Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
Data File : VW006383.D
Acq On : 26 Oct 2018 02:34
Operator : SY/AP
Sample : J5610-04RE
Misc : 4.80G/5ML/MSVOA W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-2(6-8)RE

Quant Time: Oct 26 07:23:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	315456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	243286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86087	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	105440	58.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.60%			
35) Dibromofluoromethane	7.88	113	99839	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.12%			
50) Toluene-d8	10.32	98	350796	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.94%			
62) 4-Bromofluorobenzene	12.62	95	93463	35.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.18%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.21	59	270	2.239	ug/l #	71
13) Acrolein	3.90	56	157	1.345	ug/l #	31
16) Acetone	4.14	43	36655	100.086	ug/l	98
17) Carbon Disulfide	4.37	76	11141	2.043	ug/l	99
20) Methylene Chloride	4.90	84	2433	Below Cal	#	80
25) 2-Butanone	7.18	43	9788	20.206	ug/l	99
31) Cyclohexane	7.95	56	4193	1.278	ug/l #	42
36) 1,1-Dichloropropene	7.95	75	14150	4.867	ug/l #	49
37) Ethyl Acetate	7.18	43	9788	9.060	ug/l #	67
38) Carbon Tetrachloride	7.95	117	18864	5.918	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	1469	1.327	ug/l #	87
55) 1,1,2-Trichloroethane	10.76	97	28193	18.521	ug/l #	21
56) Ethyl methacrylate	10.66	69	6825	3.657	ug/l #	20
59) 2-Hexanone	10.94	43	18330	23.202	ug/l #	31
67) Ethyl Benzene	11.73	91	81018	8.976	ug/l	99
68) m/p-Xylenes	11.84	106	255664	71.666	ug/l	100
69) o-Xylene	12.17	106	154665	45.492	ug/l	100
70) Styrene	12.17	104	7960	1.440	ug/l #	1
73) Isopropylbenzene	12.47	105	7279	1.197	ug/l	76
74) N-amyl acetate	12.26	43	2339	1.980	ug/l #	43
76) 1,2,3-Trichloropropane	12.62	75	47620	72.422	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	47620	173.117	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.26	105	10885	2.098	ug/l	92
86) p-Isopropyltoluene	13.51	119	11295	1.927	ug/l	97
95) Naphthalene	15.38	128	12872	3.803	ug/l	97

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

Quantitation Report (Not Reviewed)

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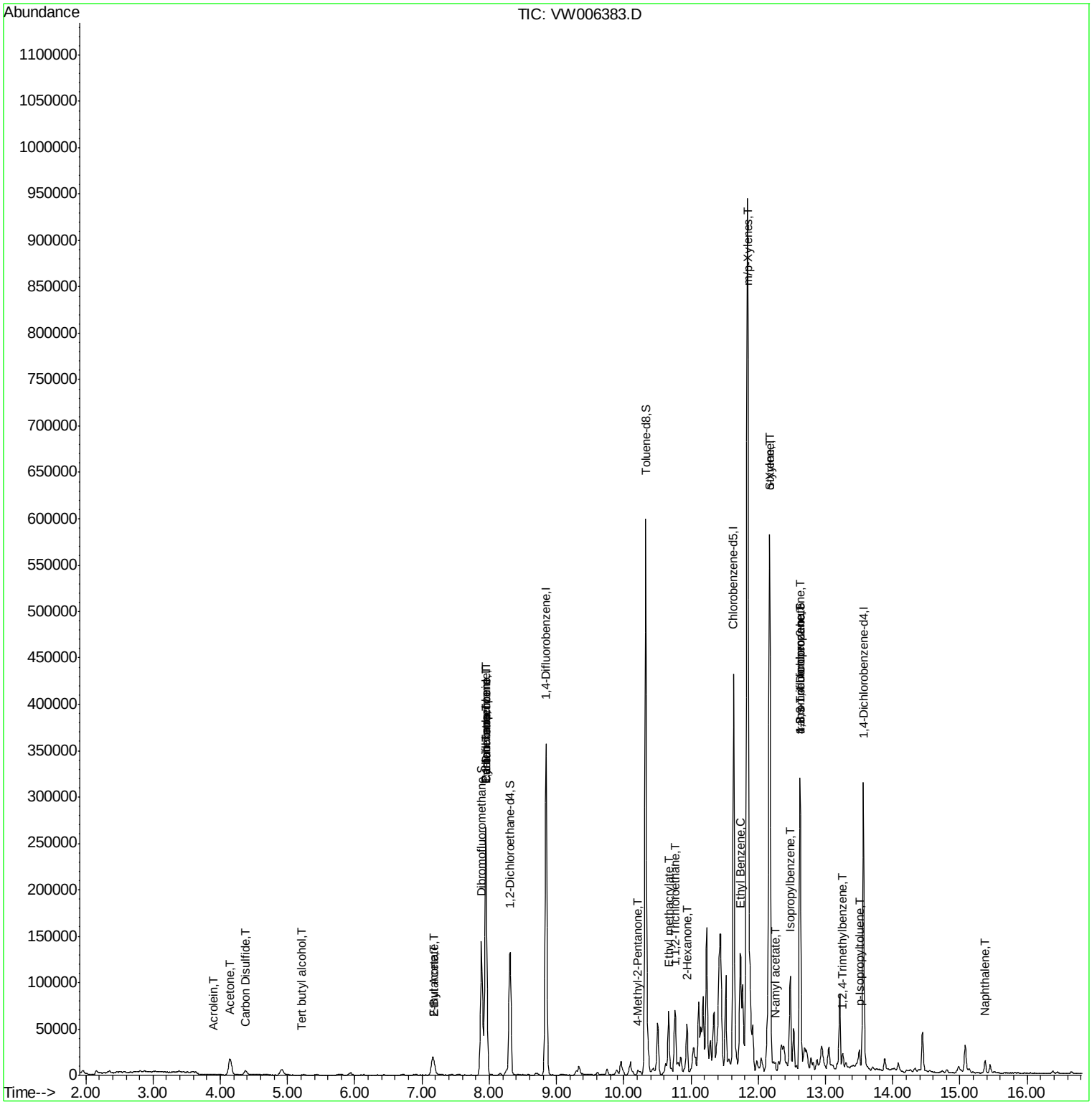
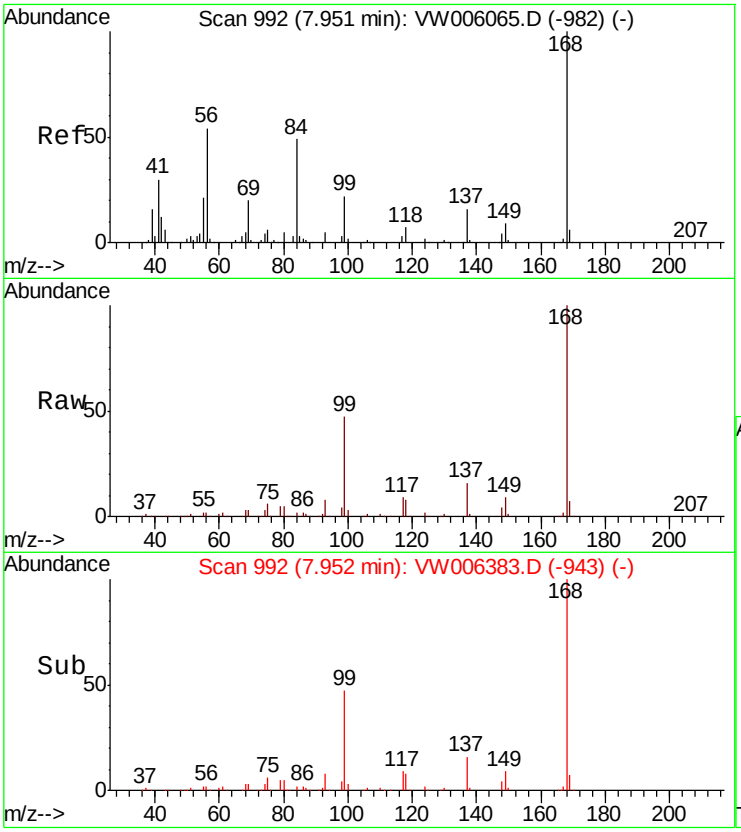
Data File : VW006383.D
Acq On : 26 Oct 2018 02:34
Operator : SY/AP
Sample : J5610-04RE
Misc : 4.80G/5ML/MSVOA W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)RE

Quant Time: Oct 26 07:23:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration



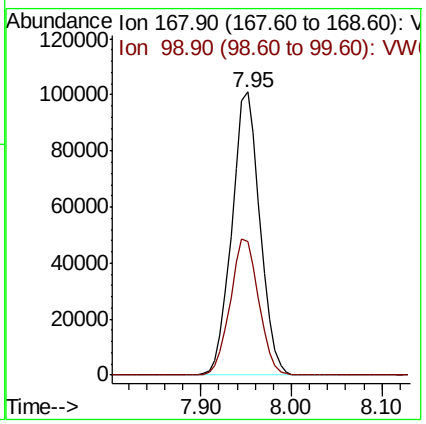


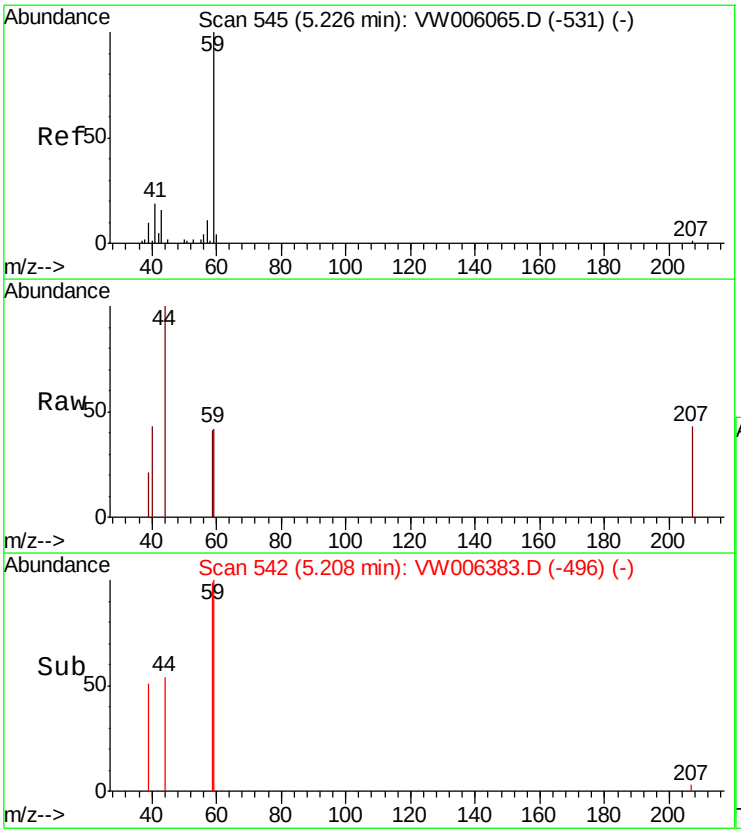
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)RE

