Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF102618\
Data File : VF060519.D
Acq On : 26 Oct 2018 16:32
Operator : VA/AP
Sample : J5515-03
Misc : 5.78/5mL/MSVOA_F/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AOC1-03A

Quant Time: Oct 27 01:50:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 26 02:17:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.05	168	175558	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.77	114	296465	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.91	117	229608	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	106335	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.03	65	205938	59.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 118.04%				
35) Dibromofluoromethane	4.30	113	170368	47.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.88%				
50) Toluene-d8	7.72	98	312776	43.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.72%				
62) 4-Bromofluorobenzene	11.51	95	140689	35.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 70.84%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.02	85	1174	Below Cal	#		61
11) Tert butyl alcohol	2.67	59	710	Below Cal	#		1
13) Acrolein	2.09	56	23135	149.070	ug/l	#	1
14) Allyl chloride	2.28	41	196475	49.110	ug/l	#	27
15) Acrylonitrile	3.06	53	46686	166.210	ug/l	#	51
16) Acetone	2.28	43	39789	33.226	ug/l	#	90
18) Methyl Acetate	2.48	43	84604	73.834	ug/l	#	64
20) Methylene Chloride	2.29	84	5340	Below Cal	#		55
23) Vinyl Acetate	3.31	43	7667	3.416	ug/l	#	91
25) 2-Butanone	4.51	43	66166	106.779	ug/l	#	76
29) Tetrahydrofuran	4.19	42	70578	329.413	ug/l	#	1
31) Cyclohexane	3.87	56	114407	42.819	ug/l		93
37) Ethyl Acetate	4.19	43	333890	306.378	ug/l	#	1
39) Methylcyclohexane	5.63	83	462539	129.169	ug/l		95
40) Benzene	4.81	78	57690	7.991	ug/l		96
41) Methacrylonitrile	4.85	41	151411	205.803	ug/l	#	58
43) Isopropyl Acetate	7.18	43	11637	7.696	ug/l	#	52
48) Methyl methacrylate	6.98	41	172648	151.458	ug/l	#	44
49) 1,4-Dioxane	6.87	88	60	6.109	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.43	43	45456	38.480	ug/l	#	58
52) Toluene	7.78	92	4782	1.007	ug/l		85
55) 1,1,2-Trichloroethane	8.53	97	26083	17.356	ug/l	#	43
56) Ethyl methacrylate	8.77	69	66009	41.182	ug/l	#	76
58) 2-Chloroethyl Vinyl ether	7.78	63	1799	8.117	ug/l		100
59) 2-Hexanone	9.63	43	22264	5.240	ug/l		85
67) Ethyl Benzene	10.04	91	40172	4.075	ug/l		92
68) m/p-Xylenes	10.27	106	27735	8.962	ug/l		100
69) o-Xylene	10.83	106	8077	2.327	ug/l		76
73) Isopropylbenzene	11.23	105	741336	87.762	ug/l		99
74) N-amyl acetate	11.46	43	17870	11.913	ug/l	#	71
75) 1,1,2,2-Tetrachloroethane	11.77	83	2601	2.137	ug/l	#	44
78) n-propylbenzene	11.69	91	1887092	191.089	ug/l		96
79) 2-Chlorotoluene	11.69	91	1882987	314.641	ug/l	#	46
80) 1,3,5-Trimethylbenzene	11.82	105	65594	8.842	ug/l		83

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF102618\
Data File : VF060519.D
Acq On : 26 Oct 2018 16:32
Operator : VA/AP
Sample : J5515-03
Misc : 5.78/5mL/MSVOA_F/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AOC1-03A

Quant Time: Oct 27 01:50:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 26 02:17:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.98	75	689	1.541	ug/l	#	8
83) tert-Butylbenzene	12.21	119	10986	1.466	ug/l		97
84) 1,2,4-Trimethylbenzene	12.29	105	17770	2.417	ug/l		90
85) sec-Butylbenzene	12.39	105	342355	34.043	ug/l	#	73
86) p-Isopropyltoluene	12.51	119	11187	1.309	ug/l		96
89) n-Butylbenzene	12.92	91	394713	43.431	ug/l		96
90) Hexachloroethane	12.87	117	43792	19.534	ug/l	#	20
92) 1,2-Dibromo-3-Chloropropan	13.71	75	1937	6.243	ug/l	#	15
95) Naphthalene	14.52	128	72182	16.372	ug/l	#	53
96) 1,2,3-Trichlorobenzene	14.67	180	3838	1.493	ug/l	#	1

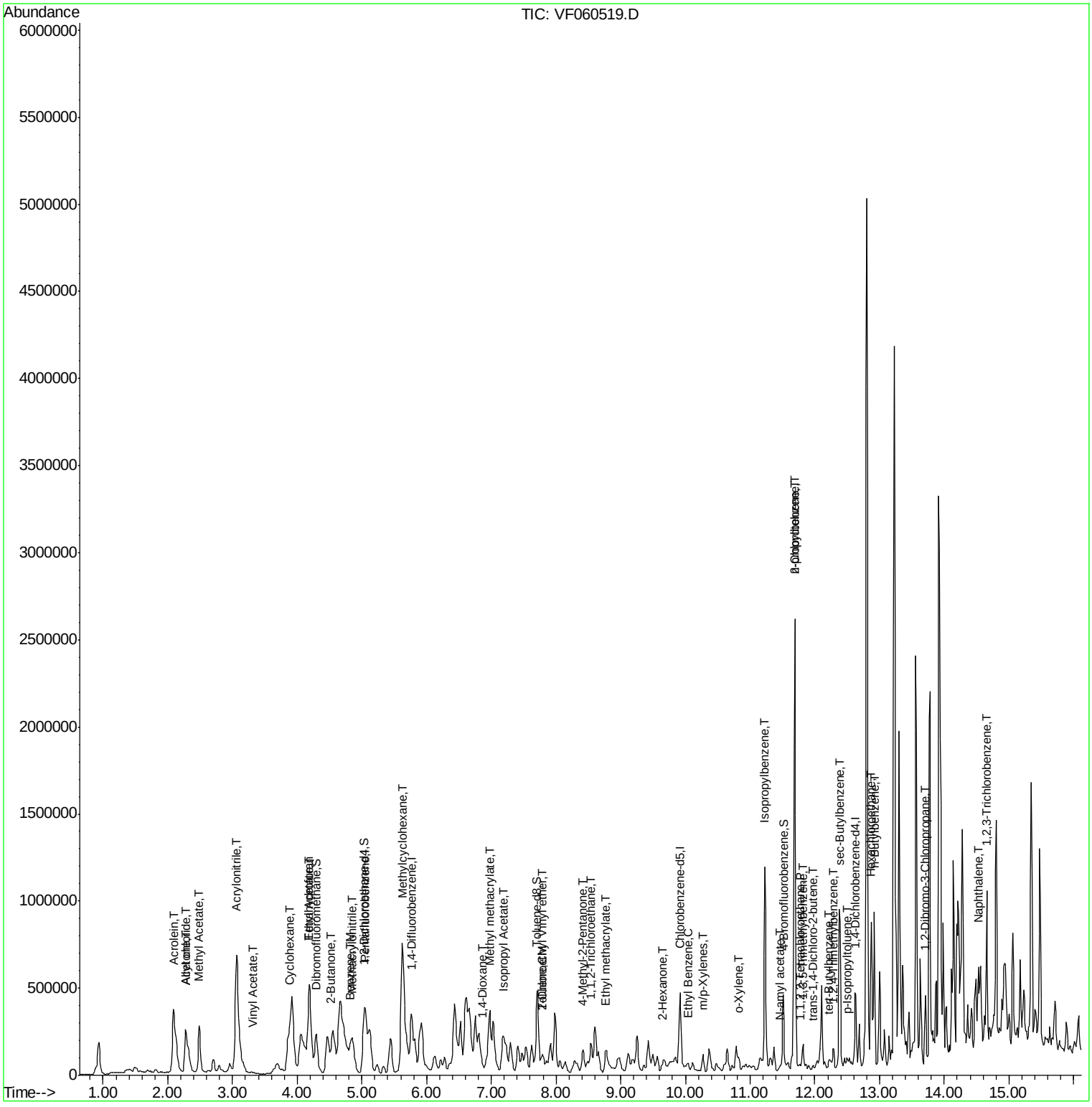
(#) = qualifier out of range (m) = manual integration (+) = signals summed

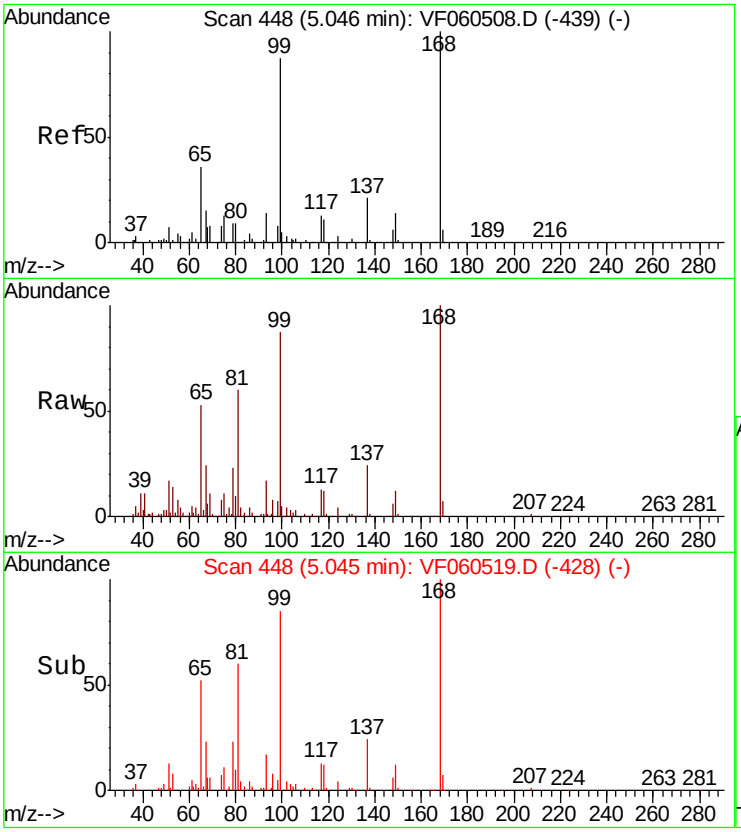
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102618\
Data File : VF060519.D
Acq On : 26 Oct 2018 16:32
Operator : VA/AP
Sample : J5515-03
Misc : 5.78/5mL/MSVOA F/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
AOC1-03A

Quant Time: Oct 27 01:50:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 26 02:17:41 2018
Response via : Initial Calibration



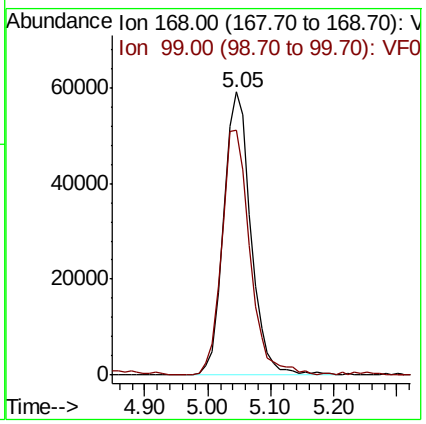


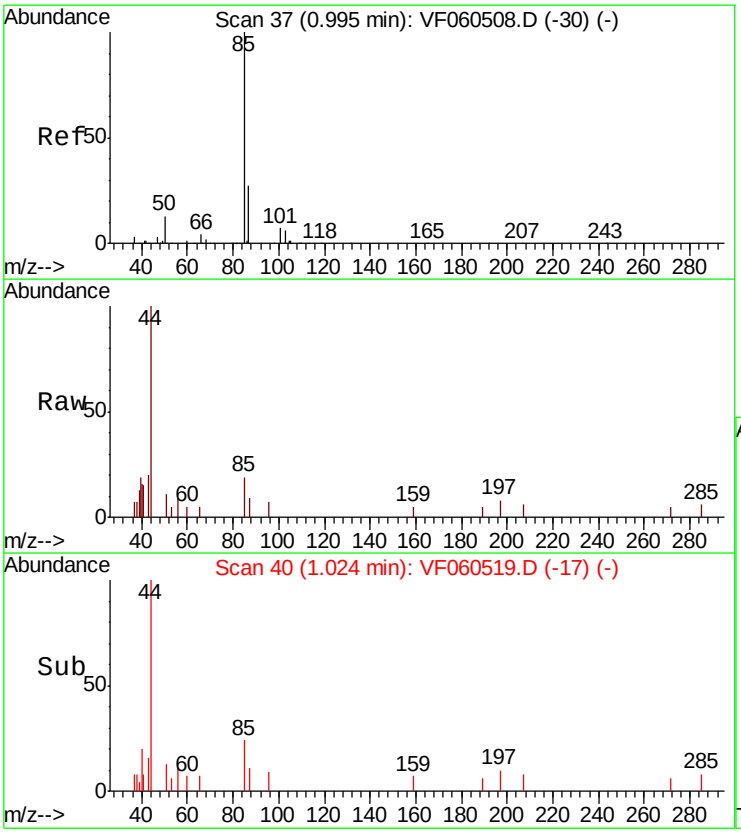
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 448
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
AOC1-03A

Tgt Ion:168 Resp: 175558

Ion	Ratio	Lower	Upper
168	100		
99	86.5	69.9	104.9

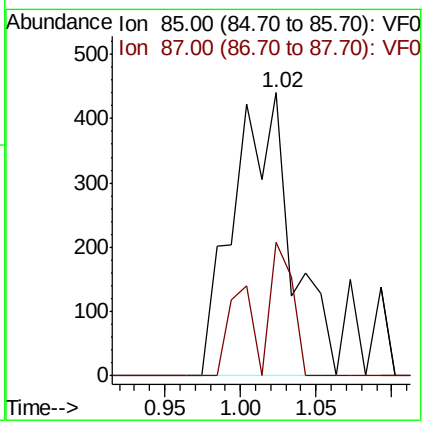


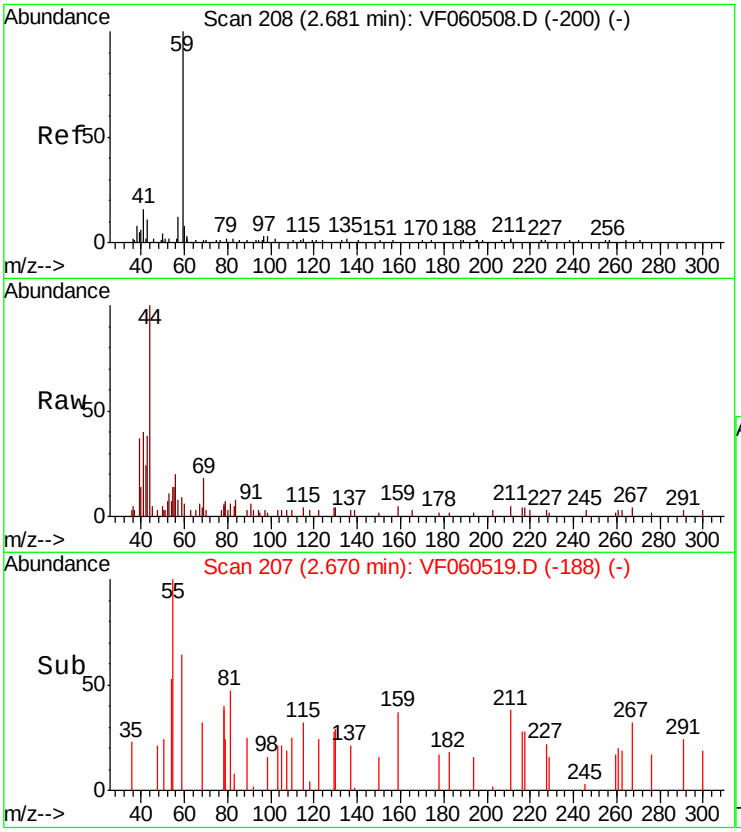


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.02 min Scan# 40
Delta R.T. 0.03 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 85 Resp: 1174

Ion	Ratio	Lower	Upper
85	100		
87	47.3	13.5	40.4#



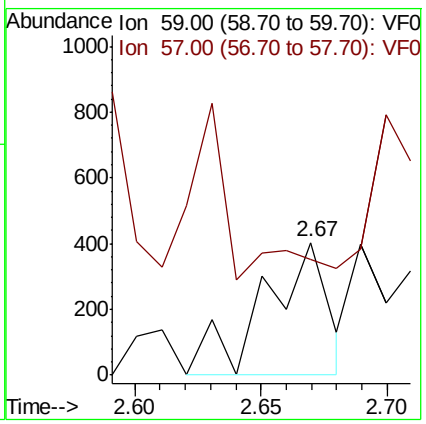


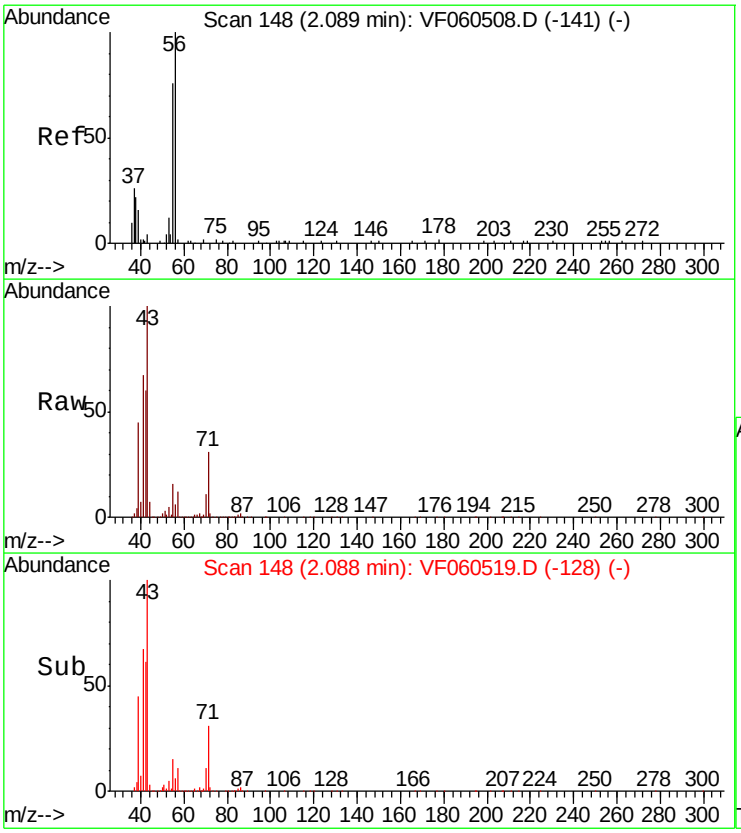
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.67 min Scan# 207
Delta R.T. -0.01 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument : MSVOA_F
ClientSampleId : AOC1-03A

