48
Delta R.T. 0.00 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 50 Resp: 18167

Ion	Ratio	Lower	Upper
50	100		
52	18.3	24.0	36.0#

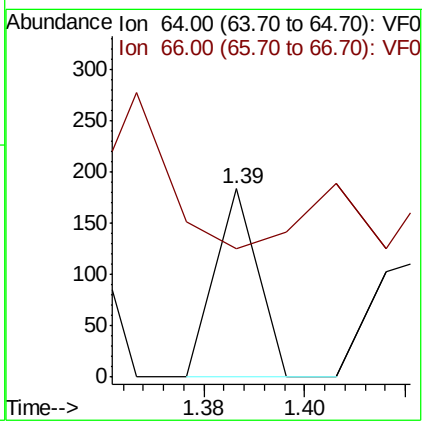


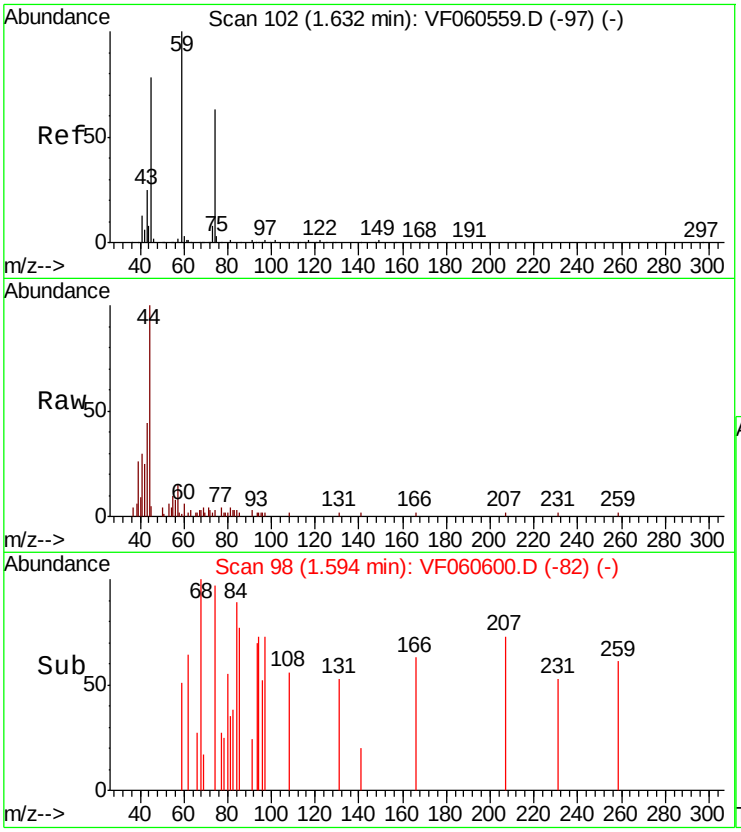


#6
Chloroethane
Concen: Below Cal
RT: 1.39 min Scan# 77
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 64 Resp: 108

Ion	Ratio	Lower	Upper
64	100		
66	67.8	27.8	41.8#



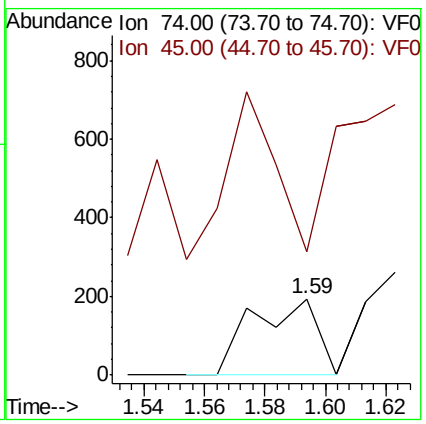


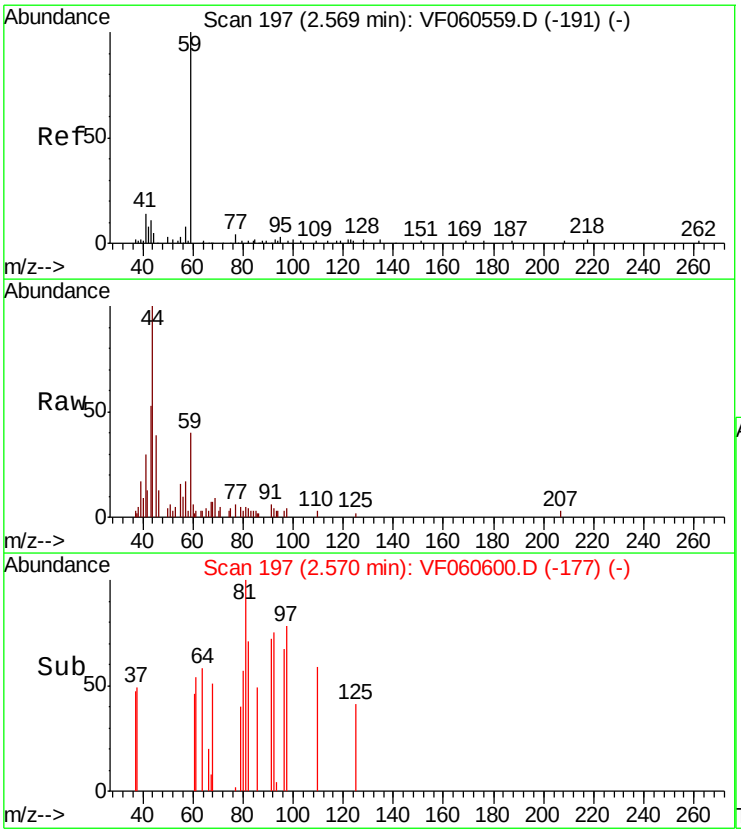
#8
Diethyl Ether
Concen: 1.084 ug/l
RT: 1.59 min Scan# 98
Delta R.T. -0.04 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 74 Resp: 287

Ion	Ratio	Lower	Upper
74	100		
45	162.2	63.8	191.5

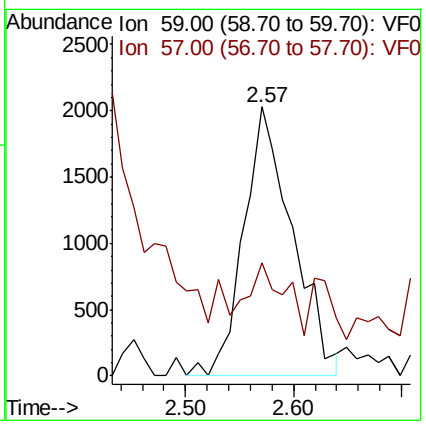


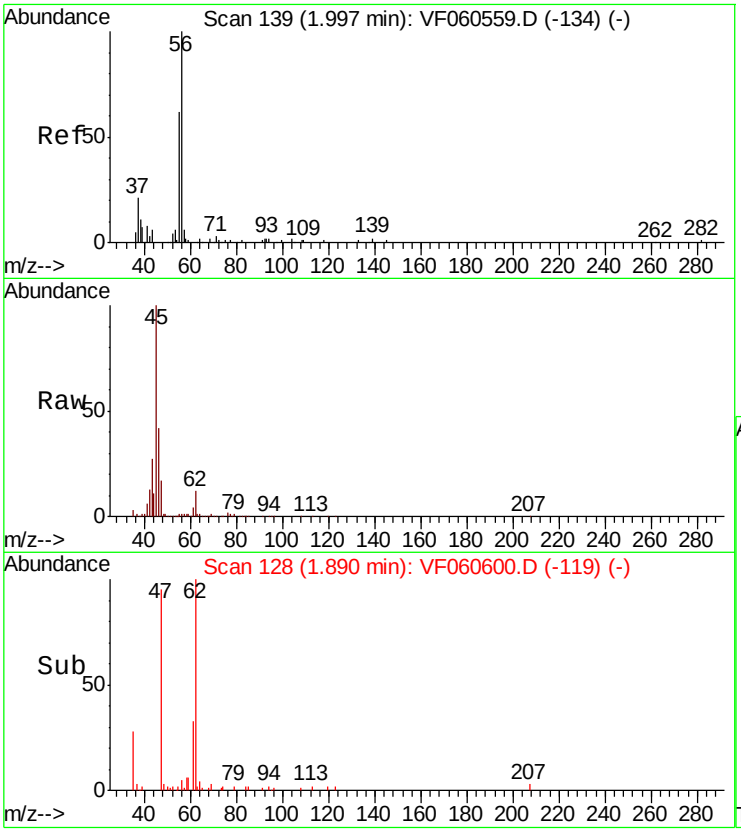


#11
Tert butyl alcohol
Concen: 124.470 ug/l
RT: 2.57 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 59 Resp: 6405

Ion	Ratio	Lower	Upper
59	100		
57	42.2	19.0	28.4#



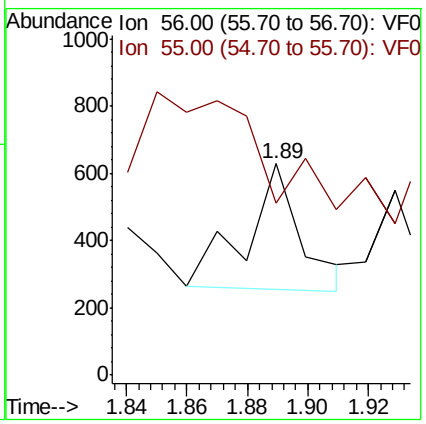


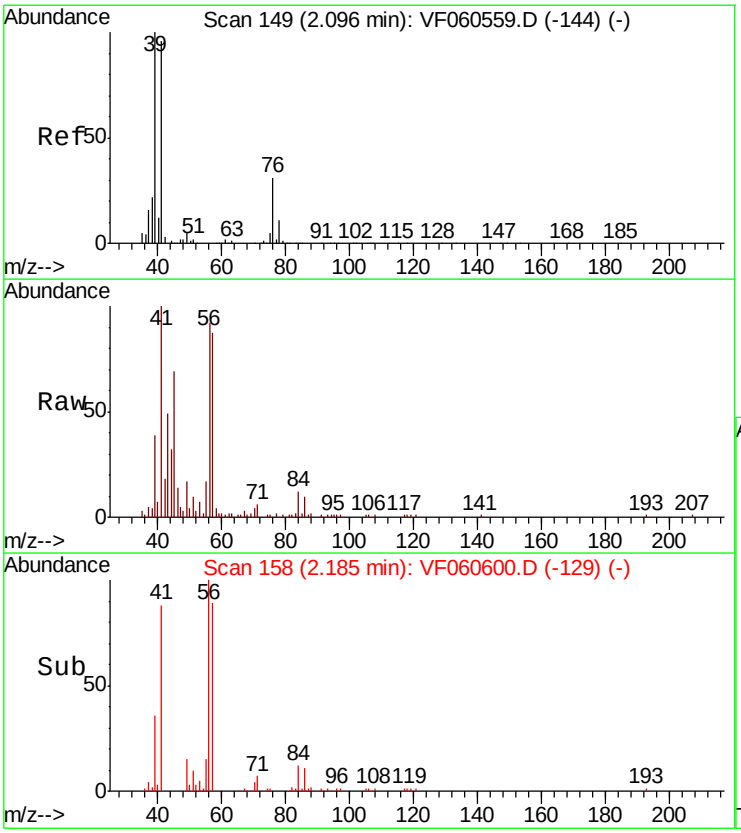
#13
Acrolein
Concen: Below Cal
RT: 1.89 min Scan# 128
Delta R.T. -0.11 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 468

Ion	Ratio	Lower	Upper
56	100		
55	81.5	61.8	92.6

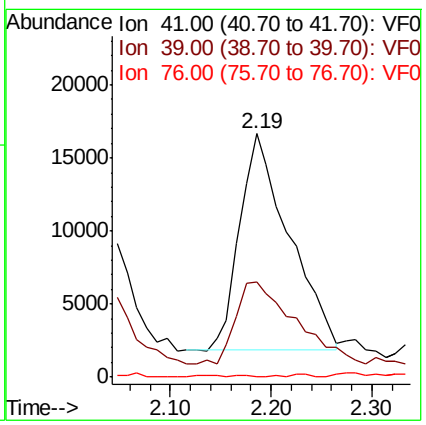


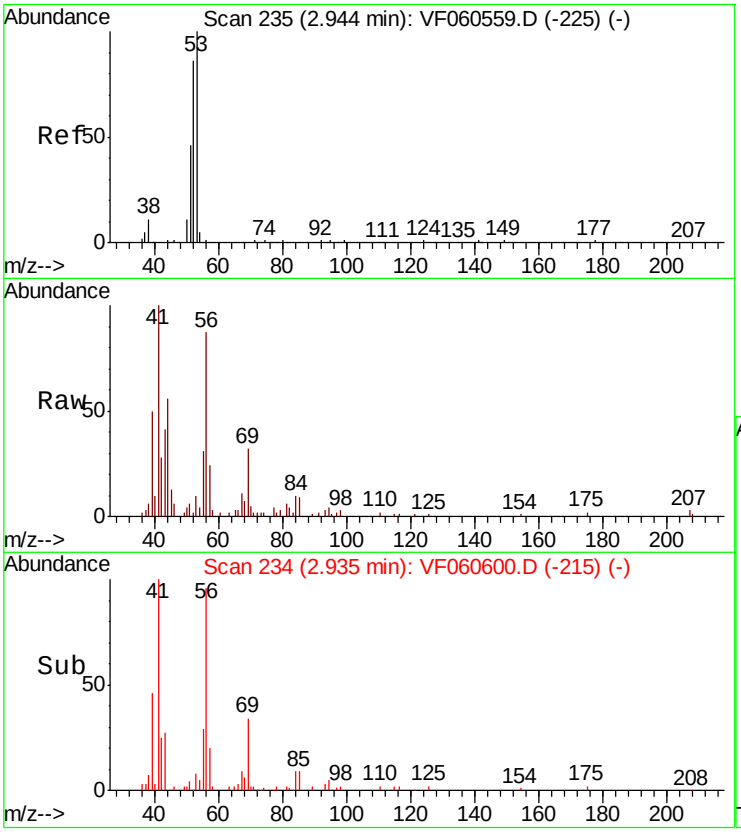


#14
Allyl chloride
Concen: 45.264 ug/l
RT: 2.19 min Scan# 158
Delta R.T. 0.09 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 41 Resp: 50826

Ion	Ratio	Lower	Upper
41	100		
39	39.3	82.6	124.0#
76	0.0	26.7	40.1#



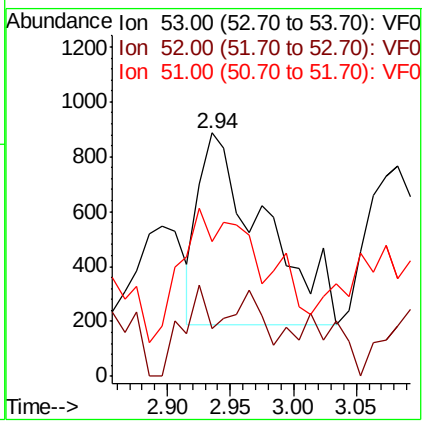


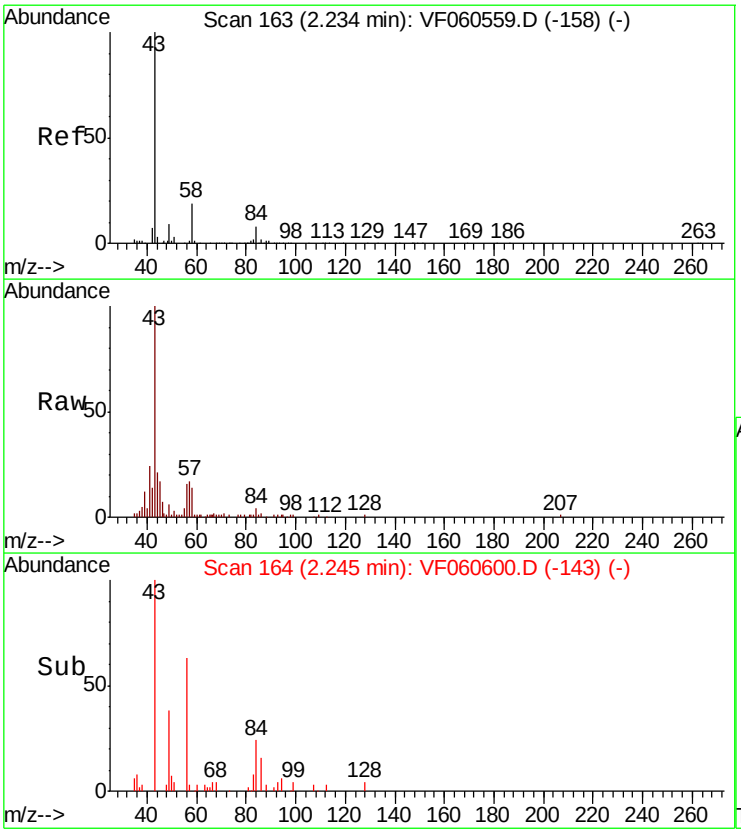
#15
Acrylonitrile
Concen: 21.994 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 2507

Ion	Ratio	Lower	Upper
53	100		
52	19.8	68.5	102.7#
51	55.2	38.2	57.2

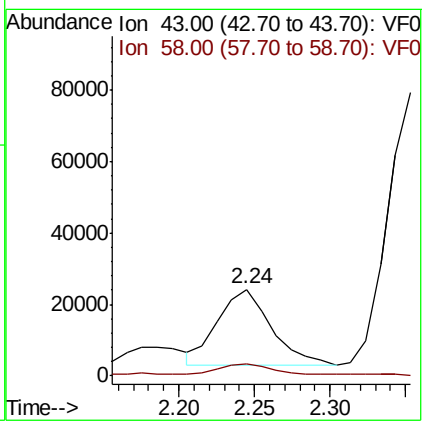


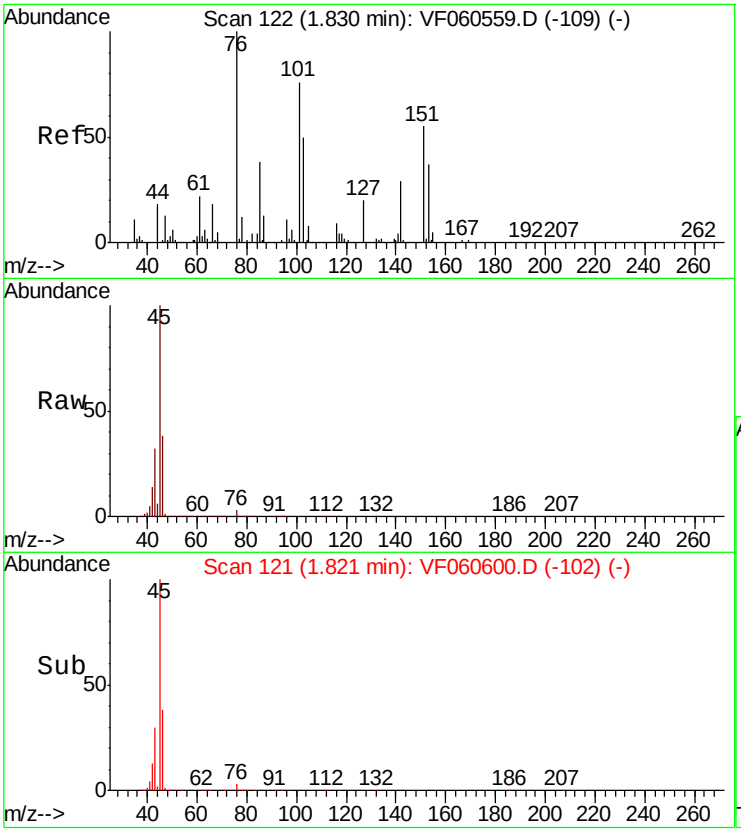


#16
Acetone
Concen: 230.815 ug/l
RT: 2.24 min Scan# 164
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 43 Resp: 52019