Tgt Ion:168 Resp: 216283

Ion	Ratio	Lower	Upper
168	100		
99	47.1	39.9	59.9

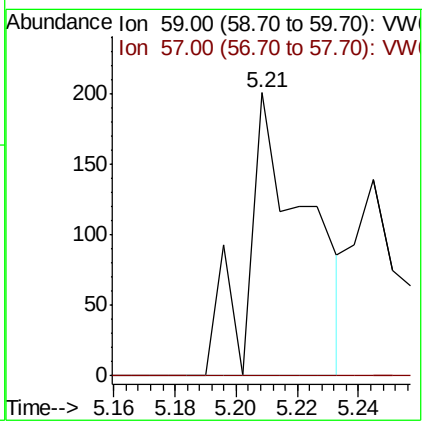


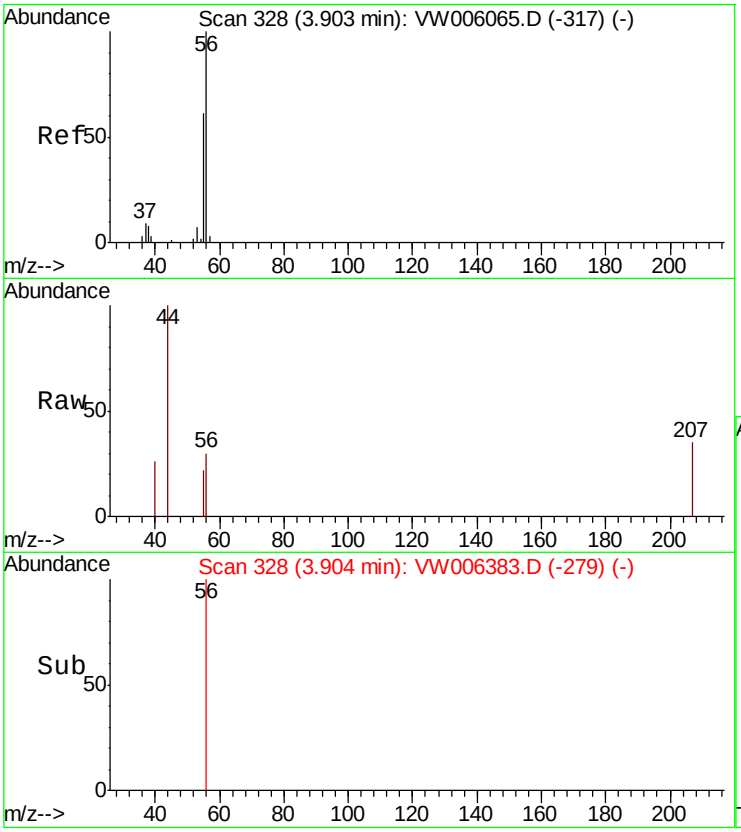


#11
Tert butyl alcohol
Concen: 2.239 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.02 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion: 59 Resp: 270

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



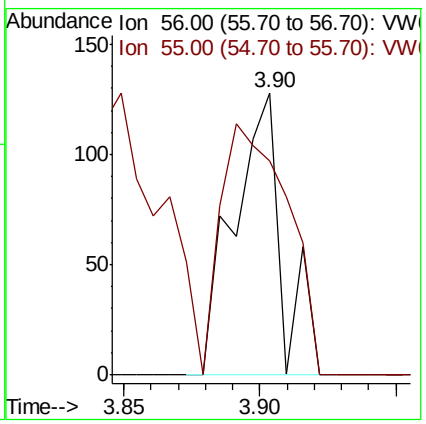


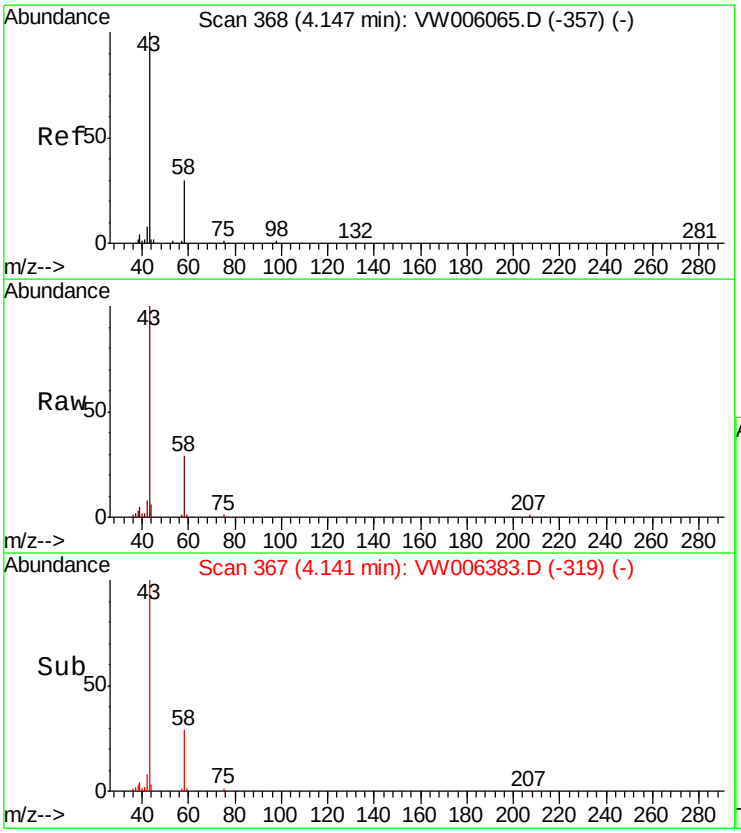
#13
Acrolein
Concen: 1.345 ug/l
RT: 3.90 min Scan# 328
Delta R.T. 0.00 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument : MSVOA_W
ClientSampleId : SB-2(6-8)RE

Tgt Ion: 56 Resp: 157

Ion	Ratio	Lower	Upper
56	100		
55	124.2	54.5	81.7#

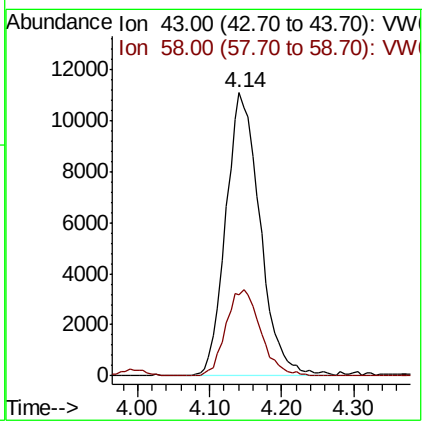


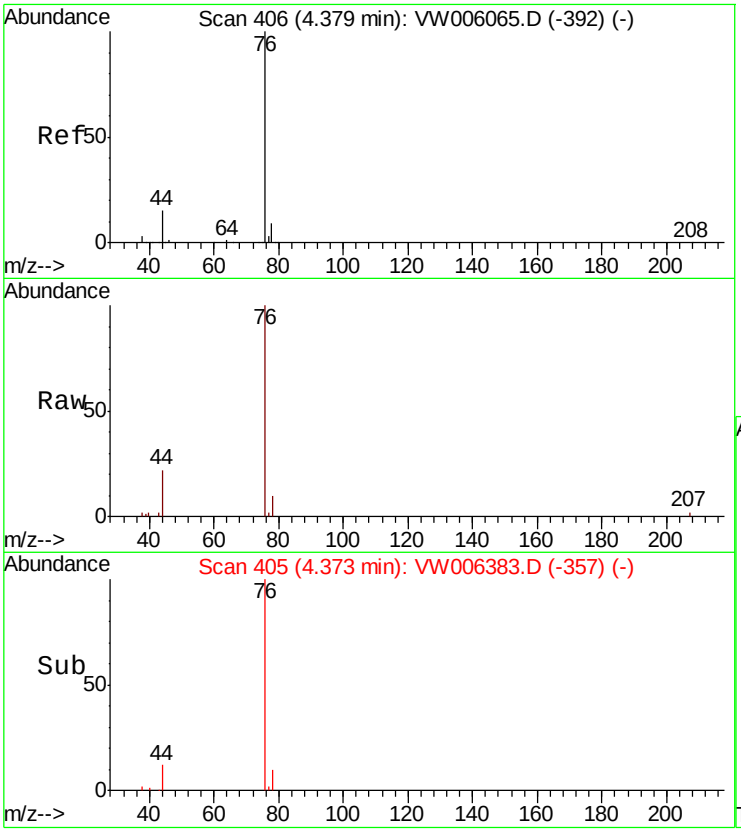


#16
Acetone
Concen: 100.086 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion: 43 Resp: 36655

Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.0	36.0



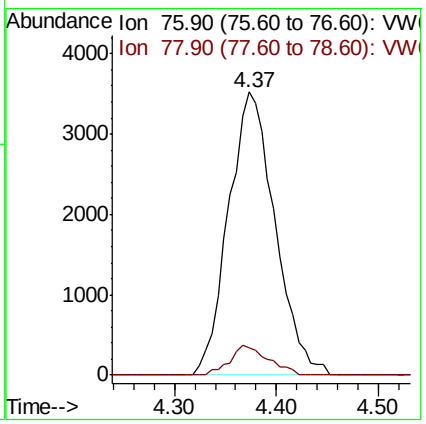


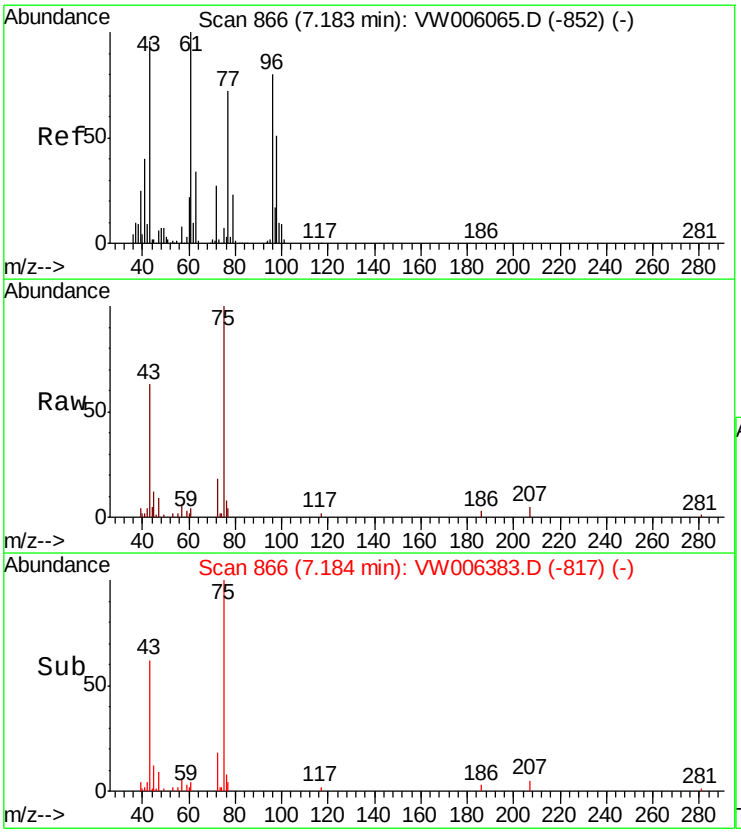
#17
Carbon Disulfide
Concen: 2.043 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)RE

Tgt Ion: 76 Resp: 11141

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.5	11.3

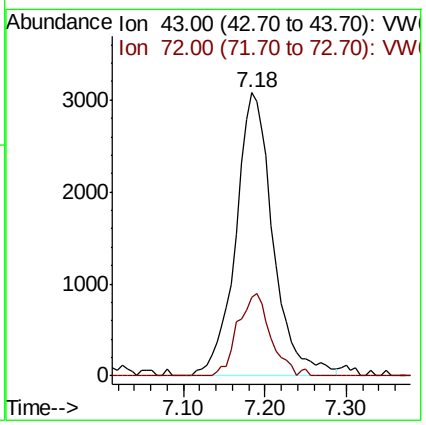


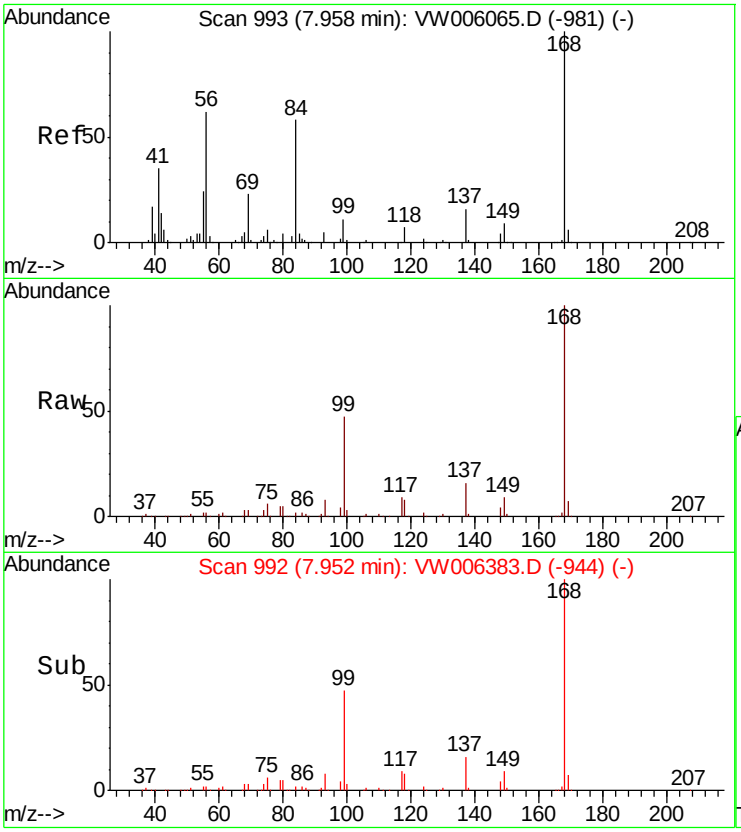


#25
2-Butanone
Concen: 20.206 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion: 43 Resp: 9788