Tgt Ion: 59 Resp: 710

Ion	Ratio	Lower	Upper
59	100		
57	87.4	15.8	23.8#

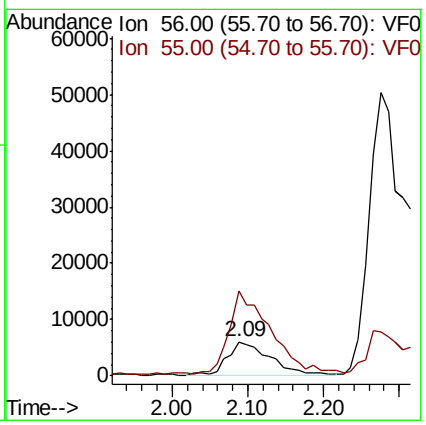


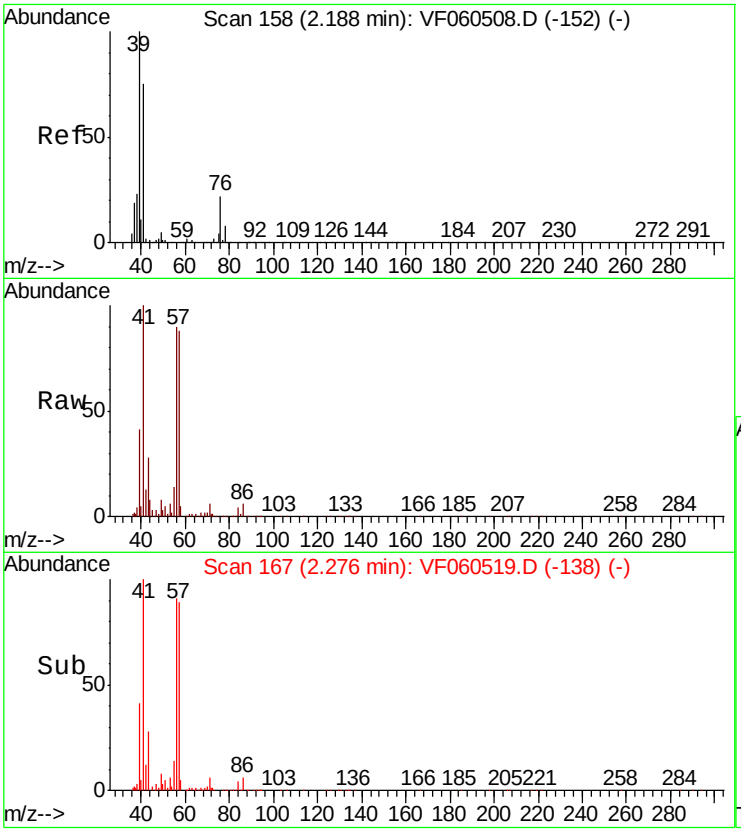


#13
Acrolein
Concen: 149.070 ug/l
RT: 2.09 min Scan# 148
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 56 Resp: 23135

Ion	Ratio	Lower	Upper
56	100		
55	248.6	63.0	94.4#



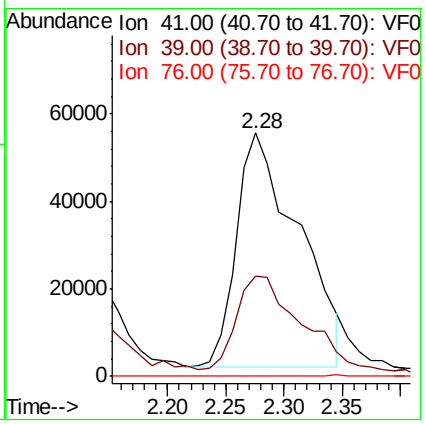


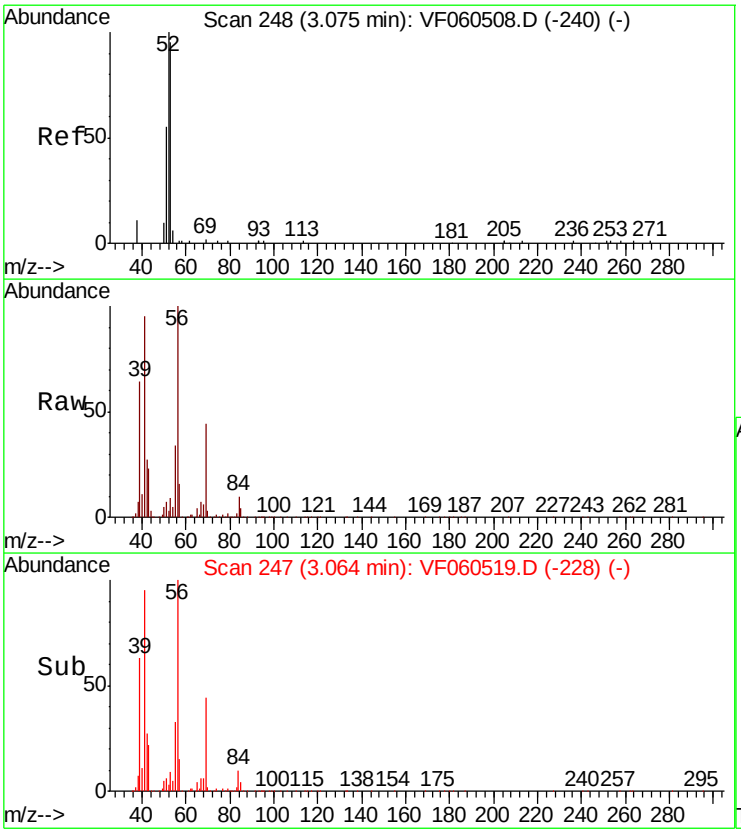
#14
Allyl chloride
Concen: 49.110 ug/l
RT: 2.28 min Scan# 167
Delta R.T. 0.09 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument : MSVOA_F
ClientSampleId : AOC1-03A

Tgt Ion: 41 Resp: 196475

Ion	Ratio	Lower	Upper
41	100		
39	41.3	106.0	159.0#
76	0.0	24.1	36.1#

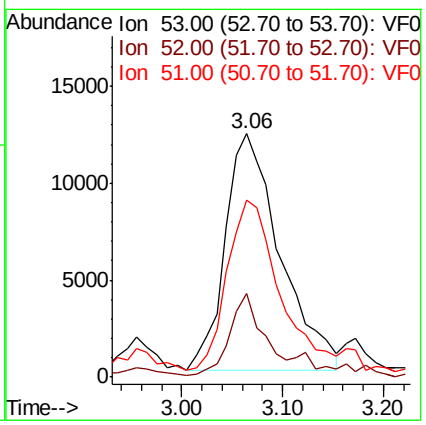


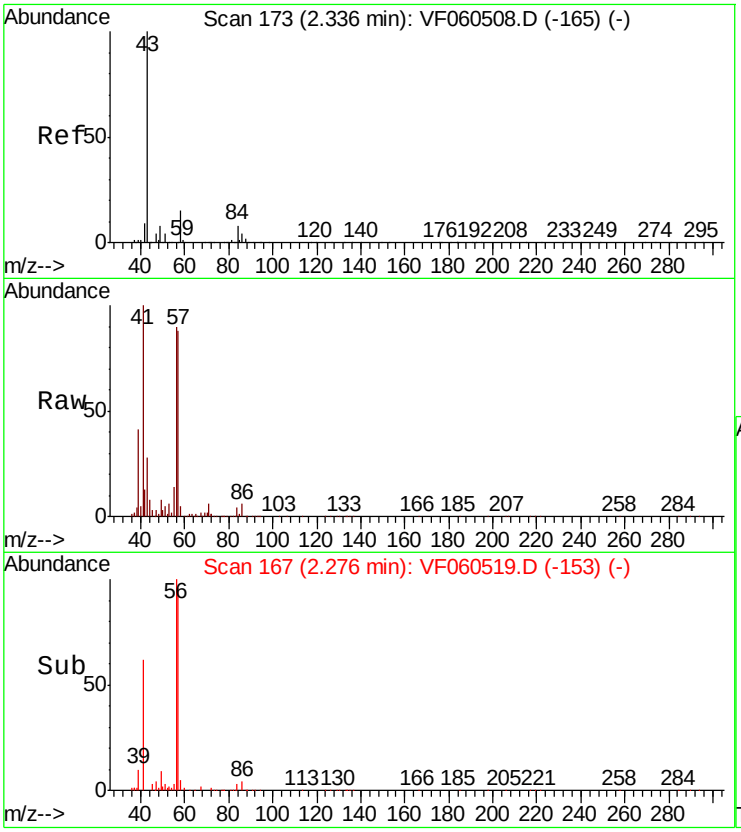


#15
Acrylonitrile
Concen: 166.210 ug/l
RT: 3.06 min Scan# 247
Delta R.T. -0.01 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 53 Resp: 46686

Ion	Ratio	Lower	Upper
53	100		
52	34.6	84.0	126.0#
51	72.5	48.6	73.0



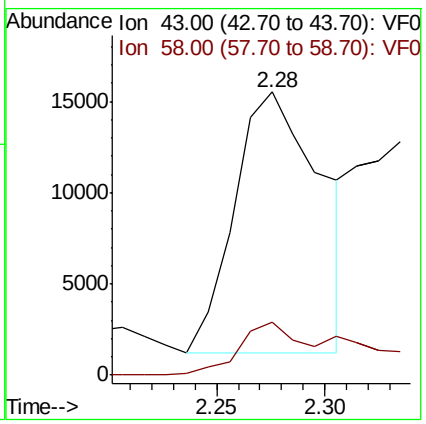


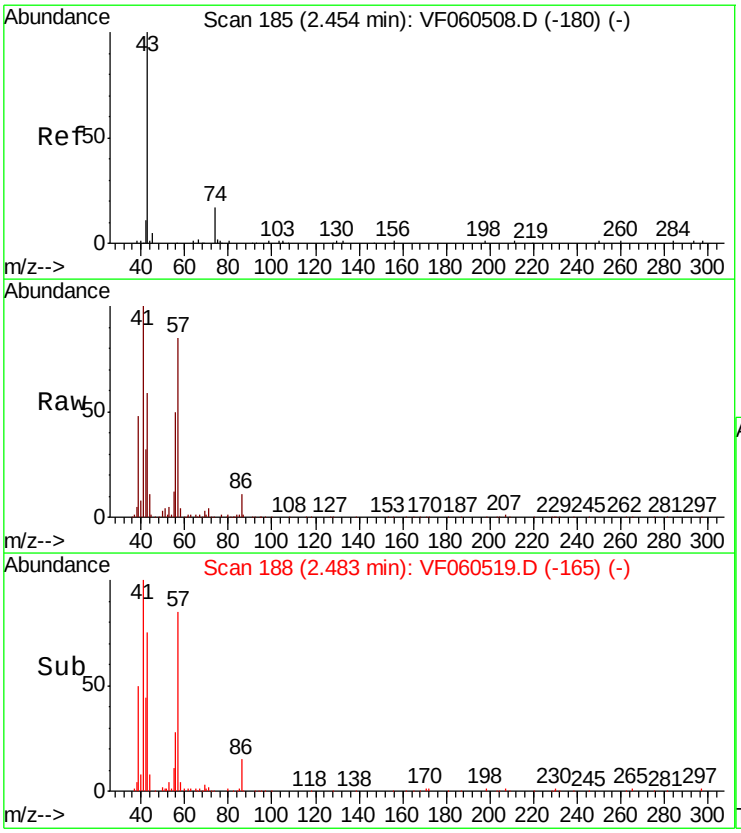
#16
Acetone
Concen: 33.226 ug/l
RT: 2.28 min Scan# 167
Delta R.T. -0.06 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument : MSVOA_F
ClientSampleId : AOC1-03A

Tgt Ion: 43 Resp: 39789

Ion	Ratio	Lower	Upper
43	100		
58	18.5	11.7	17.5#

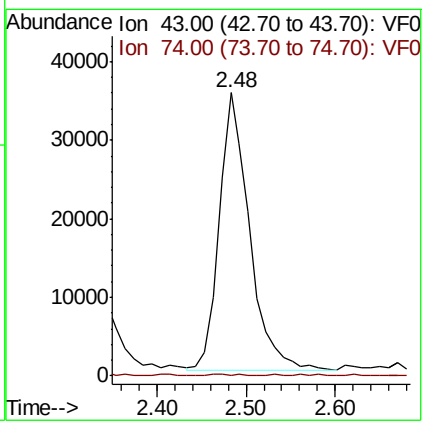


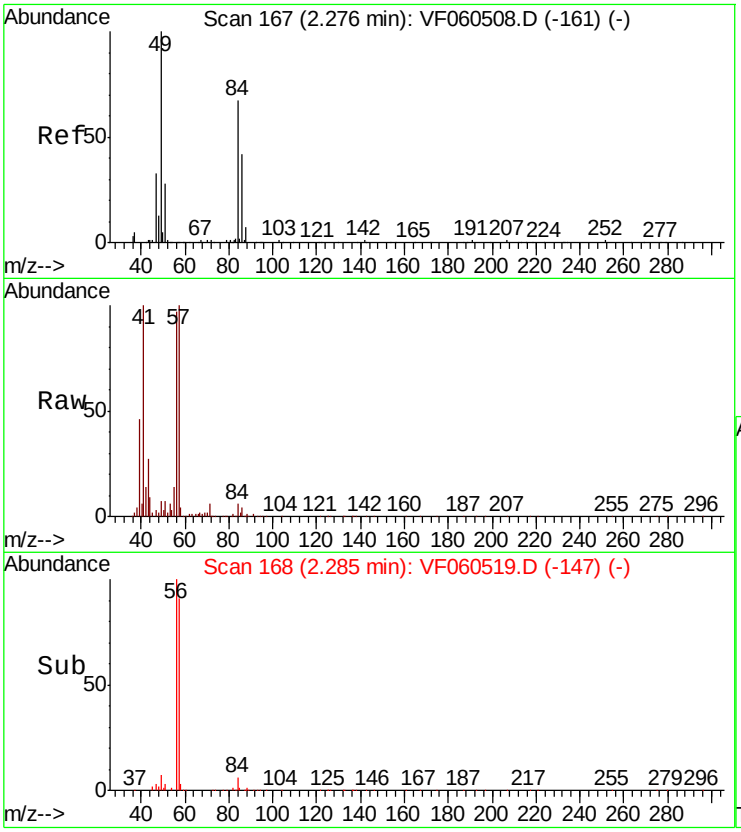


#18
Methyl Acetate
Concen: 73.834 ug/l
RT: 2.48 min Scan# 188
Delta R.T. 0.03 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 43 Resp: 84604

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#



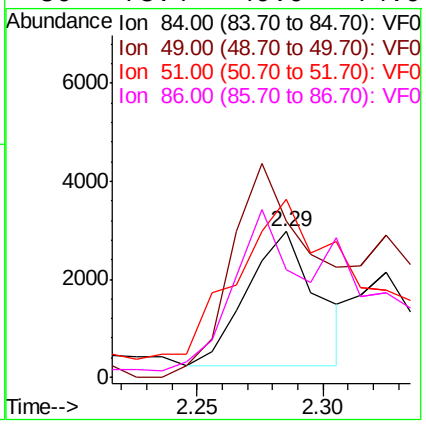


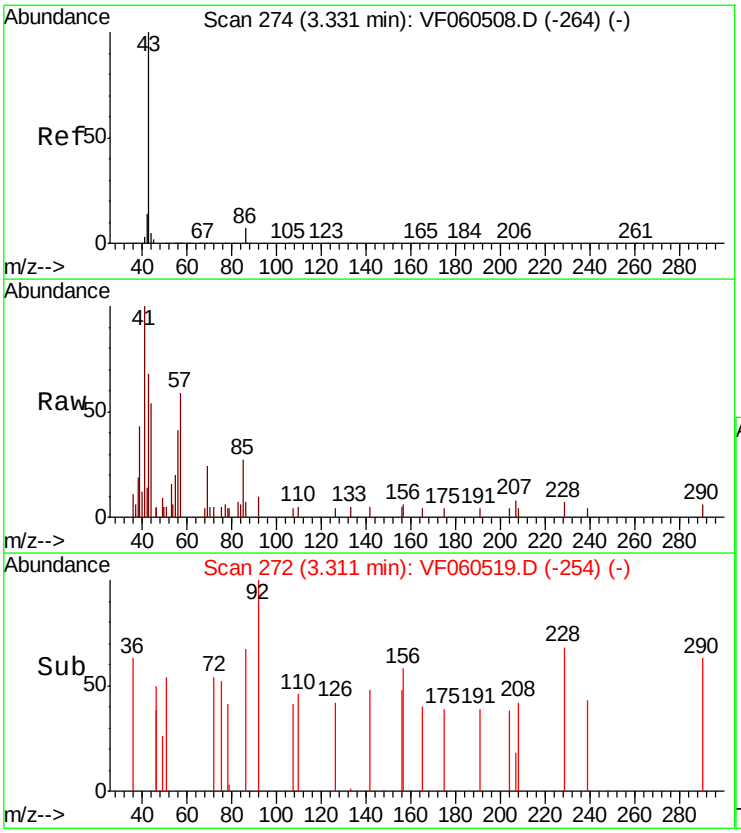
#20
Methylene Chloride
Concen: Below Cal
RT: 2.29 min Scan# 168
Delta R.T. 0.01 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument : MSVOA_F
ClientSampleId : AOC1-03A

Tgt Ion: 84 Resp: 5340

Ion	Ratio	Lower	Upper
84	100		
49	106.9	123.1	184.7#
51	122.3	35.3	52.9#
86	73.4	49.9	74.9

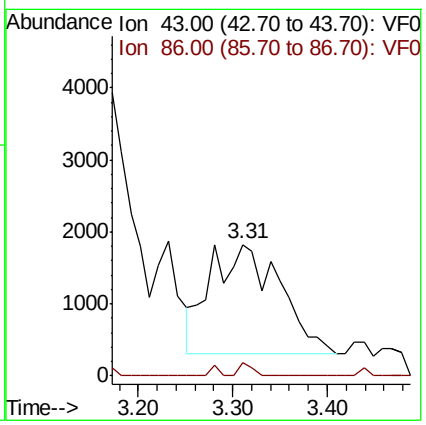


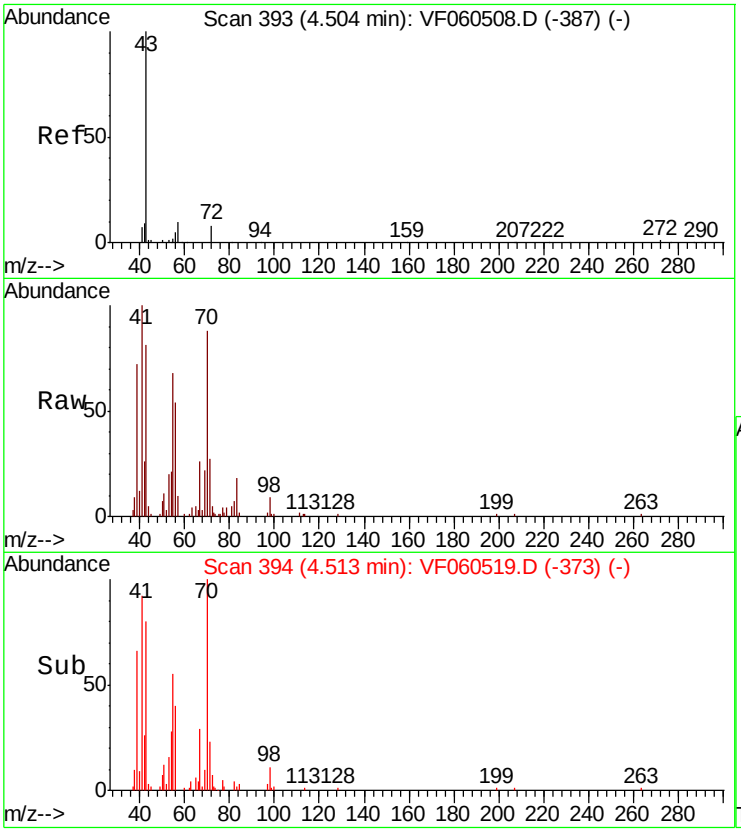


#23
Vinyl Acetate
Concen: 3.416 ug/l
RT: 3.31 min Scan# 272
Delta R.T. -0.02 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 43 Resp: 7667

