Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
Data File : VW006149.D
Acq On : 18 Oct 2018 03:13
Operator : VA/AP
Sample : J5579-01
Misc : 5.26G/5ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 7-1-ROLLOFFS

Quant Time: Oct 18 10:49:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	352464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	233708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	65198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	104236	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.74%			
35) Dibromofluoromethane	7.88	113	100860	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.86%			
50) Toluene-d8	10.33	98	296003	37.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.72%			
62) 4-Bromofluorobenzene	12.62	95	73483	24.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 49.38%			
Target Compounds						Qvalue
8) Diethyl Ether	3.68	74	2460	2.34	ug/l #	47
16) Acetone	4.14	43	3437	Below Cal		93
18) Methyl Acetate	4.69	43	2196	2.26	ug/l #	70
20) Methylene Chloride	4.92	84	13714	5.24	ug/l	93
25) 2-Butanone	7.18	43	774	1.48	ug/l #	46
29) Tetrahydrofuran	7.54	42	476	1.48	ug/l #	63
31) Cyclohexane	7.95	56	4416	1.25	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	14704	4.53	ug/l #	49
38) Carbon Tetrachloride	7.95	117	20707	5.81	ug/l #	16
52) Toluene	10.39	92	6717	1.12	ug/l	99
59) 2-Hexanone	10.94	43	1252	1.42	ug/l #	25
67) Ethyl Benzene	11.74	91	33456	3.86	ug/l	98
68) m/p-Xylenes	11.84	106	4309	1.26	ug/l	87
69) o-Xylene	12.17	106	4954	1.52	ug/l	99
73) Isopropylbenzene	12.47	105	6661	1.45	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	37617	75.54	ug/l #	100
78) n-propylbenzene	12.81	91	7243	1.35	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	37617	180.57	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.26	105	8145	2.07	ug/l	98
86) p-Isopropyltoluene	13.51	119	5748	1.29	ug/l	96
89) n-Butylbenzene	13.83	91	4510	1.11	ug/l #	73
90) Hexachloroethane	14.10	117	1972	2.62	ug/l #	4
95) Naphthalene	15.38	128	17172	6.70	ug/l	96

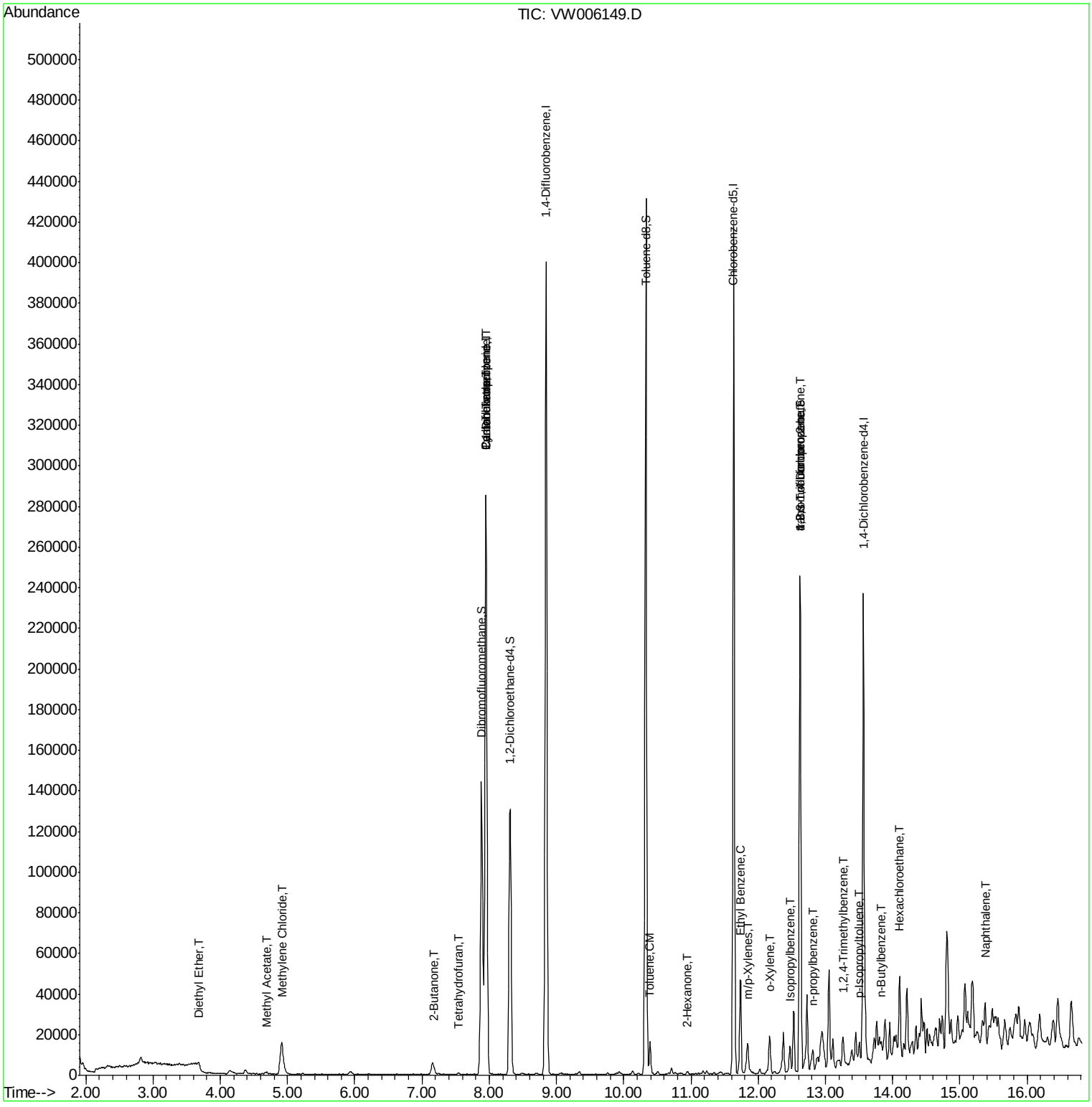
(#) = qualifier out of range (m) = manual integration (+) = signals summed