Ion	Ratio	Lower	Upper
43	100		
72	27.7	22.8	34.2



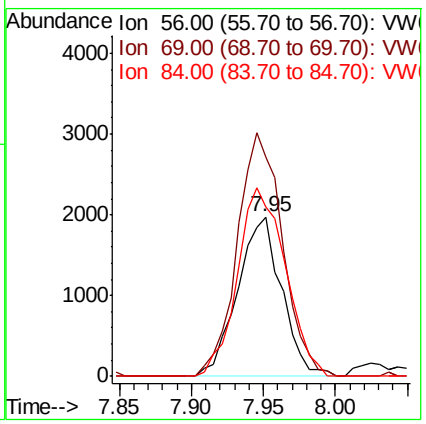


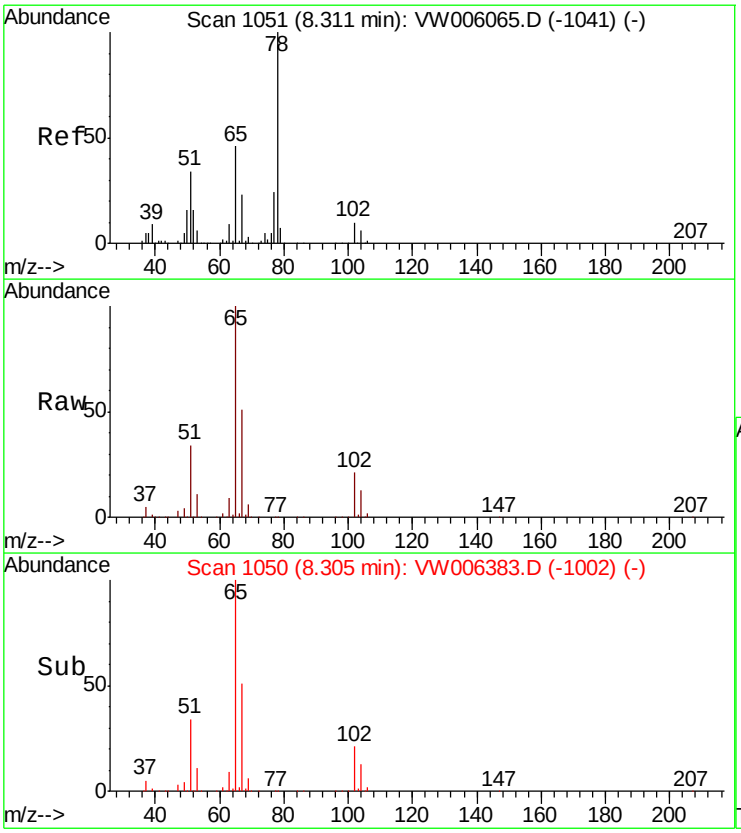
#31
Cyclohexane
Concen: 1.278 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)RE

Tgt Ion: 56 Resp: 4193

Ion	Ratio	Lower	Upper
56	100		
69	137.6	29.4	44.0#
84	106.1	74.0	111.0

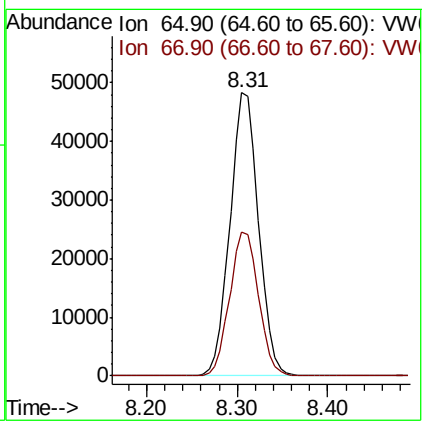


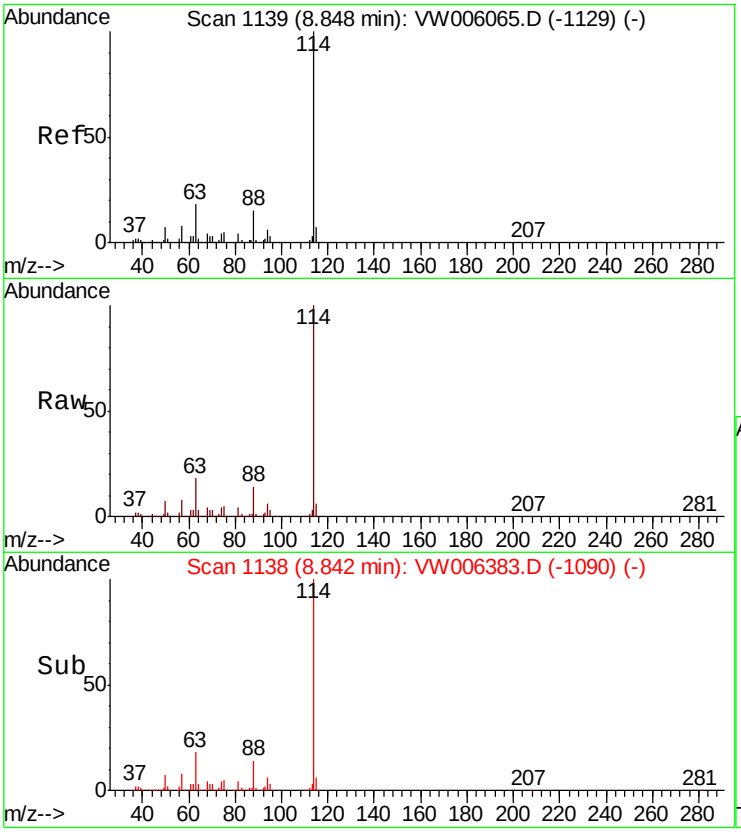


#33
1,2-Dichloroethane-d4
Concen: 58.803 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion: 65 Resp: 105440

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	101.0



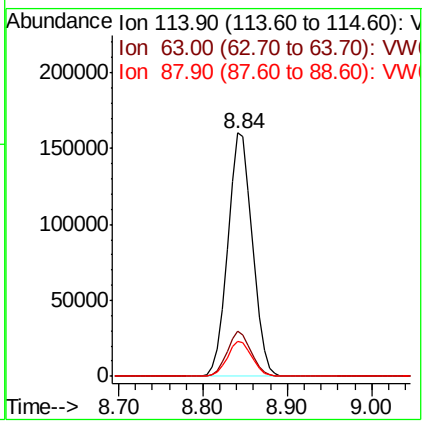


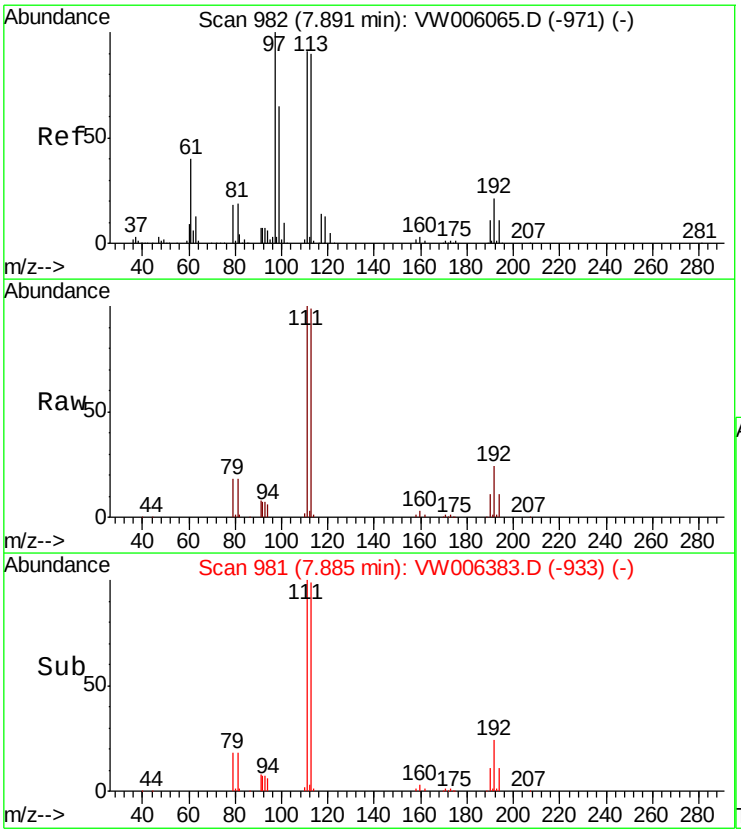
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument : MSVOA_W
ClientSampleId : SB-2(6-8)RE

Tgt Ion:114 Resp: 315456

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.8
88	14.5	0.0	29.0

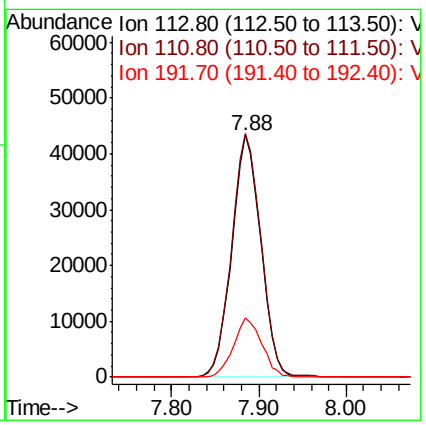


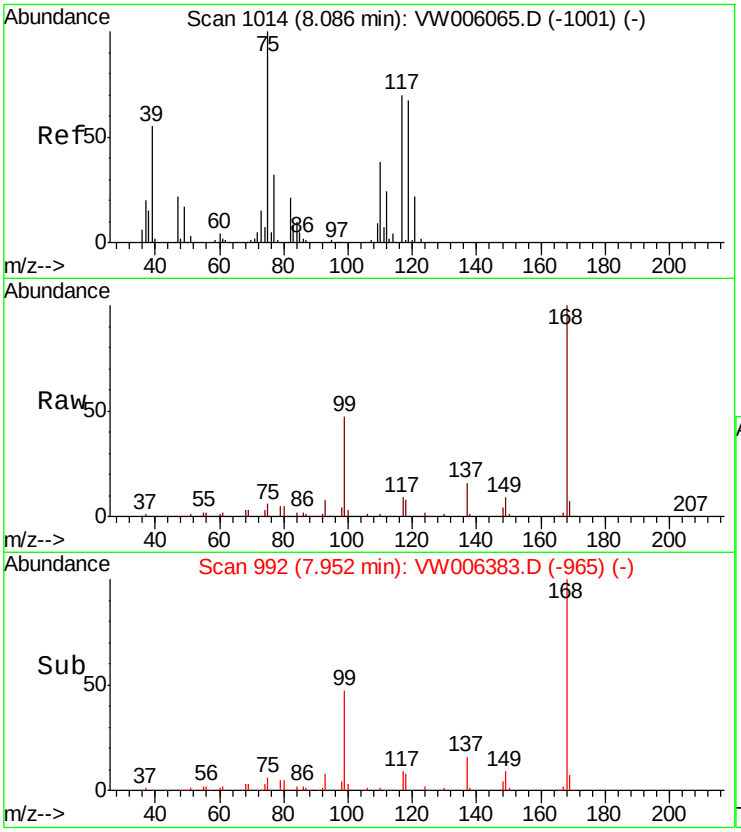


#35
Dibromofluoromethane
Concen: 53.561 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion:113 Resp: 99839