Ion	Ratio	Lower	Upper
43	100		
86	9.8	5.3	7.9#



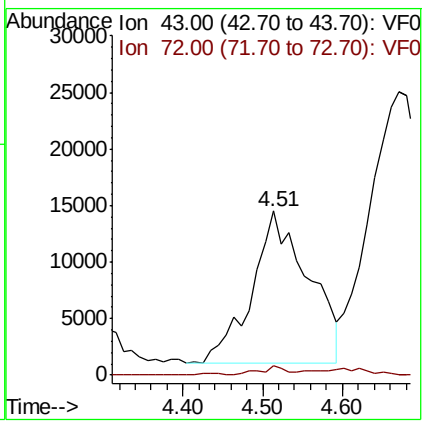


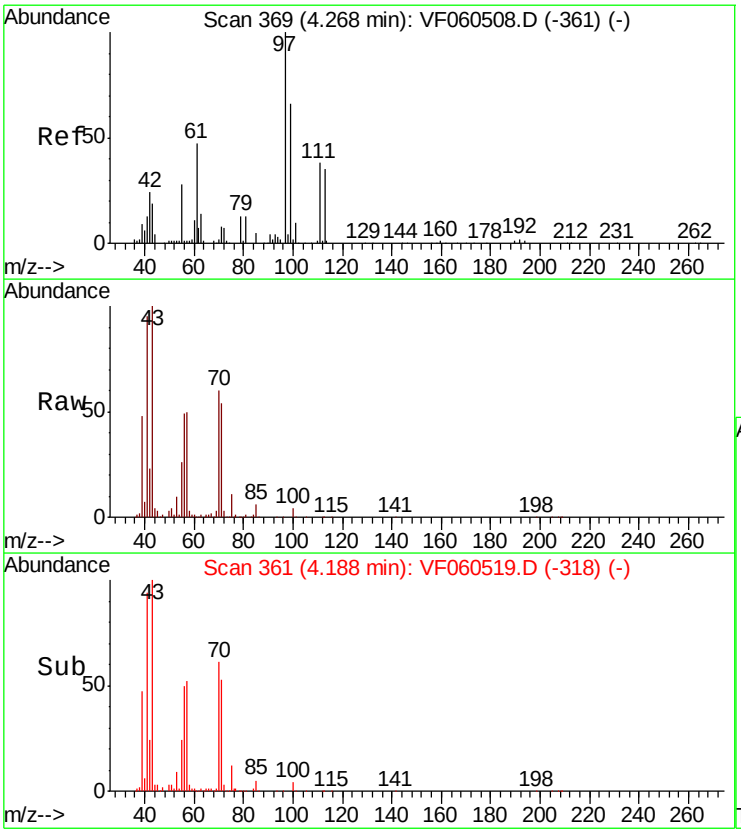
#25
2-Butanone
Concen: 106.779 ug/l
RT: 4.51 min Scan# 394
Delta R.T. 0.01 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument : MSVOA_F
ClientSampleId : AOC1-03A

Tgt Ion: 43 Resp: 66166

Ion	Ratio	Lower	Upper
43	100		
72	5.9	13.0	19.6#

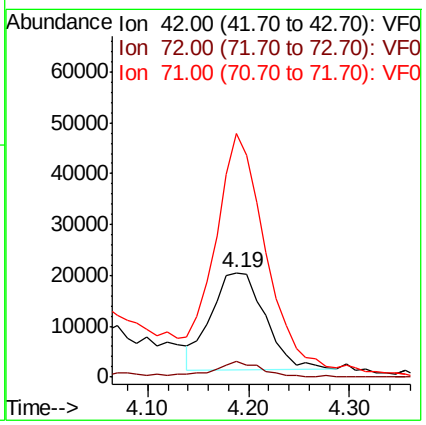


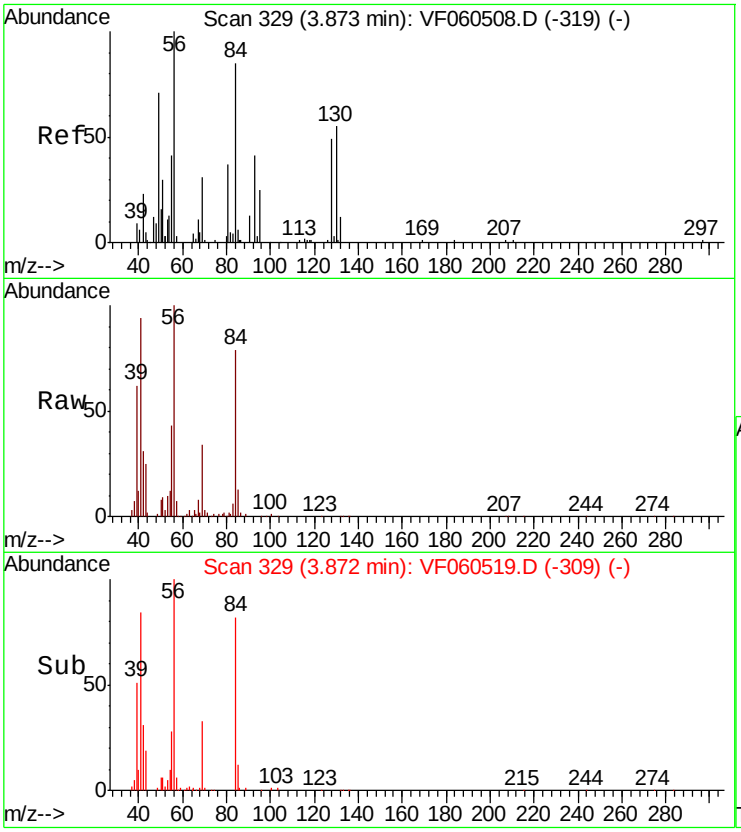


#29
Tetrahydrofuran
Concen: 329.413 ug/l
RT: 4.19 min Scan# 361
Delta R.T. -0.08 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 42 Resp: 70578

Ion	Ratio	Lower	Upper
42	100		
72	15.0	32.1	48.1#
71	251.0	29.7	44.5#



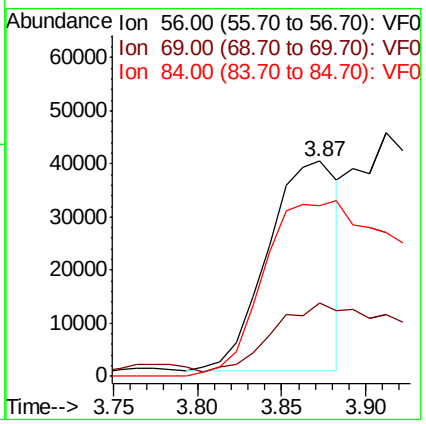


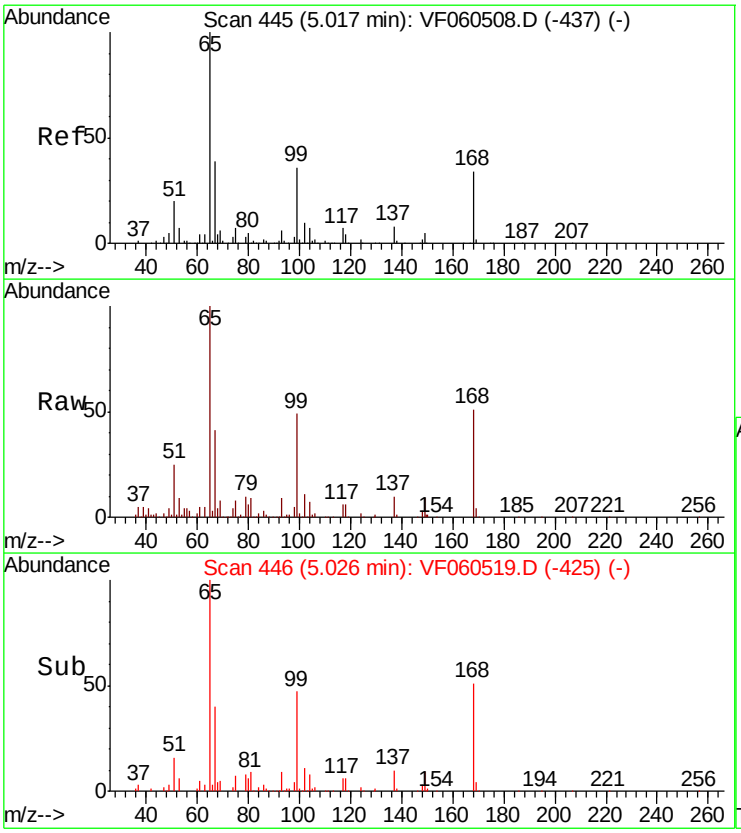
#31
Cyclohexane
Concen: 42.819 ug/l
RT: 3.87 min Scan# 329
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
AOC1-03A

Tgt Ion: 56 Resp: 114407

Ion	Ratio	Lower	Upper
56	100		
69	34.2	24.6	37.0
84	79.1	68.2	102.2

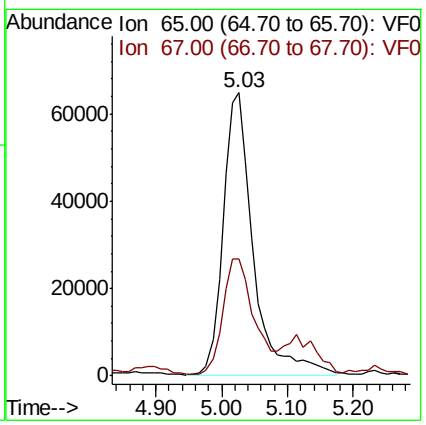


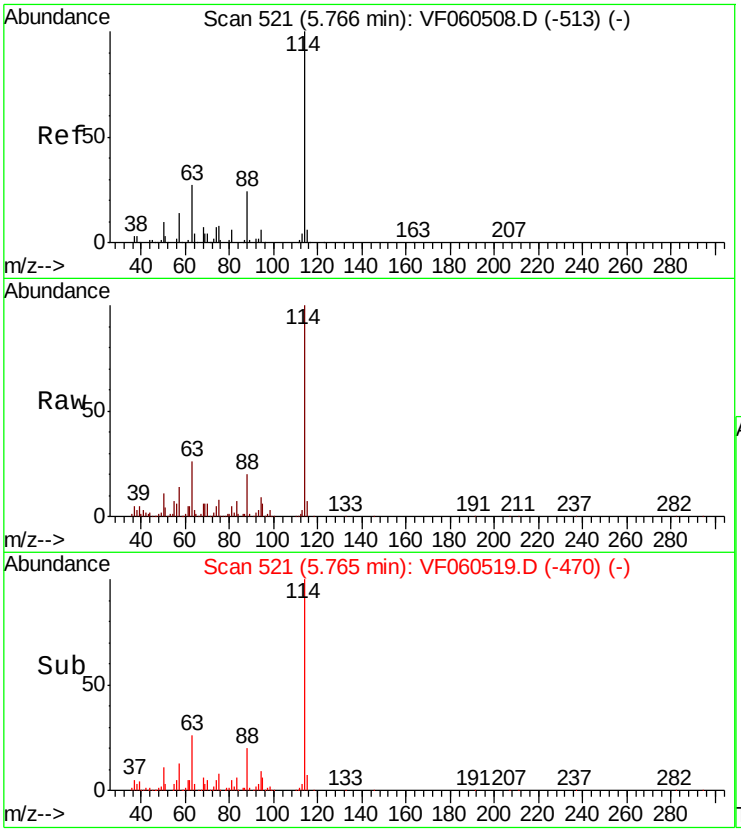


#33
1,2-Dichloroethane-d4
Concen: 59.020 ug/l
RT: 5.03 min Scan# 446
Delta R.T. 0.01 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 65 Resp: 205938

Ion	Ratio	Lower	Upper
65	100		
67	41.2	0.0	85.8



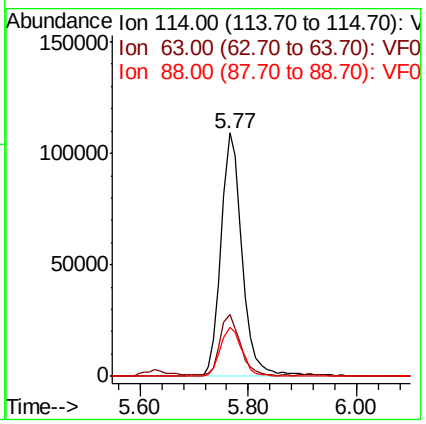


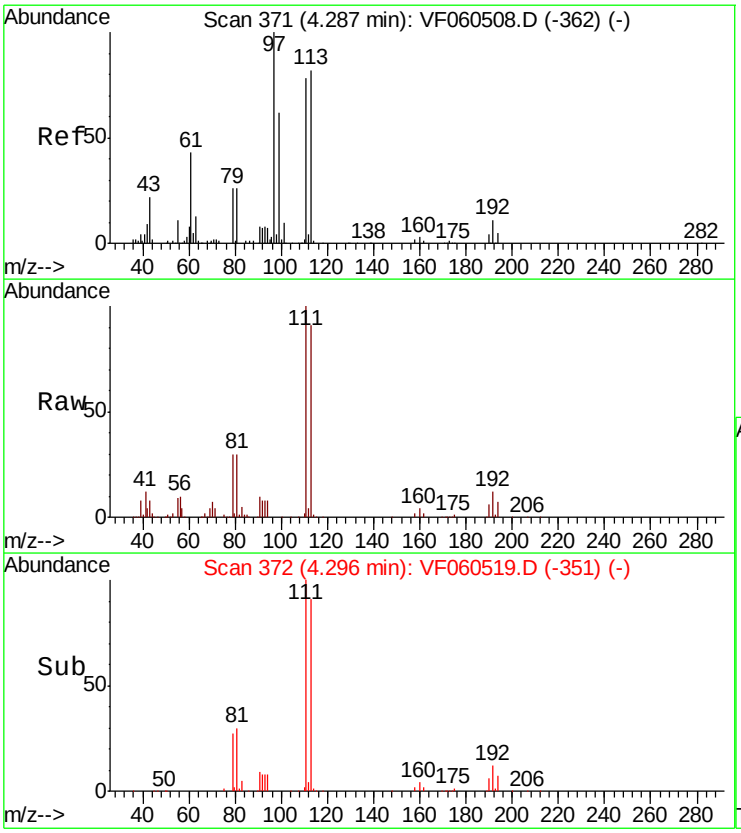
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 521
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
AOC1-03A

Tgt Ion:114 Resp: 296465

Ion	Ratio	Lower	Upper
114	100		
63	25.6	0.0	54.4
88	20.1	0.0	47.2

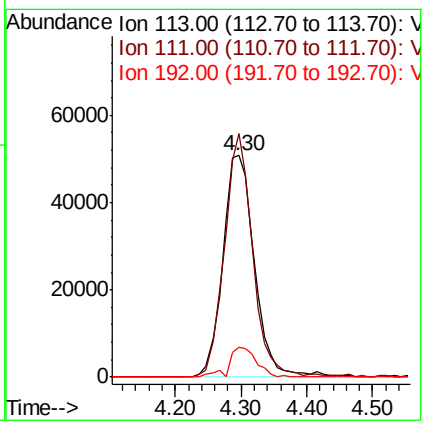


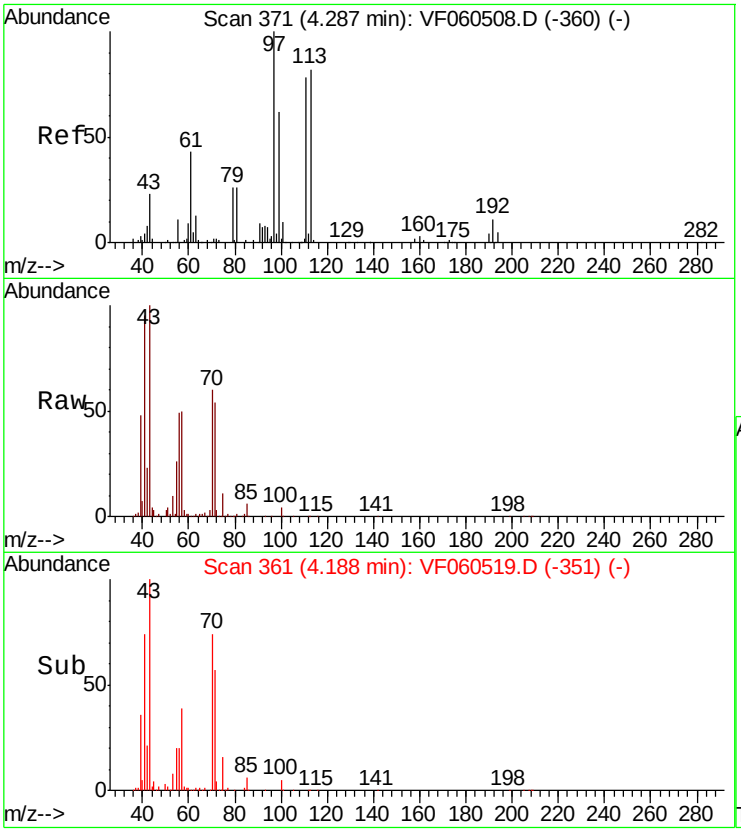


#35
Dibromofluoromethane
Concen: 47.942 ug/l
RT: 4.30 min Scan# 372
Delta R.T. 0.01 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion:113 Resp: 170368

Ion	Ratio	Lower	Upper
113	100		
111	109.8	75.9	113.9
192	13.2	10.6	15.8



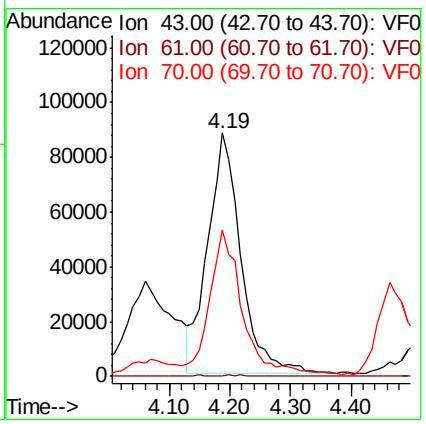


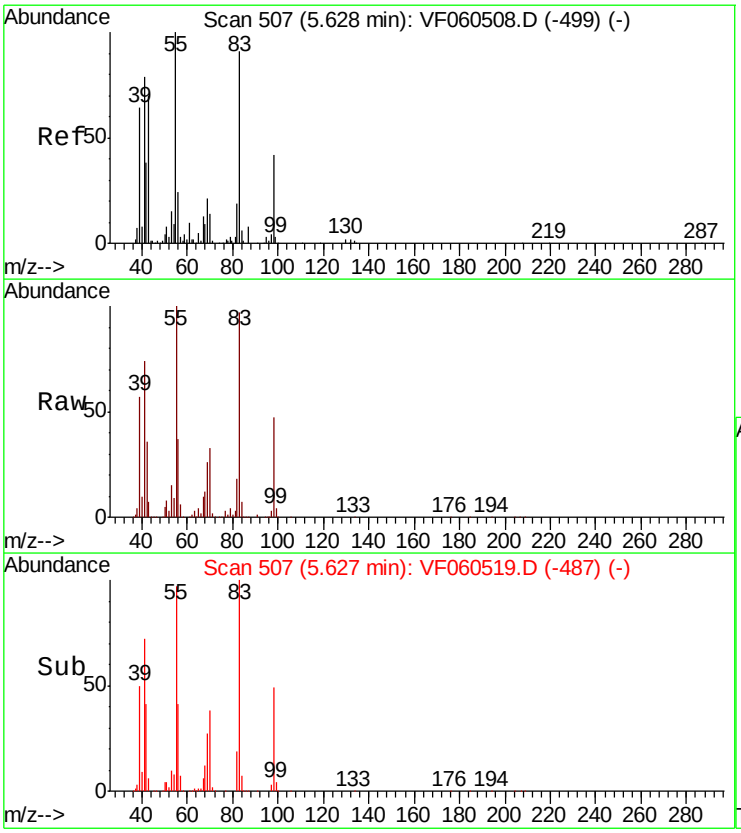
#37
Ethyl Acetate
Concen: 306.378 ug/l
RT: 4.19 min Scan# 361
Delta R.T. -0.10 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument : MSVOA_F
ClientSampleId : AOC1-03A