Ion	Ratio	Lower	Upper
43	100		
58	13.9	14.6	22.0#



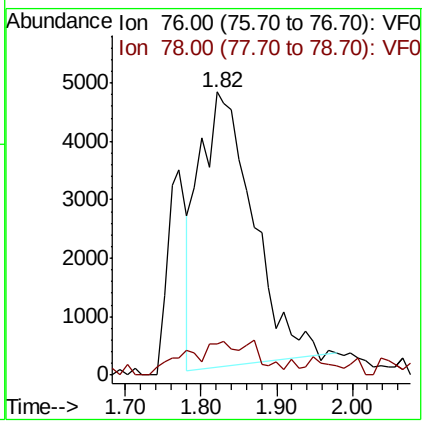


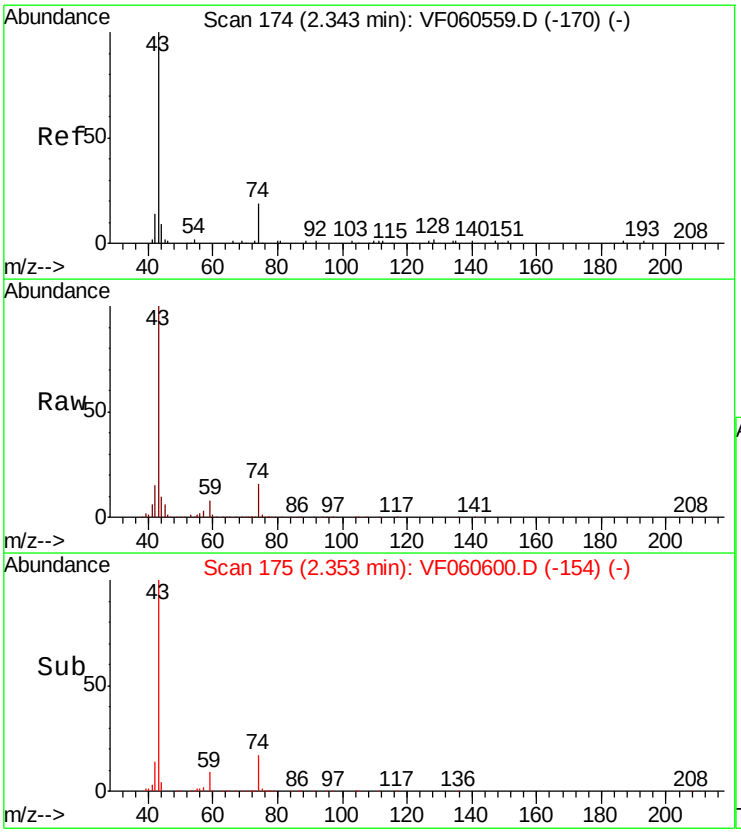
#17
Carbon Disulfide
Concen: 11.986 ug/l
RT: 1.82 min Scan# 121
Delta R.T. -0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 76 Resp: 23218

Ion	Ratio	Lower	Upper
76	100		
78	11.1	9.9	14.9

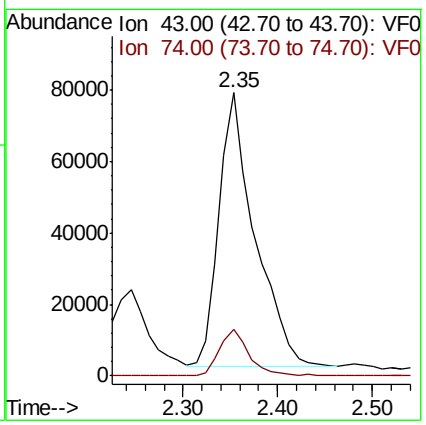


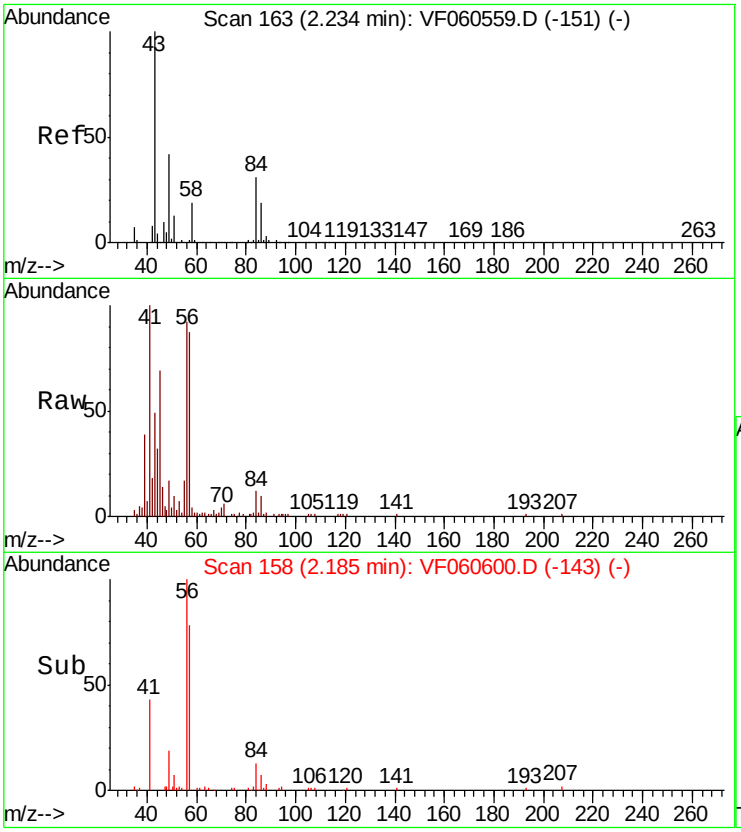


#18
Methyl Acetate
Concen: 569.779 ug/l
RT: 2.35 min Scan# 175
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 43 Resp: 201226

Ion	Ratio	Lower	Upper
43	100		
74	16.4	12.1	18.1



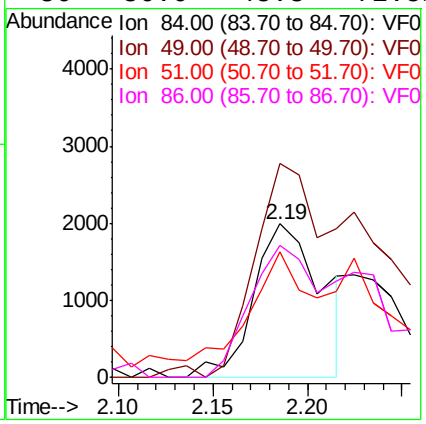


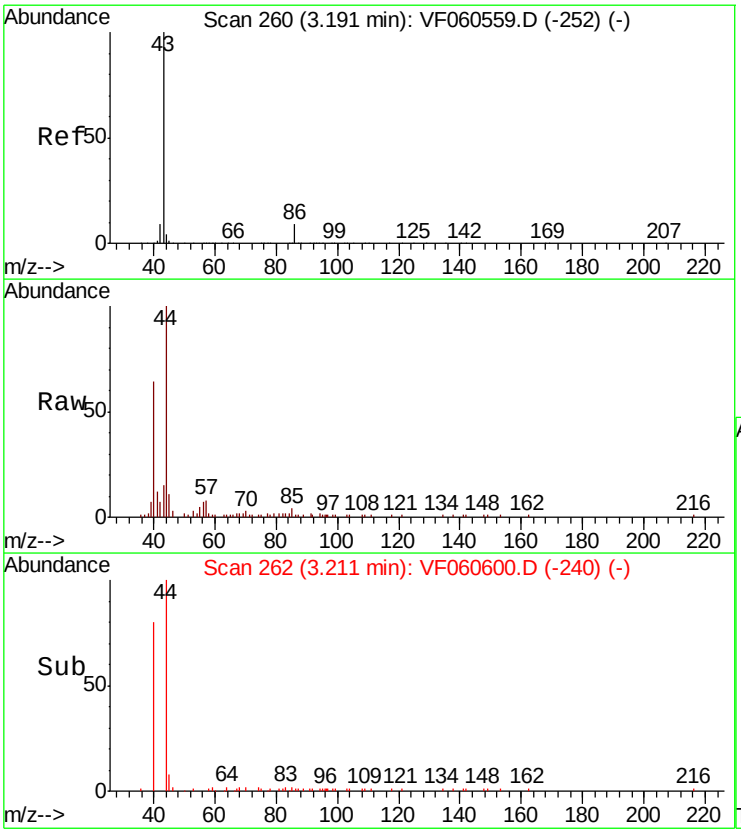
#20
Methylene Chloride
Concen: 2.284 ug/l
RT: 2.19 min Scan# 158
Delta R.T. -0.05 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 5011

Ion	Ratio	Lower	Upper
84	100		
49	139.2	109.9	164.9
51	81.5	35.8	53.8#
86	86.0	48.3	72.5#

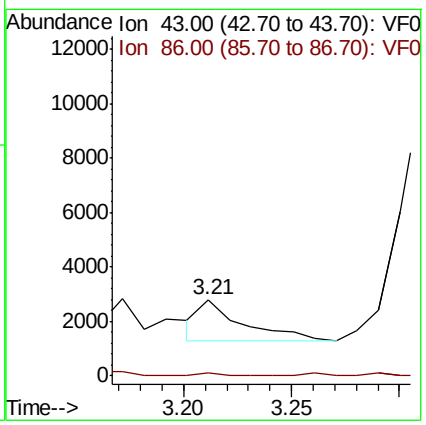


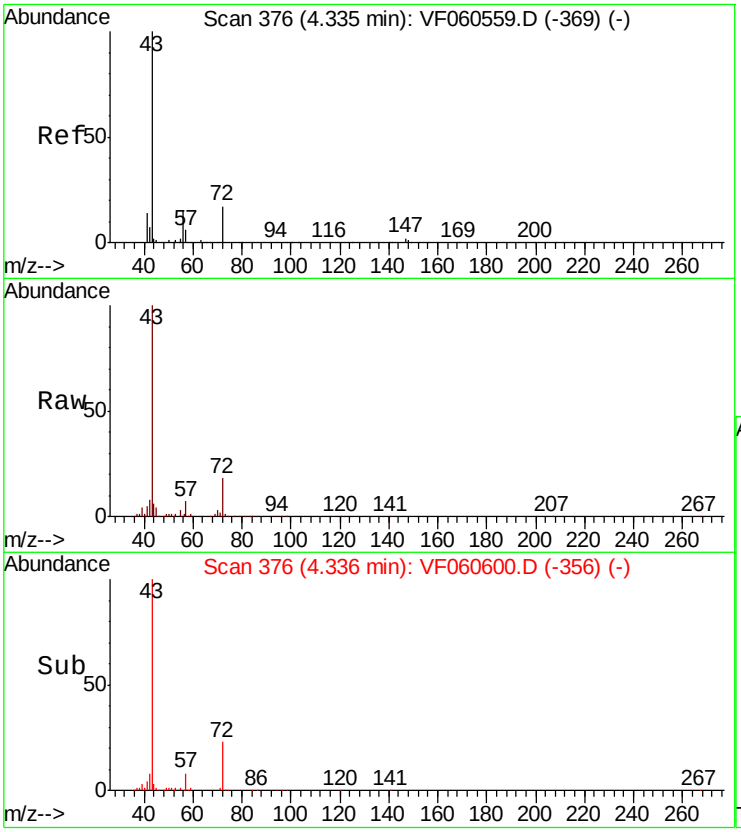


#23
Vinyl Acetate
Concen: 1.453 ug/l
RT: 3.21 min Scan# 262
Delta R.T. 0.02 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 43 Resp: 2077

Ion	Ratio	Lower	Upper
43	100		
86	4.0	7.1	10.7#



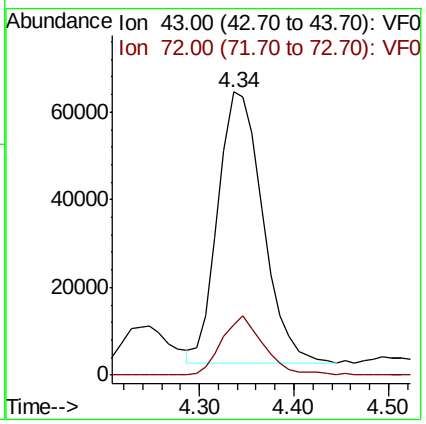


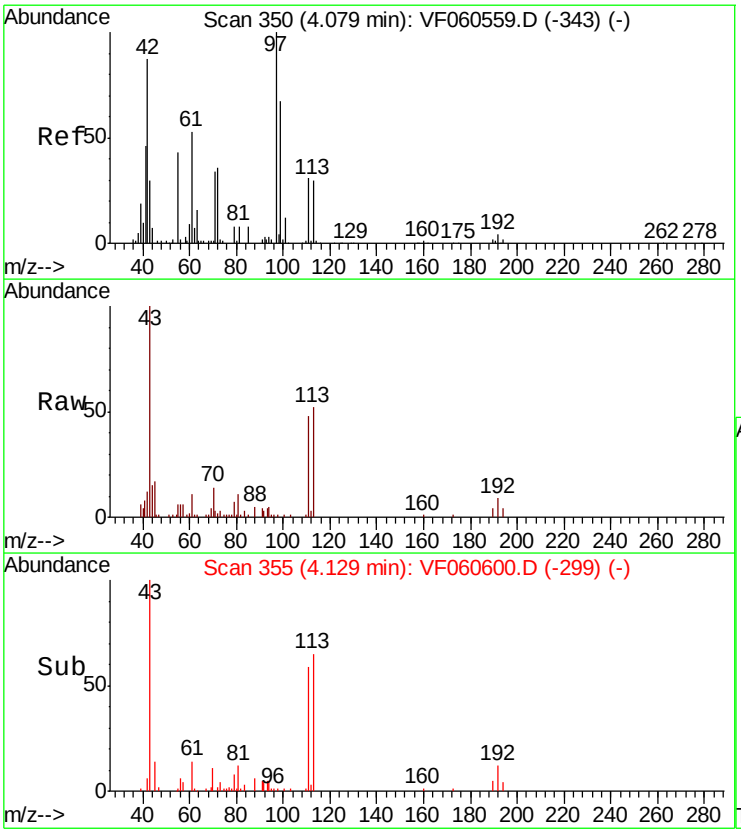
#25
2-Butanone
Concen: 517.474 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.00 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 204808

Ion	Ratio	Lower	Upper
43	100		
72	17.8	16.2	24.2

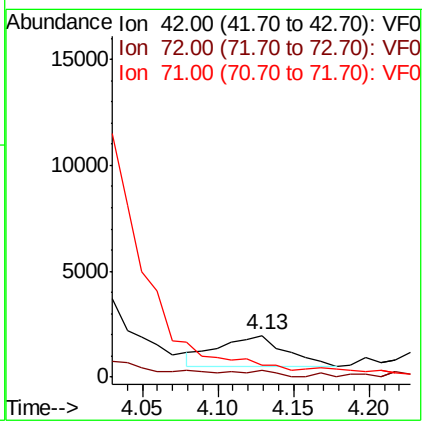


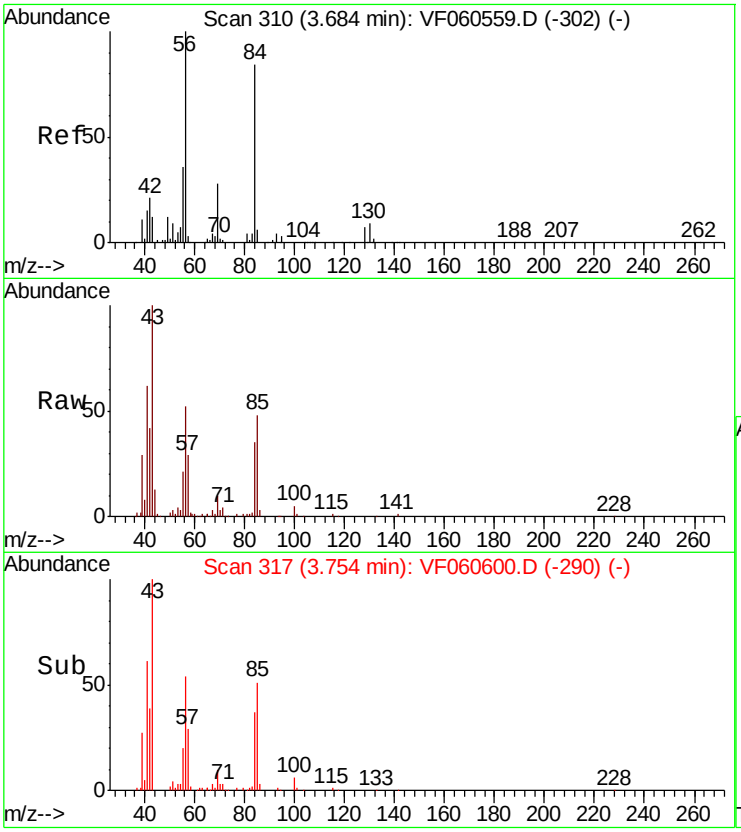


#29
Tetrahydrofuran
Concen: 16.691 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.05 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 42 Resp: 4505

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	0.0	31.8	47.6#



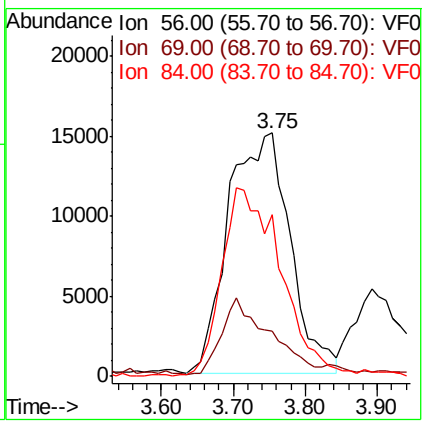


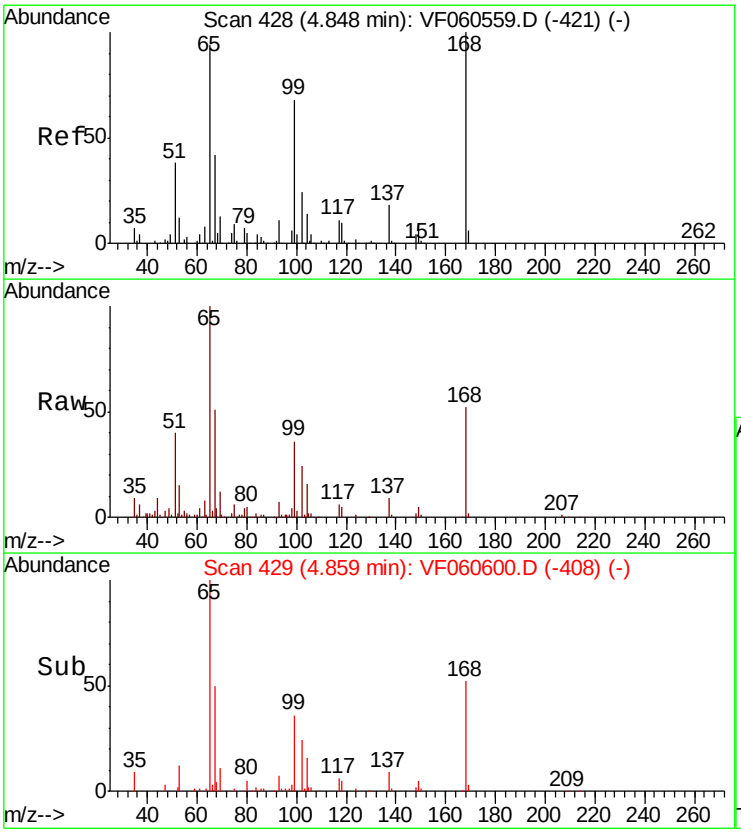
#31
Cyclohexane
Concen: 46.875 ug/l
RT: 3.75 min Scan# 317
Delta R.T. 0.07 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 89064