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.0
192	23.8	18.7	28.1



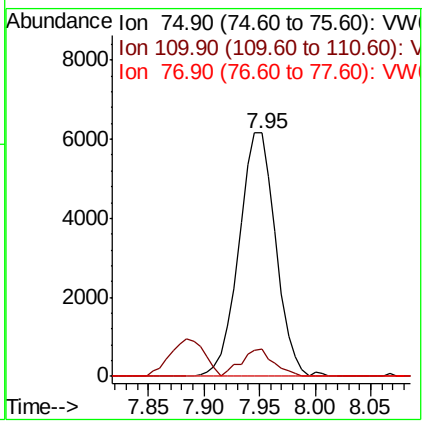


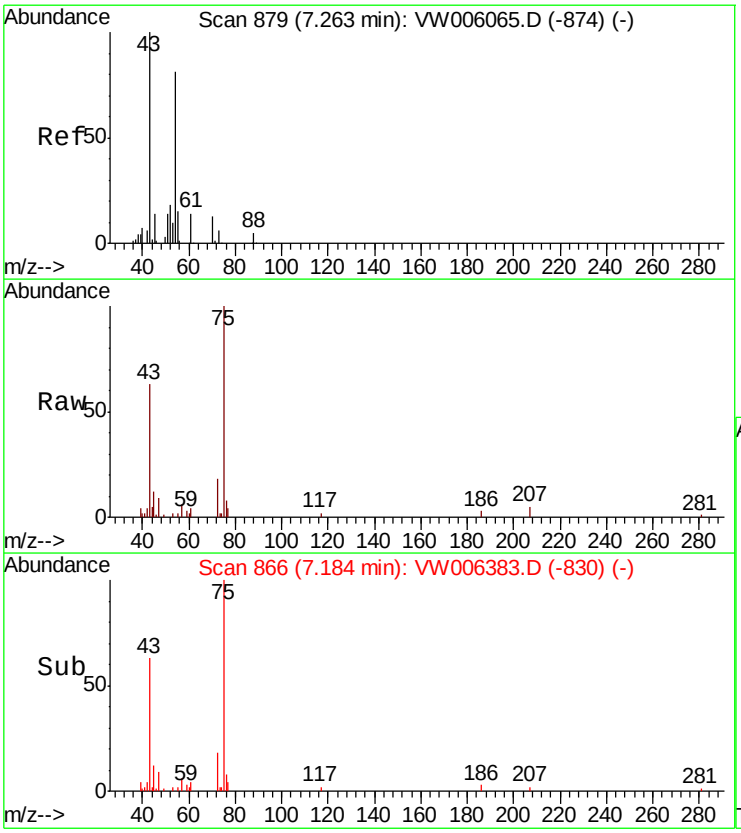
#36
1,1-Dichloropropene
Concen: 4.867 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)RE

Tgt Ion: 75 Resp: 14150

Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.1	57.1#
77	0.0	25.0	37.4#

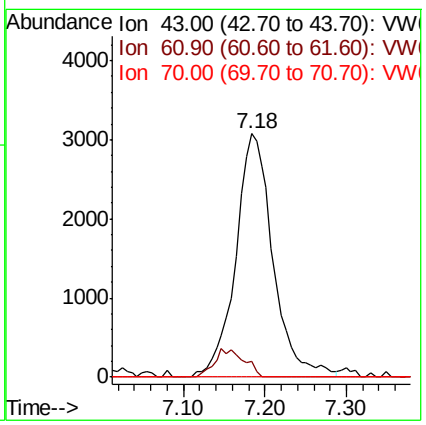


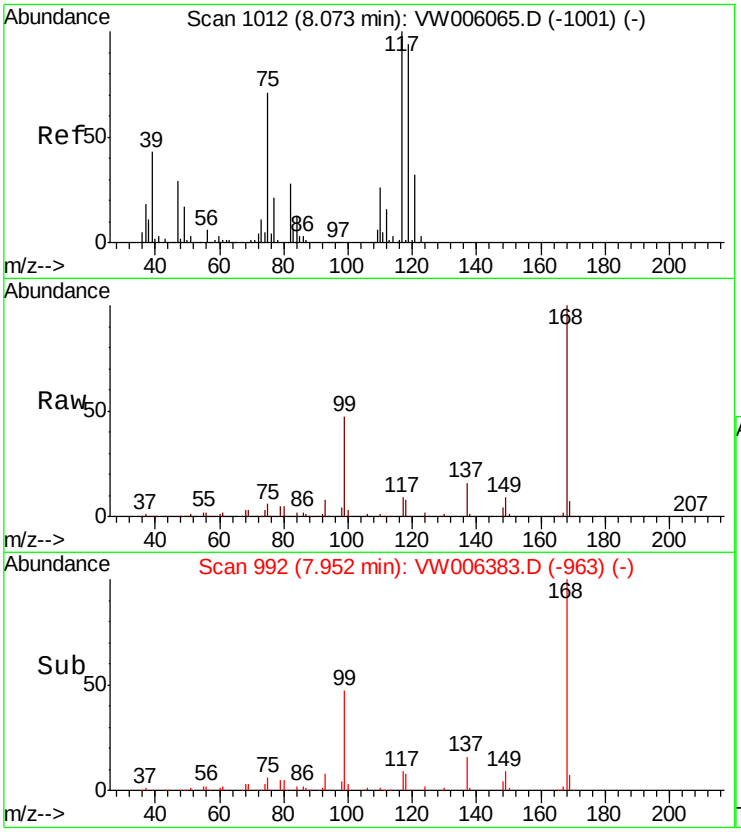


#37
Ethyl Acetate
Concen: 9.060 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.08 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion: 43 Resp: 9788

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	9.2	13.8#



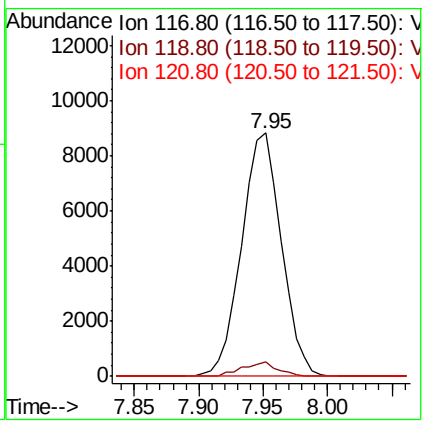


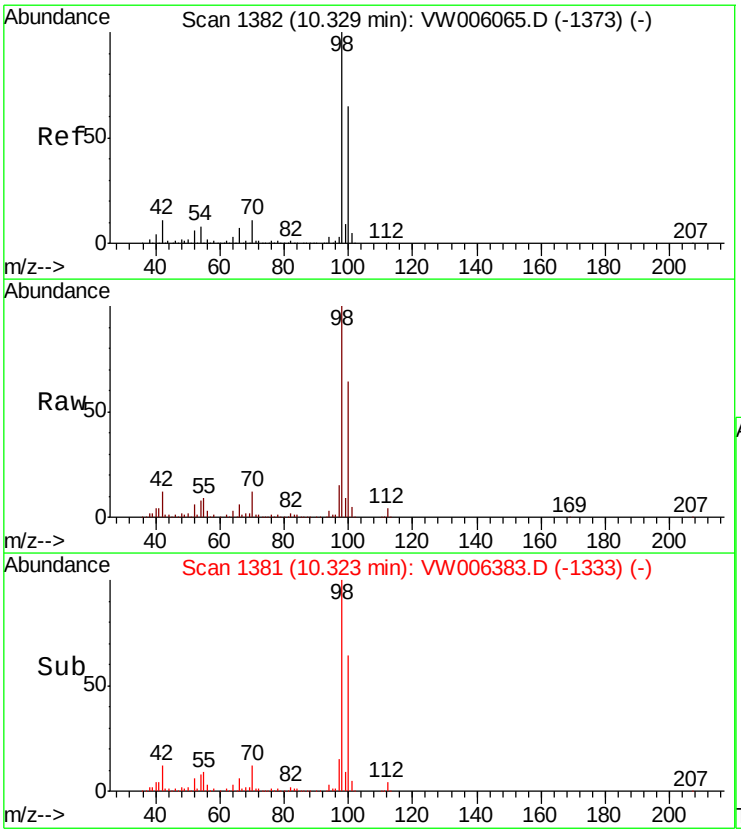
#38
Carbon Tetrachloride
Concen: 5.918 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument : MSVOA_W
ClientSampleId : SB-2(6-8)RE

Tgt Ion:117 Resp: 18864

Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.2	112.8#
121	0.0	25.3	37.9#

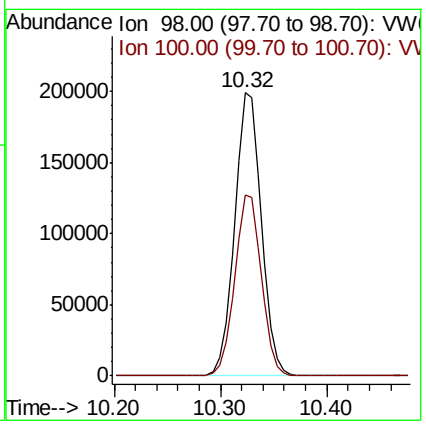


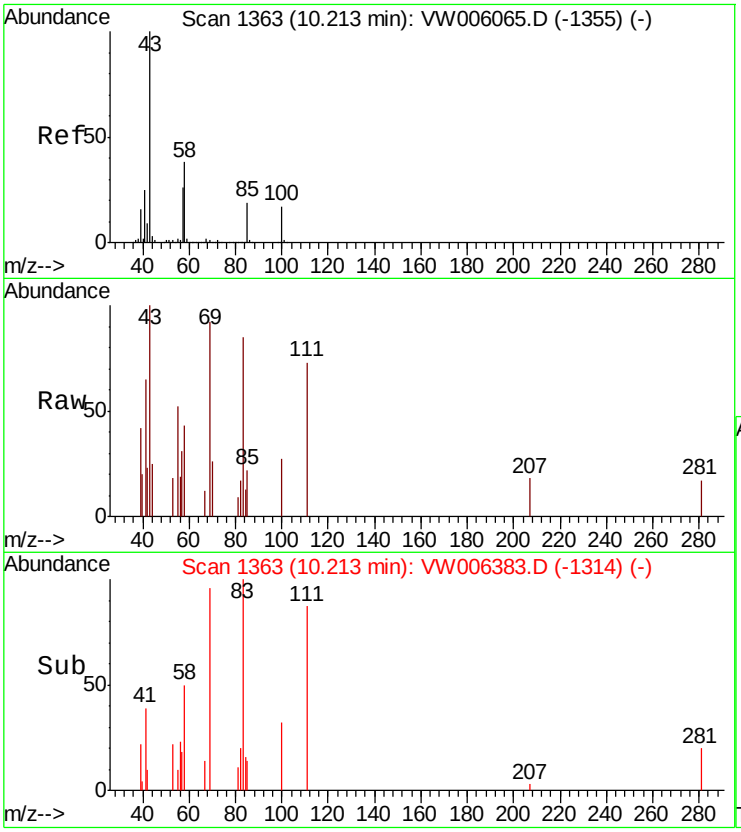


#50
Toluene-d8
Concen: 49.466 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion: 98 Resp: 350796