Tgt Ion: 43 Resp: 333890

Ion	Ratio	Lower	Upper
43	100		
61	0.3	148.5	222.7#
70	59.9	4.7	7.1#

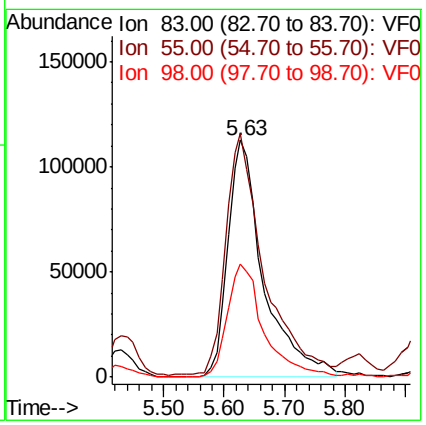


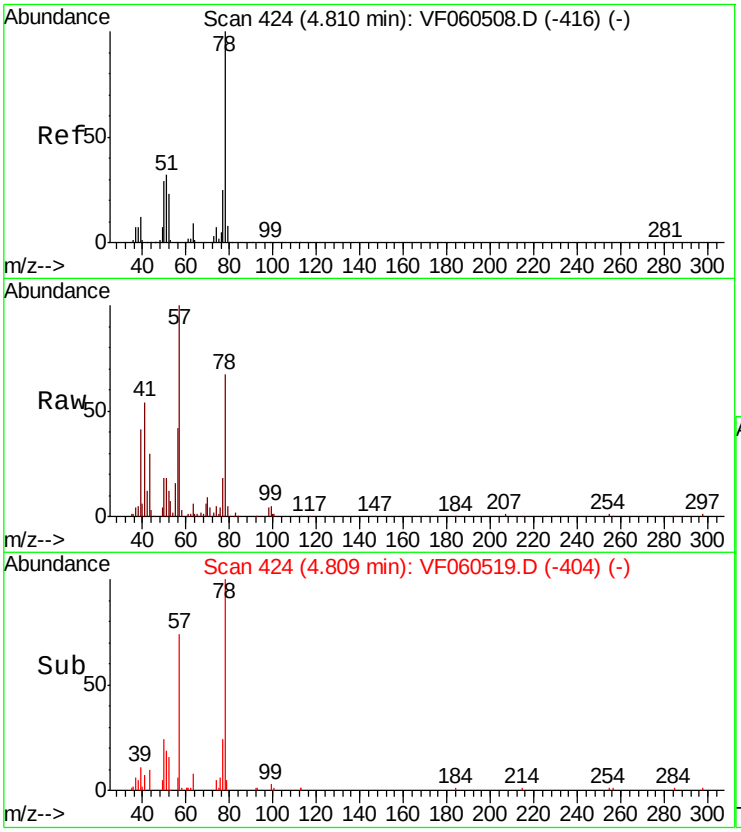


#39
Methylcyclohexane
Concen: 129.169 ug/l
RT: 5.63 min Scan# 507
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 83 Resp: 462539

Ion	Ratio	Lower	Upper
83	100		
55	102.8	87.9	131.9
98	48.0	37.0	55.6



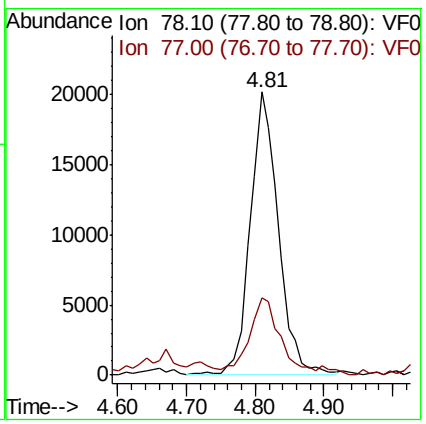


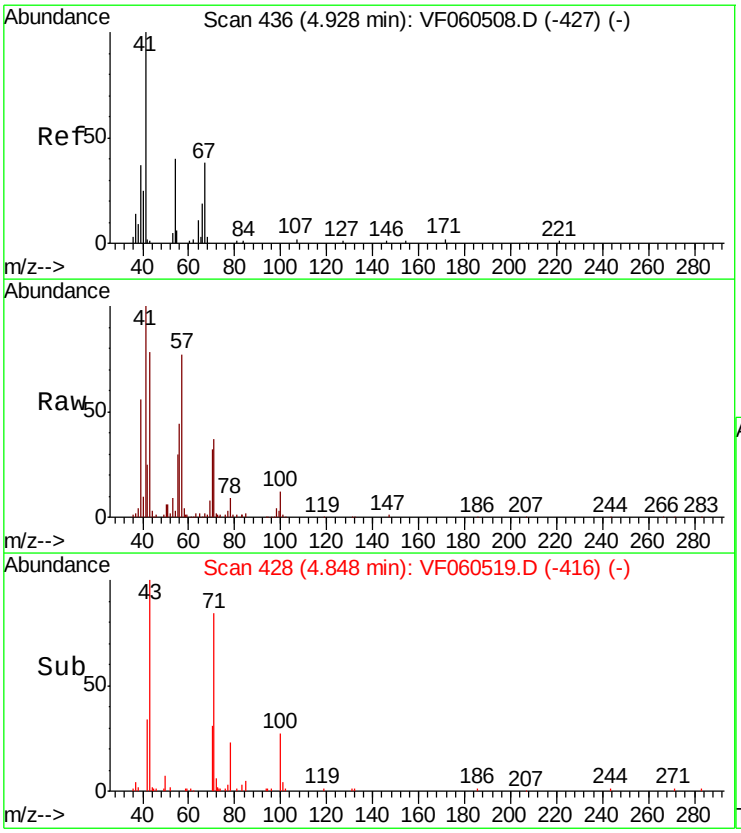
#40
Benzene
Concen: 7.991 ug/l
RT: 4.81 min Scan# 424
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
AOC1-03A

Tgt Ion: 78 Resp: 57690

Ion	Ratio	Lower	Upper
78	100		
77	27.2	20.2	30.4

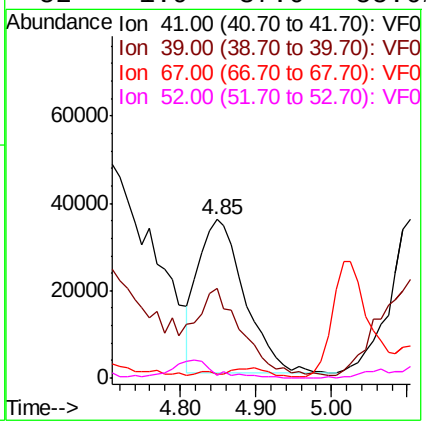


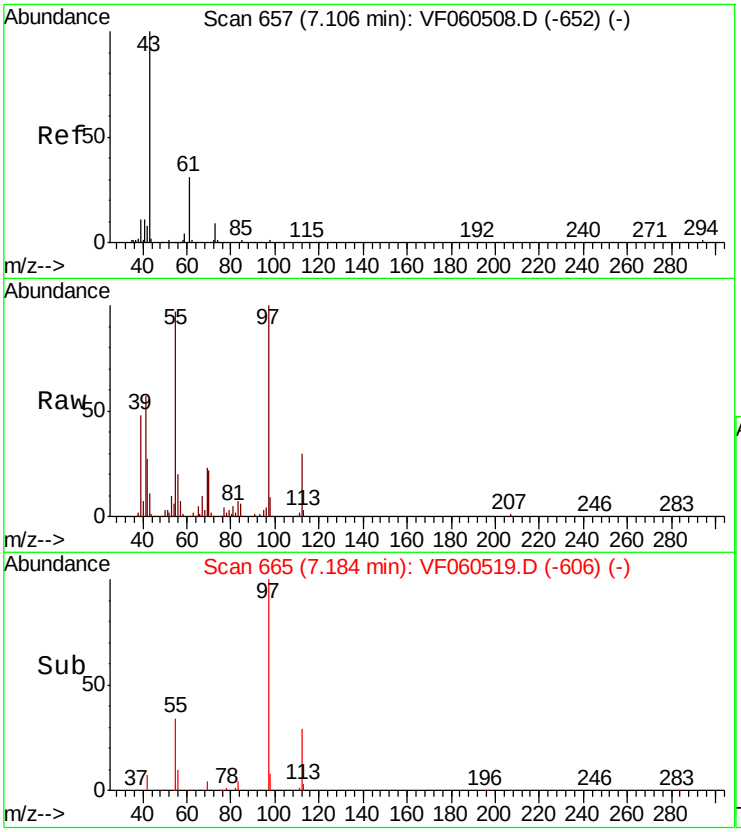


#41
Methacrylonitrile
Concen: 205.803 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.08 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 41 Resp: 151411

Ion	Ratio	Lower	Upper
41	100		
39	56.4	55.2	82.8
67	2.4	29.8	44.8#
52	1.9	37.0	55.6#



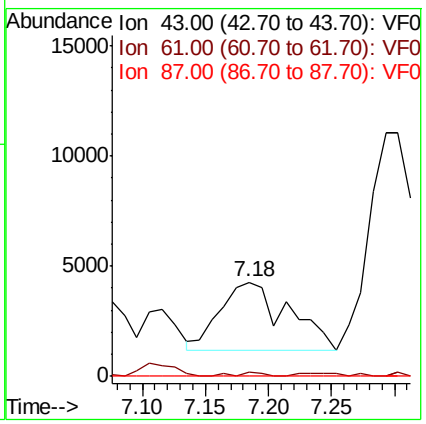


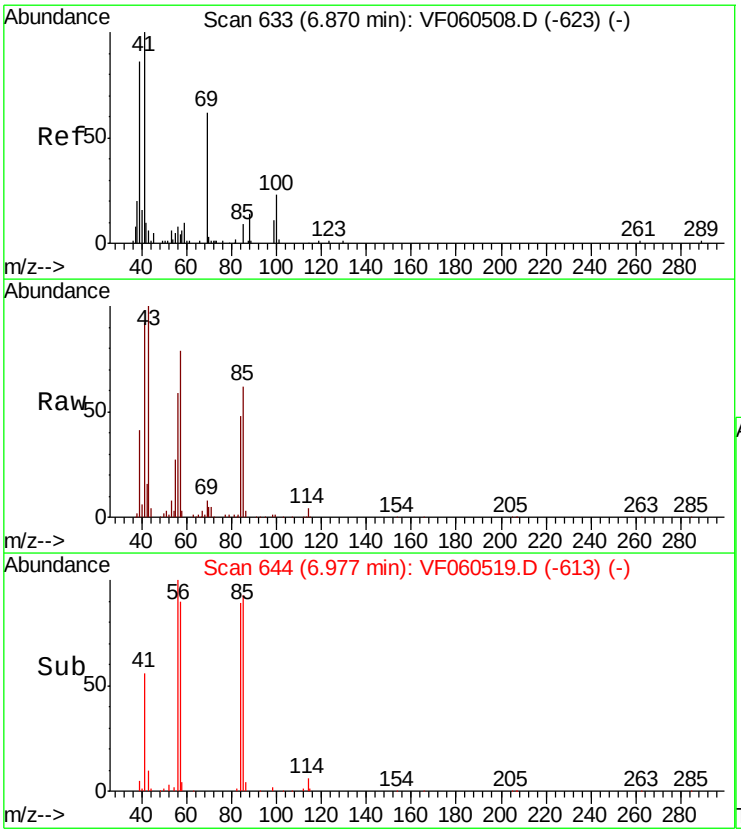
#43
Isopropyl Acetate
Concen: 7.696 ug/l
RT: 7.18 min Scan# 665
Delta R.T. 0.08 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument : MSVOA_F
ClientSampleId : AOC1-03A

Tgt Ion: 43 Resp: 11637

Ion	Ratio	Lower	Upper
43	100		
61	4.3	24.4	36.6#
87	0.0	0.0	0.0

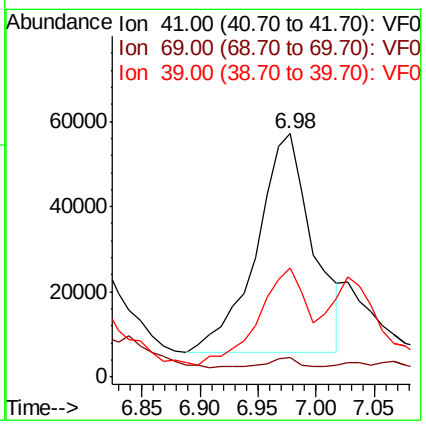


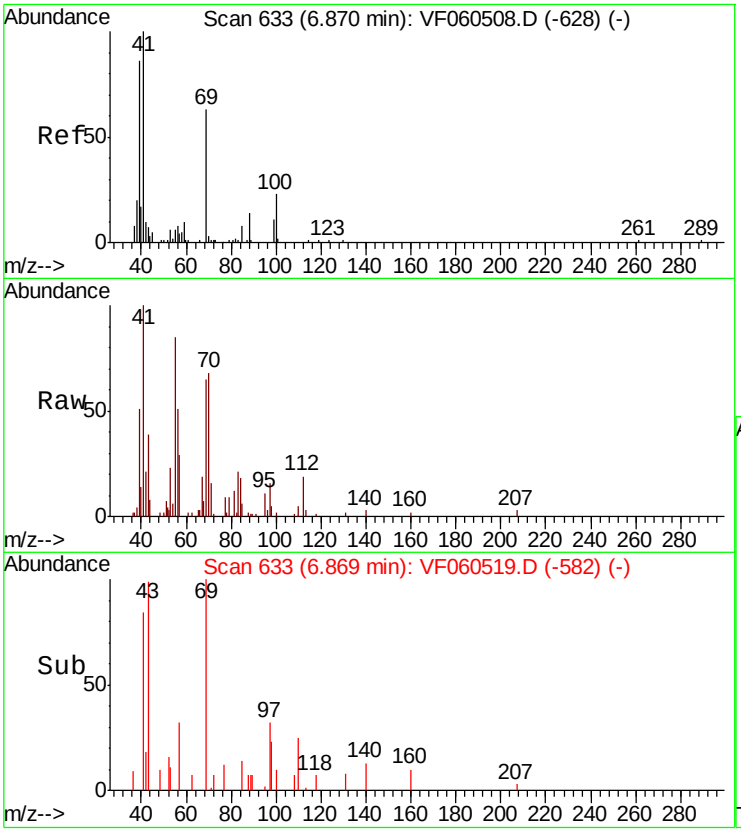


#48
Methyl methacrylate
Concen: 151.458 ug/l
RT: 6.98 min Scan# 644
Delta R.T. 0.11 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 41 Resp: 172648

Ion	Ratio	Lower	Upper
41	100		
69	8.3	49.6	74.4#
39	45.0	69.4	104.2#



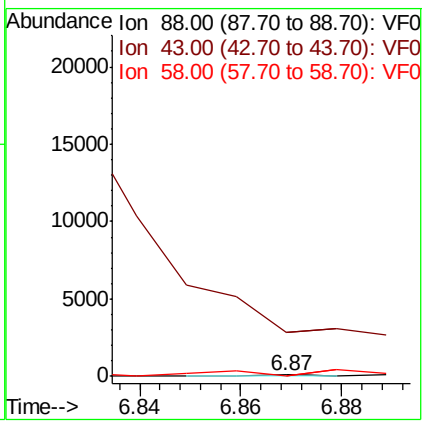


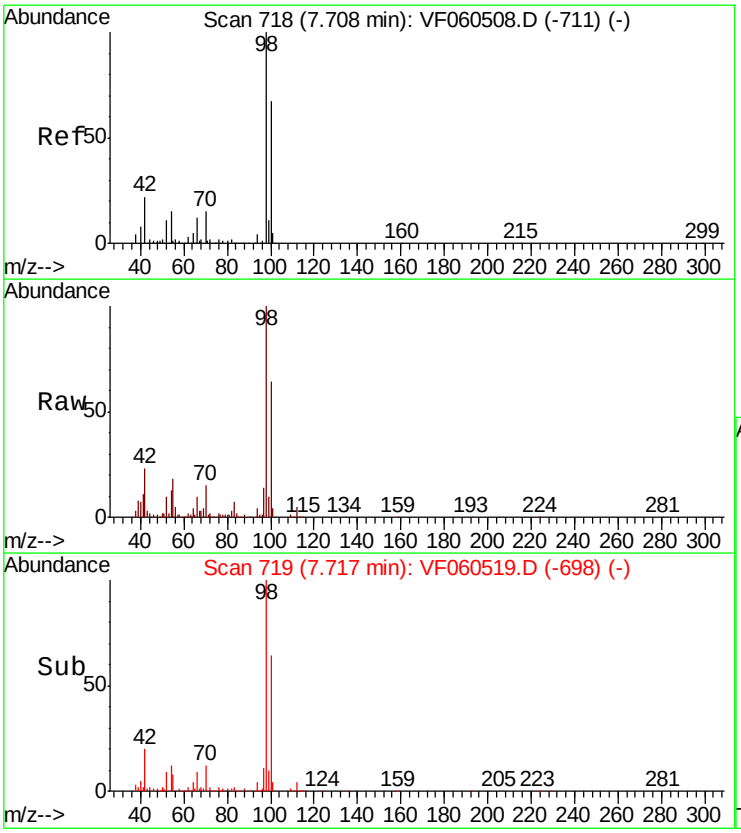
#49
1,4-Dioxane
Concen: 6.109 ug/l
RT: 6.87 min Scan# 633
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
AOC1-03A

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	2810.8	39.3	58.9#
58	0.0	35.0	52.6#

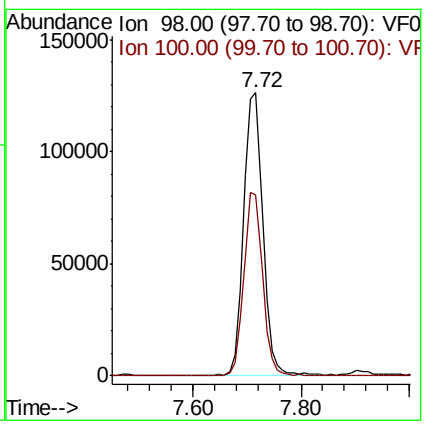


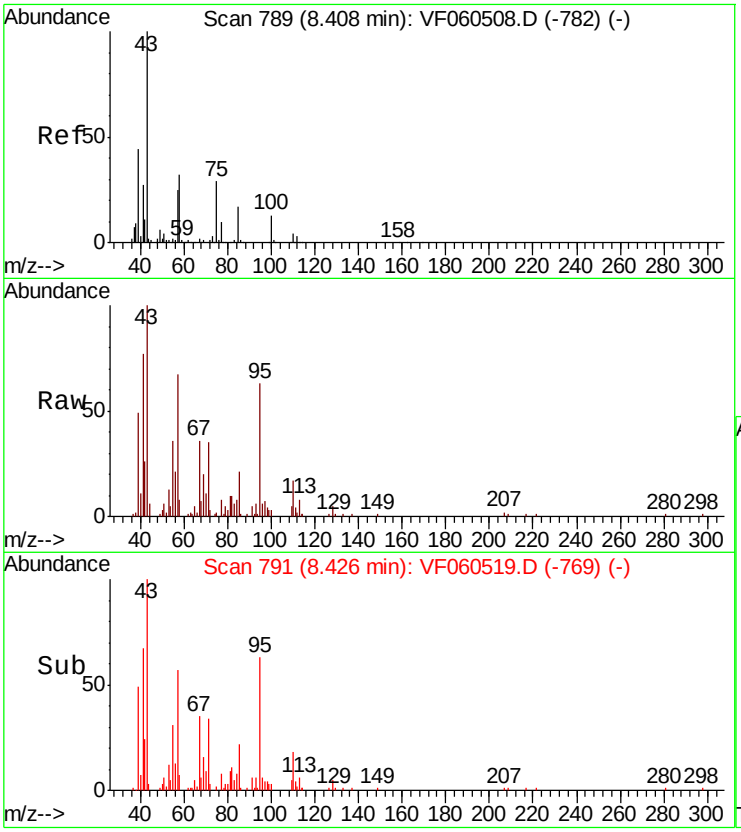


#50
Toluene-d8
Concen: 43.858 ug/l
RT: 7.72 min Scan# 719
Delta R.T. 0.01 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 98 Resp: 312776