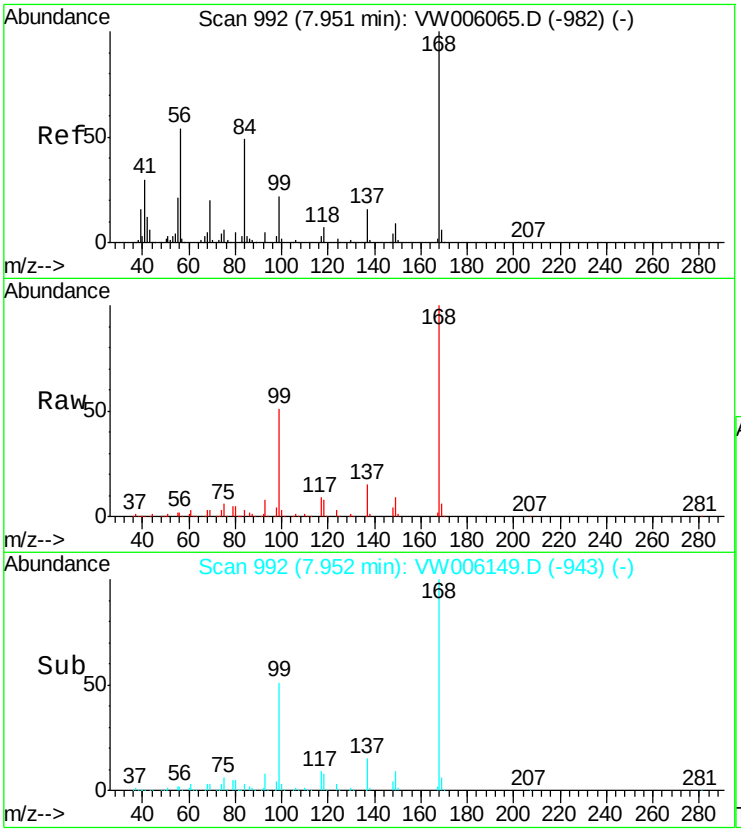
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
Data File : VW006149.D
Acq On : 18 Oct 2018 03:13
Operator : VA/AP
Sample : J5579-01
Misc : 5.26G/5ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
7-1-ROLLOFFS

Quant Time: Oct 18 10:49:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration



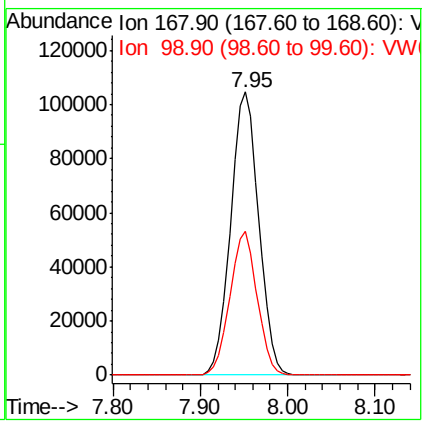


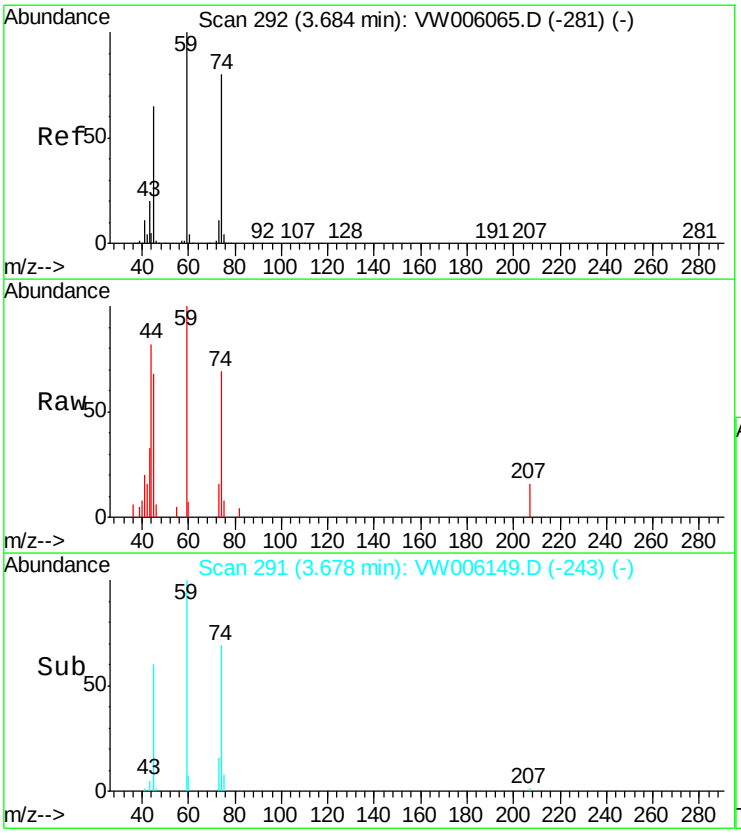
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument :
MSVOA_W
ClientSampleId :
7-1-ROLLOFFS

Tgt Ion:168 Resp: 233401

Ion	Ratio	Lower	Upper
168	100		
99	50.9	39.9	59.9

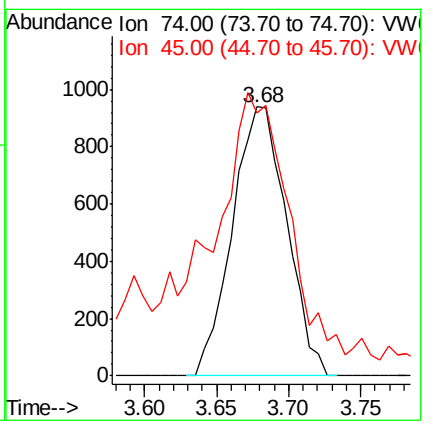


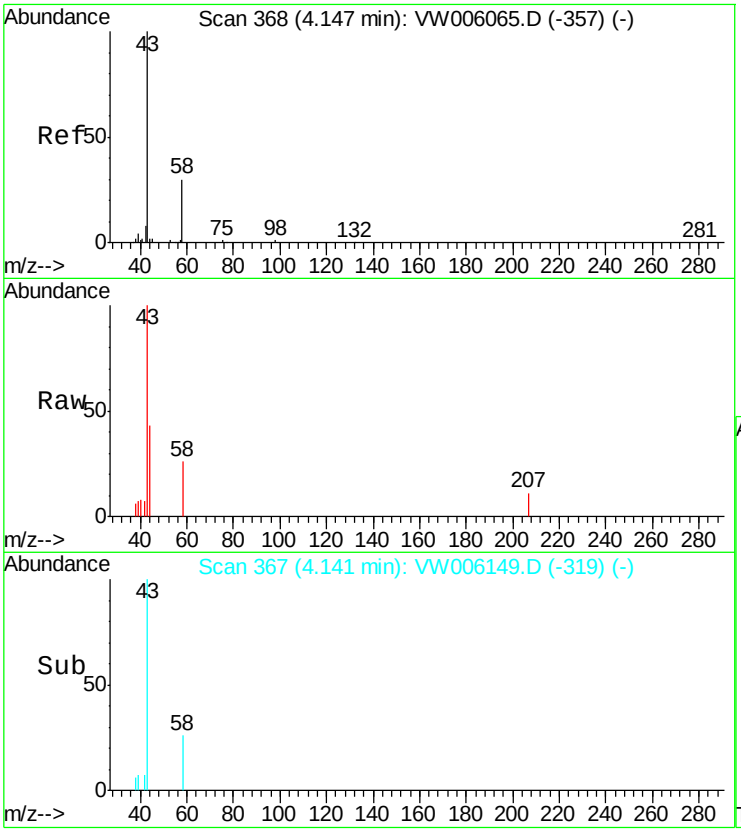


#8
Diethyl Ether
Concen: 2.34 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion: 74 Resp: 2460