Ion	Ratio	Lower	Upper
56	100		
69	18.6	23.0	34.4#
84	66.3	67.1	100.7#

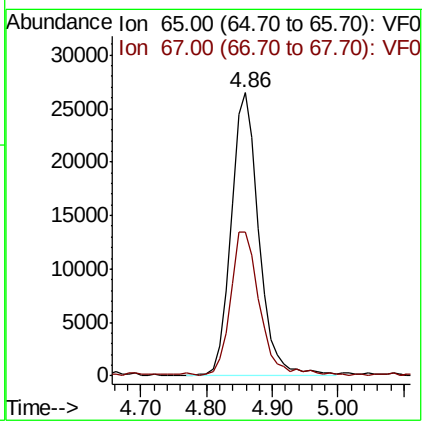


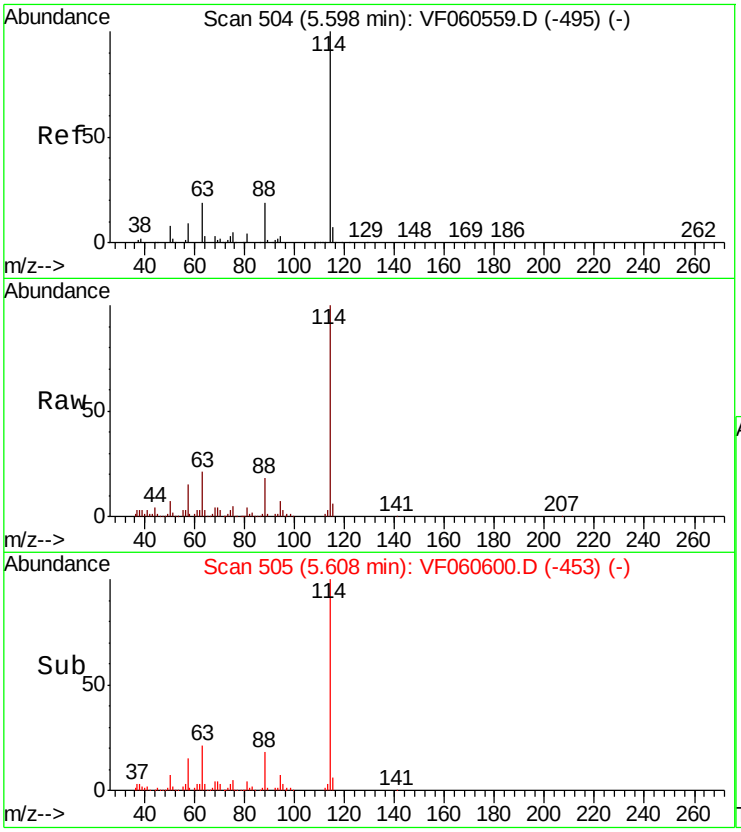


#33
1,2-Dichloroethane-d4
Concen: 81.934 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 65 Resp: 78364

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.8



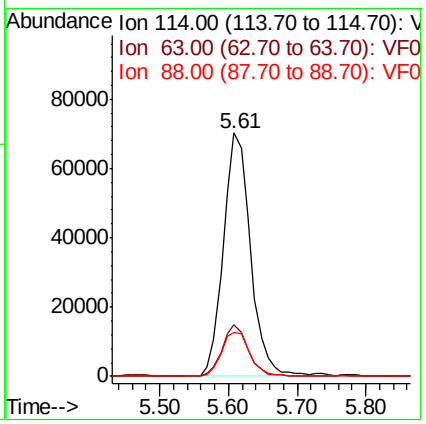


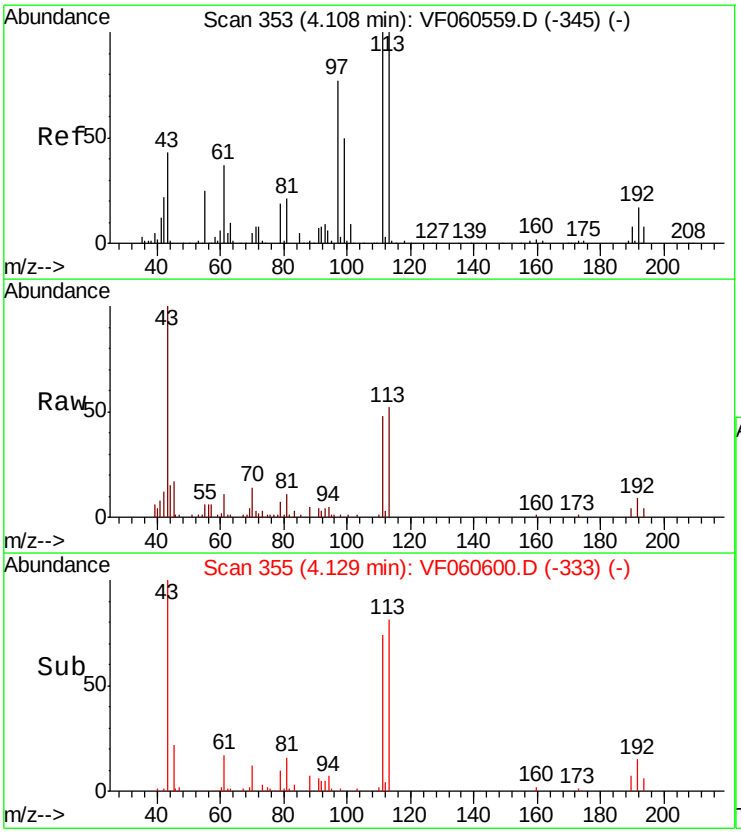
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 192713

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	39.0
88	18.3	0.0	38.2

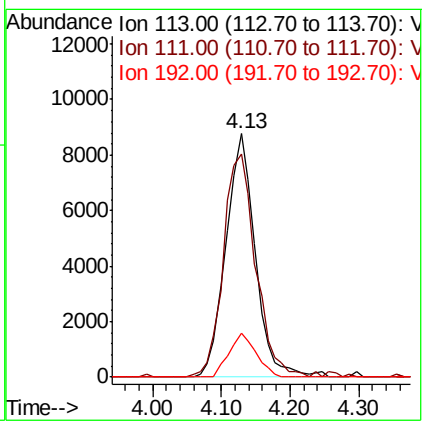


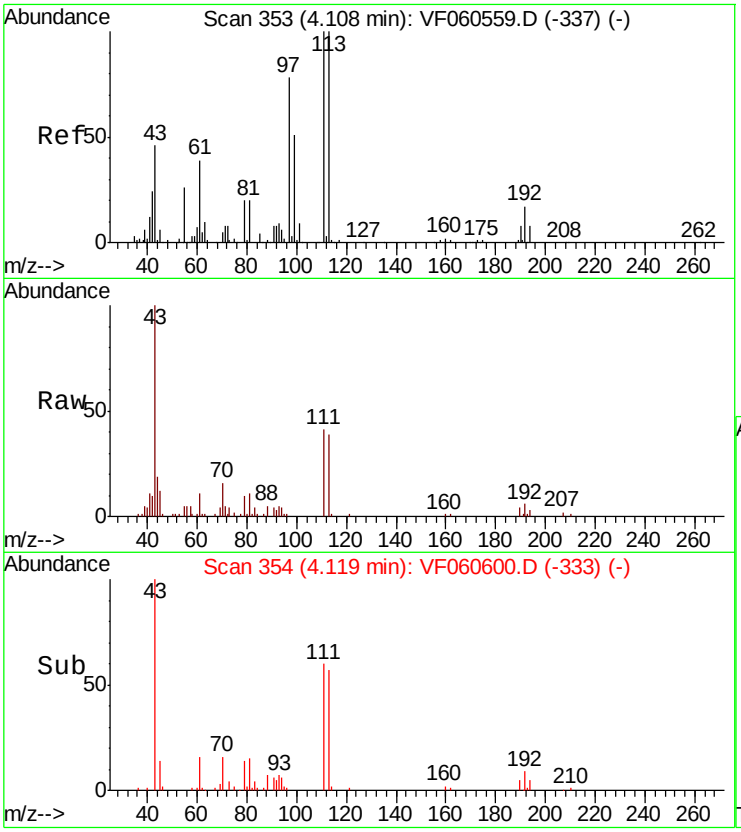


#35
Dibromofluoromethane
Concen: 17.476 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion:113 Resp: 26020

Ion	Ratio	Lower	Upper
113	100		
111	91.6	79.9	119.9
192	18.0	13.3	19.9



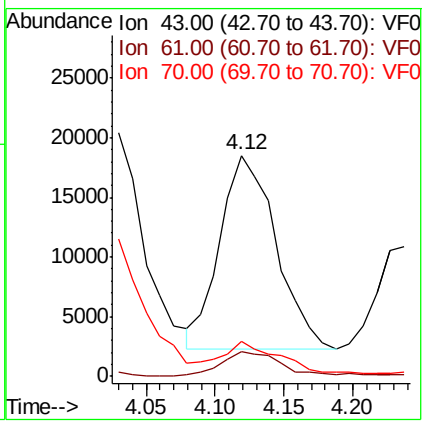


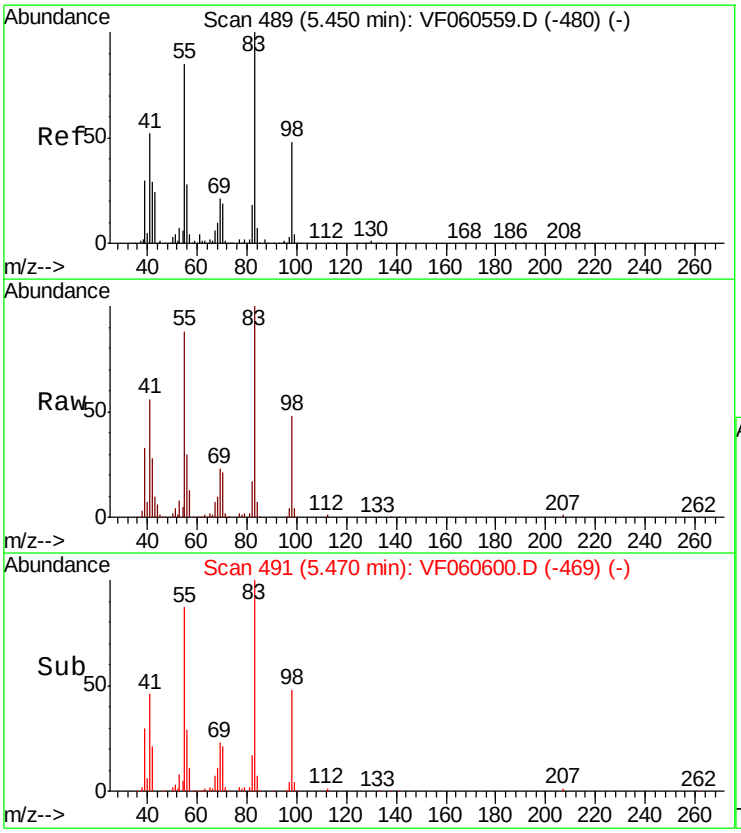
#37
Ethyl Acetate
Concen: 45.200 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 46040

Ion	Ratio	Lower	Upper
43	100		
61	11.2	63.4	95.2#
70	16.0	9.3	13.9#

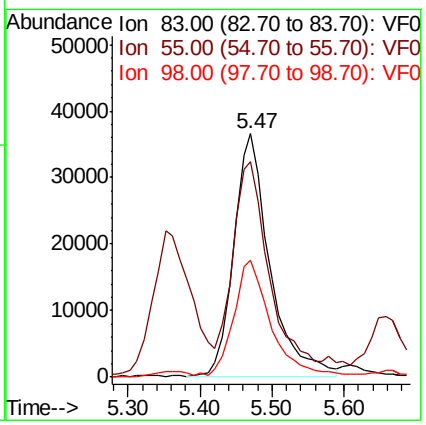


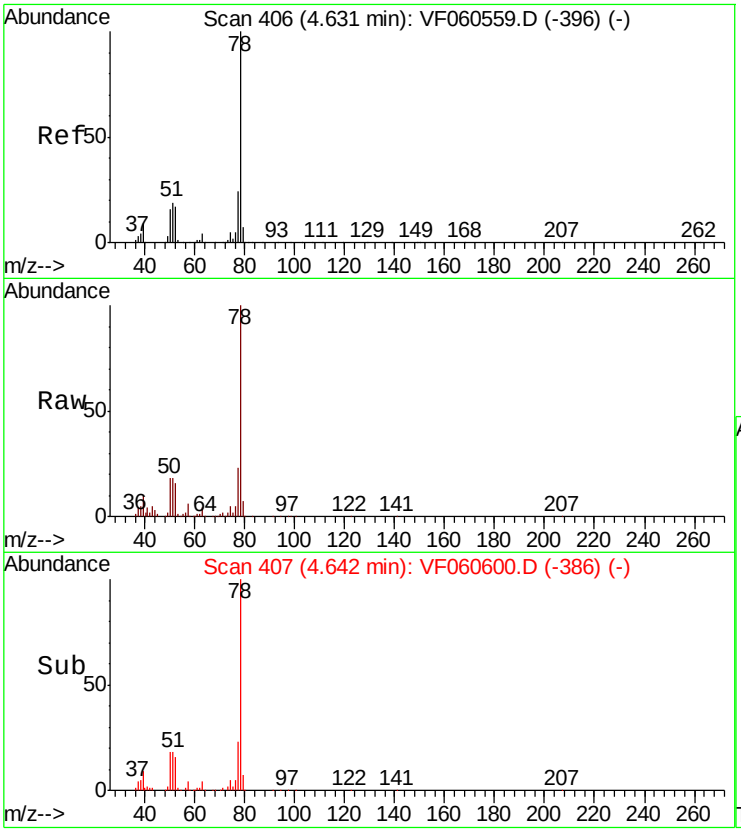


#39
Methylcyclohexane
Concen: 49.017 ug/l
RT: 5.47 min Scan# 491
Delta R.T. 0.02 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 83 Resp: 126926

Ion	Ratio	Lower	Upper
83	100		
55	88.3	69.1	103.7
98	48.2	38.6	57.8



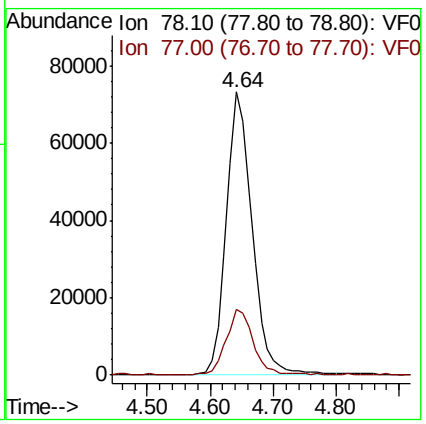


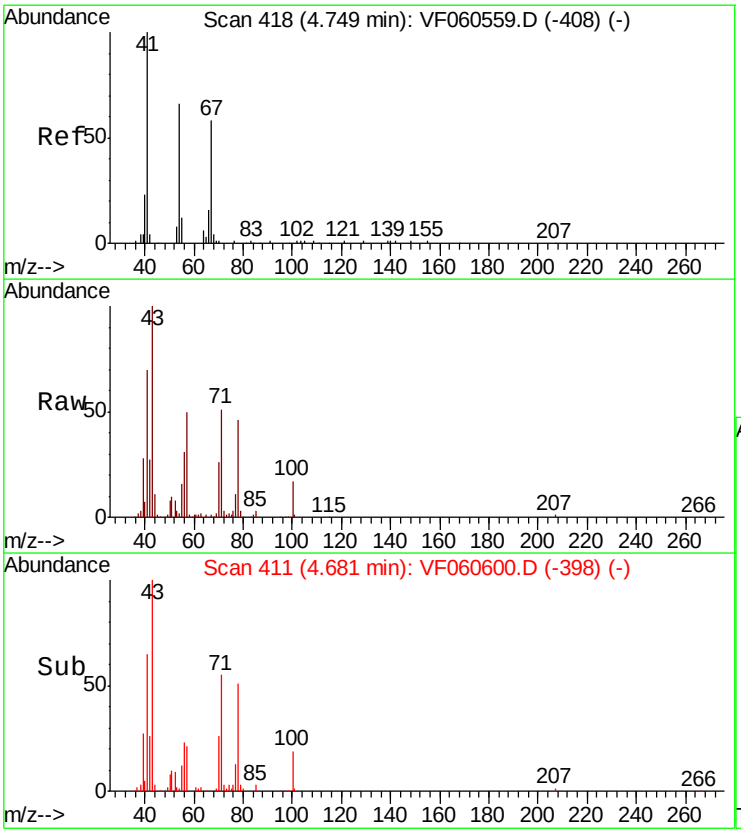
#40
Benzene
Concen: 40.407 ug/l
RT: 4.64 min Scan# 407
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 78 Resp: 208122

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9

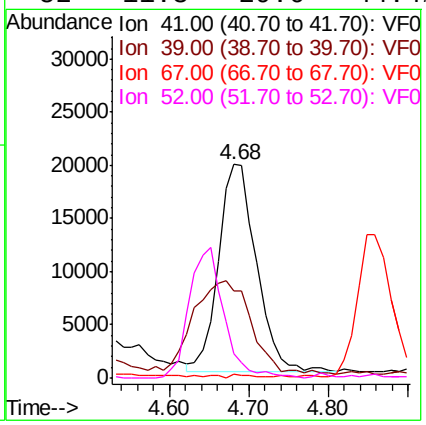


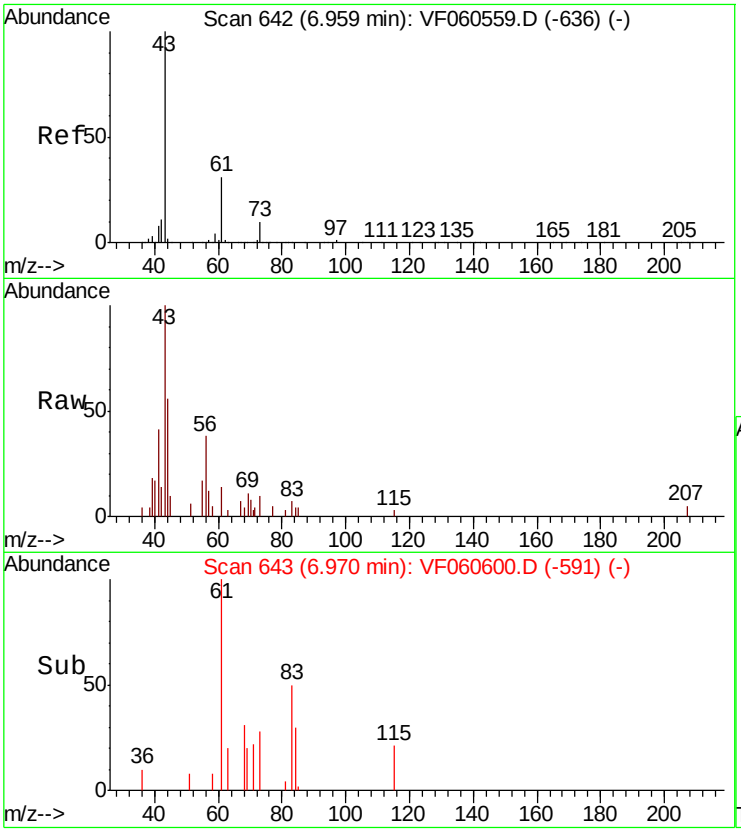


#41
Methacrylonitrile
Concen: 113.084 ug/l
RT: 4.68 min Scan# 411
Delta R.T. -0.07 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 41 Resp: 65231

Ion	Ratio	Lower	Upper
41	100		
39	40.7	45.6	68.4#
67	1.6	45.3	67.9#
52	11.3	29.6	44.4#