Ion	Ratio	Lower	Upper
98	100		
100	63.9	53.4	80.0



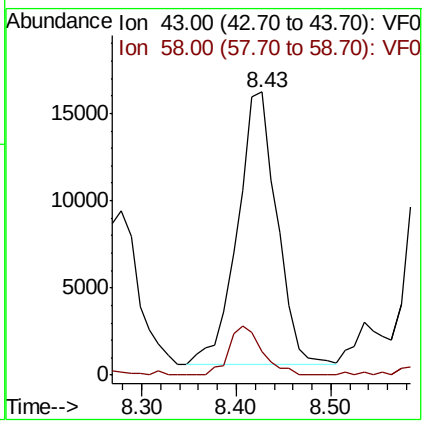


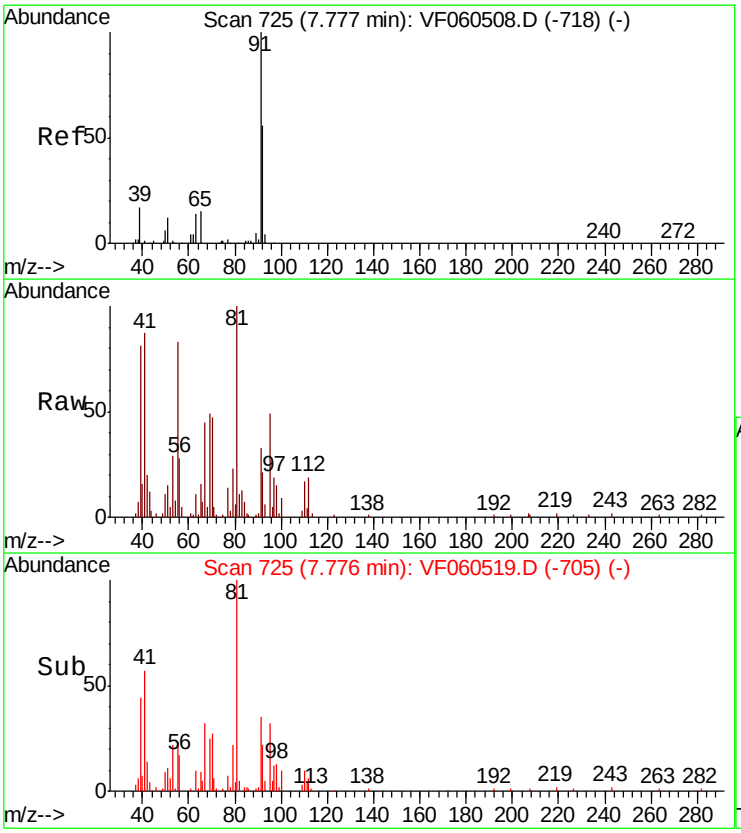
#51
4-Methyl-2-Pentanone
Concen: 38.480 ug/l
RT: 8.43 min Scan# 791
Delta R.T. 0.02 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument : MSVOA_F
ClientSampleId : AOC1-03A

Tgt Ion: 43 Resp: 45456

Ion	Ratio	Lower	Upper
43	100		
58	8.3	25.4	38.2#

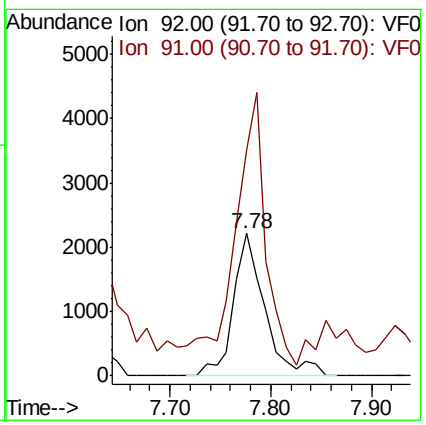


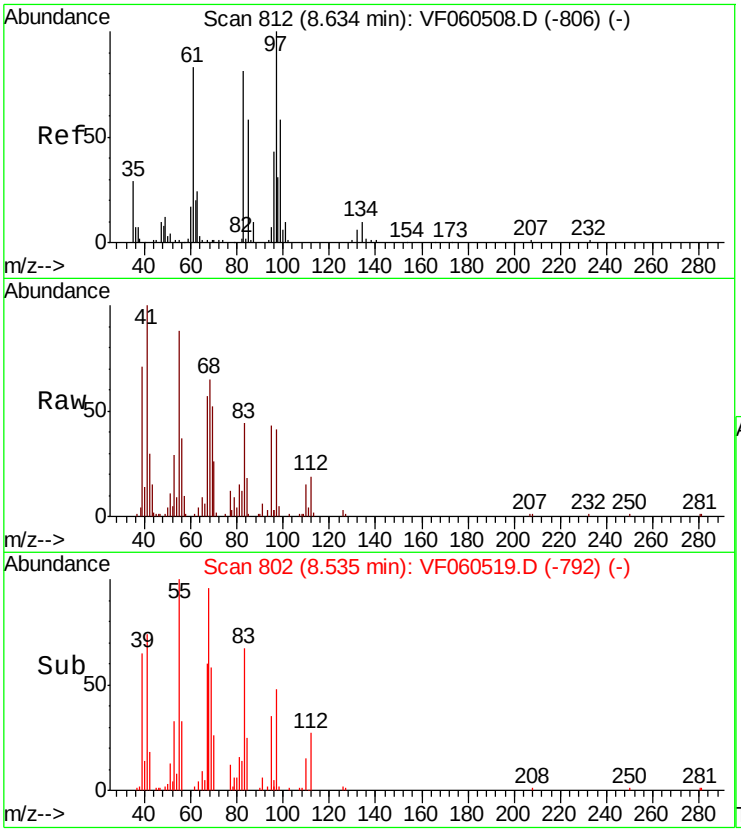


#52
Toluene
Concen: 1.007 ug/l
RT: 7.78 min Scan# 725
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 92 Resp: 4782

Ion	Ratio	Lower	Upper
92	100		
91	159.2	143.8	215.8



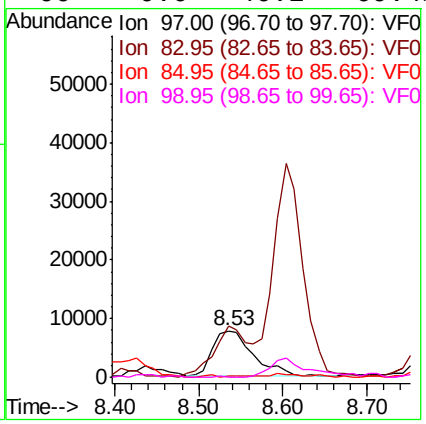


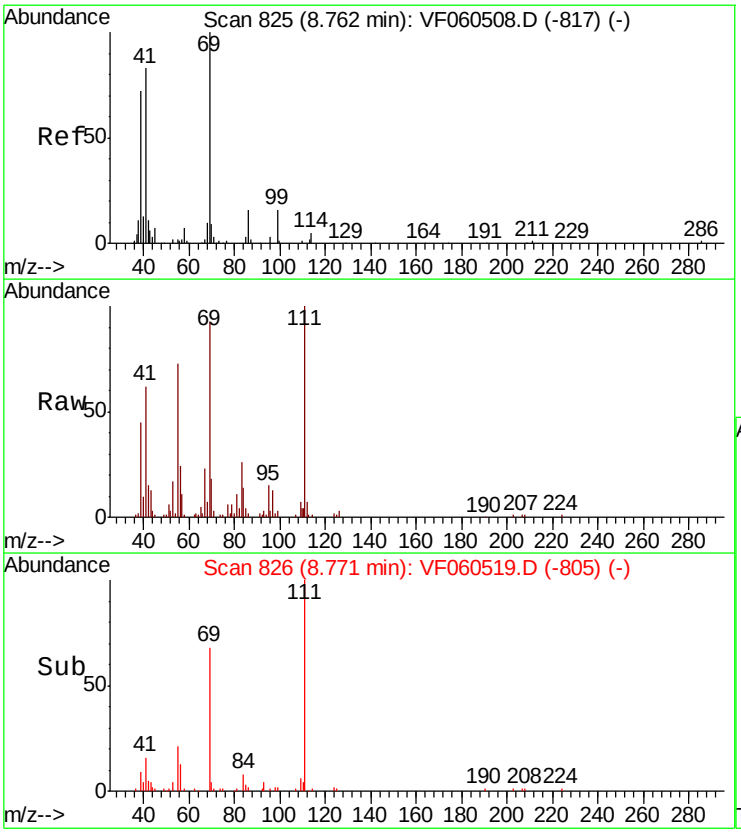
#55
1,1,2-Trichloroethane
Concen: 17.356 ug/l
RT: 8.53 min Scan# 802
Delta R.T. -0.10 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
AOC1-03A

Tgt Ion: 97 Resp: 26083

Ion	Ratio	Lower	Upper
97	100		
83	108.8	65.0	97.4#
85	3.5	47.0	70.6#
99	0.0	46.2	69.4#

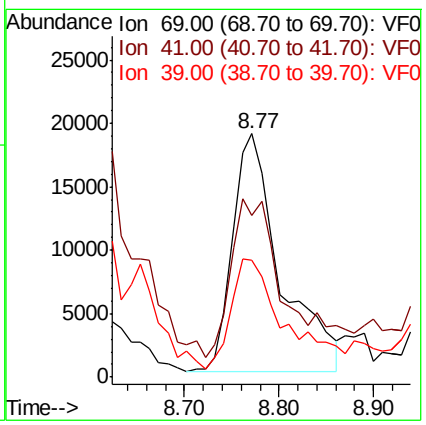


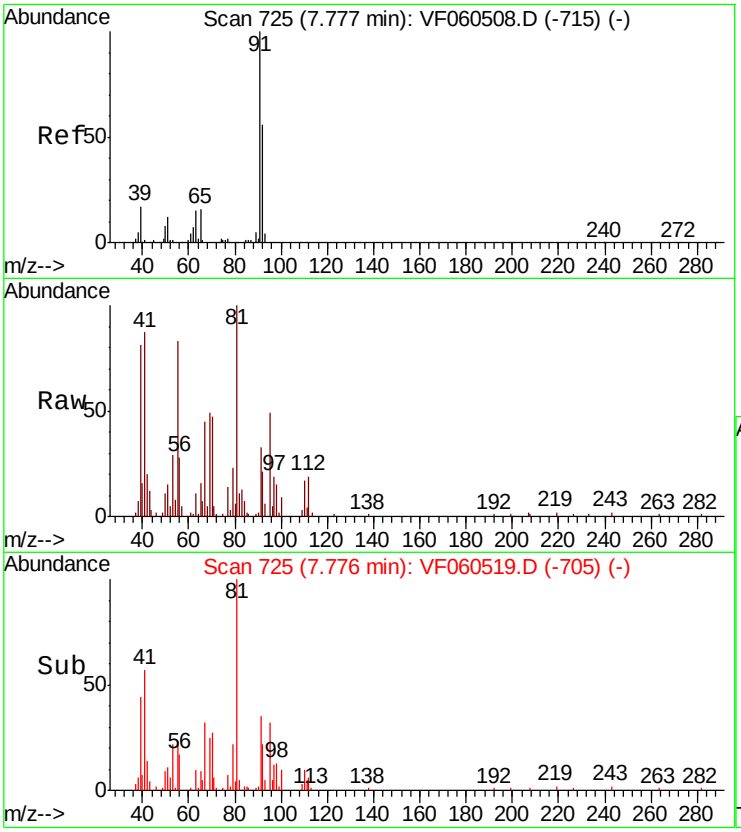


#56
Ethyl methacrylate
Concen: 41.182 ug/l
RT: 8.77 min Scan# 826
Delta R.T. 0.01 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 69 Resp: 66009

Ion	Ratio	Lower	Upper
69	100		
41	66.6	67.2	100.8#
39	48.1	58.4	87.6#



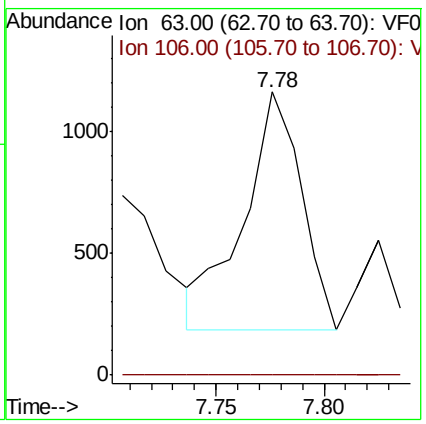


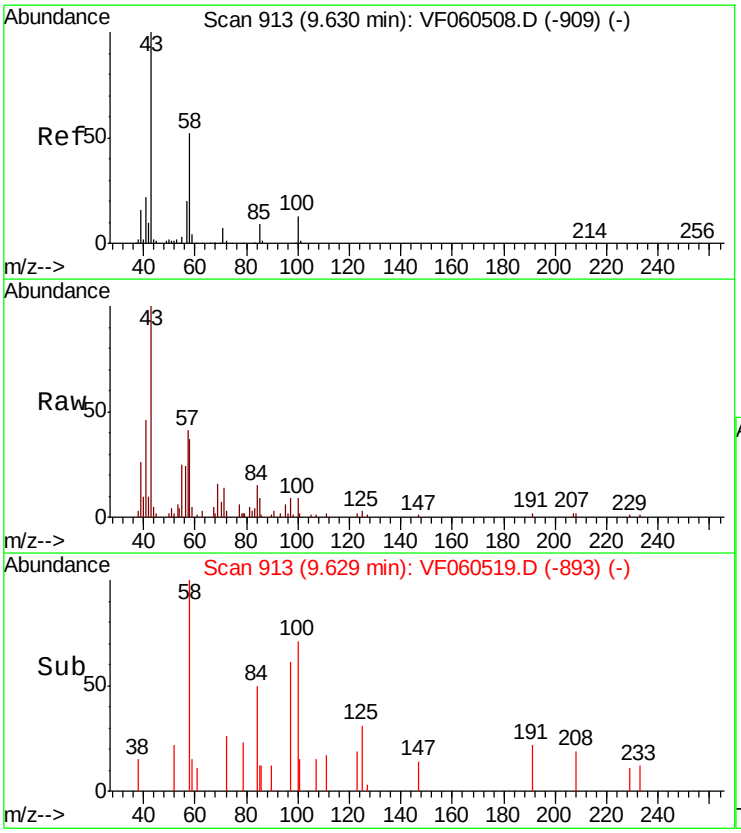
#58
2-Chloroethyl Vinyl ether
Concen: 8.117 ug/l
RT: 7.78 min Scan# 725
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
AOC1-03A

Tgt Ion: 63 Resp: 1799

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

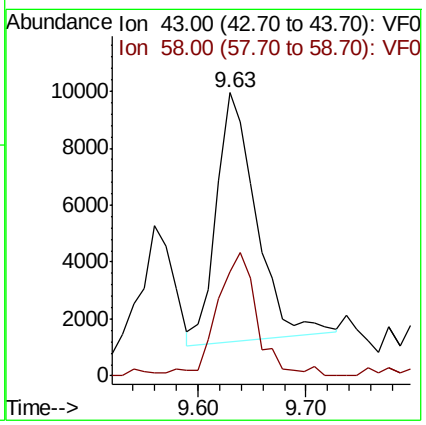


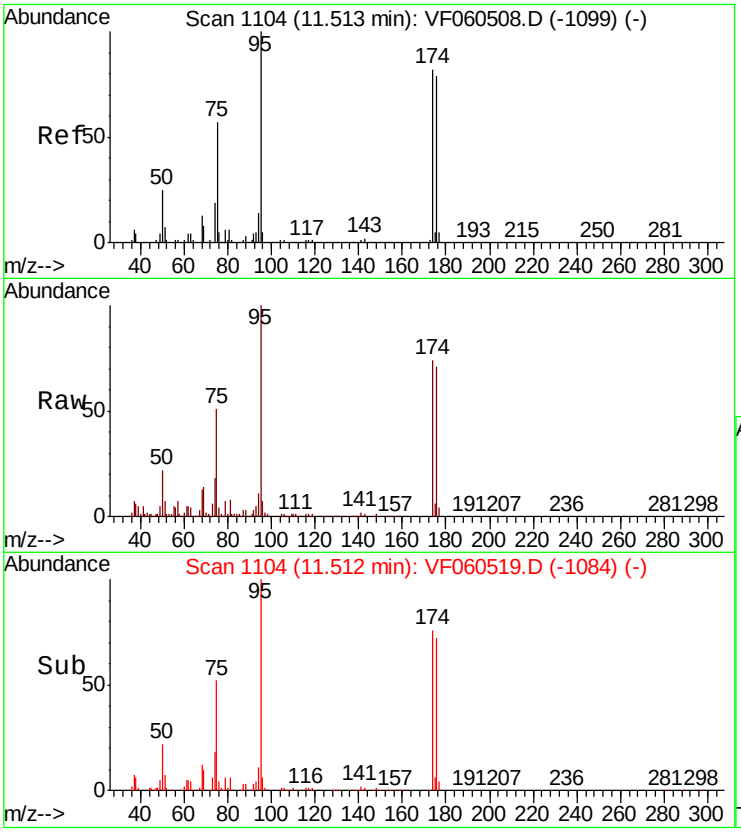


#59
2-Hexanone
Concen: 5.240 ug/l
RT: 9.63 min Scan# 913
Delta R.T. 0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 43 Resp: 22264

Ion	Ratio	Lower	Upper
43	100		
58	37.0	23.5	70.5



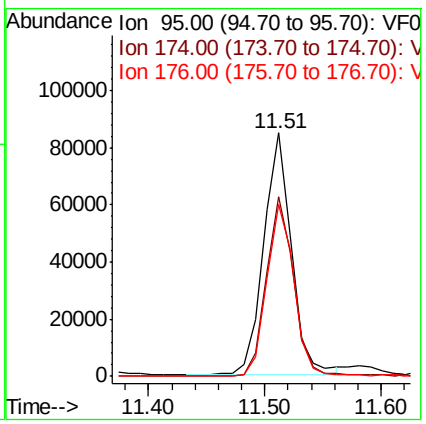


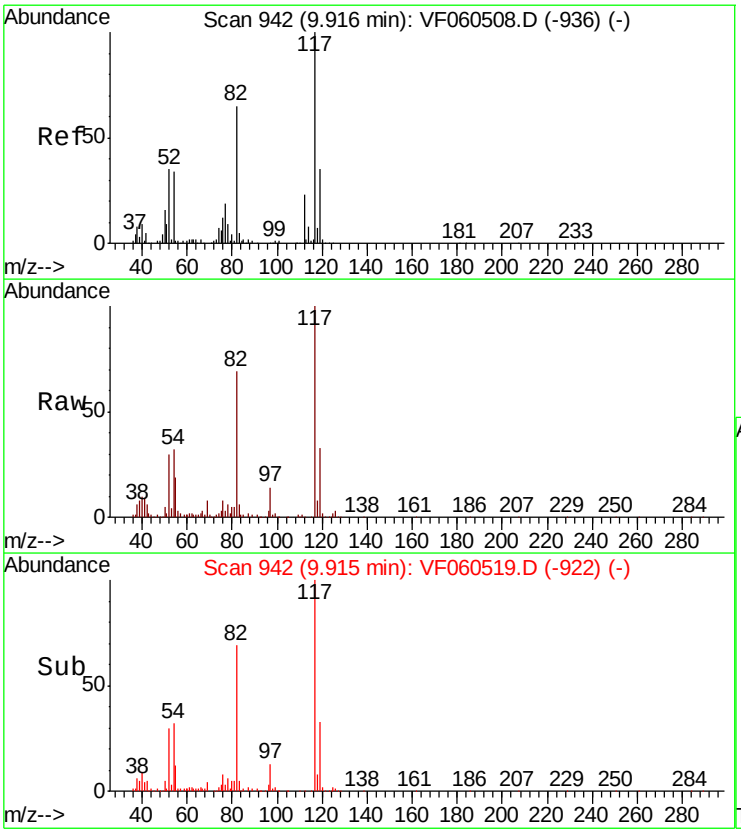
#62
4-Bromofluorobenzene
Concen: 35.420 ug/l
RT: 11.51 min Scan# 1104
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument : MSVOA_F
ClientSampleId : AOC1-03A