Ion	Ratio	Lower	Upper
74	100		
45	133.9	42.8	128.3#



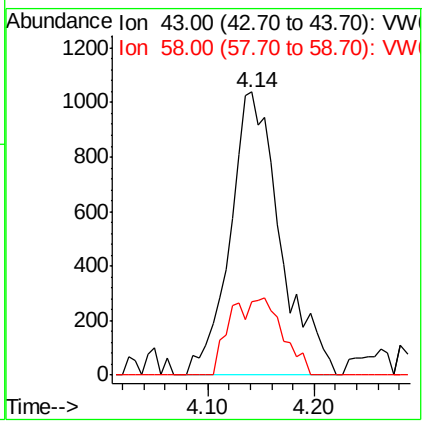


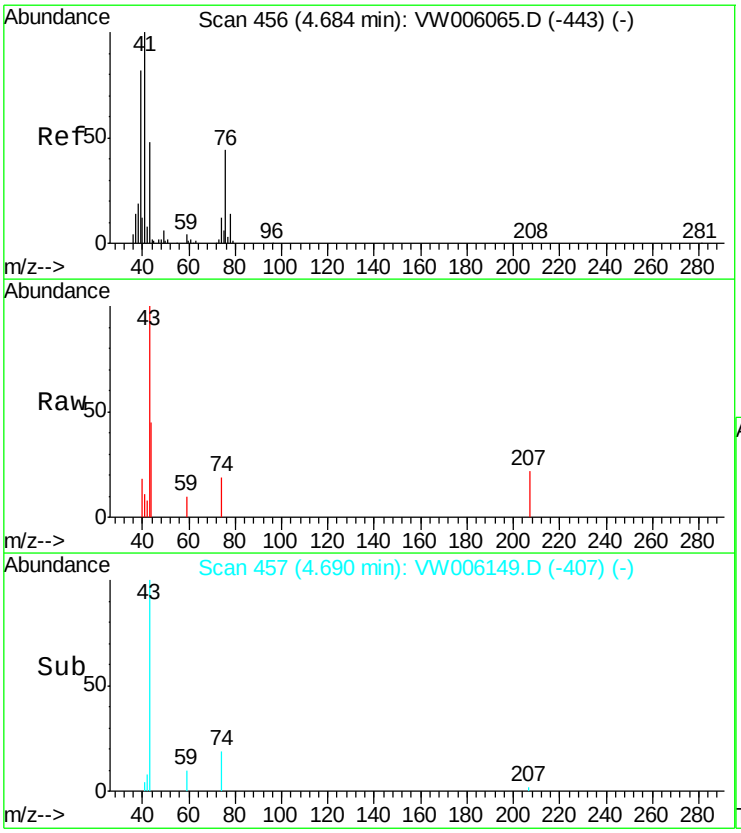
#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument : MSVOA_W
ClientSampleId : 7-1-ROLLOFFS