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.6	77.4



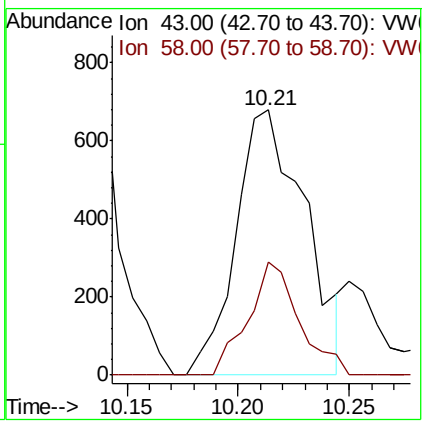


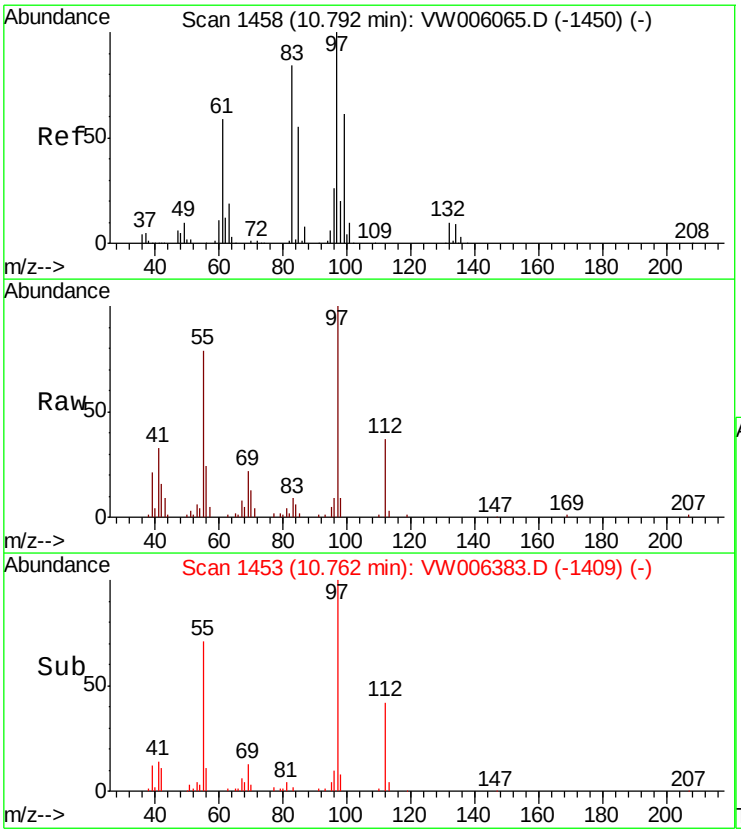
#51
4-Methyl-2-Pentanone
Concen: 1.327 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument : MSVOA_W
ClientSampleId : SB-2(6-8)RE

Tgt Ion: 43 Resp: 1469

Ion	Ratio	Lower	Upper
43	100		
58	31.4	31.5	47.3#

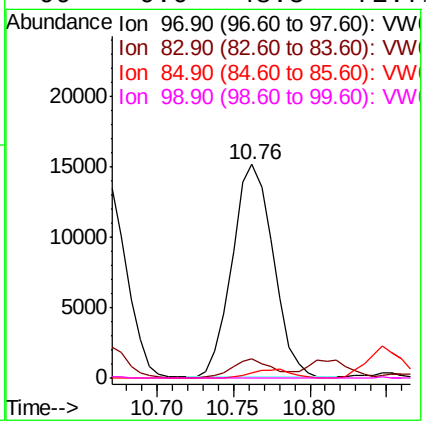


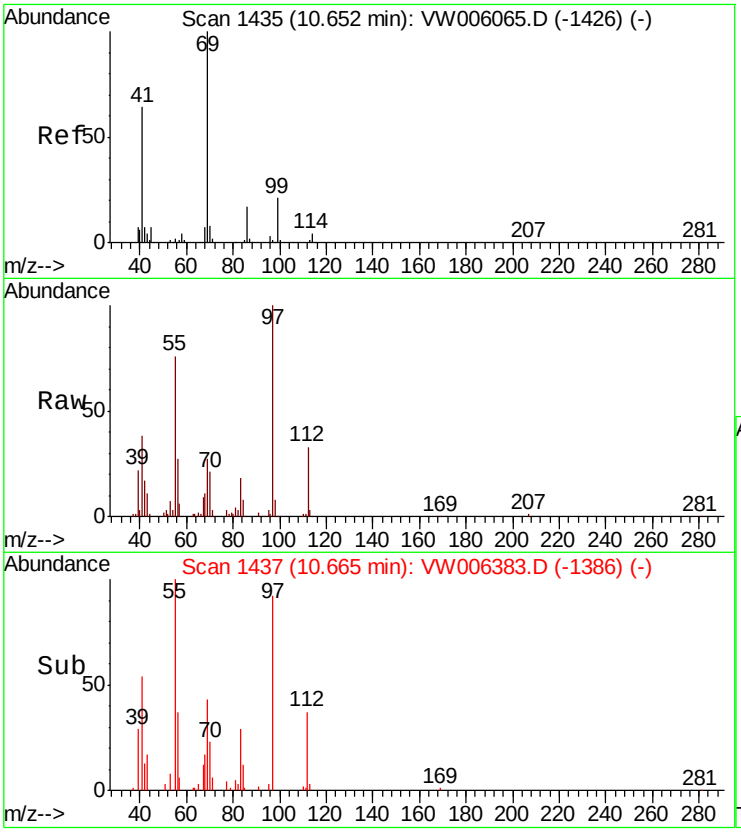


#55
1,1,2-Trichloroethane
Concen: 18.521 ug/l
RT: 10.76 min Scan# 1453
Delta R.T. -0.03 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion: 97 Resp: 28193

Ion	Ratio	Lower	Upper
97	100		
83	8.8	67.2	100.8#
85	2.5	43.7	65.5#
99	0.0	48.5	72.7#



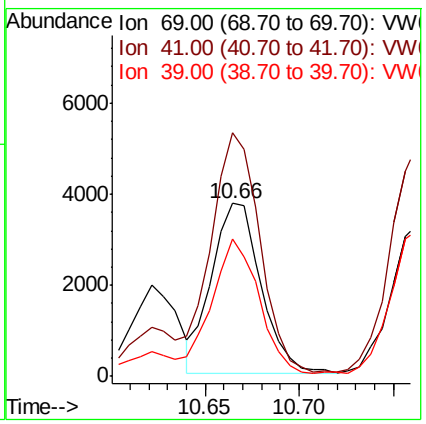


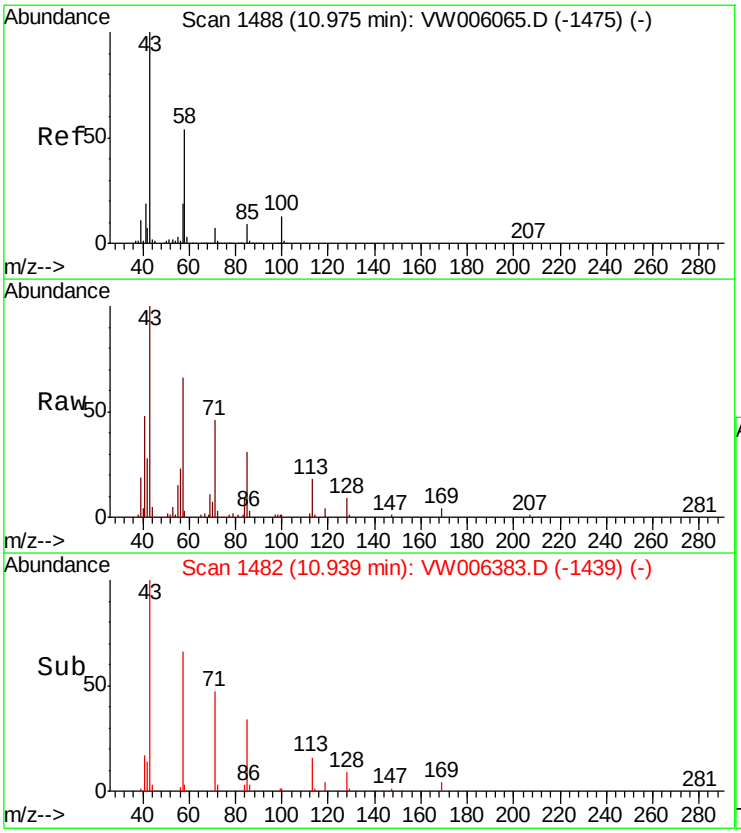
#56
Ethyl methacrylate
Concen: 3.657 ug/l
RT: 10.66 min Scan# 1437
Delta R.T. 0.01 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument : MSVOA_W
ClientSampleId : SB-2(6-8)RE

Tgt Ion: 69 Resp: 6825

Ion	Ratio	Lower	Upper
69	100		
41	138.4	52.8	79.2#
39	75.2	30.6	45.8#

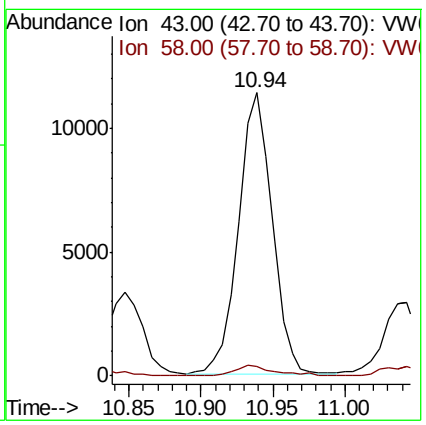


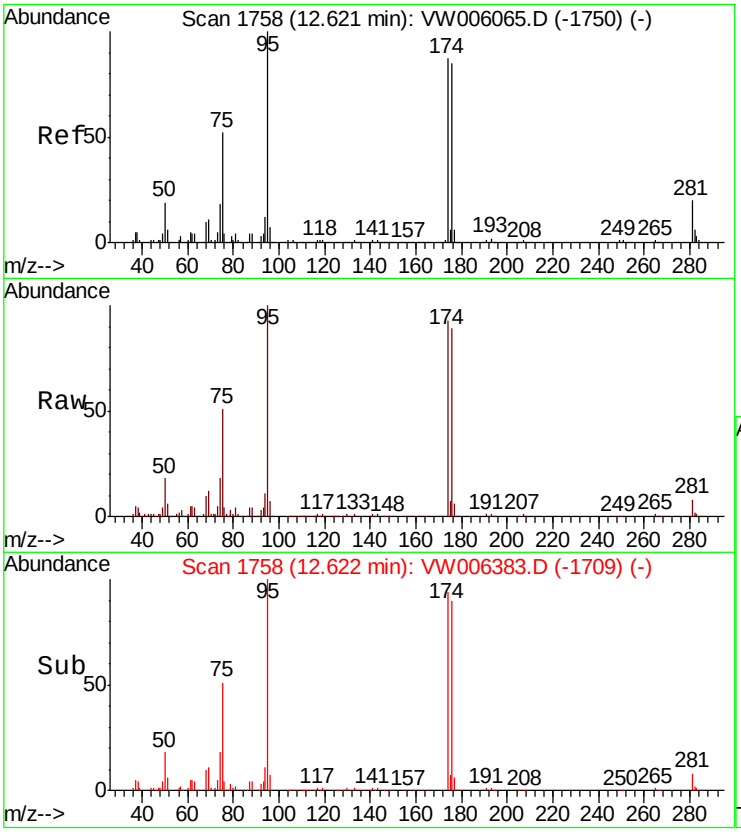


#59
2-Hexanone
Concen: 23.202 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.04 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion: 43 Resp: 18330