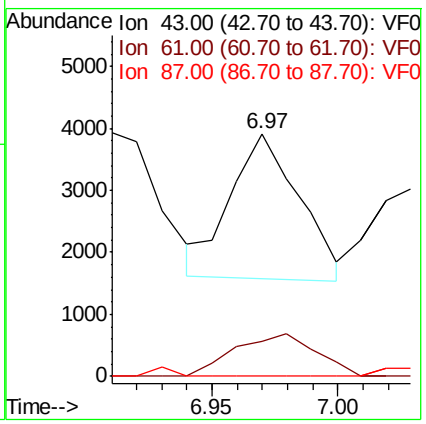


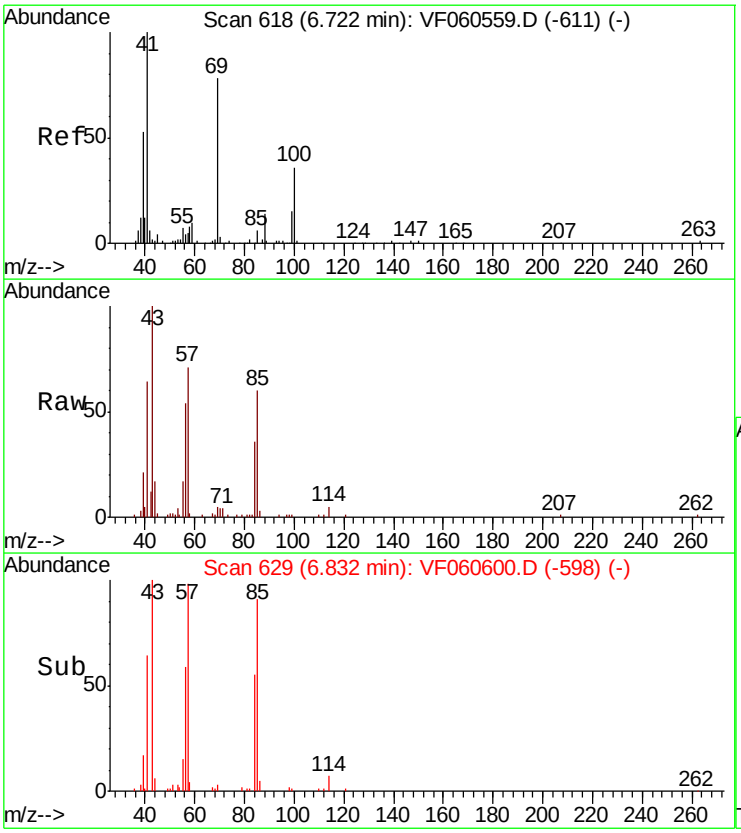
#43
Isopropyl Acetate
Concen: 3.455 ug/l
RT: 6.97 min Scan# 643
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 4452

Ion	Ratio	Lower	Upper
43	100		
61	14.2	24.2	36.2#
87	0.0	0.2	0.4#

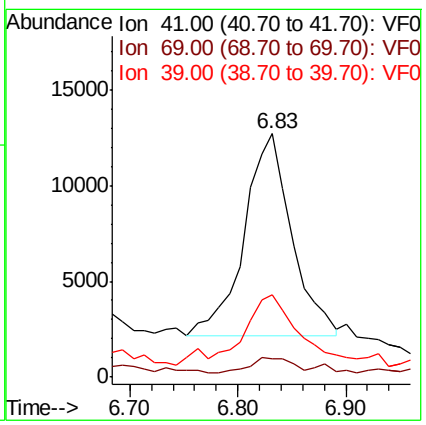


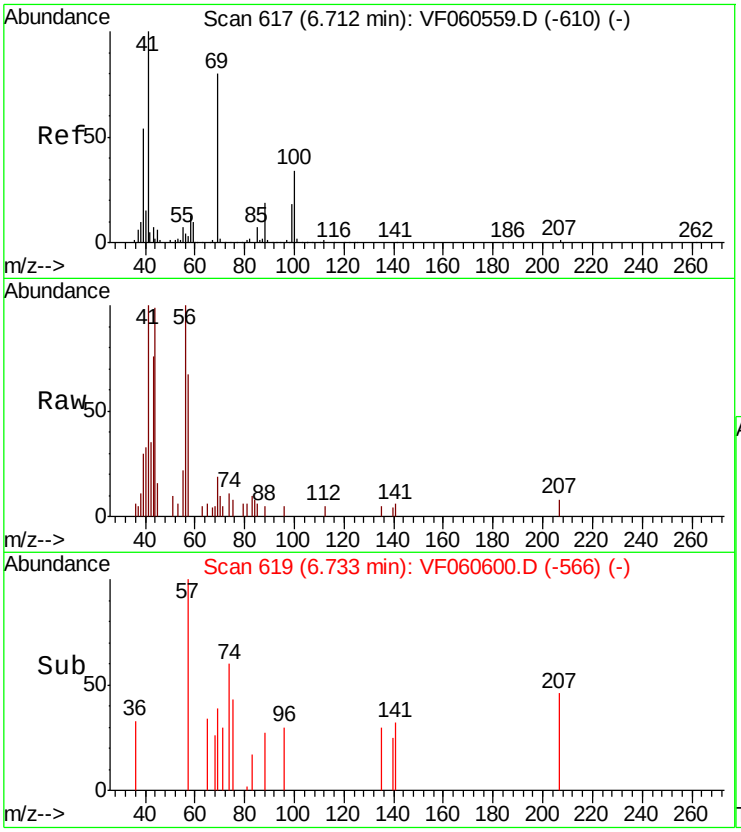


#48
Methyl methacrylate
Concen: 39.725 ug/l
RT: 6.83 min Scan# 629
Delta R.T. 0.11 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 41 Resp: 32168

Ion	Ratio	Lower	Upper
41	100		
69	7.7	61.1	91.7#
39	33.6	43.0	64.6#



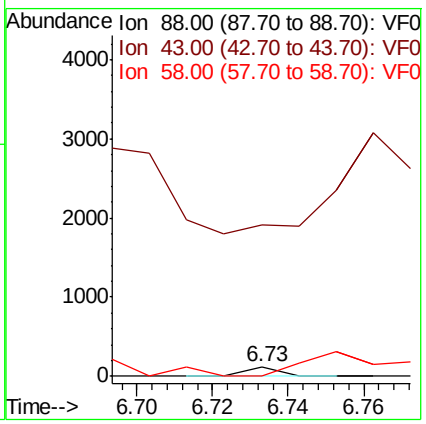


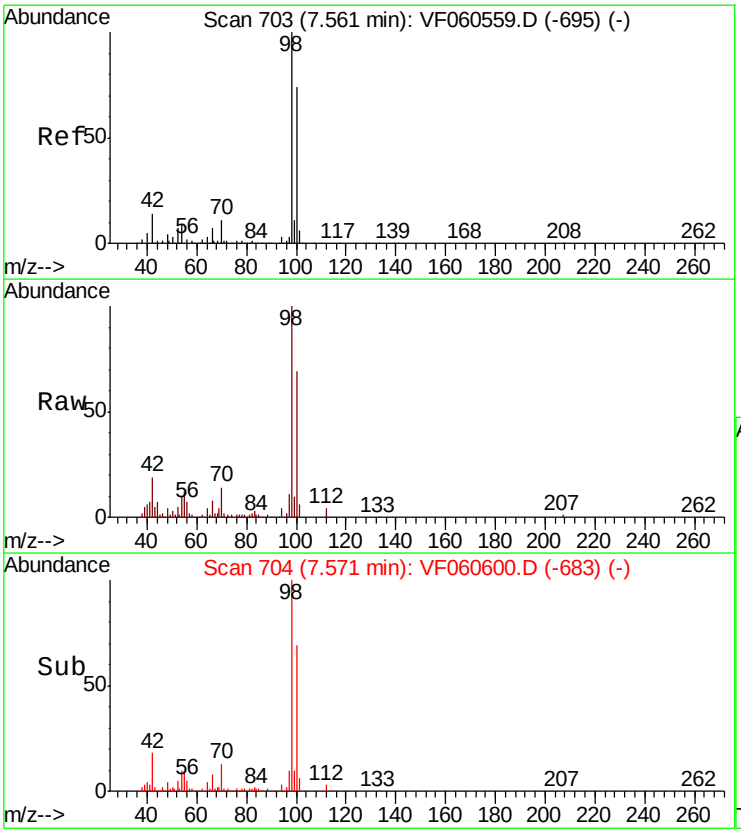
#49
1,4-Dioxane
Concen: 8.618 ug/l
RT: 6.73 min Scan# 619
Delta R.T. 0.02 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 73

Ion	Ratio	Lower	Upper
88	100		
43	1560.2	61.2	91.8#
58	0.0	56.9	85.3#

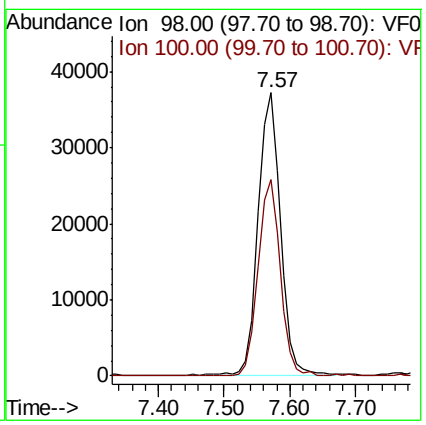


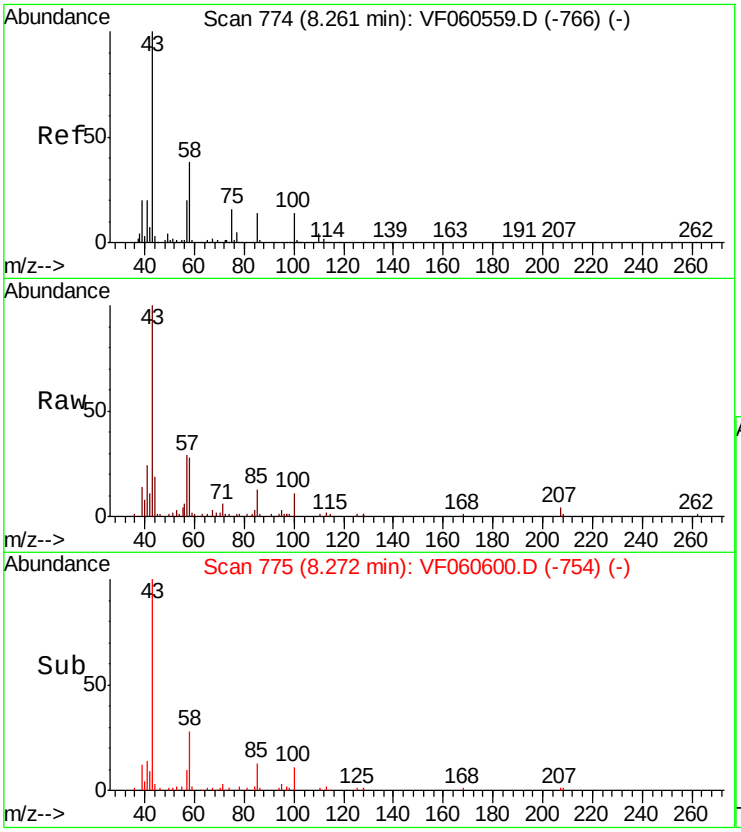


#50
Toluene-d8
Concen: 20.412 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 98 Resp: 90029

Ion	Ratio	Lower	Upper
98	100		
100	69.5	59.4	89.2



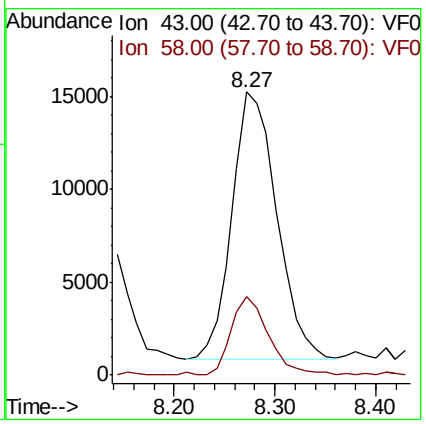


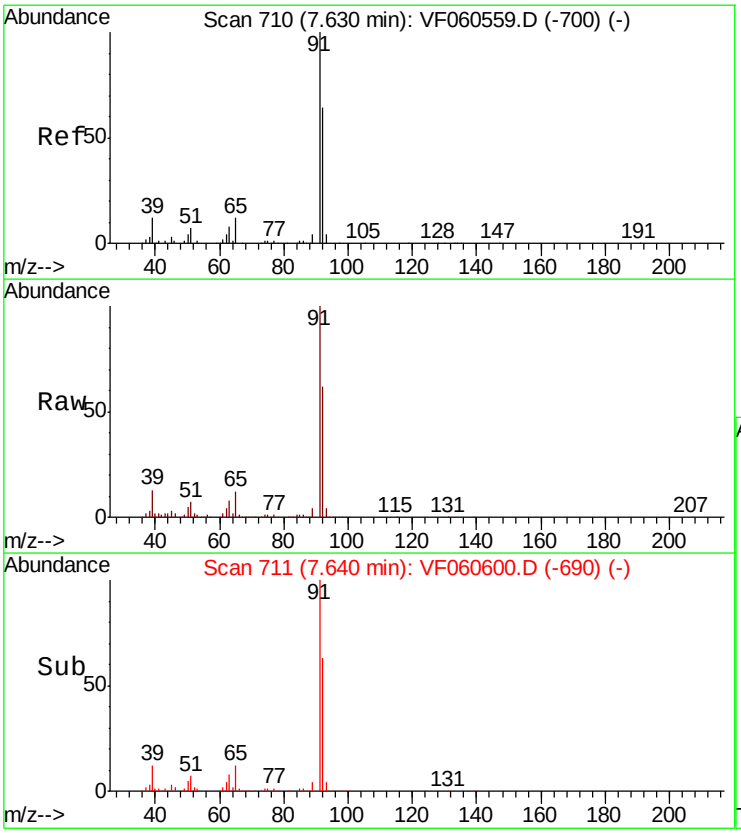
#51
4-Methyl-2-Pentanone
Concen: 51.438 ug/l
RT: 8.27 min Scan# 775
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 44567

Ion	Ratio	Lower	Upper
43	100		
58	27.5	30.1	45.1#

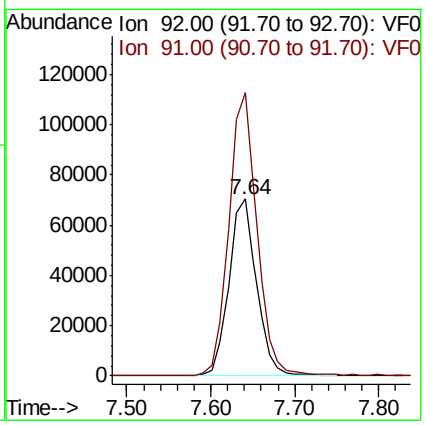


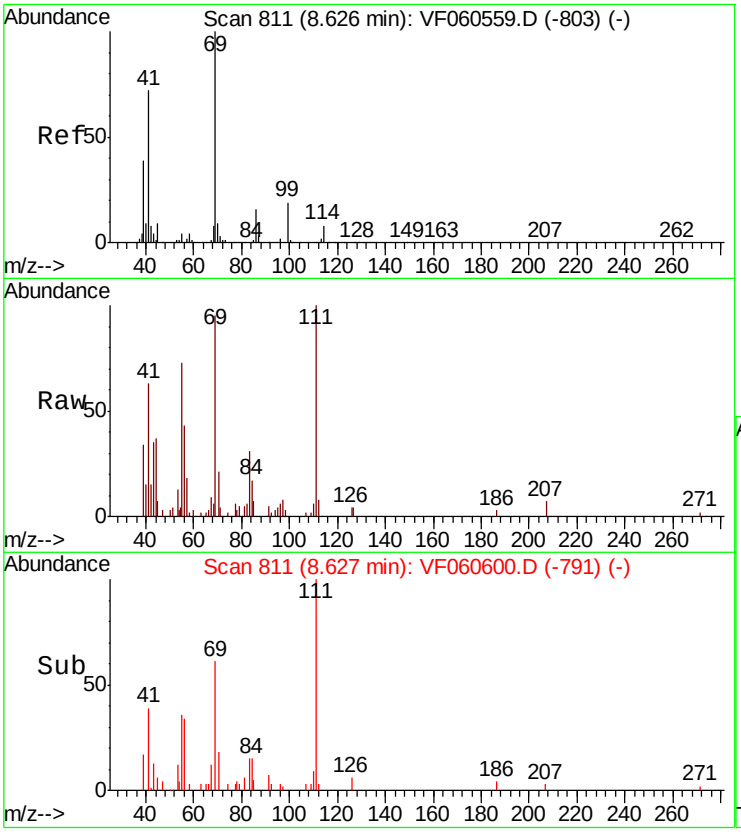


#52
Toluene
Concen: 48.005 ug/l
RT: 7.64 min Scan# 711
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 92 Resp: 161063

Ion	Ratio	Lower	Upper
92	100		
91	160.1	124.5	186.7



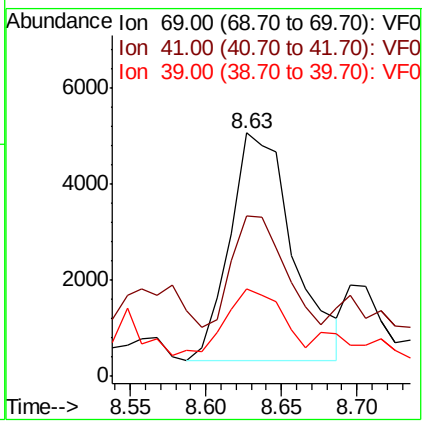


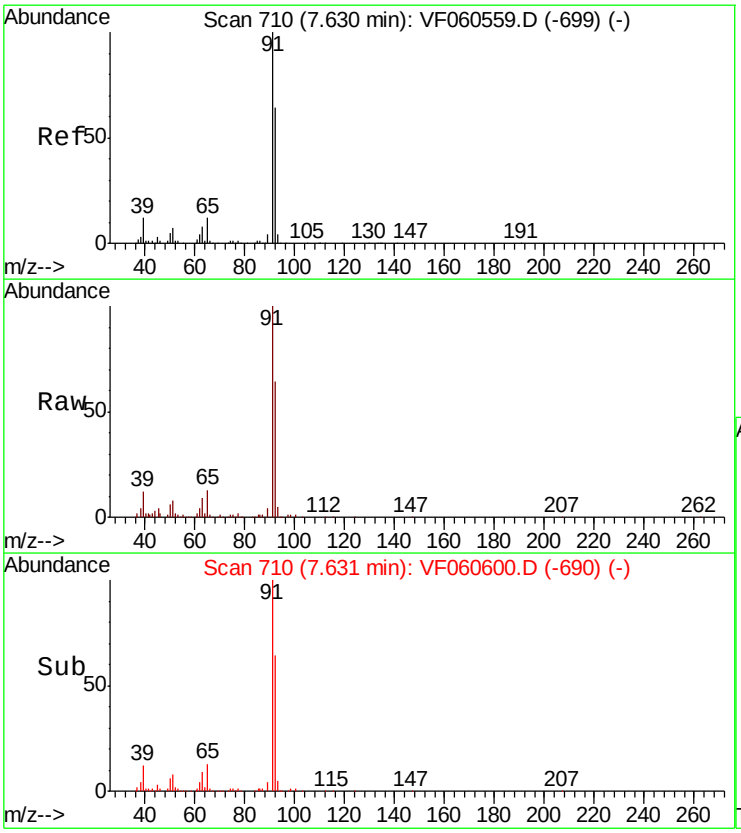
#56
Ethyl methacrylate
Concen: 11.029 ug/l
RT: 8.63 min Scan# 811
Delta R.T. 0.00 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 69 Resp: 13854