Tgt Ion: 43 Resp: 3437

Ion	Ratio	Lower	Upper
43	100		
58	26.1	24.0	36.0

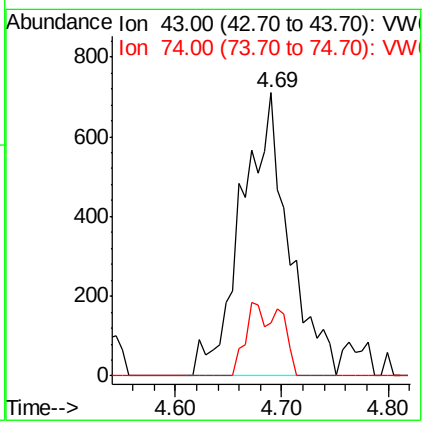


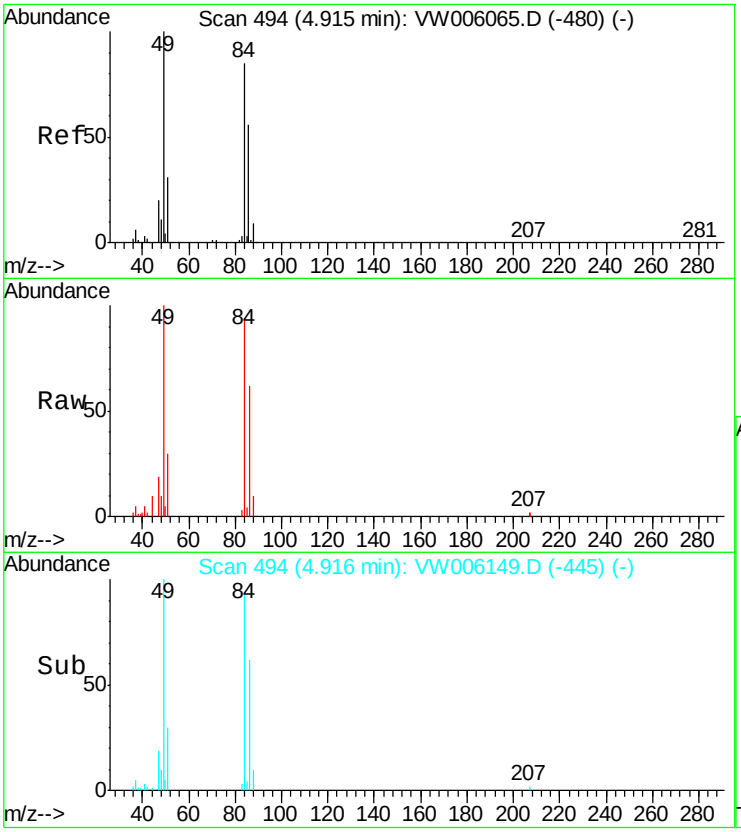


#18
Methyl Acetate
Concen: 2.26 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion: 43 Resp: 2196

Ion	Ratio	Lower	Upper
43	100		
74	10.6	20.5	30.7#



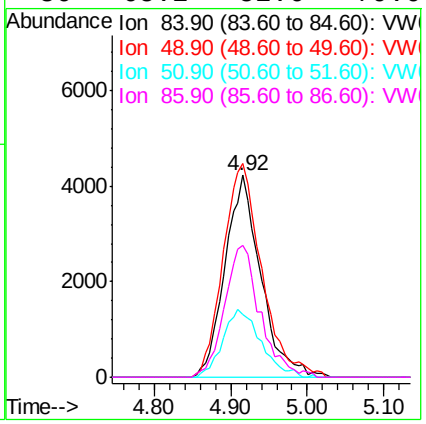


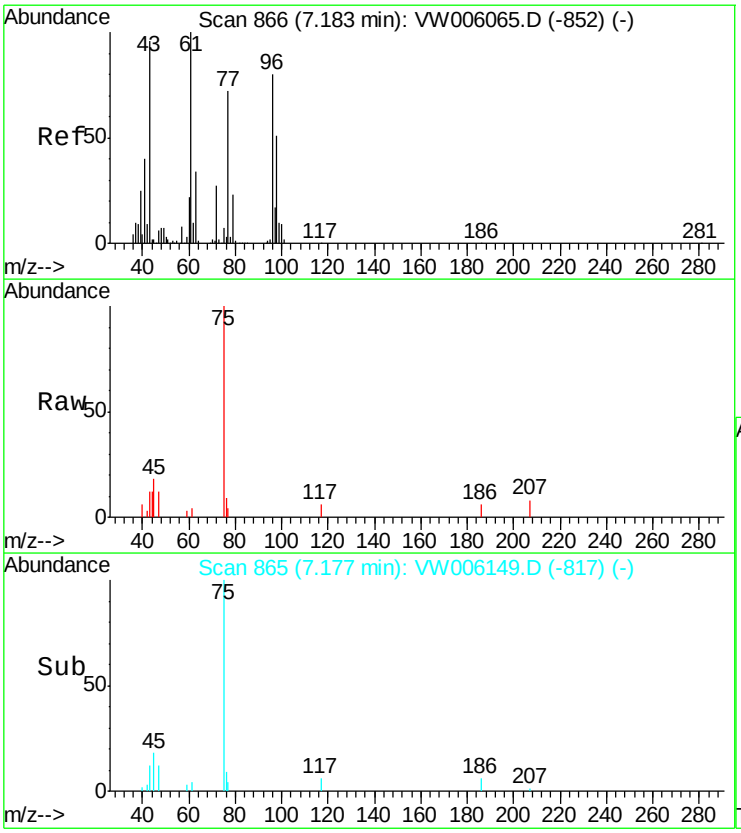
#20
Methylene Chloride
Concen: 5.24 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument : MSVOA_W
ClientSampleId : 7-1-ROLLOFFS

Tgt Ion: 84 Resp: 13714

Ion	Ratio	Lower	Upper
84	100		
49	105.9	93.6	140.4
51	31.4	29.0	43.4
86	65.2	52.6	79.0