Ion	Ratio	Lower	Upper
43	100		
58	4.2	26.9	80.6#



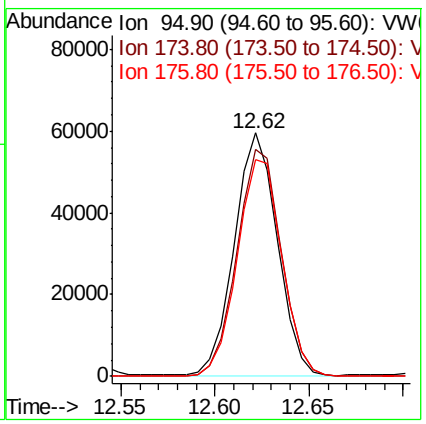


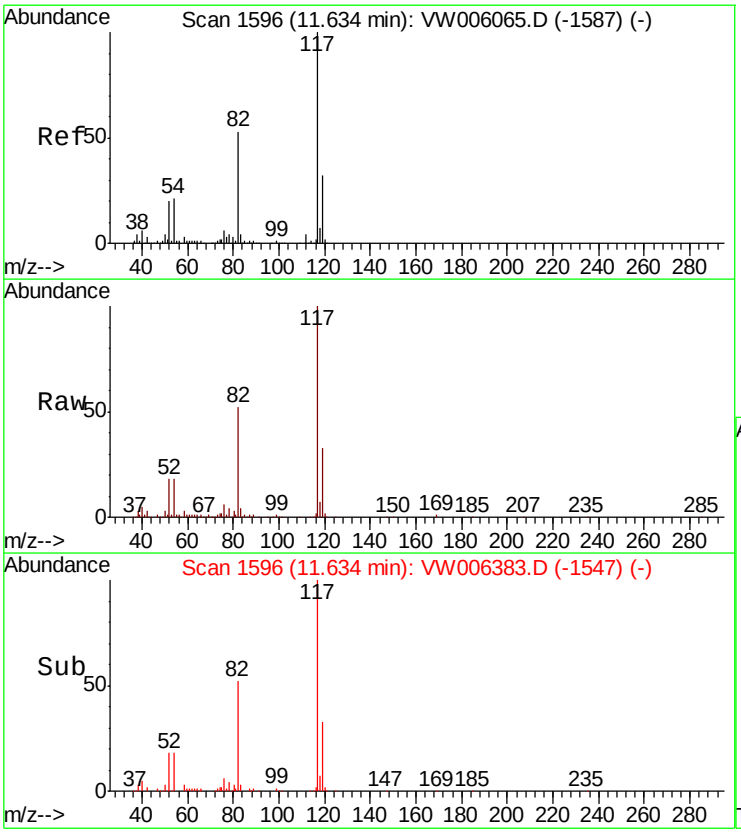
#62
4-Bromofluorobenzene
Concen: 35.090 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)RE

Tgt Ion: 95 Resp: 93463

Ion	Ratio	Lower	Upper
95	100		
174	96.6	0.0	186.0
176	93.2	0.0	181.6

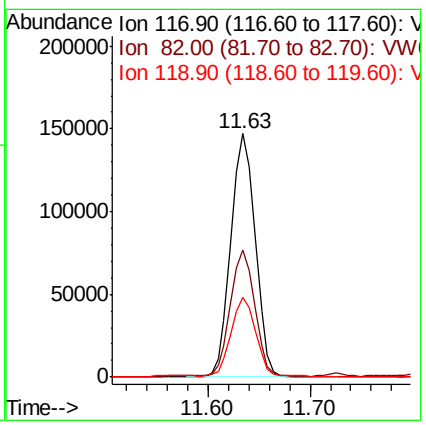


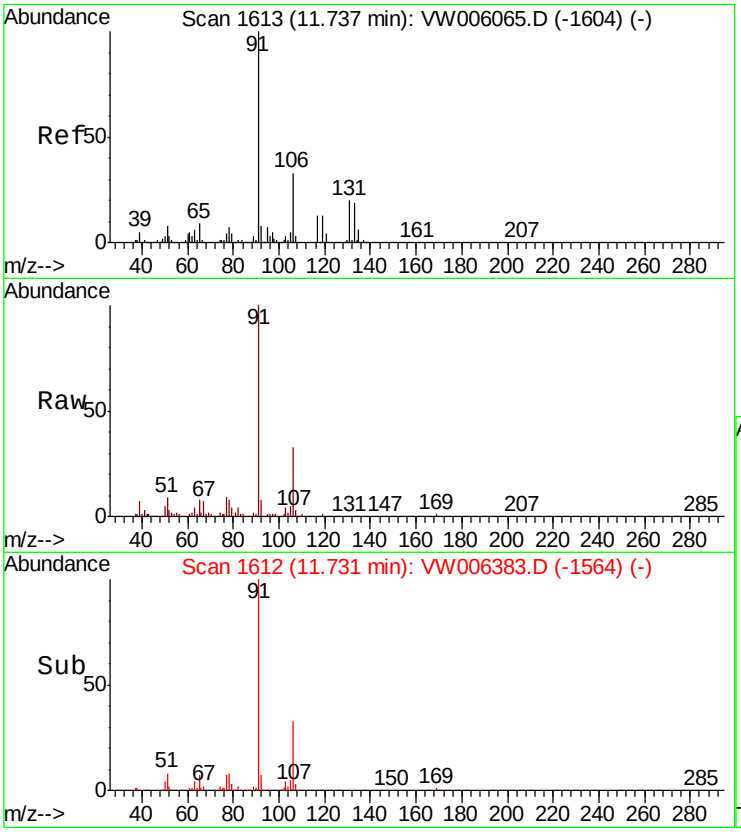


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion:117 Resp: 243286

Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.1	63.1
119	32.7	25.8	38.6



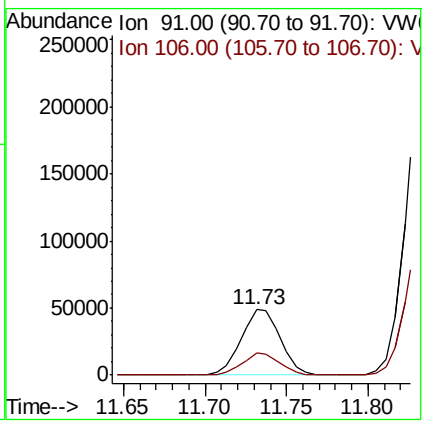


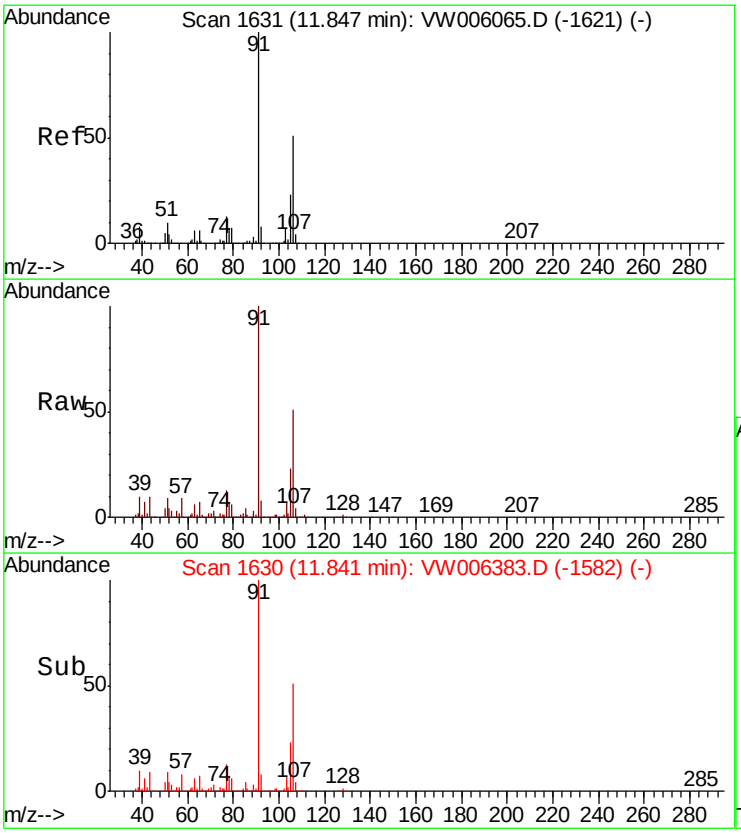
#67
Ethyl Benzene
Concen: 8.976 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument : MSVOA_W
ClientSampleId : SB-2(6-8)RE

Tgt Ion: 91 Resp: 81018

Ion	Ratio	Lower	Upper
91	100		
106	33.2	26.1	39.1

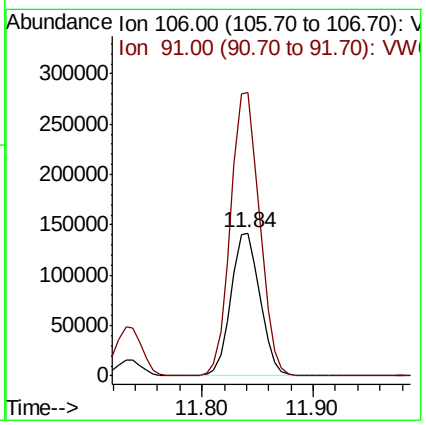


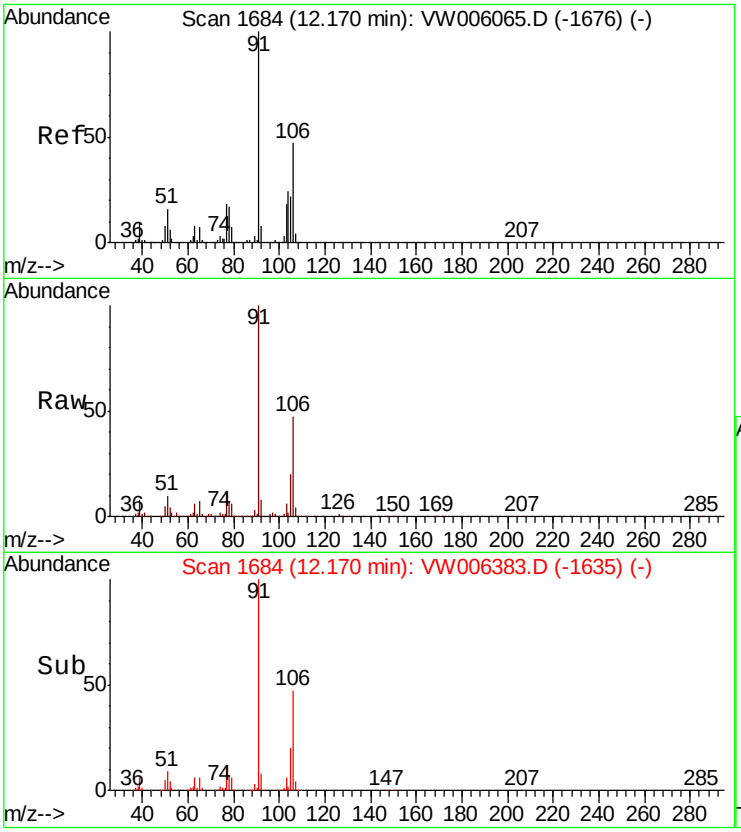


#68
m/p-Xylenes
Concen: 71.666 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion:106 Resp: 255664

Ion	Ratio	Lower	Upper
106	100		
91	199.3	159.1	238.7



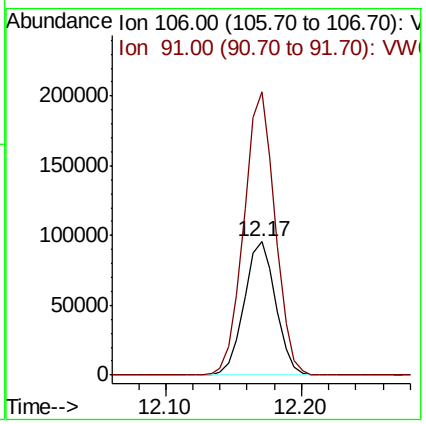


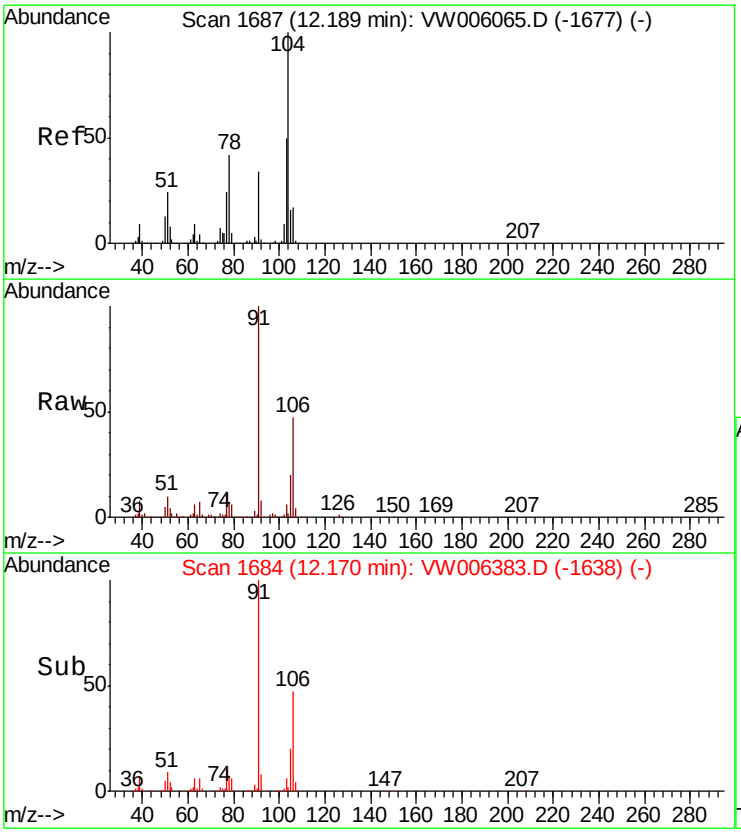
#69
o-Xylene
Concen: 45.492 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)RE