Tgt Ion: 95 Resp: 140689

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	164.2
176	70.8	0.0	158.4

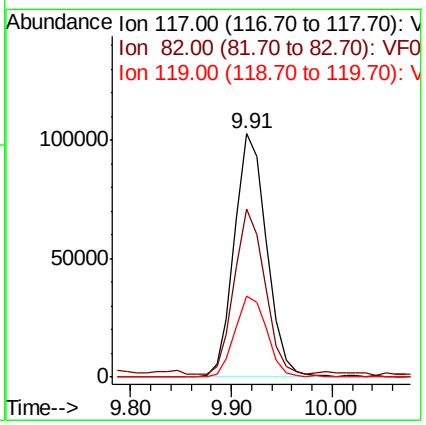


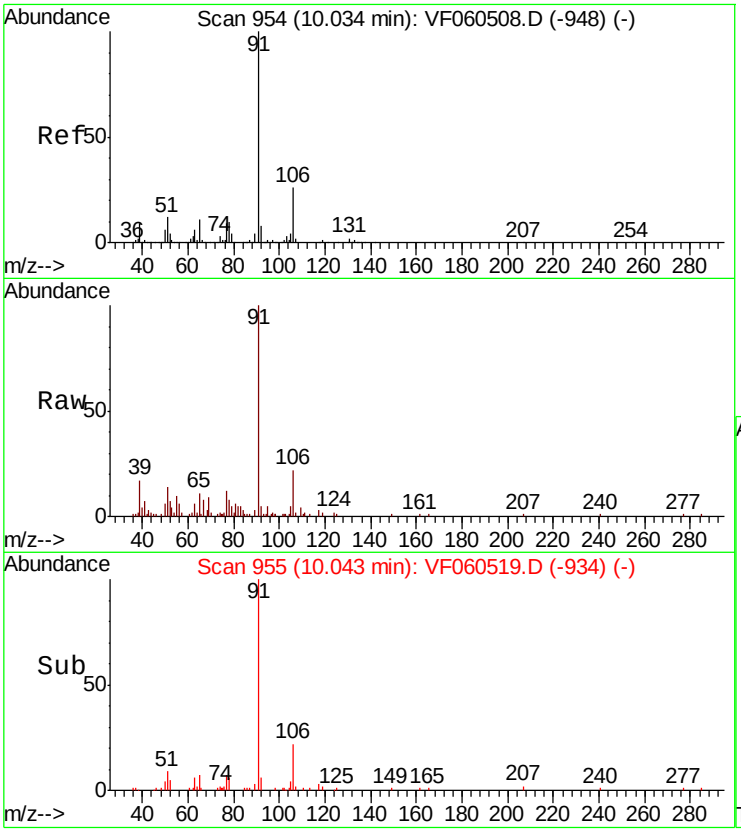


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 942
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion:117 Resp: 229608

Ion	Ratio	Lower	Upper
117	100		
82	69.2	51.7	77.5
119	33.2	28.3	42.5



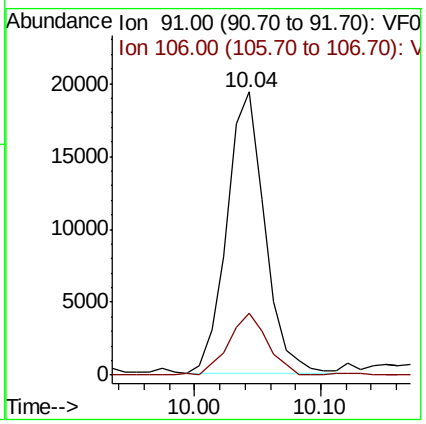


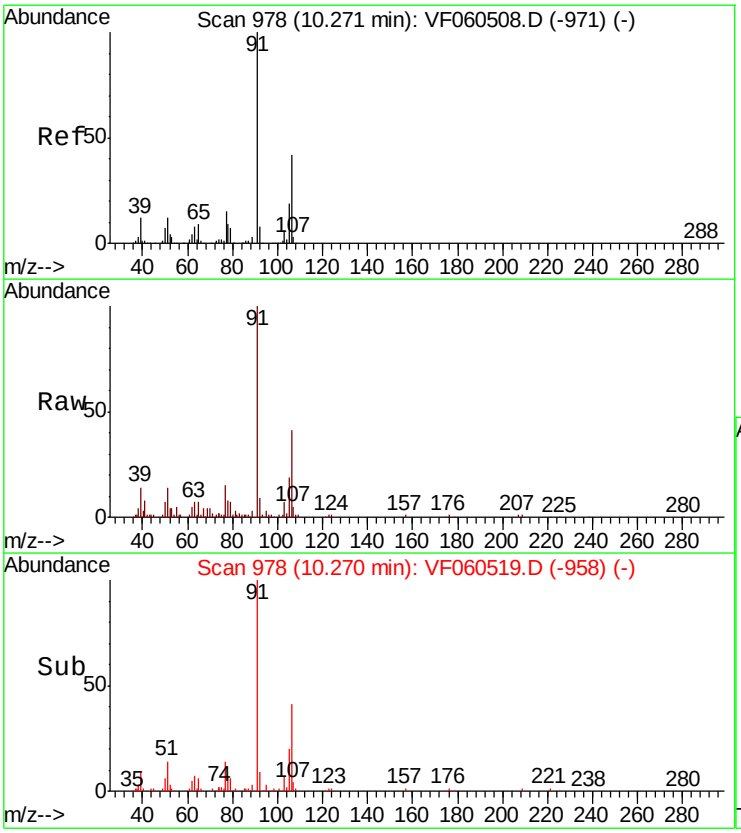
#67
Ethyl Benzene
Concen: 4.075 ug/l
RT: 10.04 min Scan# 955
Delta R.T. 0.01 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument : MSVOA_F
ClientSampleId : AOC1-03A

Tgt Ion: 91 Resp: 40172

Ion	Ratio	Lower	Upper
91	100		
106	22.0	20.7	31.1

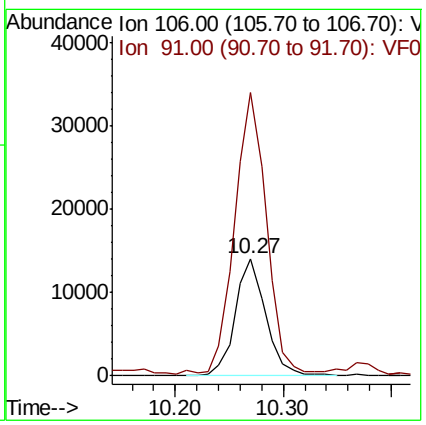


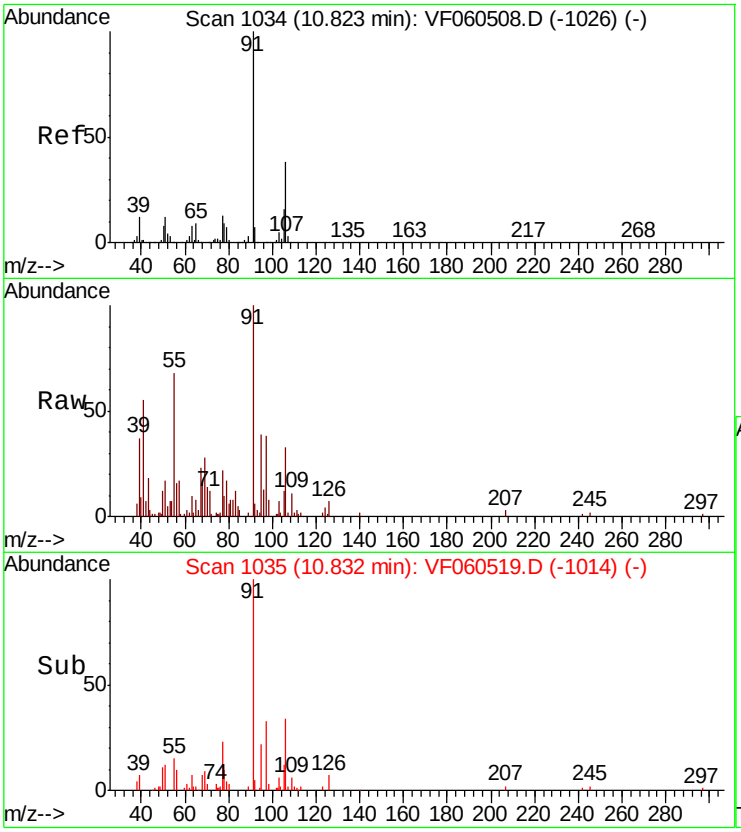


#68
m/p-Xylenes
Concen: 8.962 ug/l
RT: 10.27 min Scan# 978
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion:106 Resp: 27735

Ion	Ratio	Lower	Upper
106	100		
91	241.3	192.5	288.7



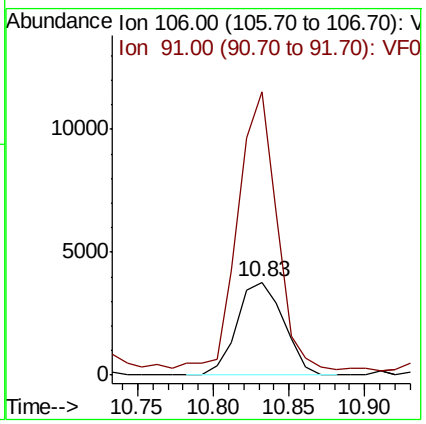


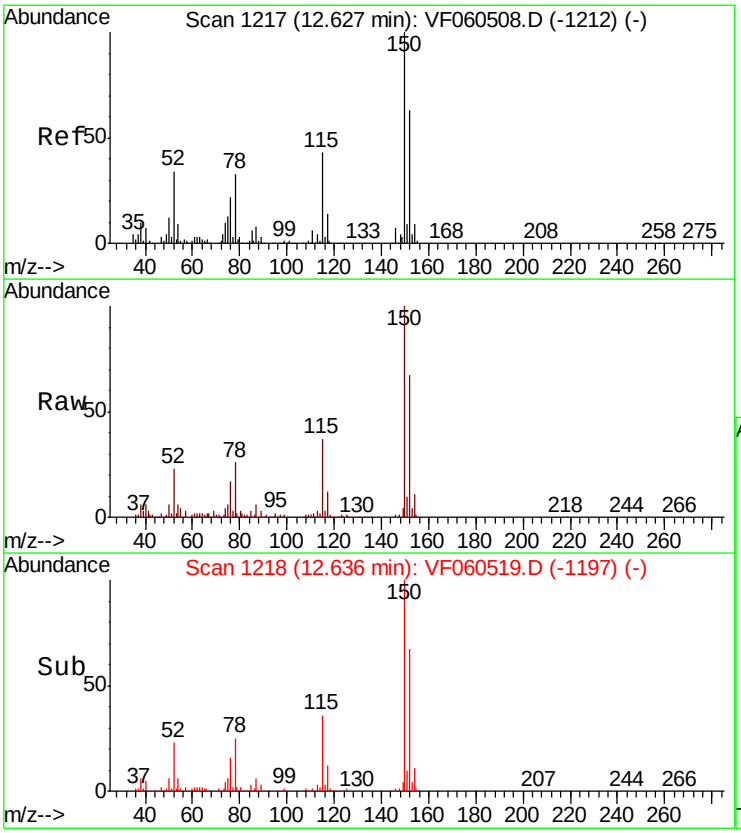
#69
o-Xylene
Concen: 2.327 ug/l
RT: 10.83 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument : MSVOA_F
ClientSampleId : AOC1-03A

Tgt Ion:106 Resp: 8077

Ion	Ratio	Lower	Upper
106	100		
91	304.8	130.9	392.7

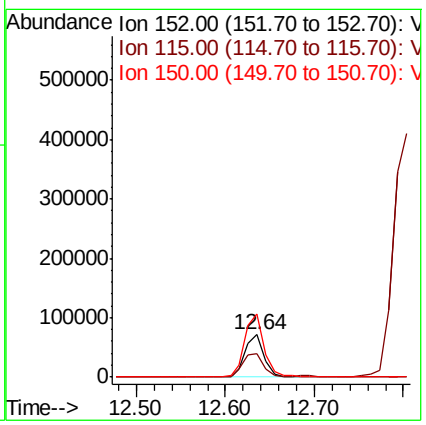


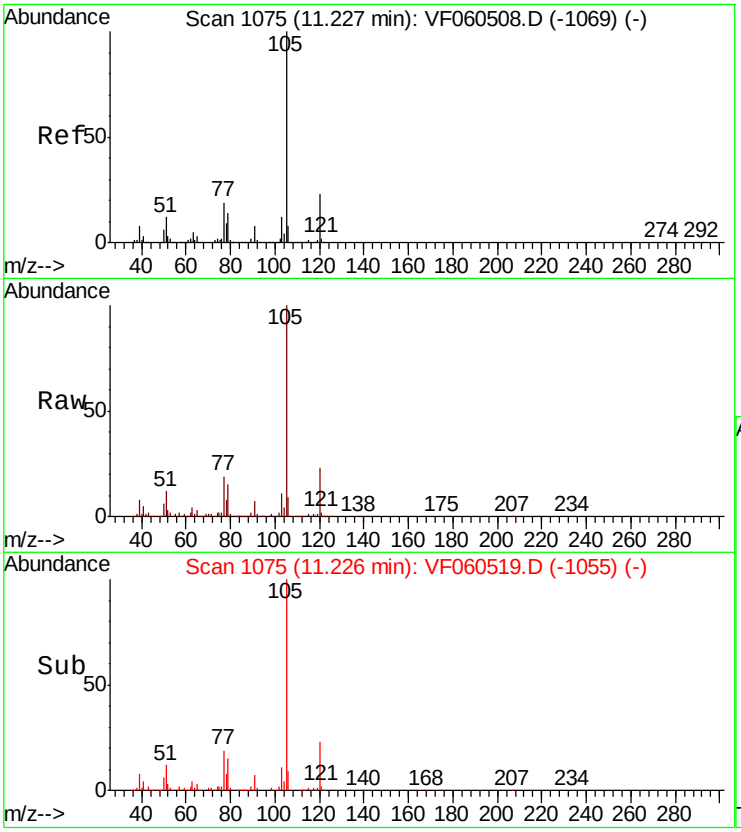


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion:152 Resp: 106335

Ion	Ratio	Lower	Upper
152	100		
115	54.6	34.6	103.9
150	148.7	0.0	319.8



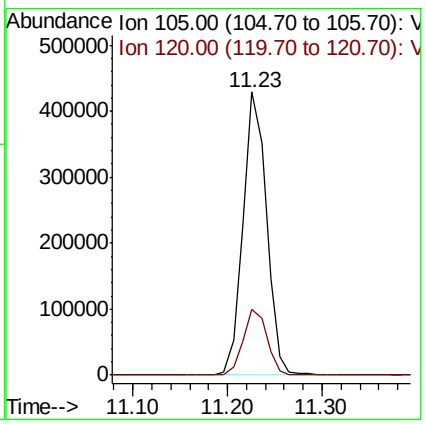


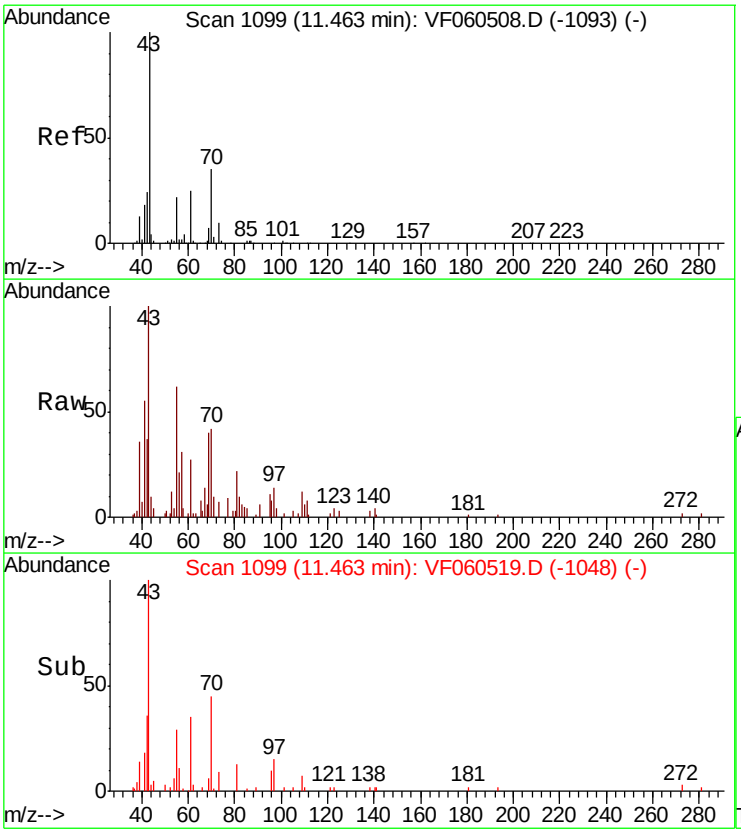
#73
Isopropylbenzene
Concen: 87.762 ug/l
RT: 11.23 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
AOC1-03A

Tgt Ion:105 Resp: 741336

Ion	Ratio	Lower	Upper
105	100		
120	23.4	11.6	34.7

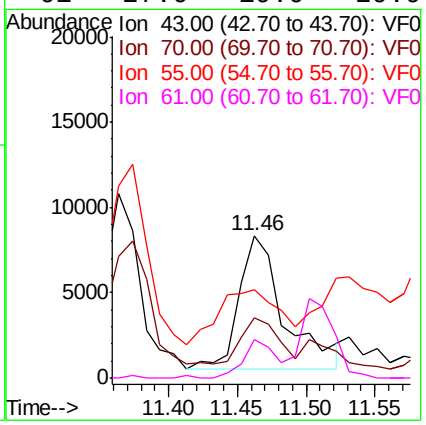


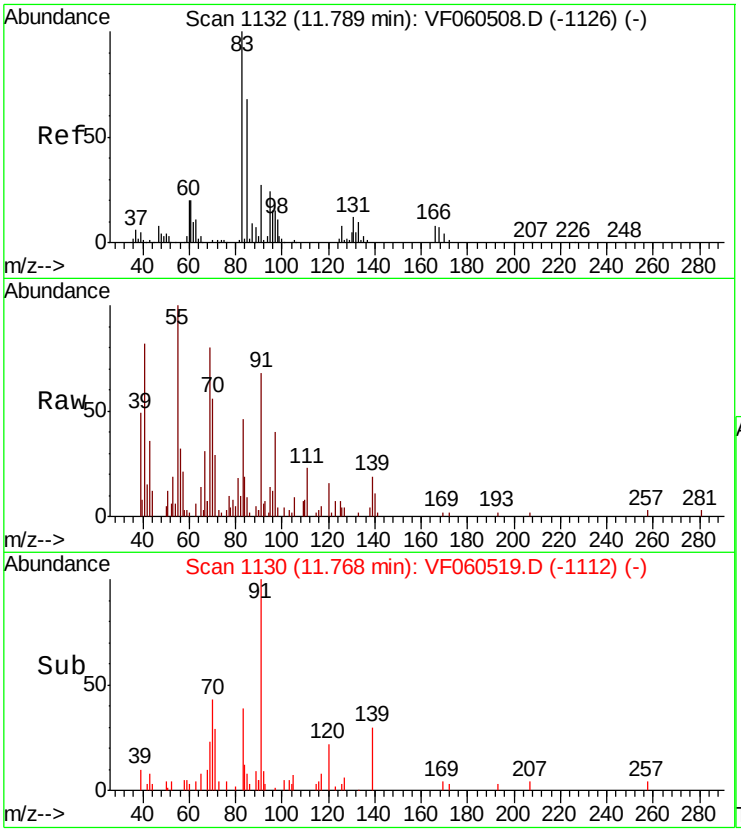


#74
N-amyl acetate
Concen: 11.913 ug/l
RT: 11.46 min Scan# 1099
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 43 Resp: 17870