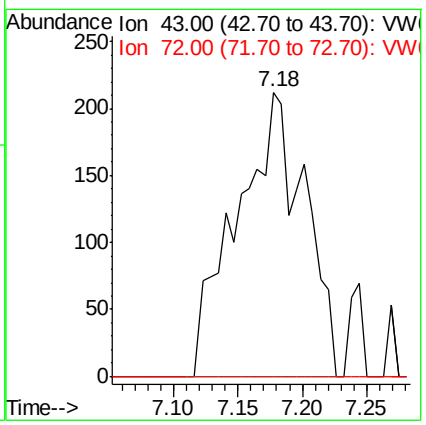


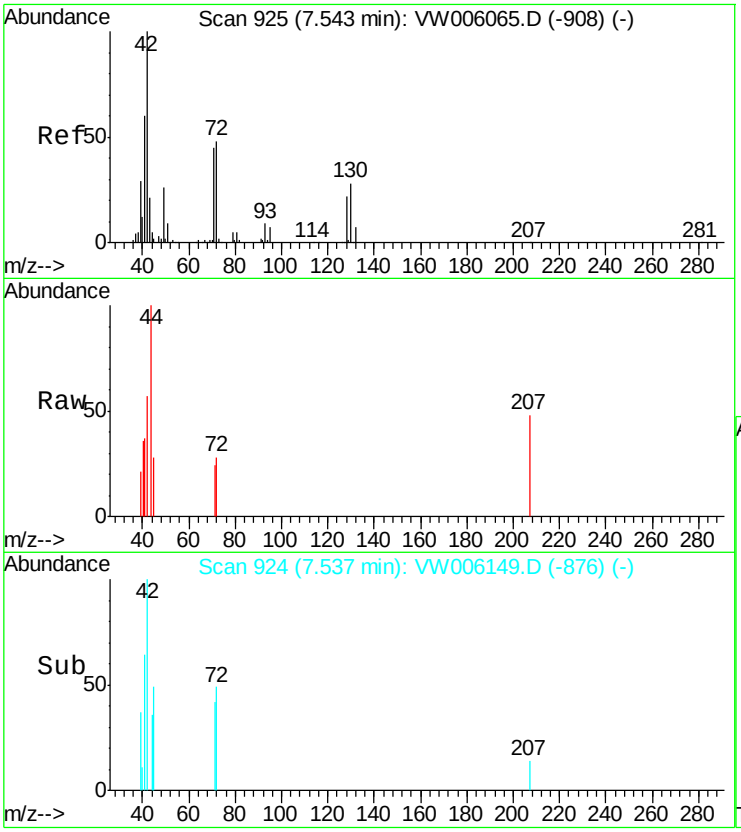


#25
2-Butanone
Concen: 1.48 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion: 43 Resp: 774

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#



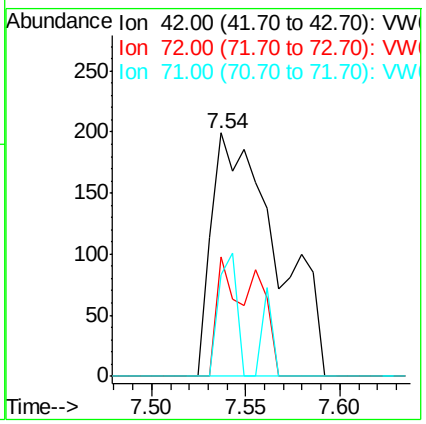


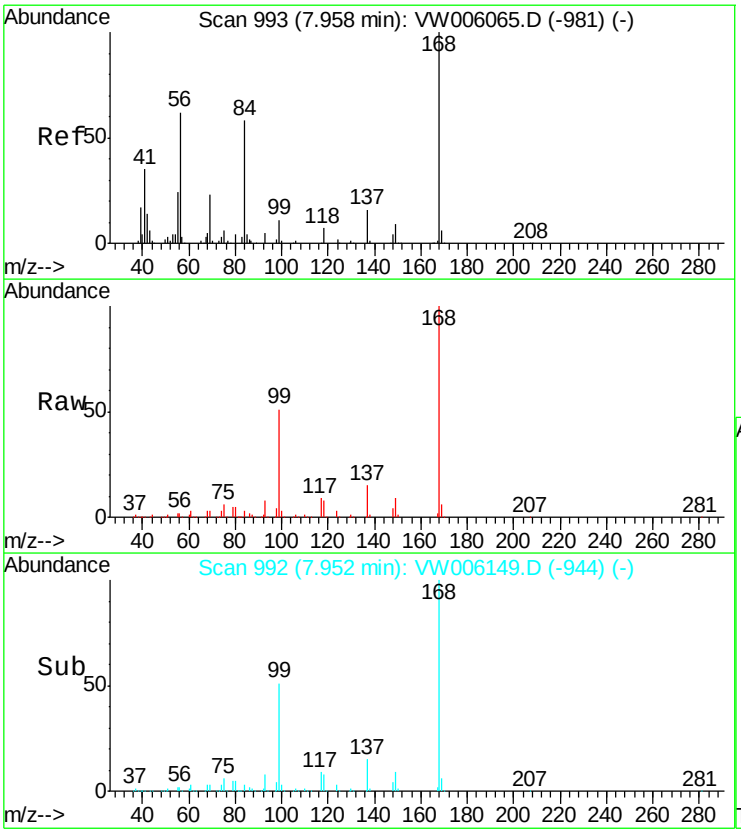
#29
Tetrahydrofuran
Concen: 1.48 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument : MSVOA_W
ClientSampleId : 7-1-ROLLOFFS