Ion	Ratio	Lower	Upper
69	100		
41	66.0	59.2	88.8
39	36.0	32.3	48.5

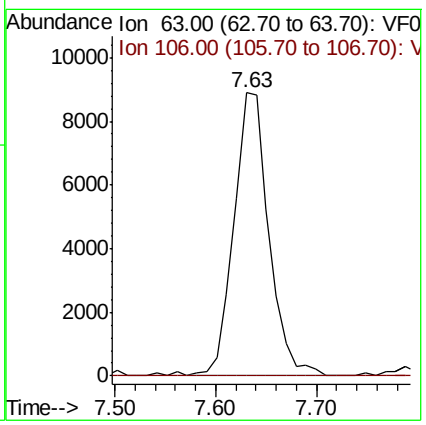


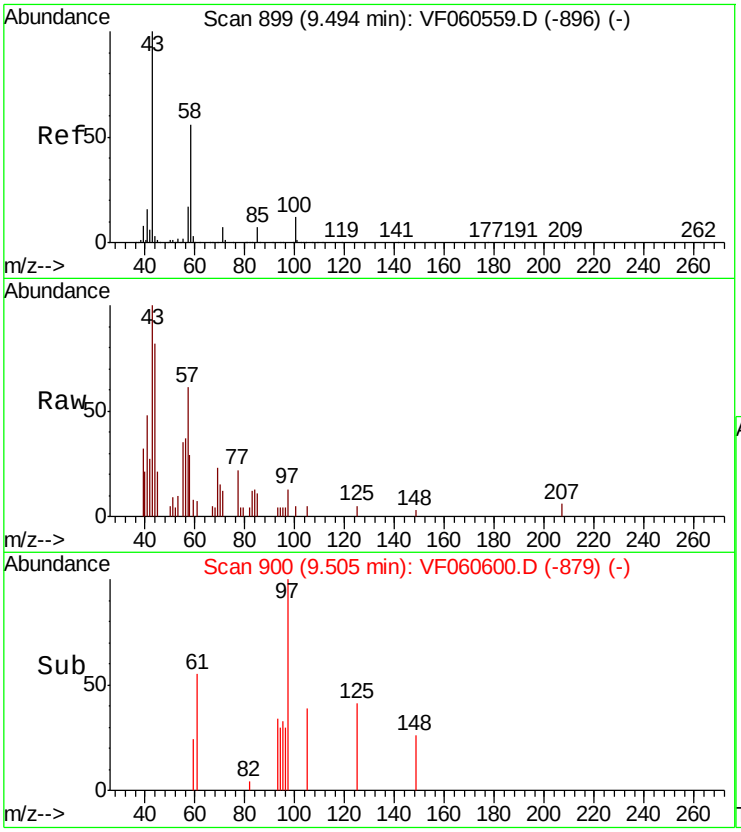


#58
2-Chloroethyl Vinyl ether
Concen: 268.583 ug/l
RT: 7.63 min Scan# 710
Delta R.T. 0.00 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 63 Resp: 21456

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



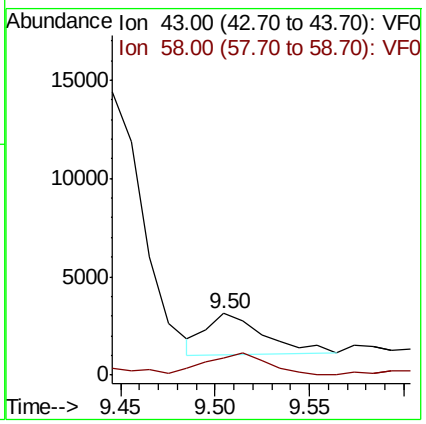


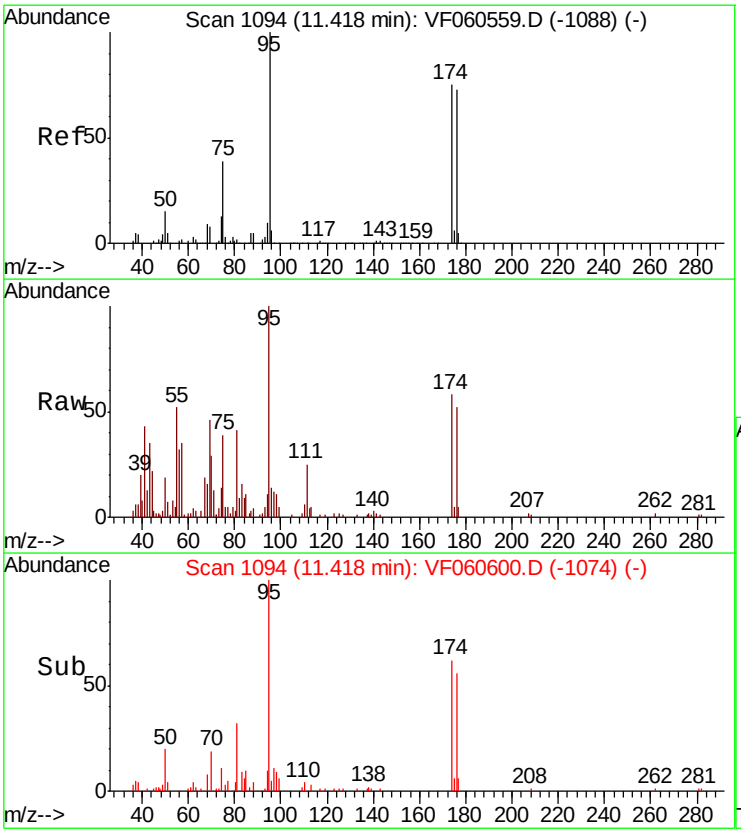
#59
2-Hexanone
Concen: Below Cal
RT: 9.50 min Scan# 900
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 4369

Ion	Ratio	Lower	Upper
43	100		
58	28.7	26.1	78.3

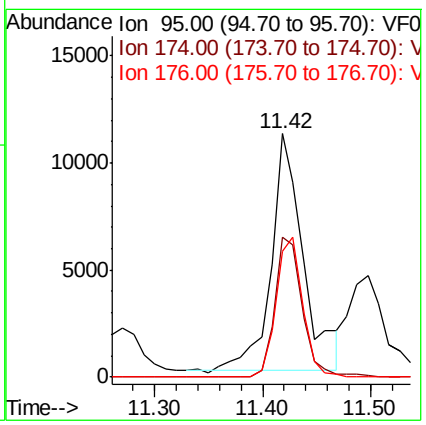


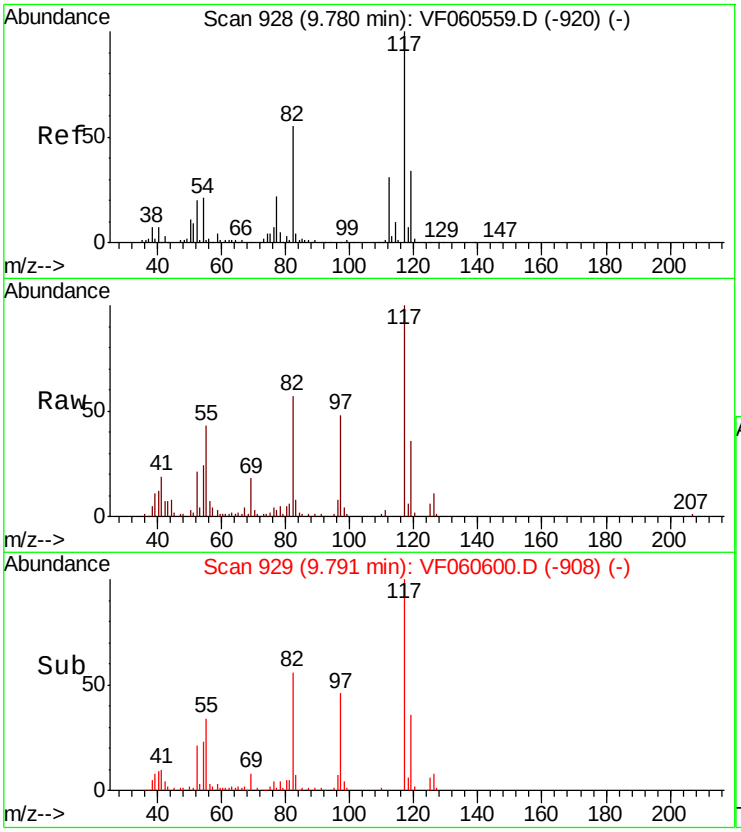


#62
4-Bromofluorobenzene
Concen: 11.892 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 95 Resp: 22942

Ion	Ratio	Lower	Upper
95	100		
174	57.5	0.0	149.0
176	51.6	0.0	145.6



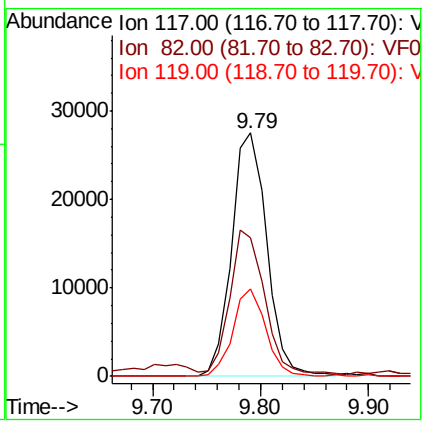


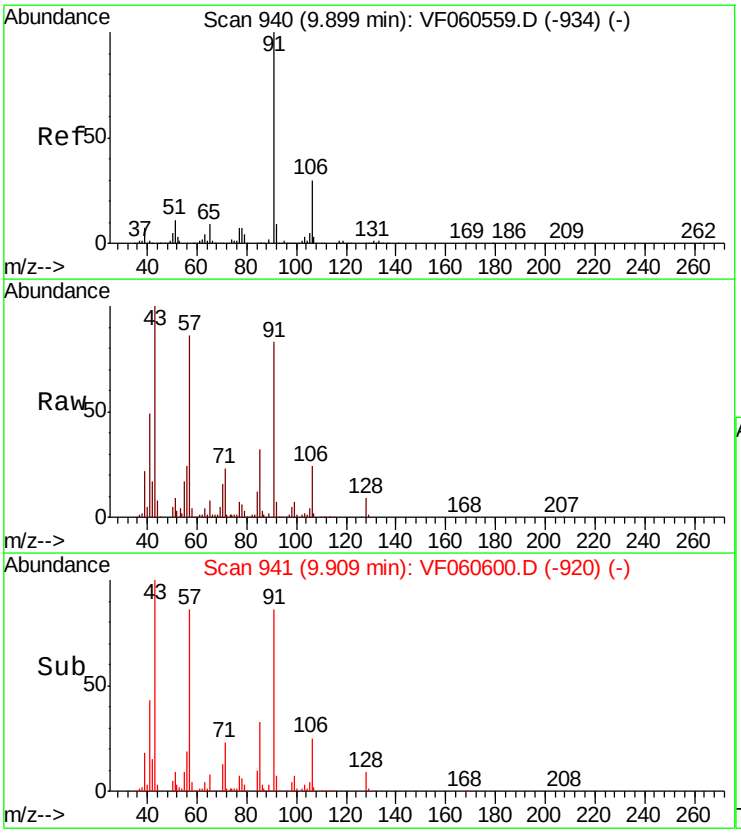
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 62565

Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.9	65.9
119	35.9	27.4	41.0

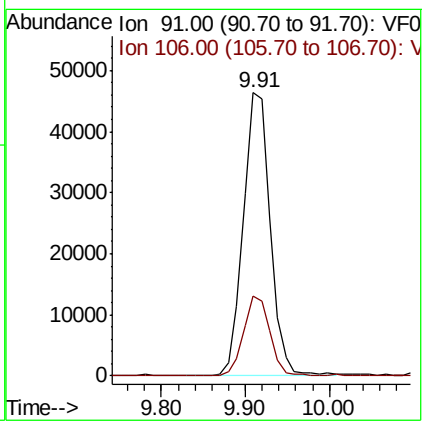


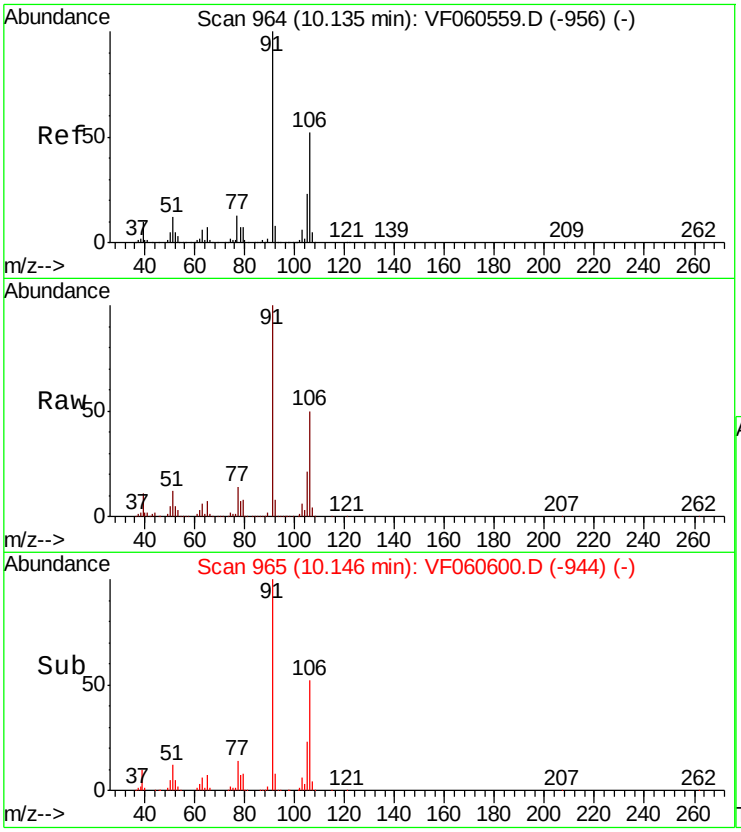


#67
Ethyl Benzene
Concen: 45.060 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 91 Resp: 104620

Ion	Ratio	Lower	Upper
91	100		
106	28.3	24.2	36.4



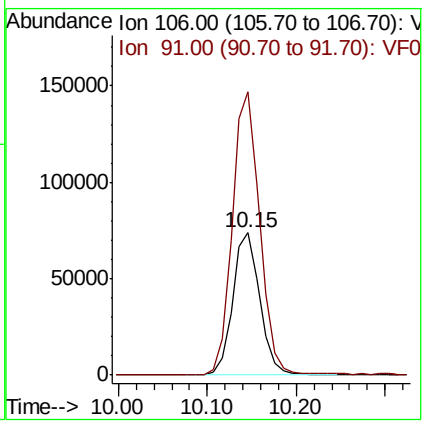


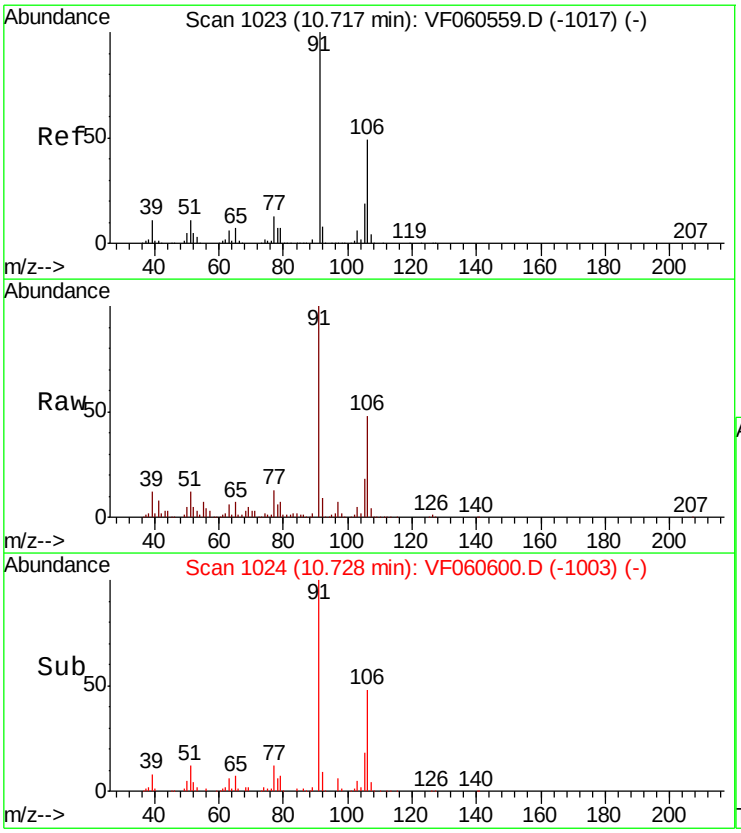
#68
m/p-Xylenes
Concen: 179.526 ug/l
RT: 10.15 min Scan# 965
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 157013

Ion	Ratio	Lower	Upper
106	100		
91	199.3	153.9	230.9

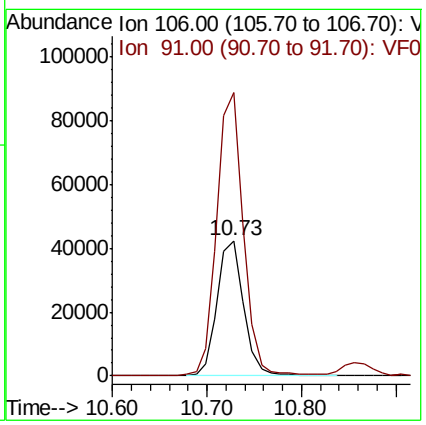


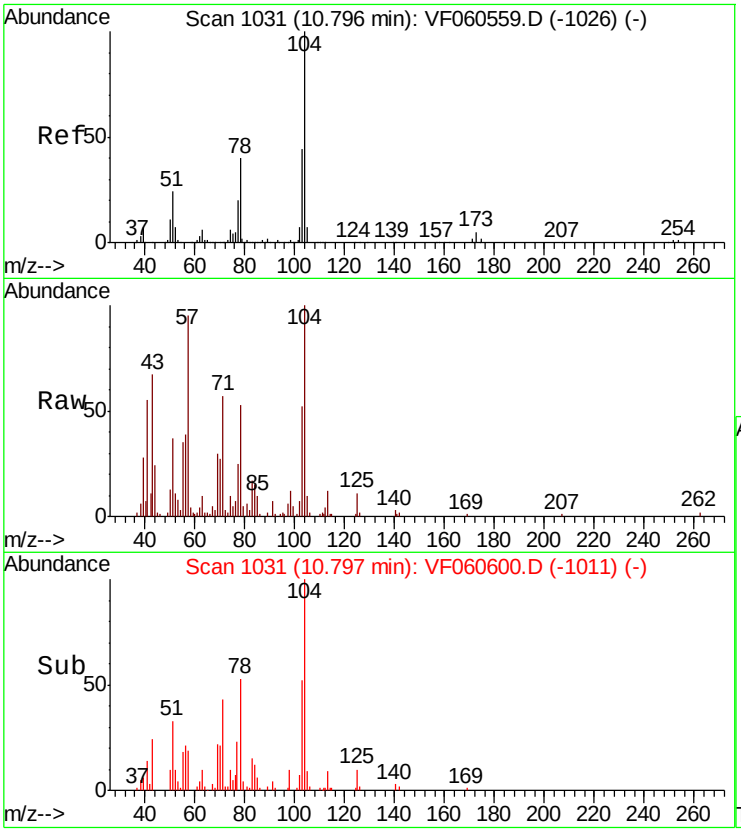


#69
o-Xylene
Concen: 86.324 ug/l
RT: 10.73 min Scan# 1024
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion:106 Resp: 82439