Ion	Ratio	Lower	Upper
43	100		
70	42.4	28.2	42.2#
55	61.8	17.9	26.9#
61	27.0	19.9	29.9



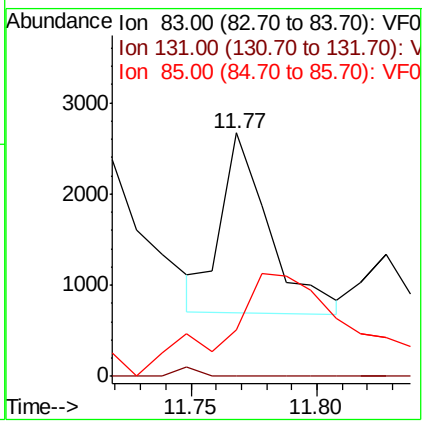


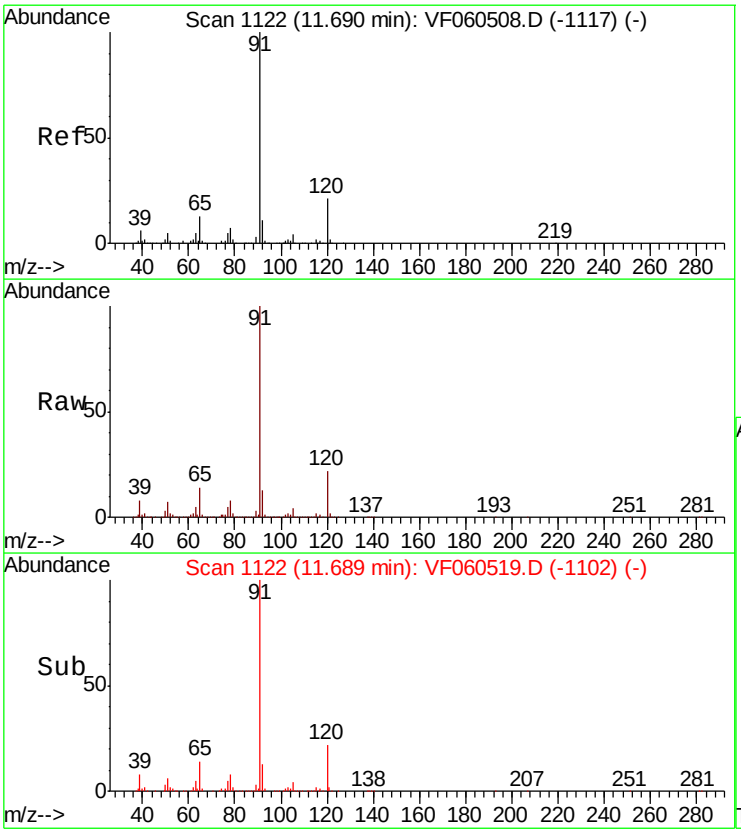
#75
1,1,2,2-Tetrachloroethane
Concen: 2.137 ug/l
RT: 11.77 min Scan# 1130
Delta R.T. -0.02 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument : MSVOA_F
ClientSampleId : AOC1-03A

Tgt Ion: 83 Resp: 2601

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.8	17.4#
85	19.4	34.2	102.6#

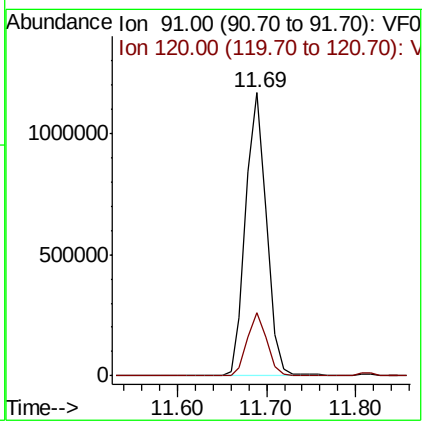


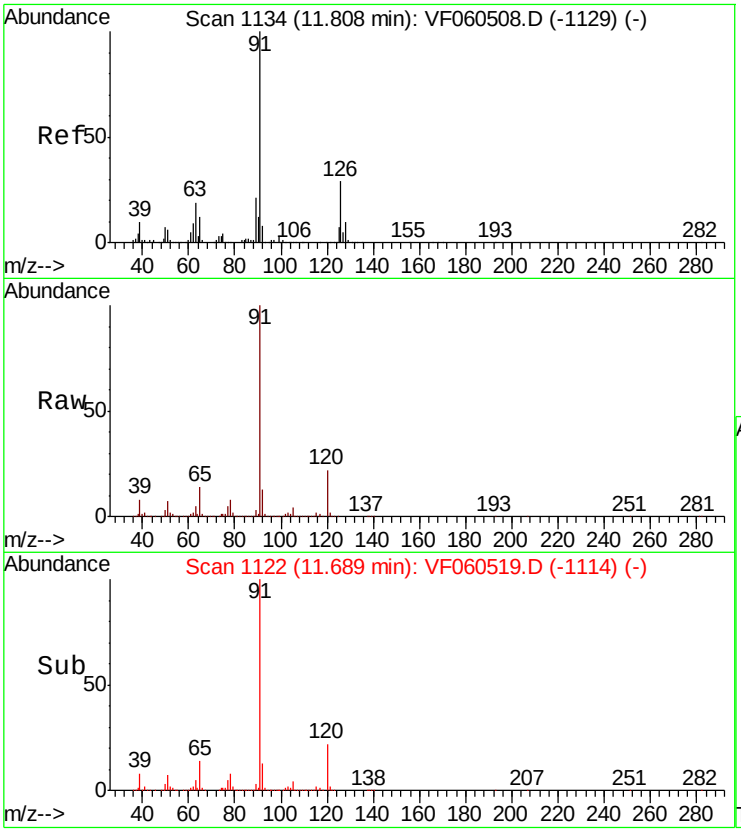


#78
n-propylbenzene
Concen: 191.089 ug/l
RT: 11.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 91 Resp: 1887092

Ion	Ratio	Lower	Upper
91	100		
120	22.3	10.3	30.9



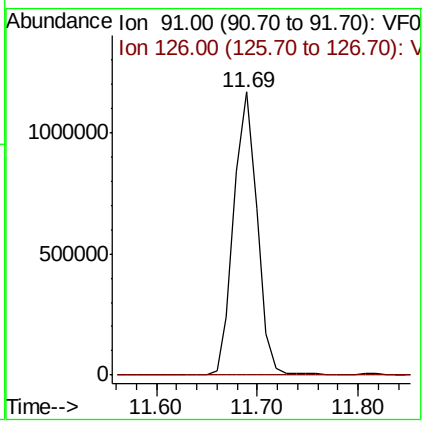


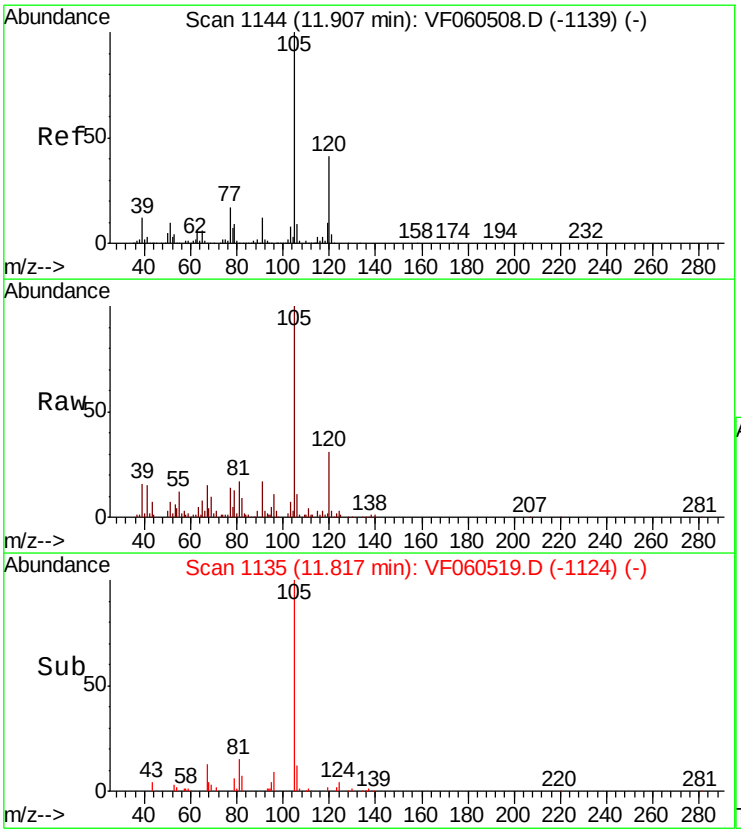
#79
2-Chlorotoluene
Concen: 314.641 ug/l
RT: 11.69 min Scan# 1122
Delta R.T. -0.12 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument : MSVOA_F
ClientSampleId : AOC1-03A

Tgt Ion: 91 Resp: 1882987

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.4	43.2#

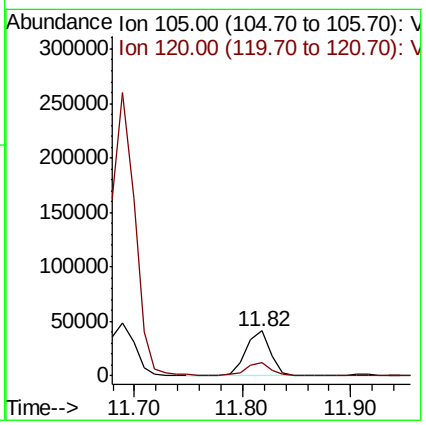


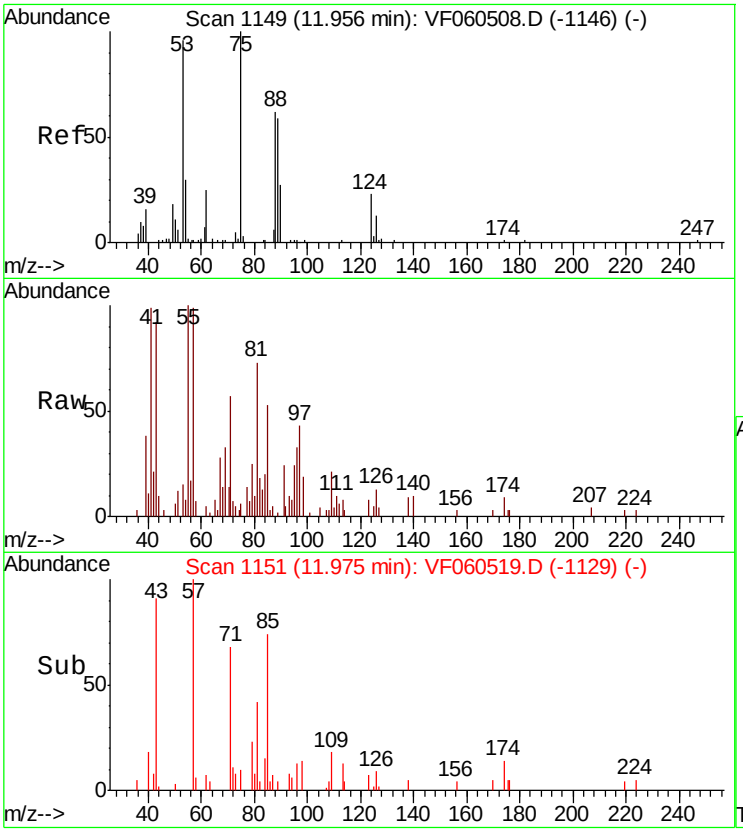


#80
1,3,5-Trimethylbenzene
Concen: 8.842 ug/l
RT: 11.82 min Scan# 1135
Delta R.T. -0.09 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion:105 Resp: 65594

Ion	Ratio	Lower	Upper
105	100		
120	30.7	20.6	61.9



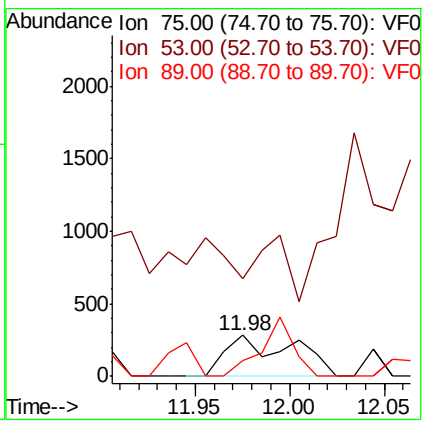


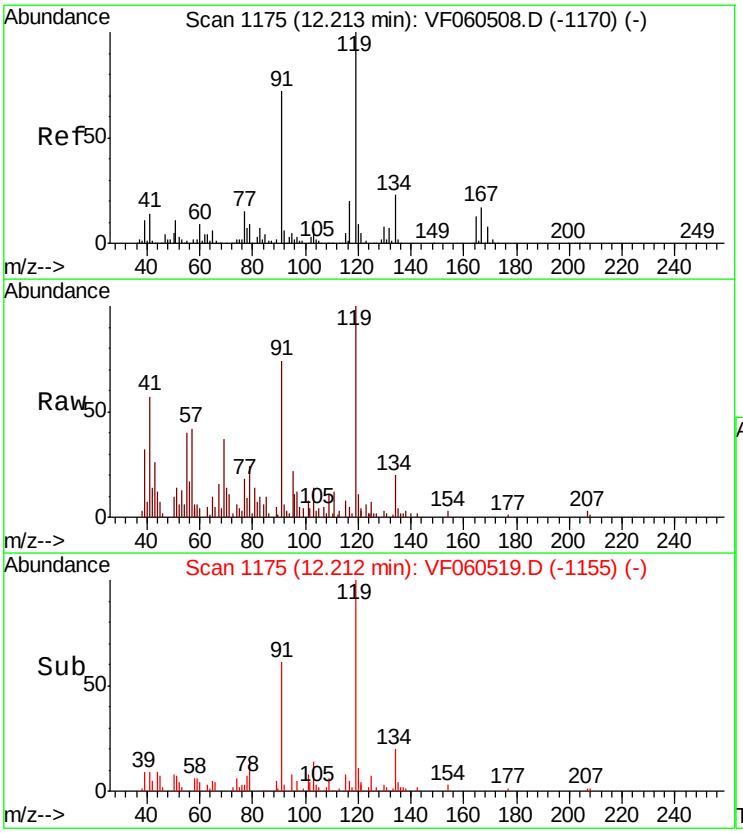
#81
trans-1,4-Dichloro-2-butene
Concen: 1.541 ug/l
RT: 11.98 min Scan# 1151
Delta R.T. 0.02 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
AOC1-03A

Tgt Ion: 75 Resp: 689

Ion	Ratio	Lower	Upper
75	100		
53	239.2	85.0	127.6#
89	38.5	50.2	75.4#

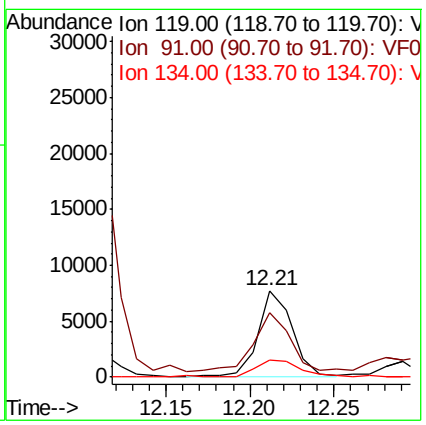


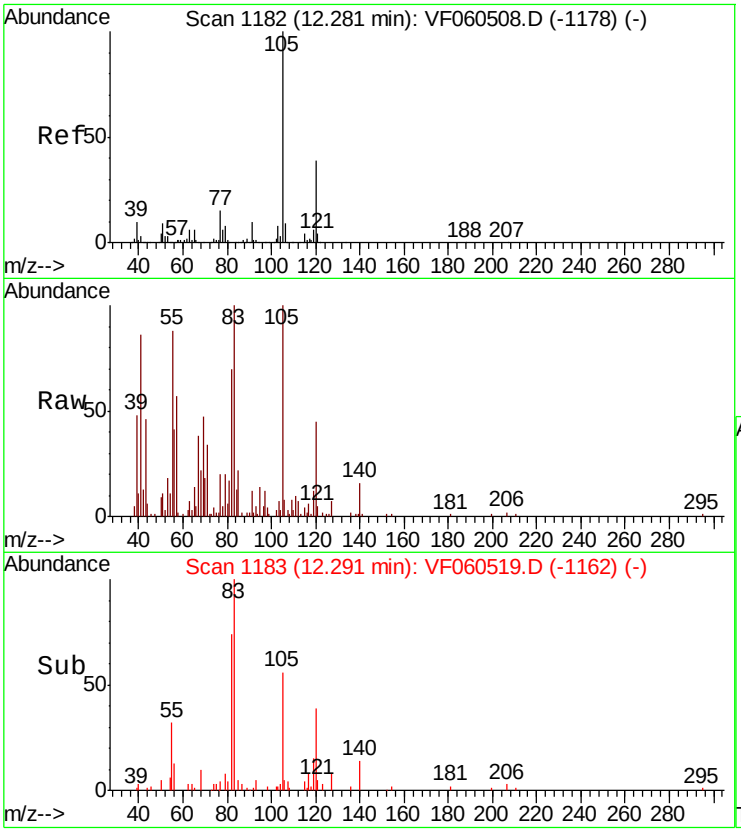


#83
tert-Butylbenzene
Concen: 1.466 ug/l
RT: 12.21 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion:119 Resp: 10986