Tgt Ion:106 Resp: 154665

Ion	Ratio	Lower	Upper
106	100		
91	210.7	105.4	316.1

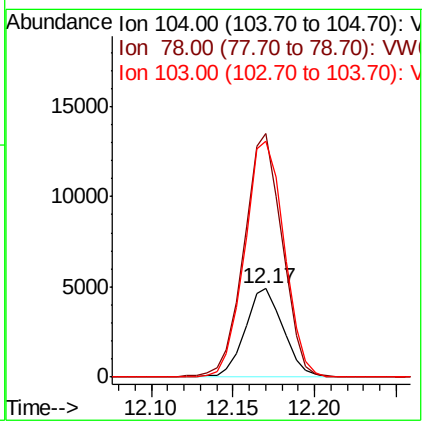


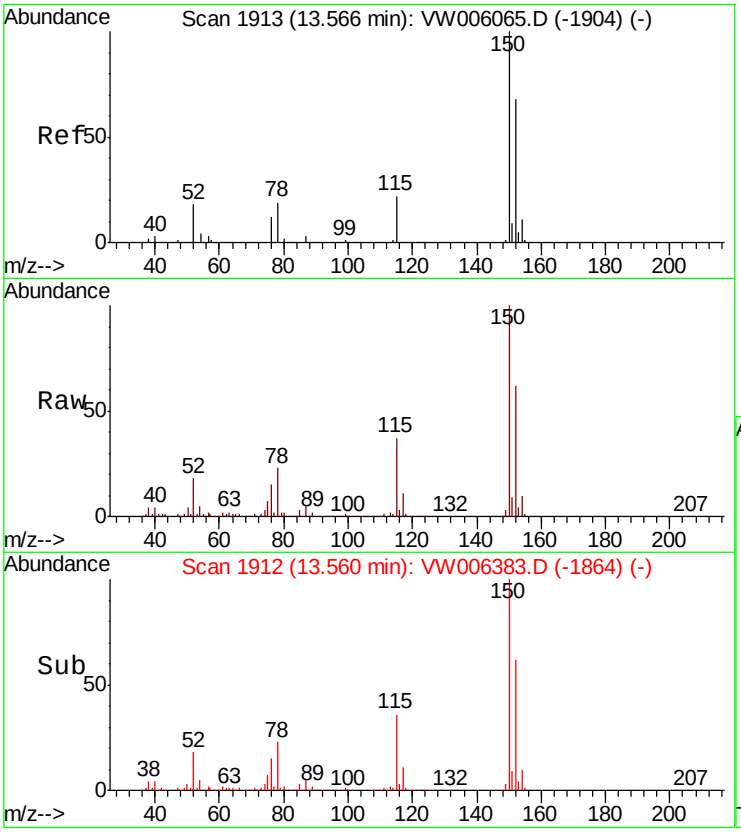


#70
Styrene
Concen: 1.440 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.02 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion:104 Resp: 7960

Ion	Ratio	Lower	Upper
104	100		
78	277.5	39.1	58.7#
103	276.9	44.3	66.5#



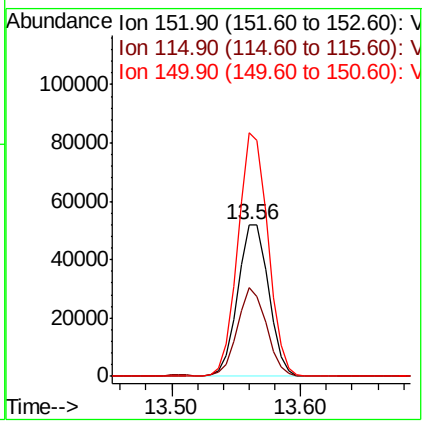


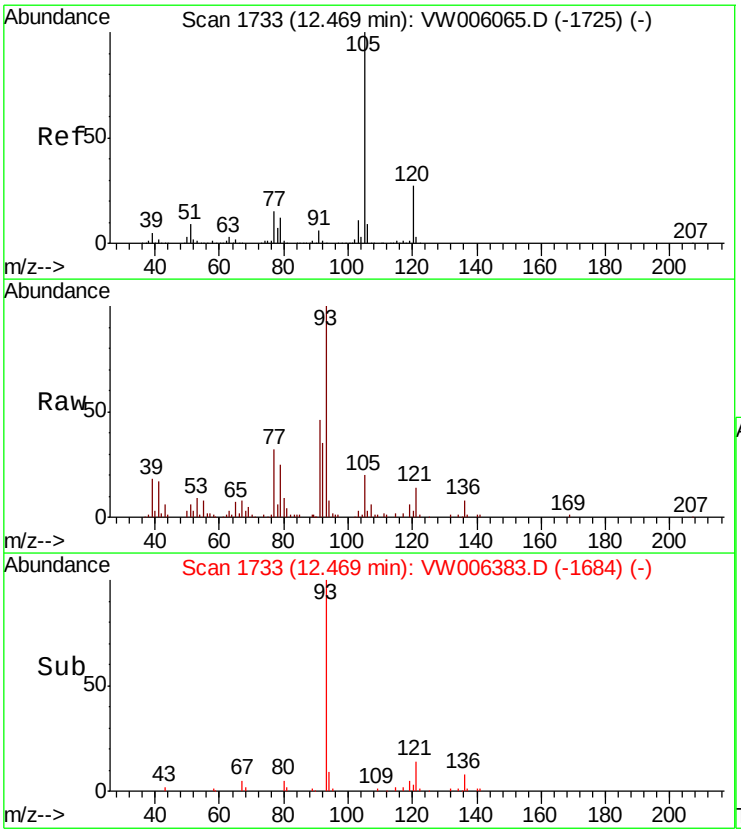
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument : MSVOA_W
ClientSampleId : SB-2(6-8)RE

Tgt Ion:152 Resp: 86087

Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.8	83.3
150	155.9	0.0	349.2

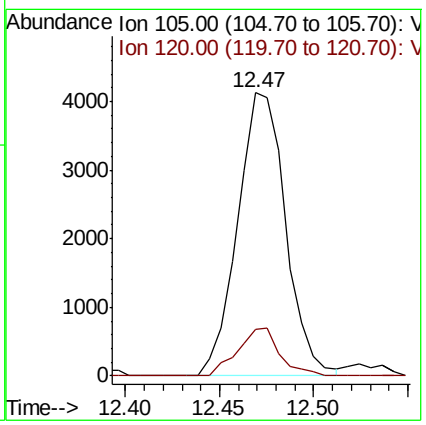


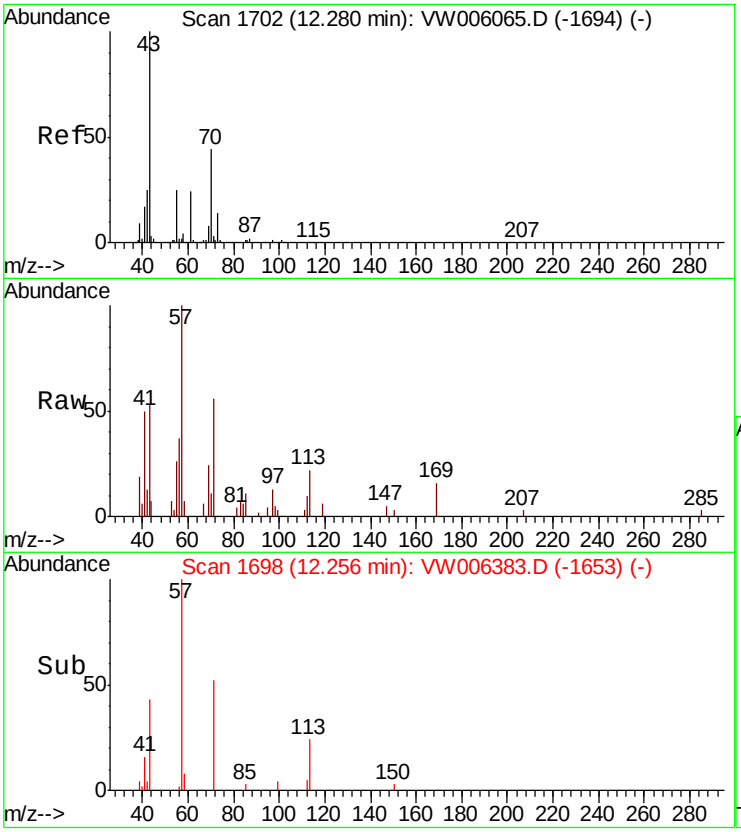


#73
Isopropylbenzene
Concen: 1.197 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion:105 Resp: 7279

Ion	Ratio	Lower	Upper
105	100		
120	14.8	13.6	40.7



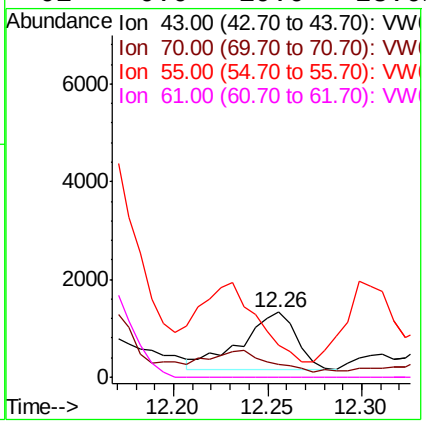


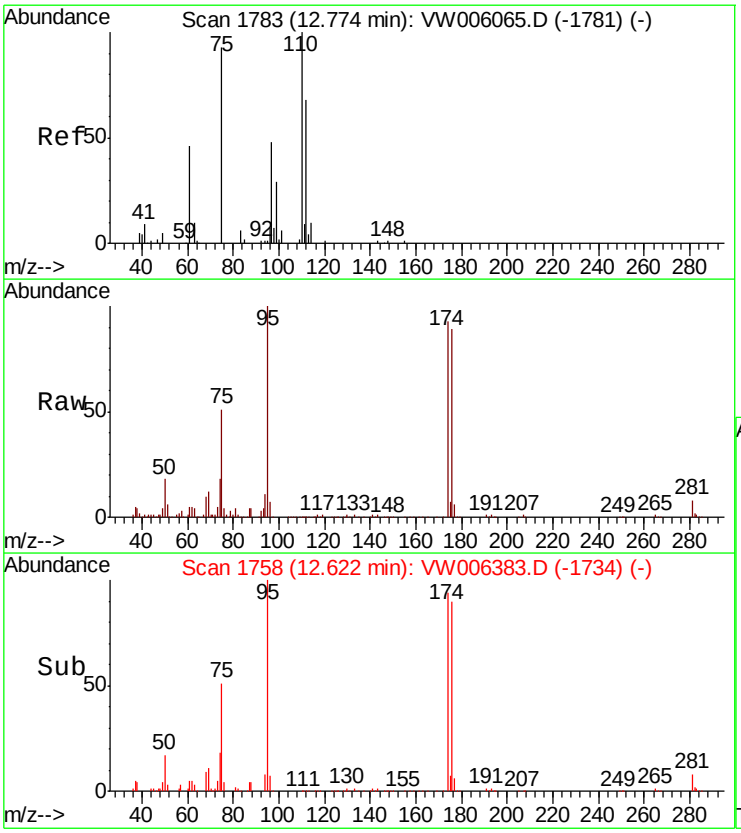
#74
N-amyl acetate
Concen: 1.980 ug/l
RT: 12.26 min Scan# 1698
Delta R.T. -0.02 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument : MSVOA_W
ClientSampleId : SB-2(6-8)RE