Ion	Ratio	Lower	Upper
106	100		
91	209.7	101.8	305.3



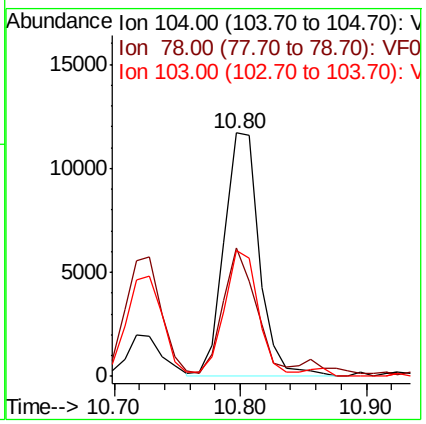


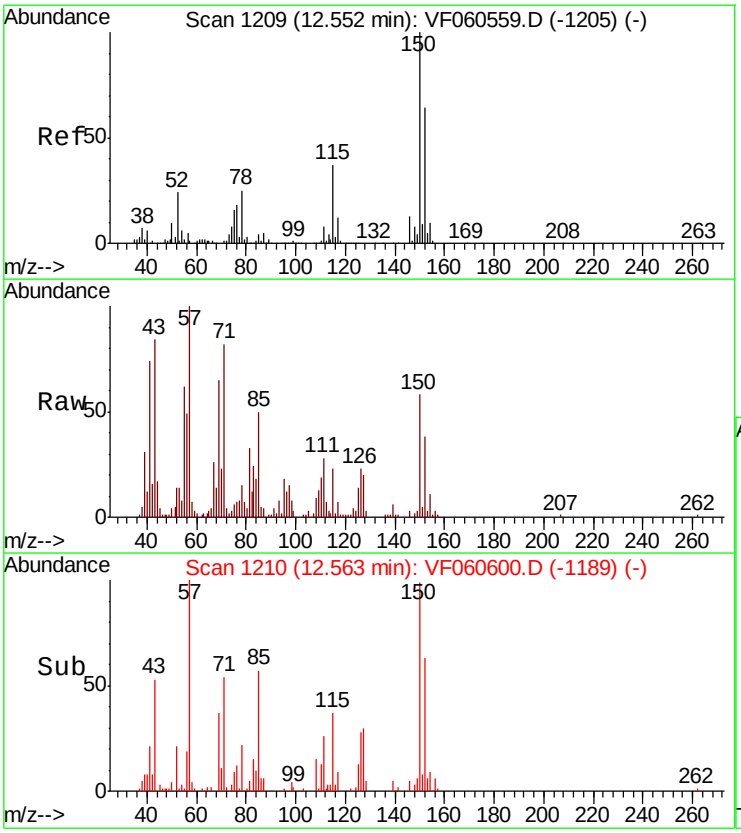
#70
Stvrene
Concen: 16.387 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:104 Resp: 22673

Ion	Ratio	Lower	Upper
104	100		
78	52.8	32.6	49.0#
103	51.9	35.2	52.8

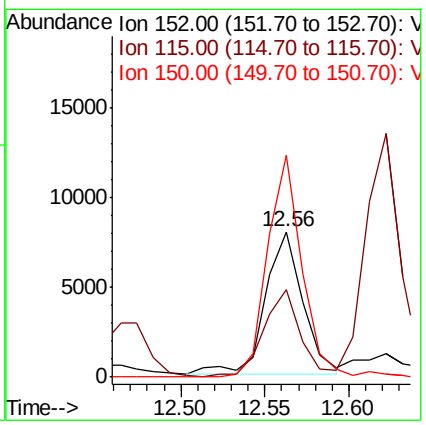


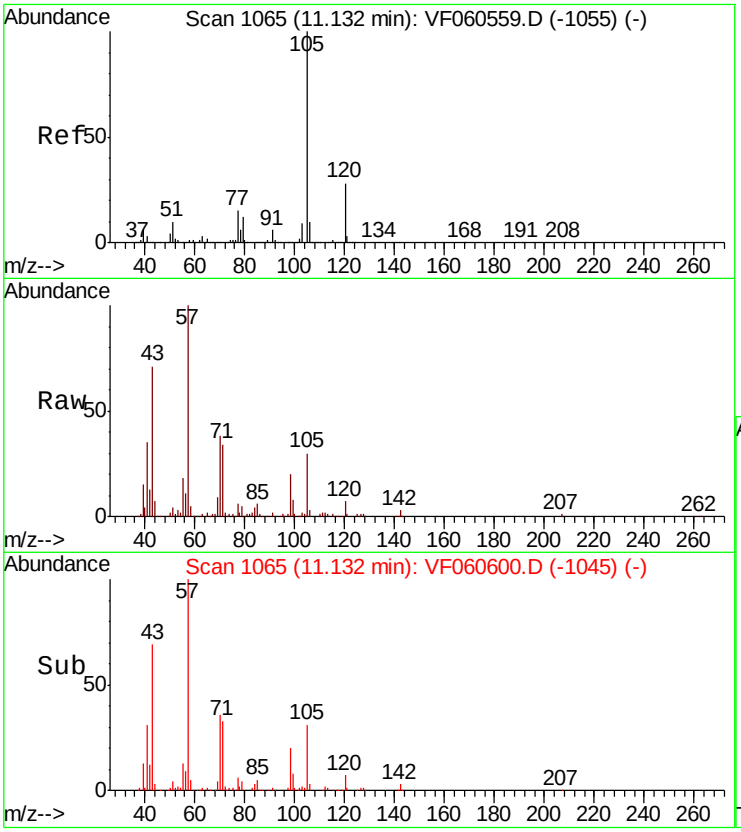


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion:152 Resp: 12352

Ion	Ratio	Lower	Upper
152	100		
115	60.4	29.6	88.8
150	152.9	0.0	315.6



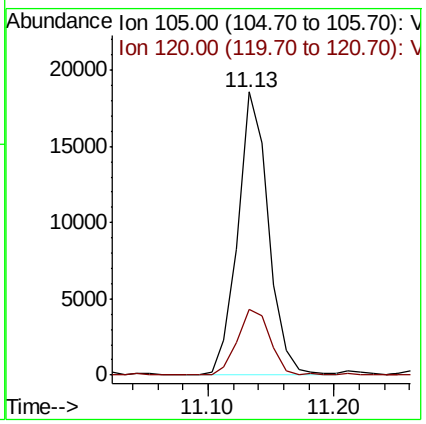


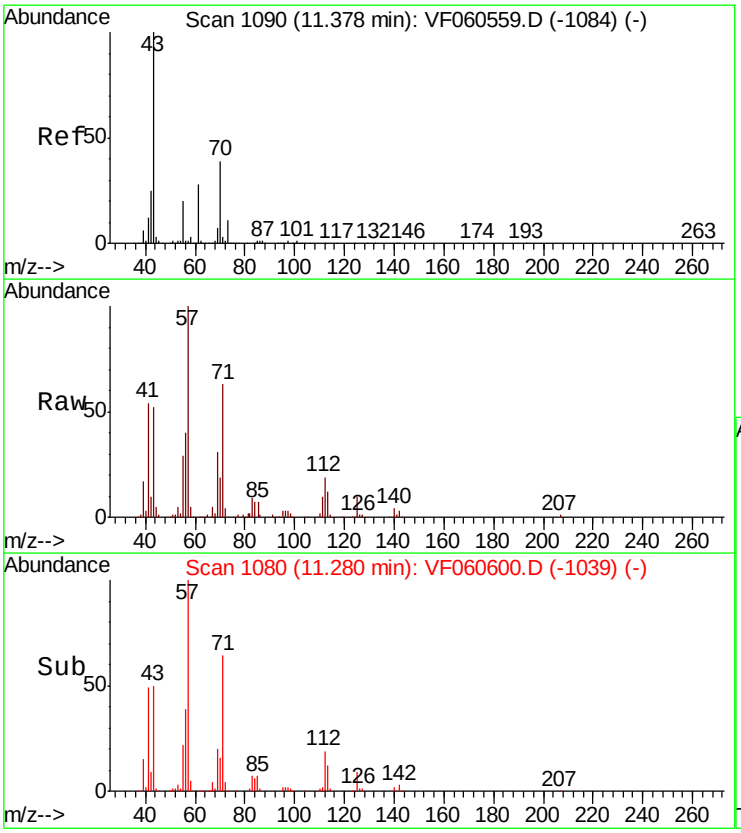
#73
Isopropylbenzene
Concen: 32.604 ug/l
RT: 11.13 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 31408

Ion	Ratio	Lower	Upper
105	100		
120	23.1	13.9	41.6

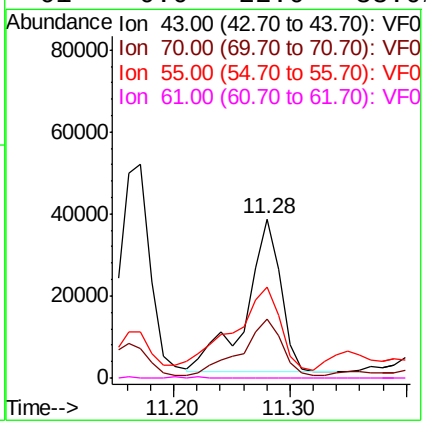


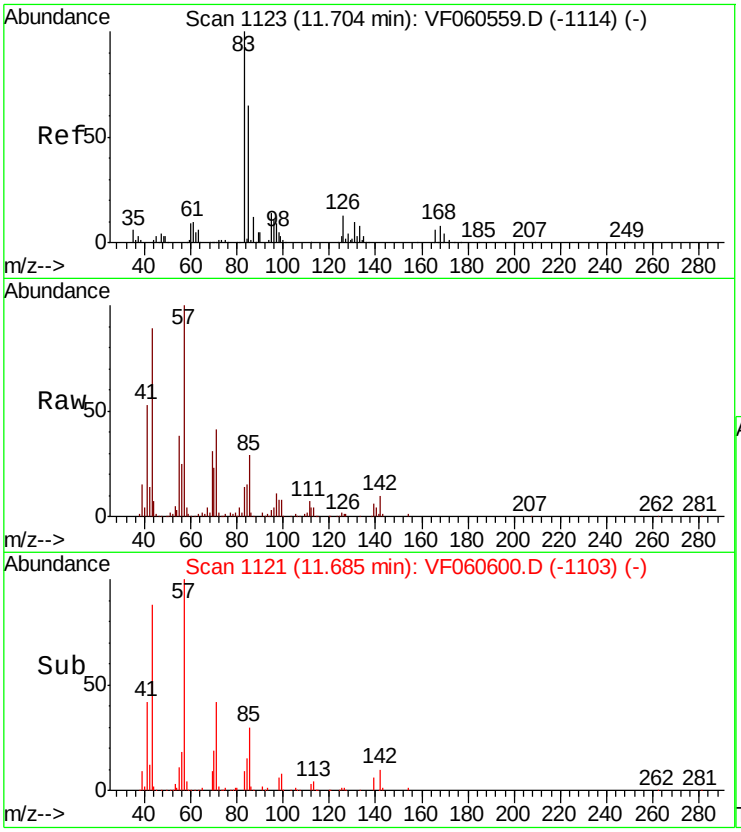


#74
N-amyl acetate
Concen: 333.062 ug/l
RT: 11.28 min Scan# 1080
Delta R.T. -0.10 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 43 Resp: 76403

Ion	Ratio	Lower	Upper
43	100		
70	37.1	30.9	46.3
55	56.8	16.6	24.8#
61	0.0	22.0	33.0#



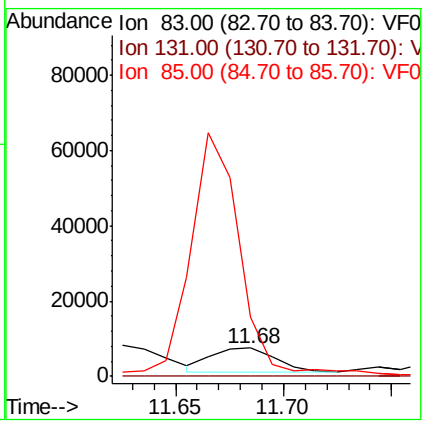


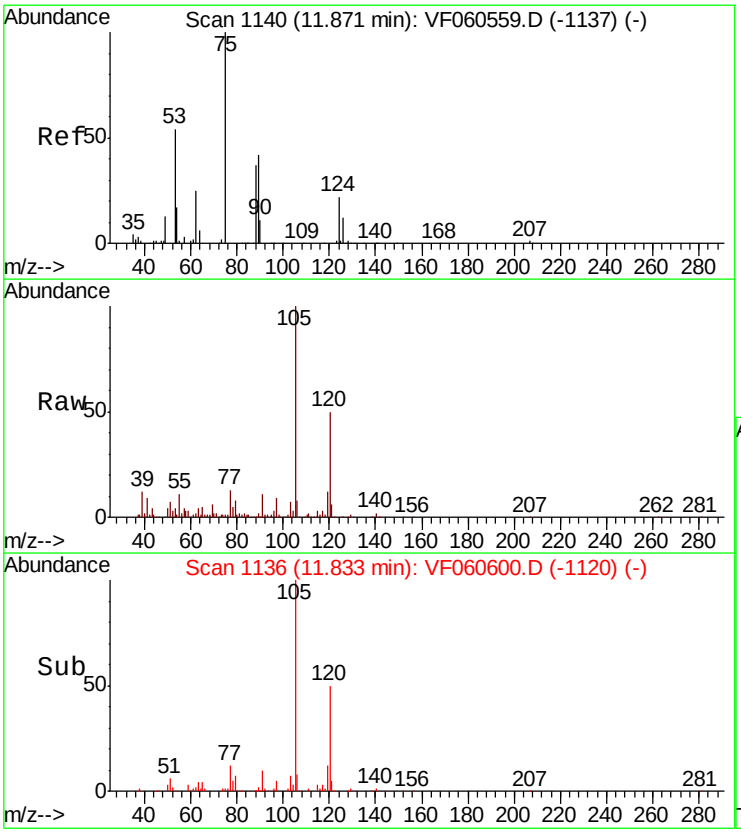
#75
1,1,2,2-Tetrachloroethane
Concen: 73.480 ug/l
RT: 11.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 12920

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	212.2	32.9	98.7#

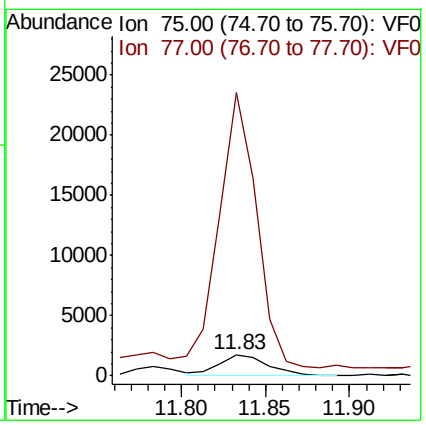


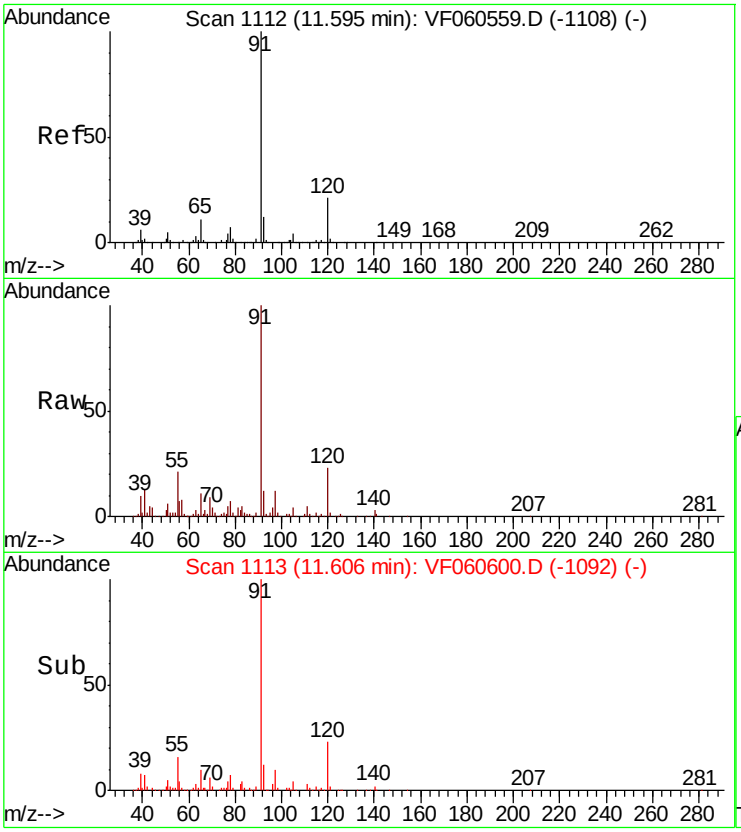


#76
1,2,3-Trichloropropane
Concen: 41.233 ug/l
RT: 11.83 min Scan# 1136
Delta R.T. -0.04 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 75 Resp: 3563

Ion	Ratio	Lower	Upper
75	100		
77	1328.1	17.4	52.3#



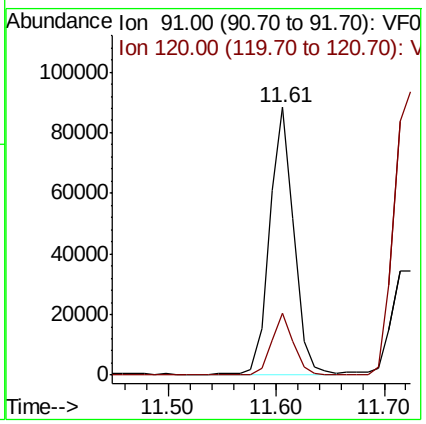


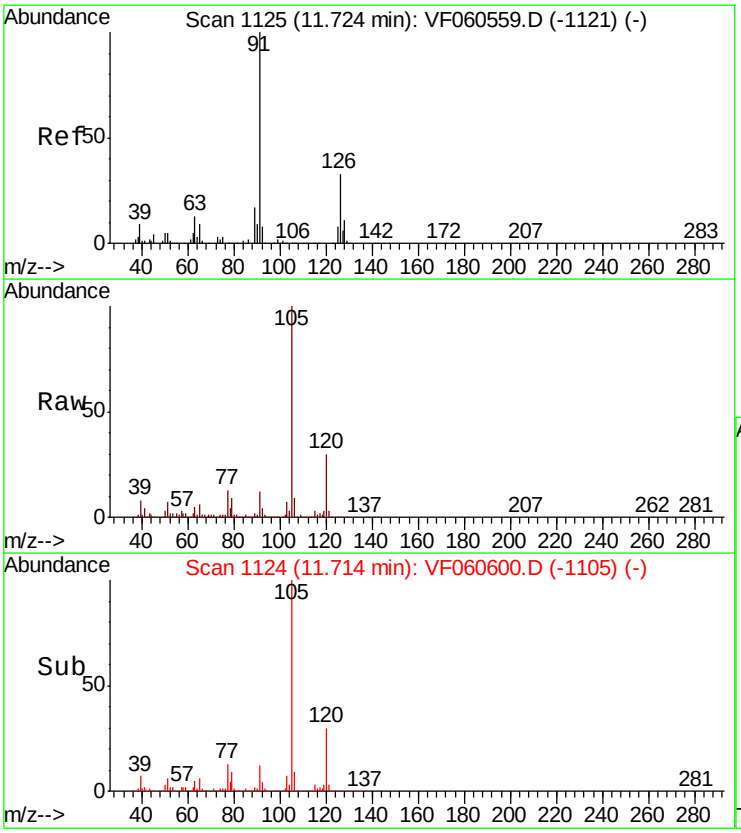
#78
n-propylbenzene
Concen: 122.695 ug/l
RT: 11.61 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 138286