Tgt Ion: 42 Resp: 476

Ion	Ratio	Lower	Upper
42	100		
72	28.4	38.0	57.0#
71	14.1	35.3	52.9#

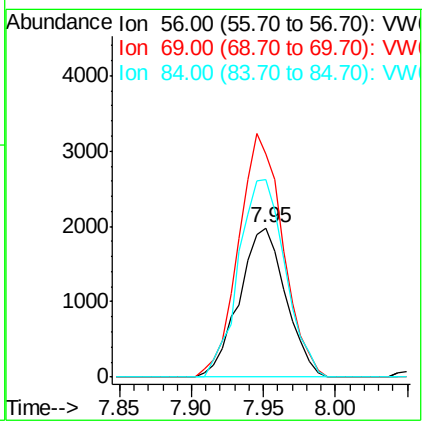


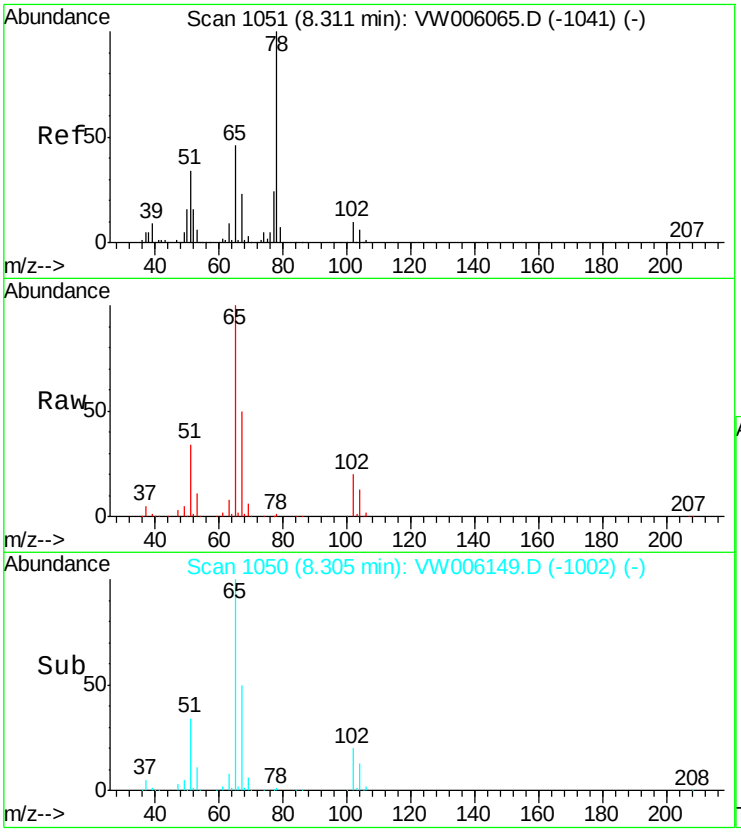


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion: 56 Resp: 4416

Ion	Ratio	Lower	Upper
56	100		
69	149.4	29.4	44.0#
84	132.3	74.0	111.0#



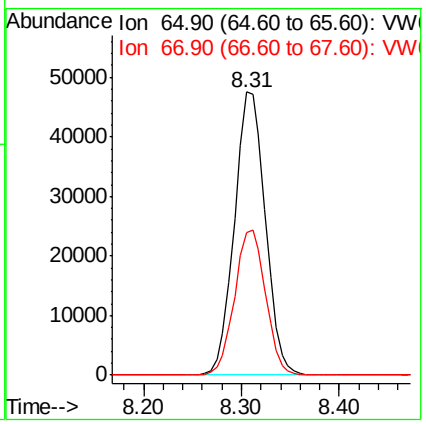


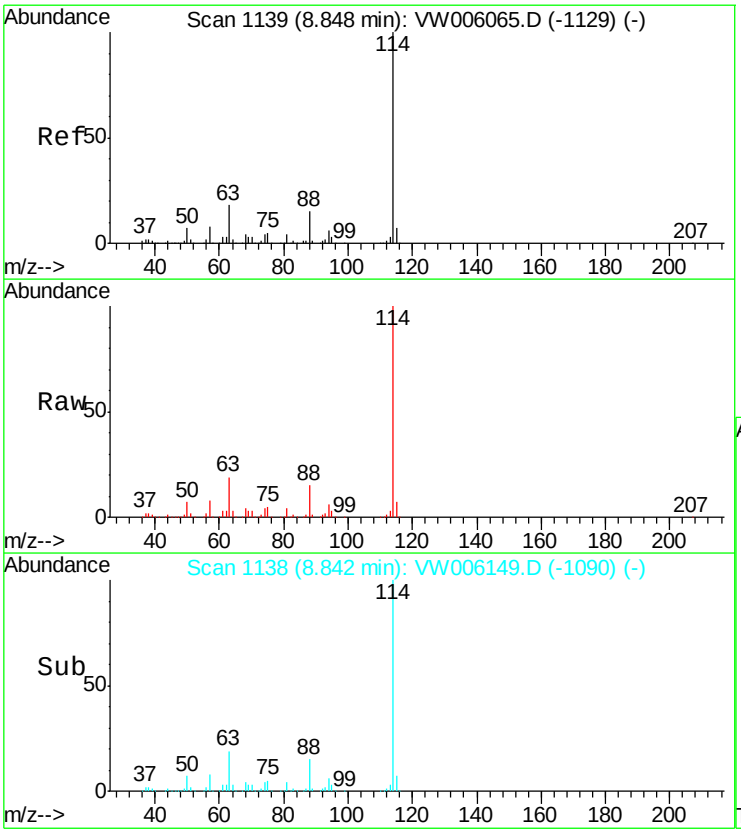
#33
1,2-Dichloroethane-d4