Tgt Ion: 43 Resp: 2339

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.2	51.4#
55	0.0	19.2	28.8#
61	0.0	19.0	28.6#

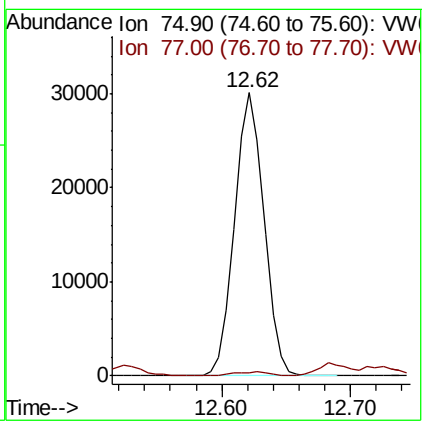


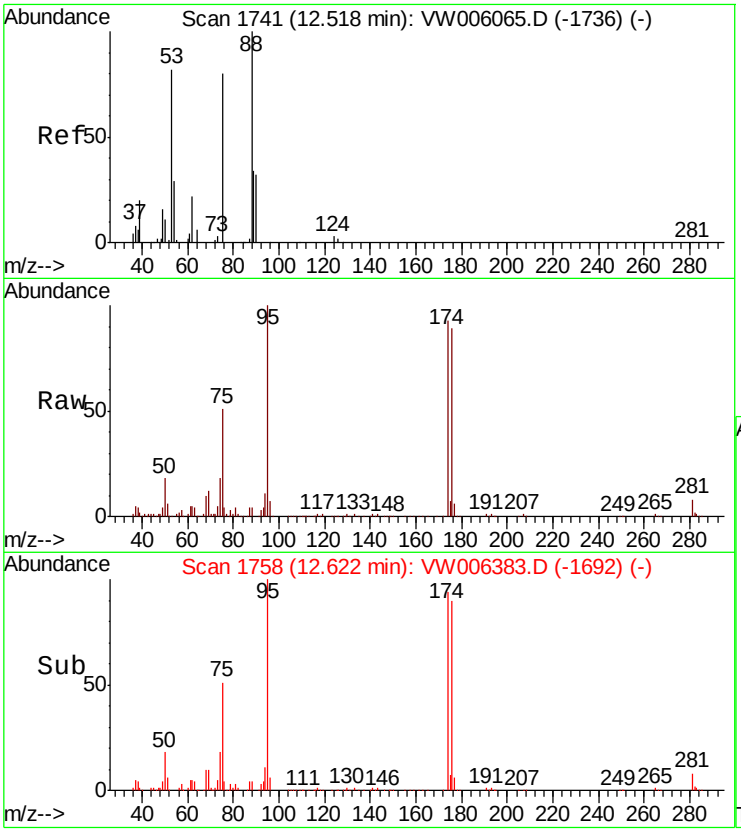


#76
1,2,3-Trichloropropane
Concen: 72.422 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion: 75 Resp: 47620

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#



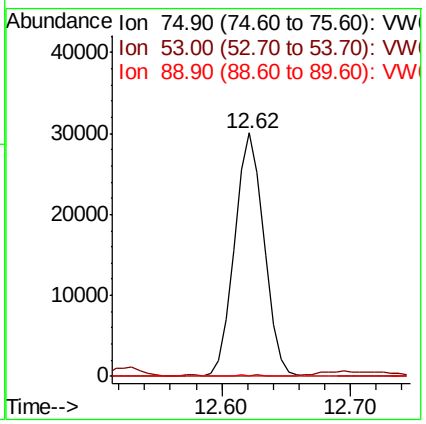


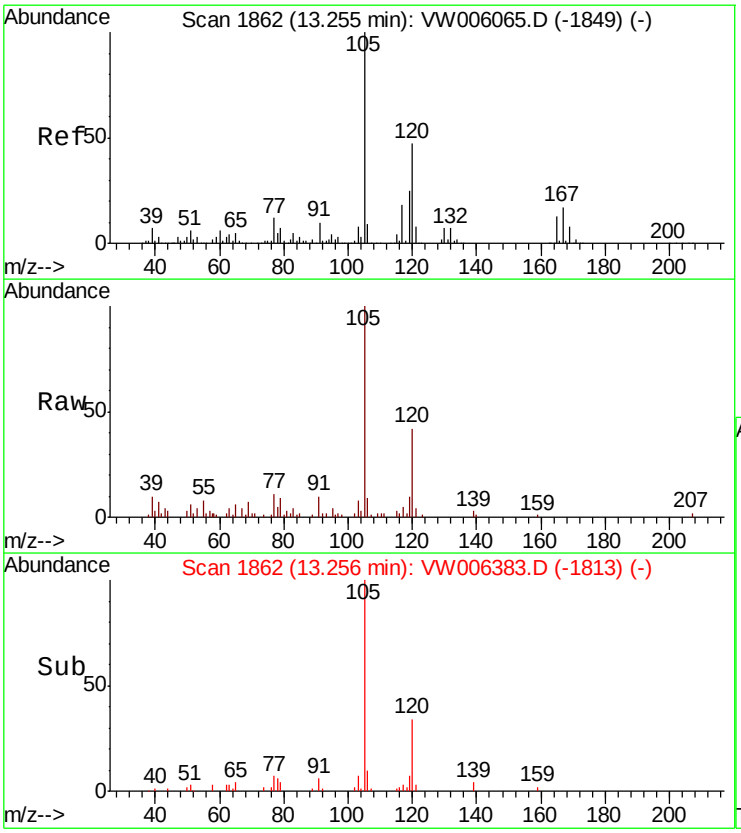
#81
trans-1,4-Dichloro-2-butene
Concen: 173.117 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)RE

Tgt Ion: 75 Resp: 47620

Ion	Ratio	Lower	Upper
75	100		
53	0.4	79.8	119.6#
89	0.1	37.5	56.3#

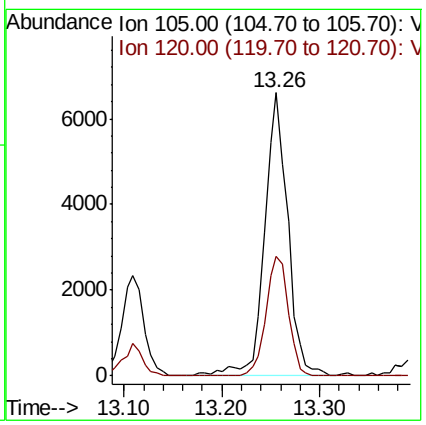


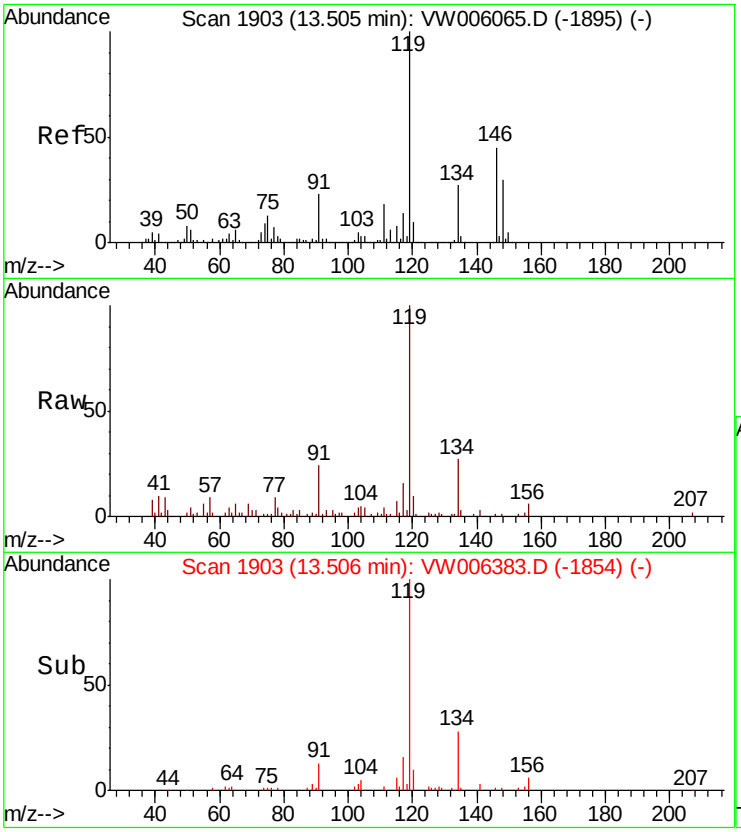


#84
1,2,4-Trimethylbenzene
Concen: 2.098 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion:105 Resp: 10885

Ion	Ratio	Lower	Upper
105	100		
120	40.8	23.1	69.3



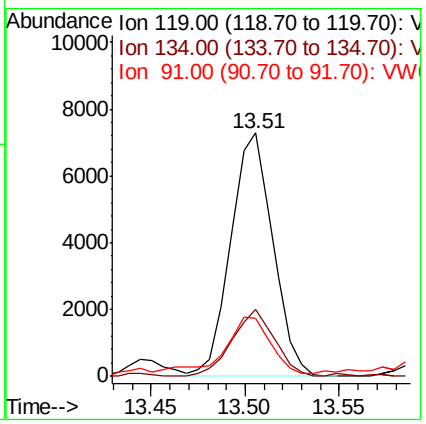


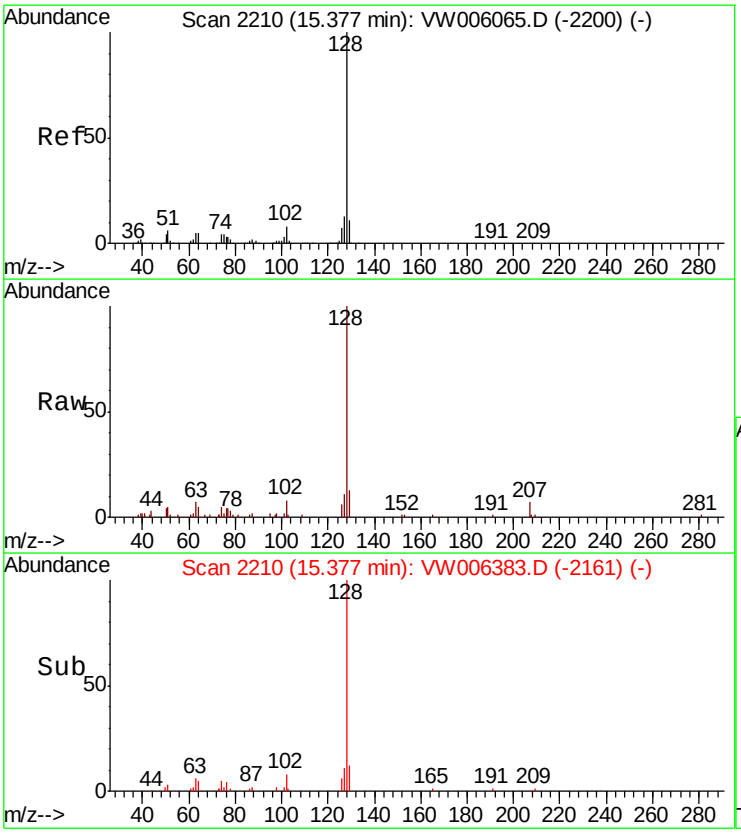
#86
p-Isopropyltoluene
Concen: 1.927 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)RE

Tgt Ion:119 Resp: 11295

Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.4	40.2
91	25.2	11.4	34.1





#95
Naphthalene
Concen: 3.803 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion:128 Resp: 12872

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	12.8	8.7	13.1