Ion	Ratio	Lower	Upper
91	100		
120	23.0	10.5	31.6

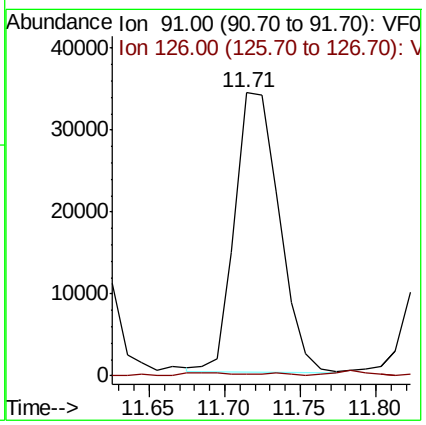


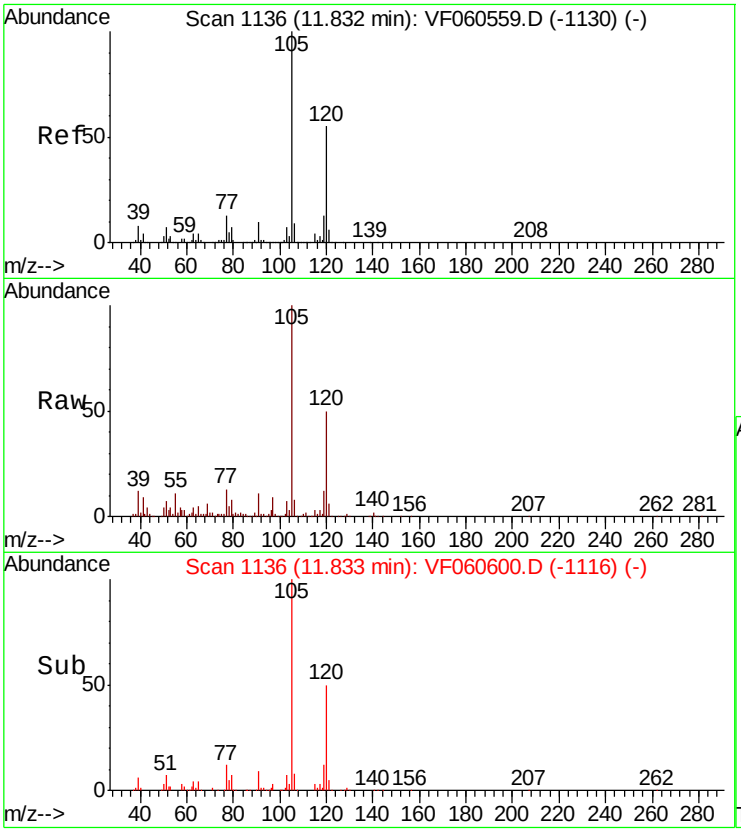


#79
2-Chlorotoluene
Concen: 108.877 ug/l
RT: 11.71 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 91 Resp: 70080

Ion	Ratio	Lower	Upper
91	100		
126	0.5	16.5	49.5#



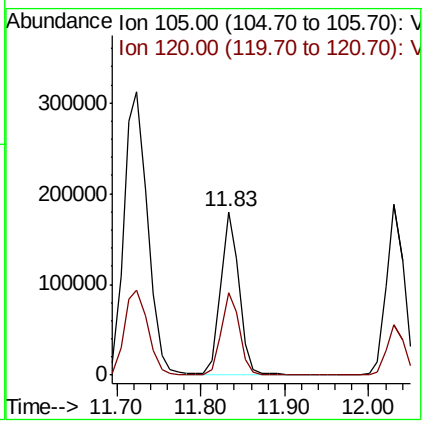


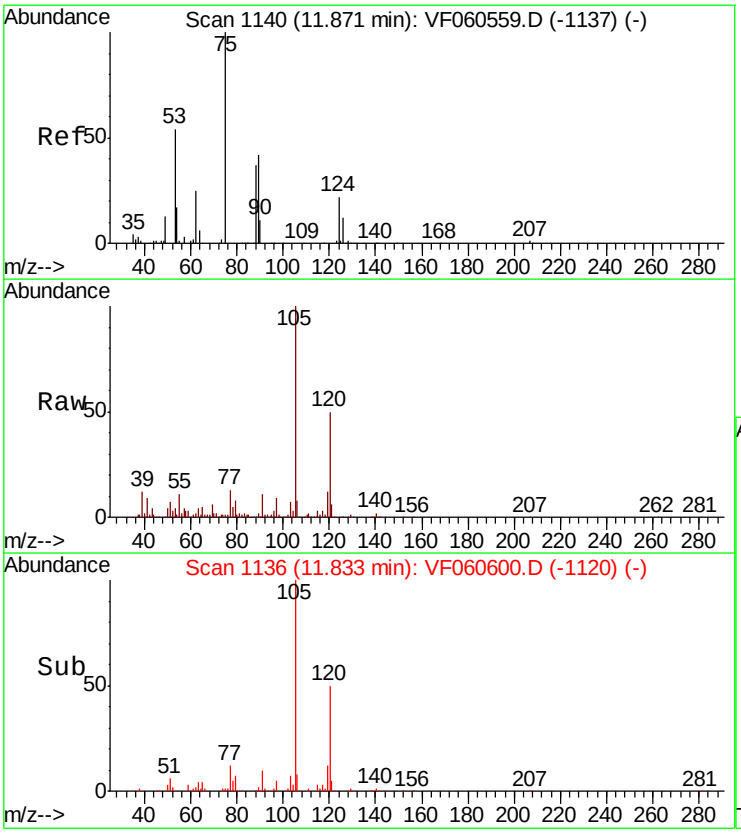
#80
1,3,5-Trimethylbenzene
Concen: 345.232 ug/l
RT: 11.83 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 274122

Ion	Ratio	Lower	Upper
105	100		
120	50.2	27.6	82.8

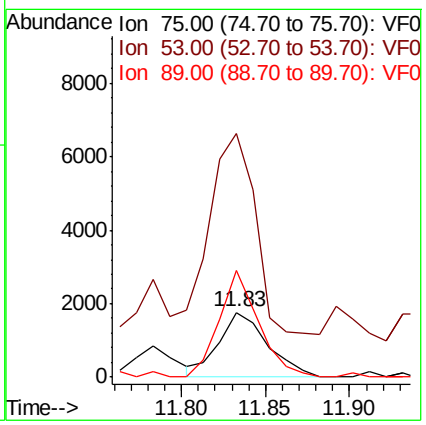


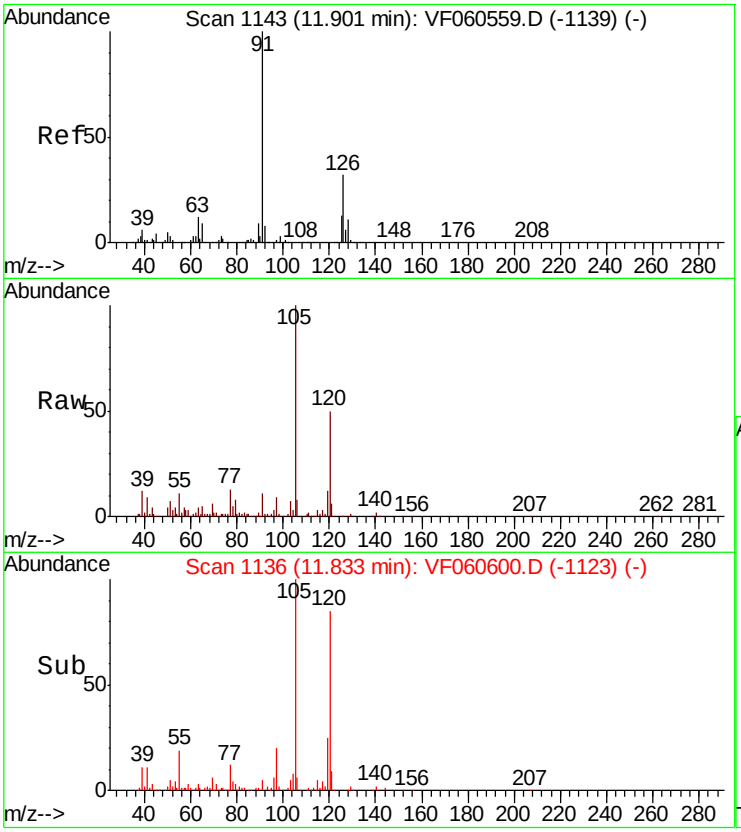


#81
trans-1,4-Dichloro-2-butene
Concen: 52.465 ug/l
RT: 11.83 min Scan# 1136
Delta R.T. -0.04 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion: 75 Resp: 3563

Ion	Ratio	Lower	Upper
75	100		
53	374.5	51.6	77.4#
89	164.4	36.7	55.1#



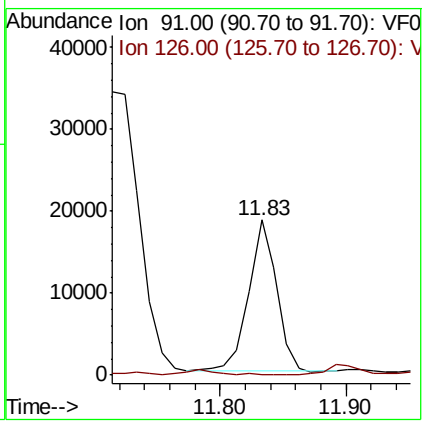


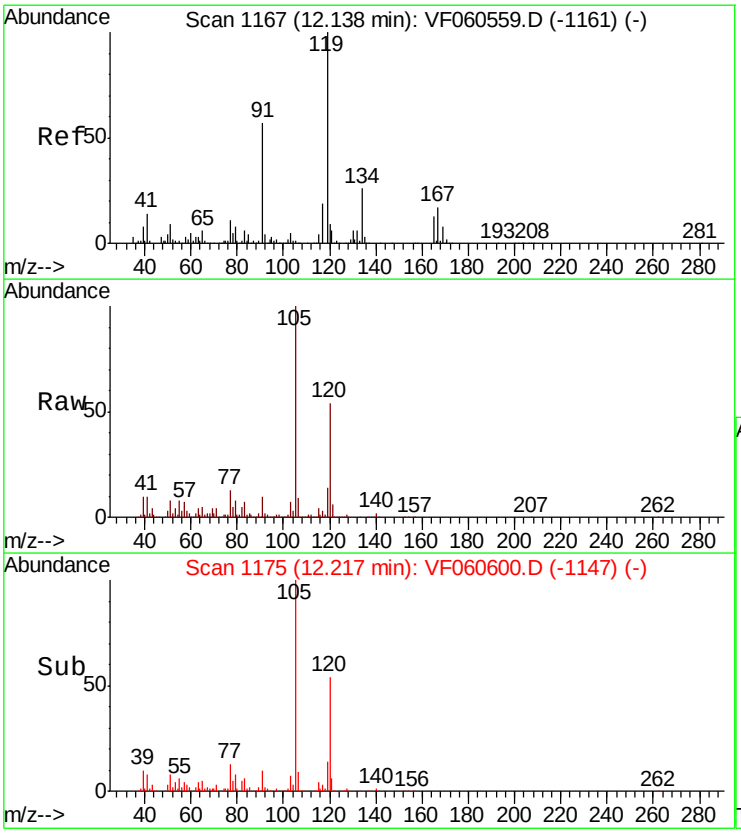
#82
4-Chlorotoluene
Concen: 42.850 ug/l
RT: 11.83 min Scan# 1136
Delta R.T. -0.07 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 28776

Ion	Ratio	Lower	Upper
91	100		
126	0.7	15.9	47.7#

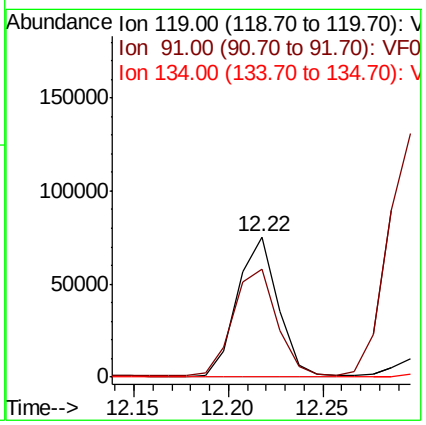


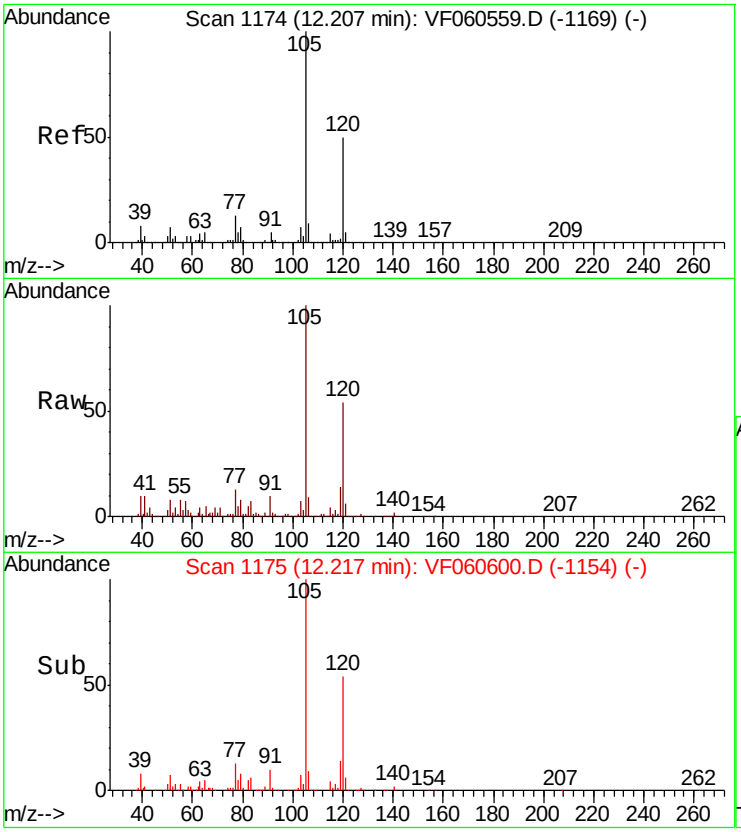


#83
tert-Butylbenzene
Concen: 139.243 ug/l
RT: 12.22 min Scan# 1175
Delta R.T. 0.08 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion:119 Resp: 112950

Ion	Ratio	Lower	Upper
119	100		
91	77.0	28.8	86.4
134	0.0	13.2	39.6#



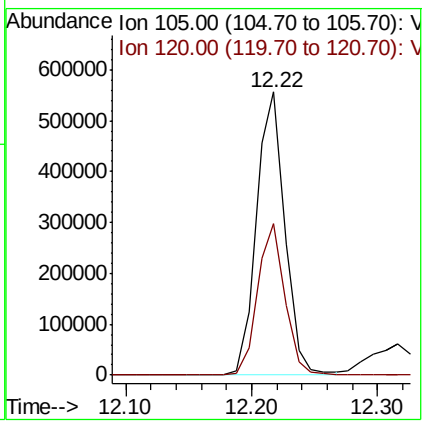


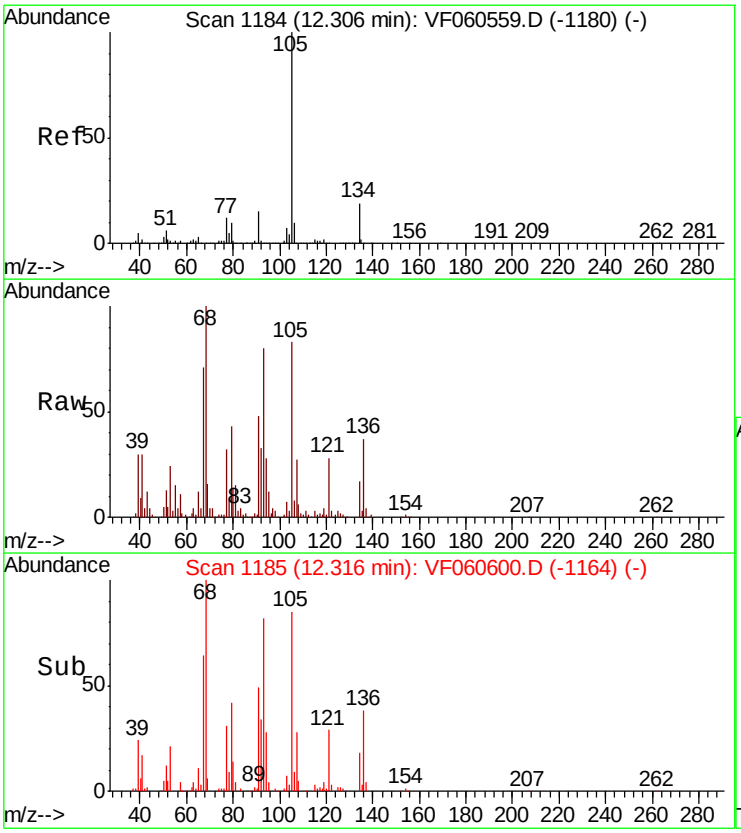
#84
1,2,4-Trimethylbenzene
Concen: 1119.110 ug/l
RT: 12.22 min Scan# 1175
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 870203

Ion	Ratio	Lower	Upper
105	100		
120	53.7	25.6	76.8

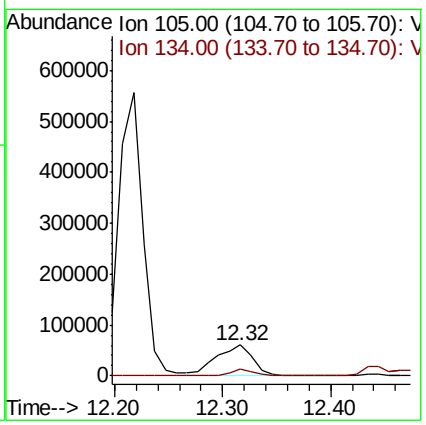


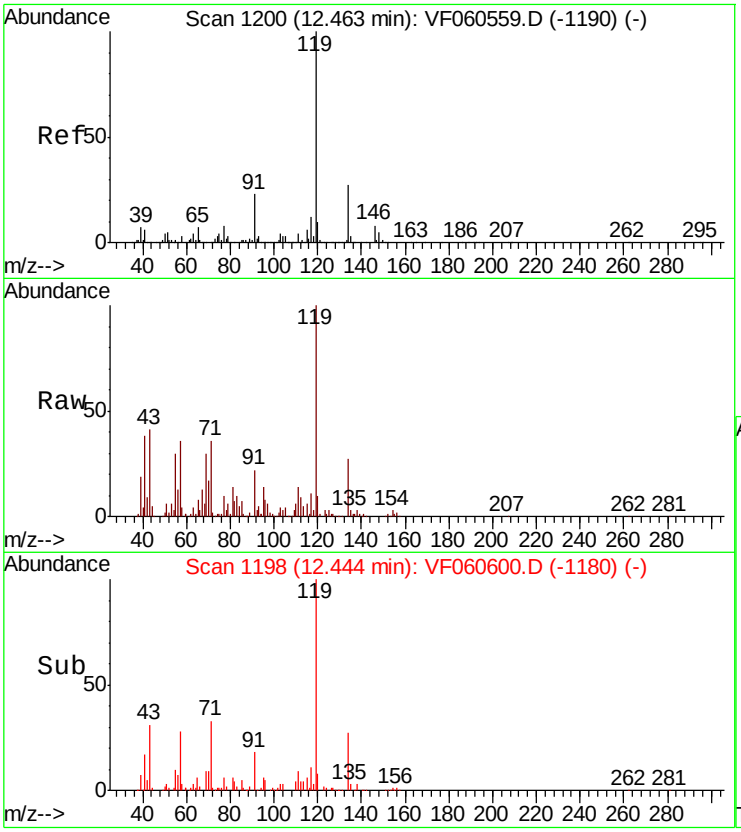


#85
sec-Butylbenzene
Concen: 126.788 ug/l
RT: 12.32 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion:105 Resp: 141479