Ion	Ratio	Lower	Upper
119	100		
91	74.2	36.3	108.9
134	19.6	11.4	34.2



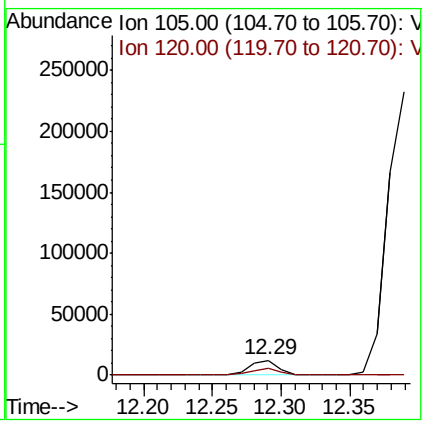


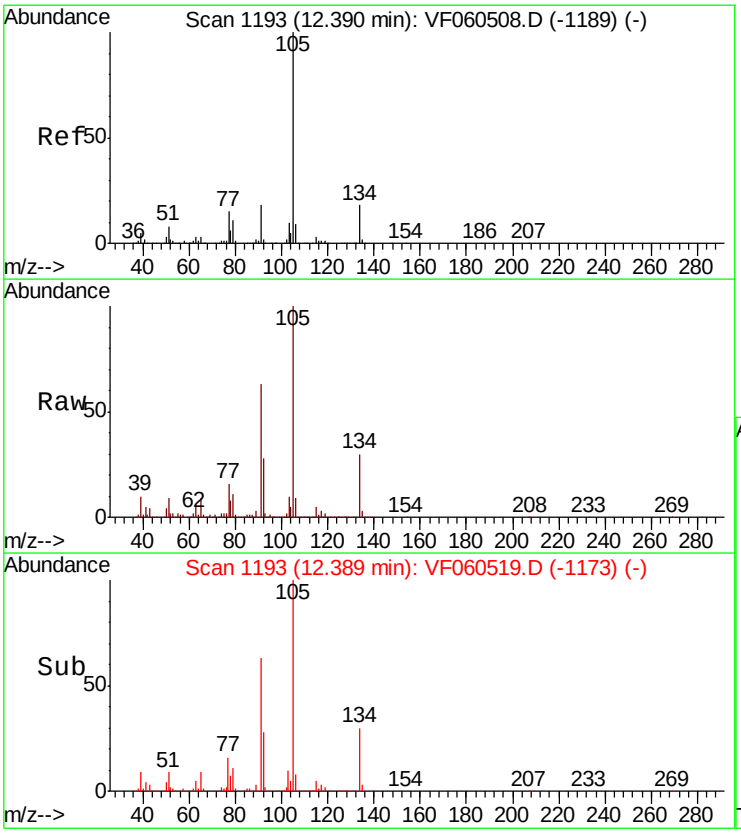
#84
1,2,4-Trimethylbenzene
Concen: 2.417 ug/l
RT: 12.29 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
AOC1-03A

Tgt Ion:105 Resp: 17770

Ion	Ratio	Lower	Upper
105	100		
120	44.8	19.4	58.1

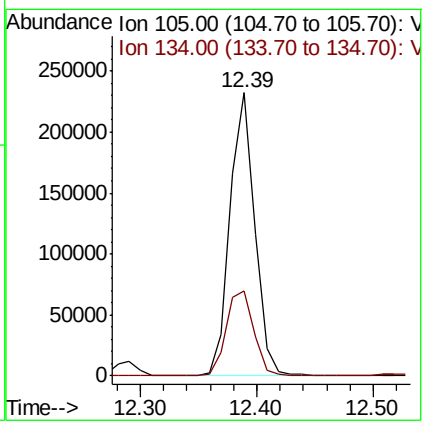


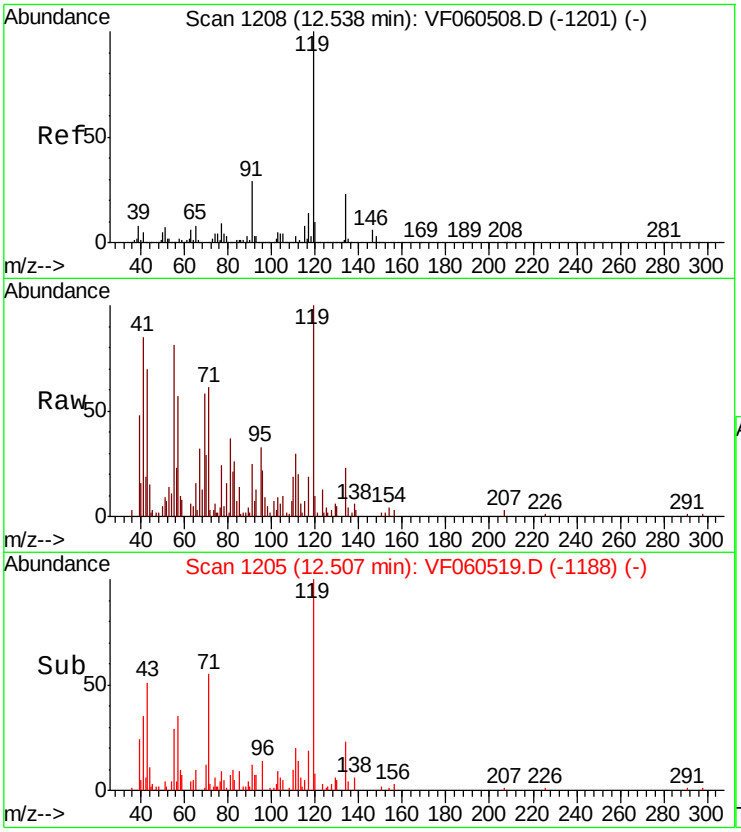


#85
sec-Butylbenzene
Concen: 34.043 ug/l
RT: 12.39 min Scan# 1193
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion:105 Resp: 342355

Ion	Ratio	Lower	Upper
105	100		
134	30.2	9.2	27.4#



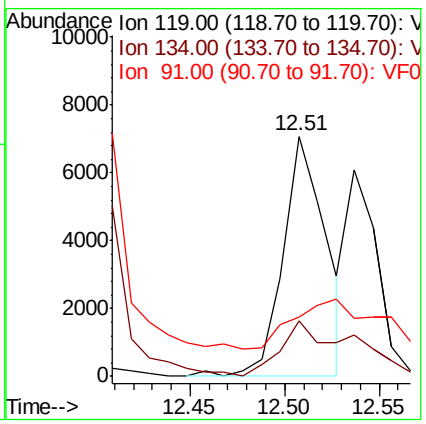


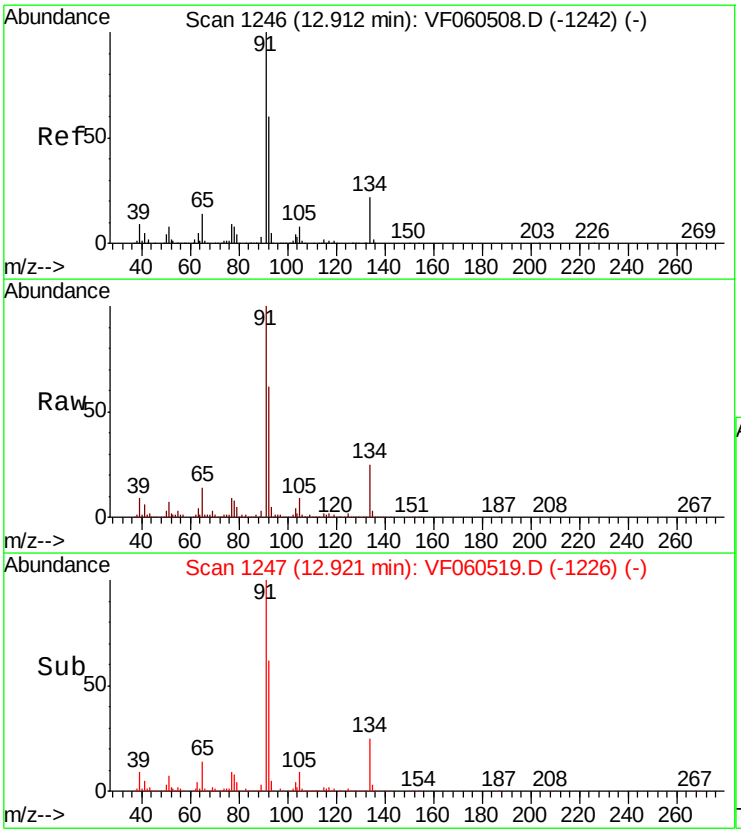
#86
p-Isopropyltoluene
Concen: 1.309 ug/l
RT: 12.51 min Scan# 1205
Delta R.T. -0.03 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
AOC1-03A

Tgt Ion:119 Resp: 11187

Ion	Ratio	Lower	Upper
119	100		
134	23.0	11.7	35.0
91	25.0	14.4	43.4

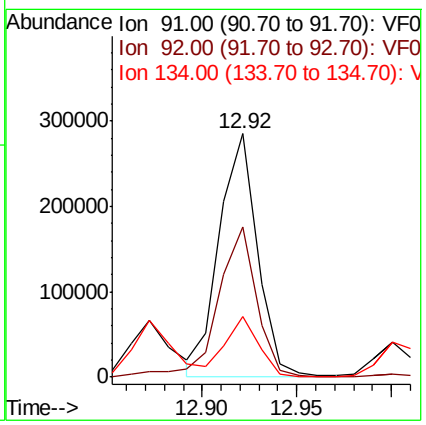


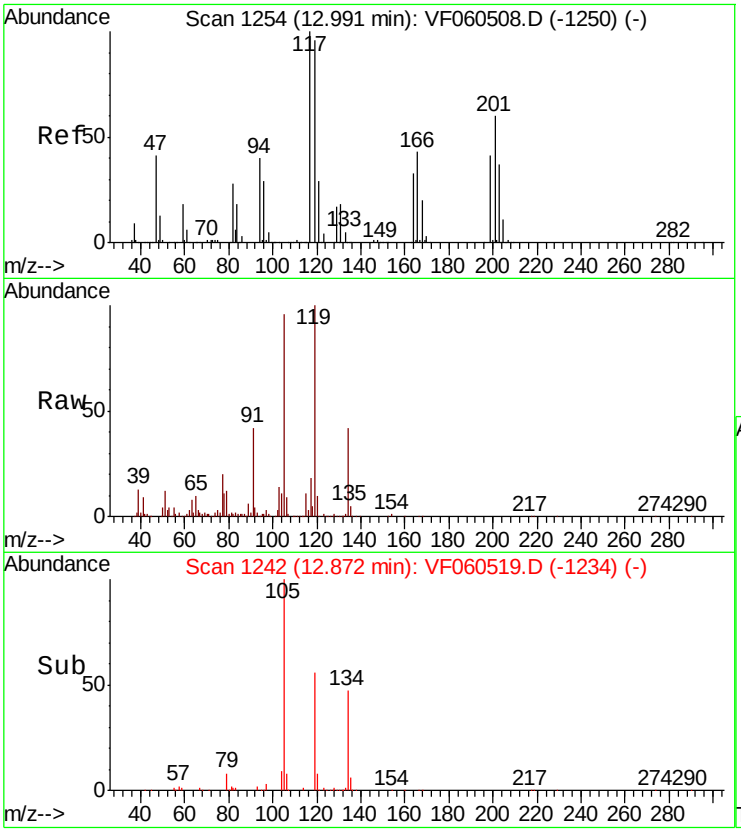


#89
n-Butylbenzene
Concen: 43.431 ug/l
RT: 12.92 min Scan# 1247
Delta R.T. 0.01 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 91 Resp: 394713

Ion	Ratio	Lower	Upper
91	100		
92	61.5	29.8	89.3
134	24.7	10.9	32.7



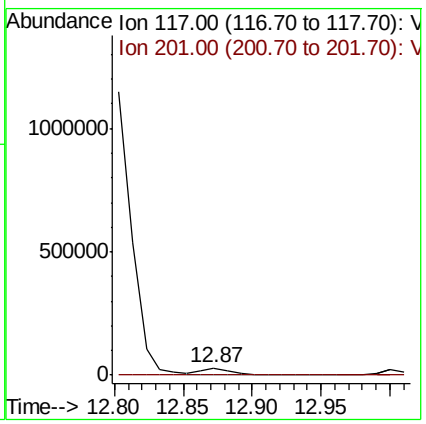


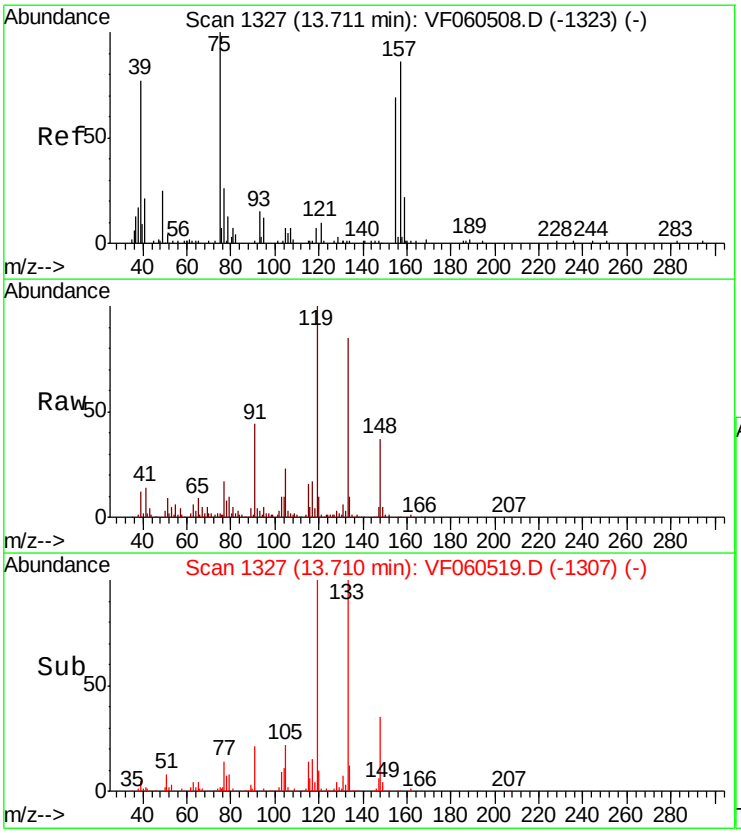
#90
Hexachloroethane
Concen: 19.534 ug/l
RT: 12.87 min Scan# 1242
Delta R.T. -0.12 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
AOC1-03A

Tgt Ion:117 Resp: 43792

Ion	Ratio	Lower	Upper
117	100		
201	0.0	30.1	90.5#

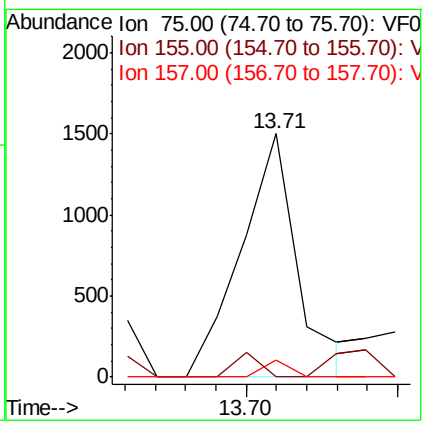


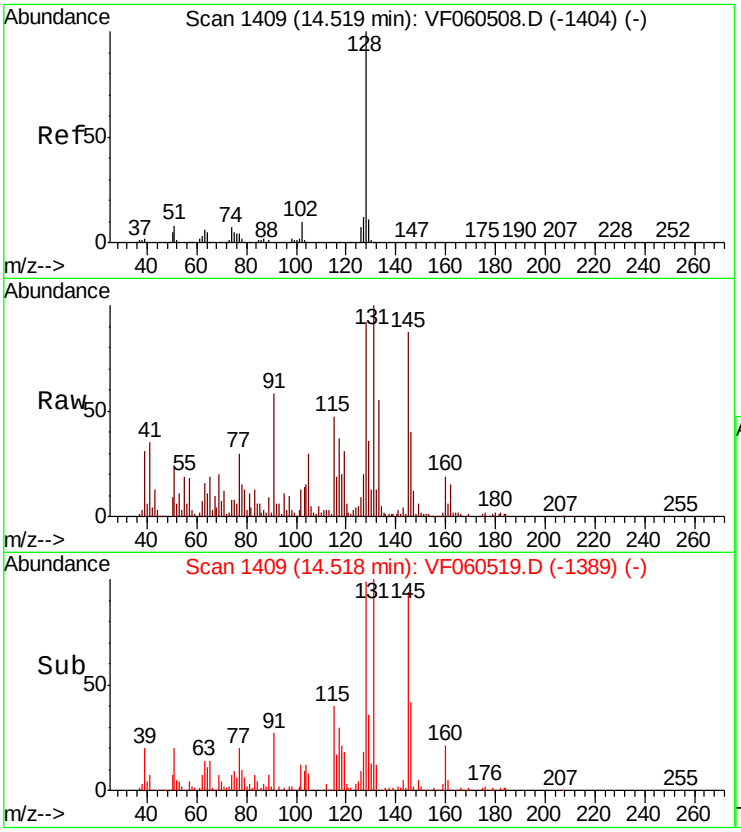


#92
1,2-Dibromo-3-Chloropropane
Concen: 6.243 ug/l
RT: 13.71 min Scan# 1327
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion: 75 Resp: 1937

Ion	Ratio	Lower	Upper
75	100		
155	0.0	34.7	104.1#
157	7.1	42.9	128.5#



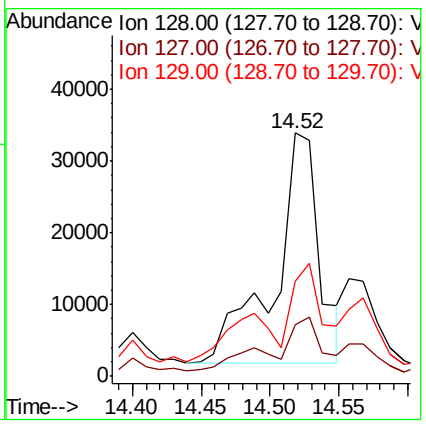


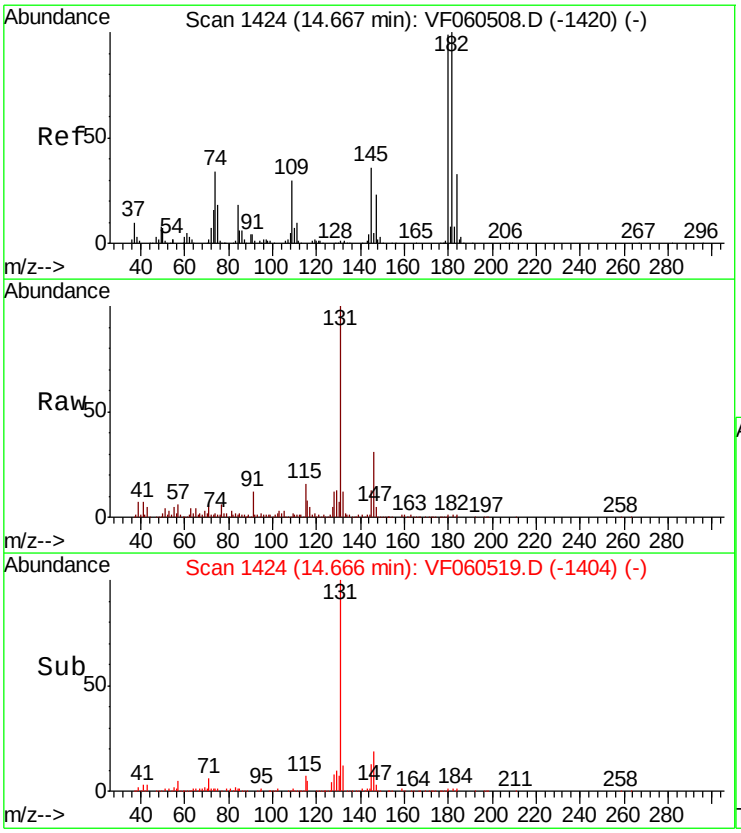
#95
Naphthalene
Concen: 16.372 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
AOC1-03A

Tgt Ion:128 Resp: 72182

Ion	Ratio	Lower	Upper
128	100		
127	21.2	10.0	15.0#
129	39.3	8.9	13.3#





#96
1,2,3-Trichlorobenzene
Concen: 1.493 ug/l
RT: 14.67 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VF060519.D
Acq: 26 Oct 2018 16:32

Tgt Ion:180 Resp: 3838

Ion	Ratio	Lower	Upper
180	100		
182	133.0	50.7	152.1
145	1363.8	18.1	54.4#