Ion	Ratio	Lower	Upper
105	100		
134	20.8	9.7	29.1



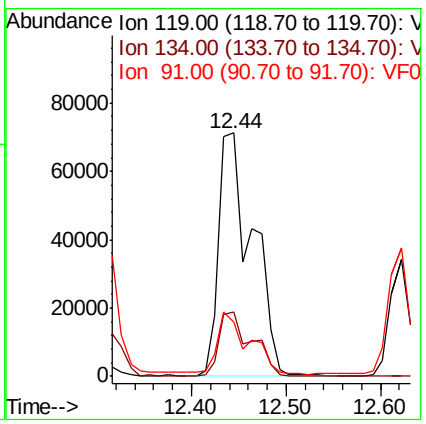


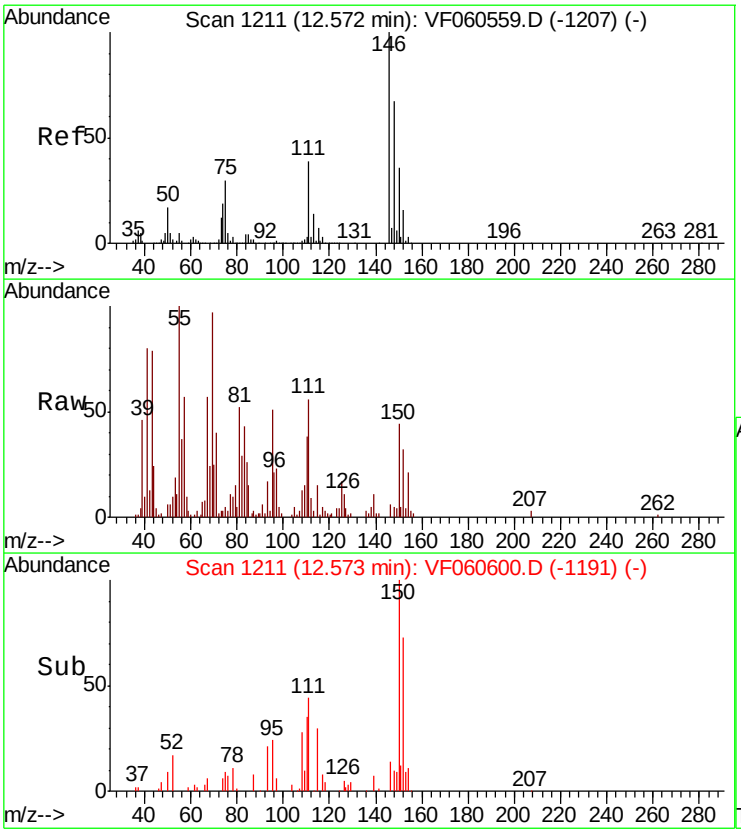
#86
p-Isopropyltoluene
Concen: 190.325 ug/l
RT: 12.44 min Scan# 1198
Delta R.T. -0.02 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:119 Resp: 174893

Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.6	40.7
91	22.5	11.4	34.2

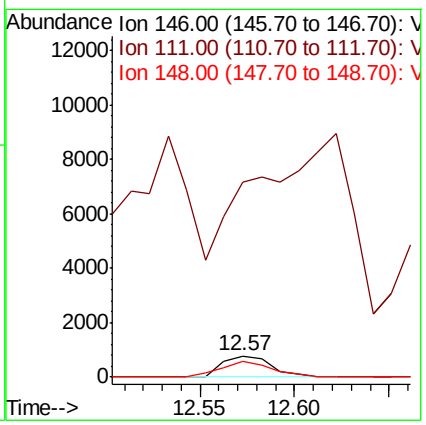


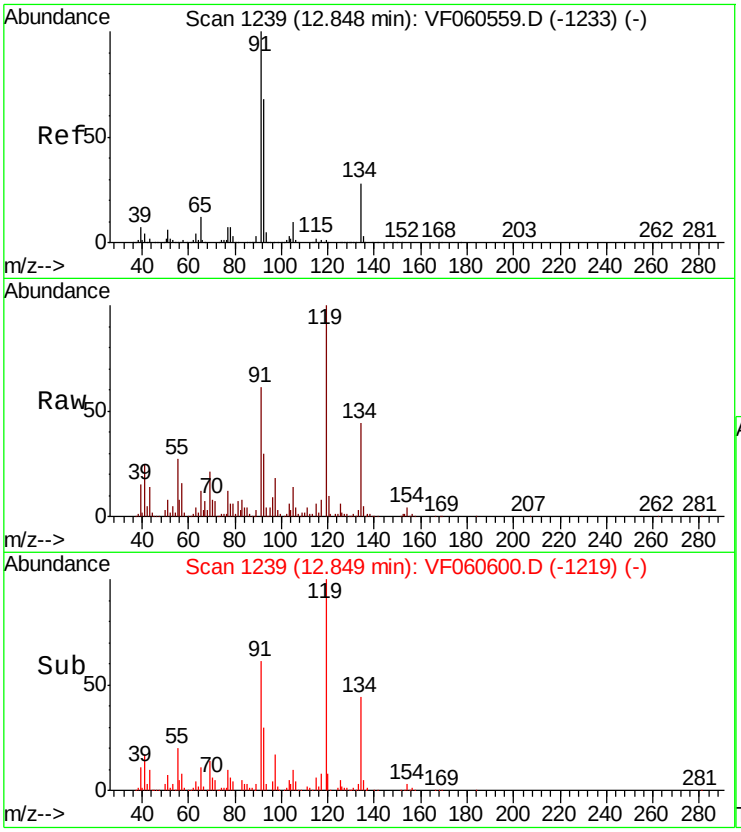


#88
1,4-Dichlorobenzene
Concen: 3.545 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. 0.00 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion:146 Resp: 1391

Ion	Ratio	Lower	Upper
146	100		
111	921.0	19.7	59.1#
148	74.6	33.7	101.1



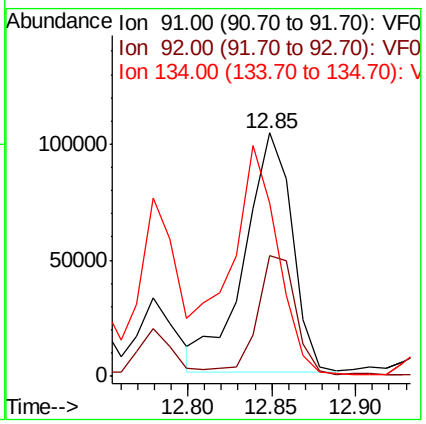


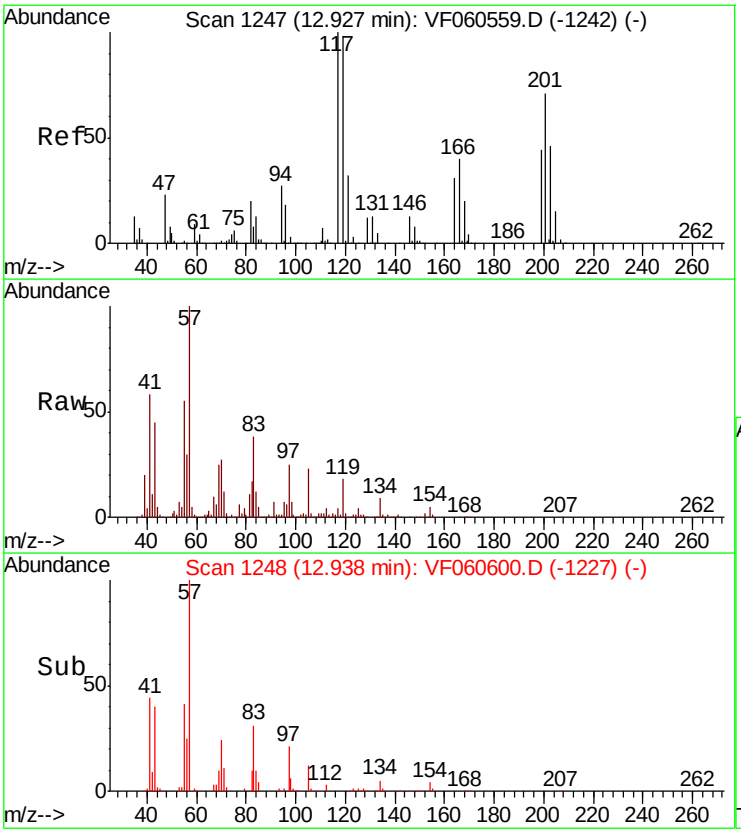
#89
n-Butylbenzene
Concen: Below Cal
RT: 12.85 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 203195

Ion	Ratio	Lower	Upper
91	100		
92	49.5	34.1	102.2
134	71.2	13.9	41.6#

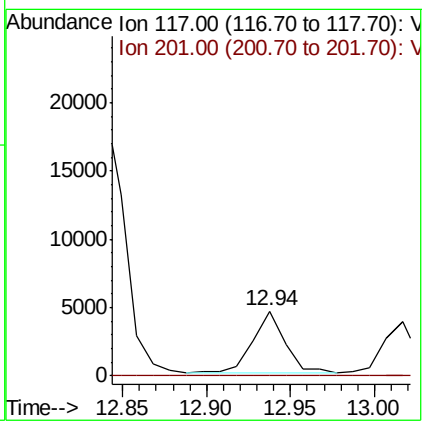


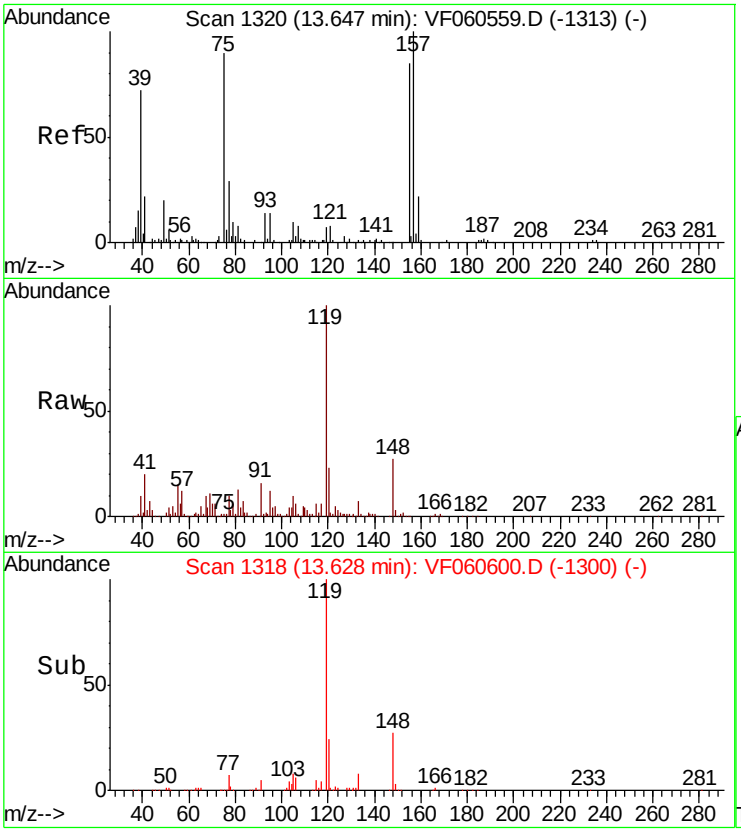


#90
Hexachloroethane
Concen: 25.590 ug/l
RT: 12.94 min Scan# 1248
Delta R.T. 0.01 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion:117 Resp: 5980

Ion	Ratio	Lower	Upper
117	100		
201	0.0	35.2	105.6#



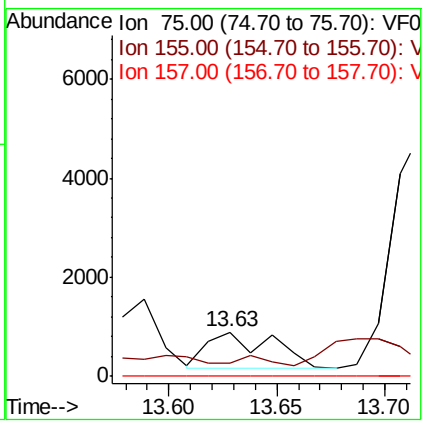


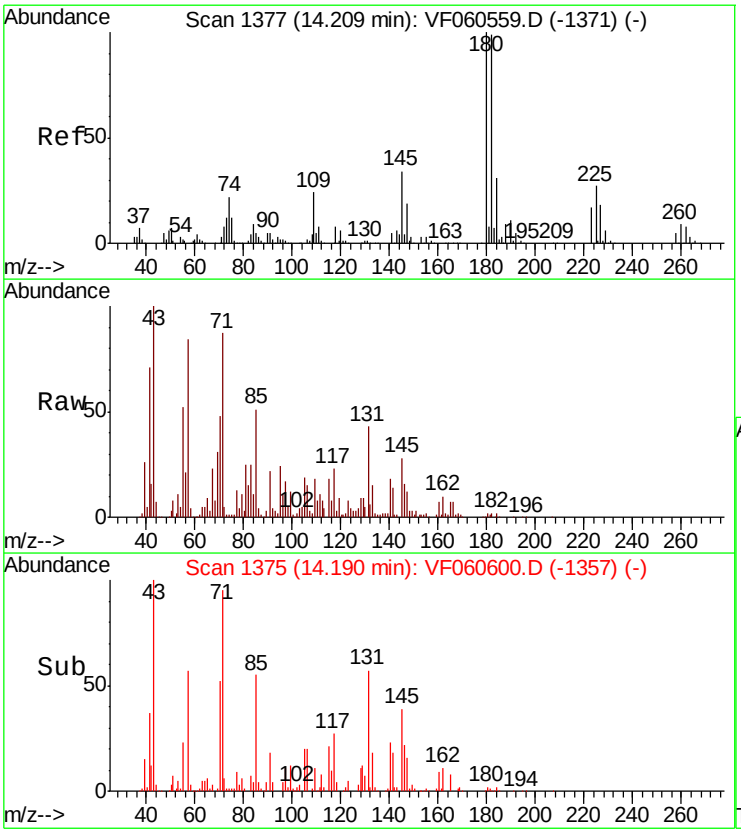
#92
1,2-Dibromo-3-Chloropropane
Concen: 49.332 ug/l
RT: 13.63 min Scan# 1318
Delta R.T. -0.02 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 1507

Ion	Ratio	Lower	Upper
75	100		
155	29.3	47.3	141.8#
157	0.0	55.3	165.9#

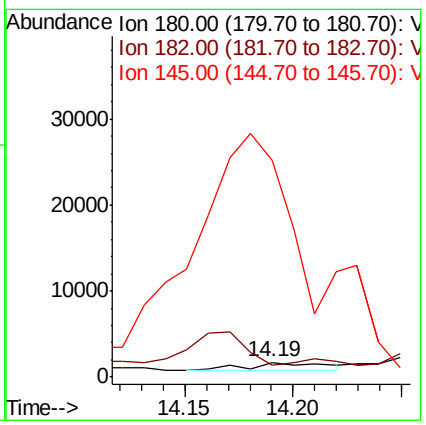


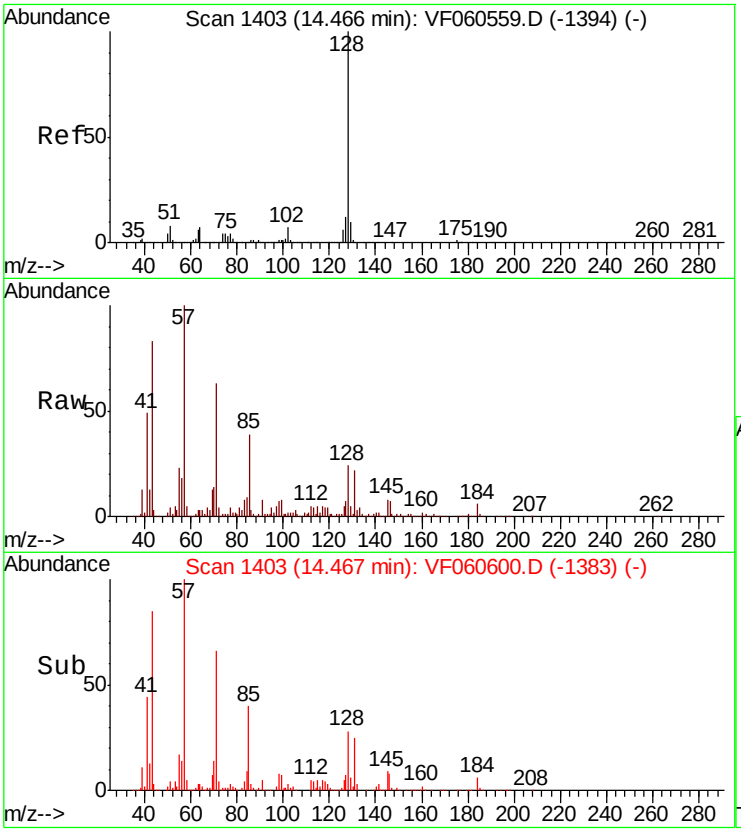


#93
1,2,4-Trichlorobenzene
Concen: 9.249 ug/l
RT: 14.19 min Scan# 1375
Delta R.T. -0.02 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion:180 Resp: 2432

Ion	Ratio	Lower	Upper
180	100		
182	81.3	49.7	149.1
145	1449.2	16.9	50.7#



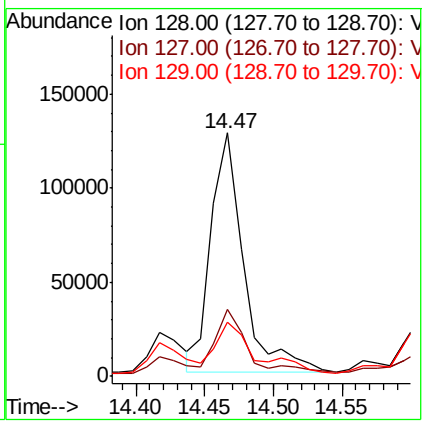


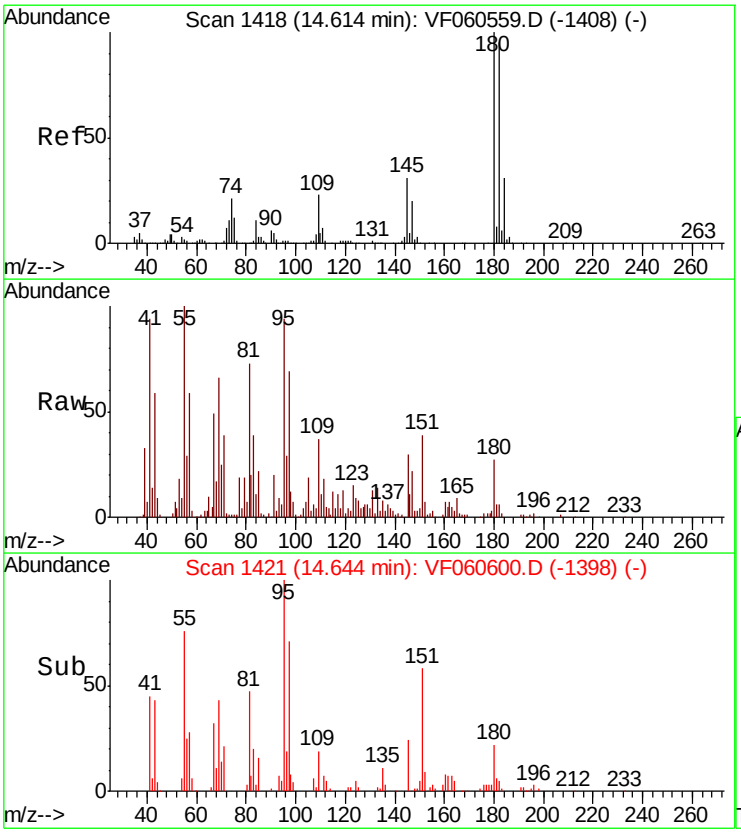
#95
Naphthalene
Concen: 395.581 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. 0.00 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 208195

Ion	Ratio	Lower	Upper
128	100		
127	27.4	9.4	14.0#
129	22.0	8.4	12.6#





#96
1,2,3-Trichlorobenzene
Concen: 119.116 ug/l
RT: 14.64 min Scan# 1421
Delta R.T. 0.03 min
Lab File: VF060600.D
Acq: 6 Nov 2018 7:40

Tgt Ion:180 Resp: 29588

Ion	Ratio	Lower	Upper
180	100		
182	23.8	47.3	142.0#
145	113.5	15.6	46.8#