Concen: 53.87 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument : MSVOA_W
ClientSampleId : 7-1-ROLLOFFS

Tgt Ion: 65 Resp: 104236

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	101.0

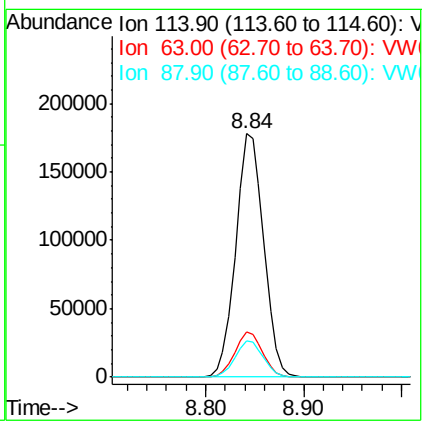


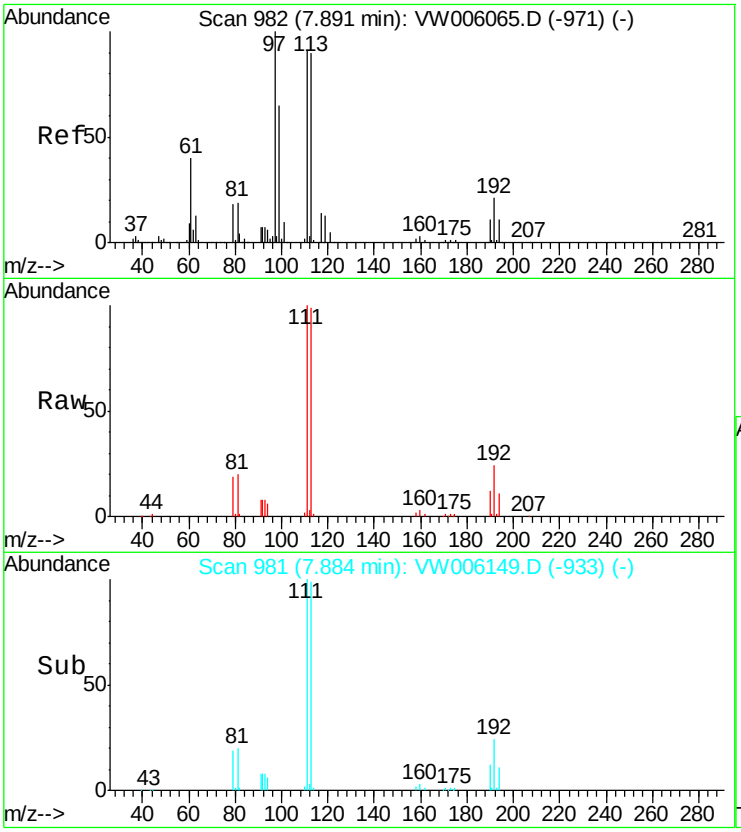


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion:114 Resp: 352464

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.8
88	14.7	0.0	29.0



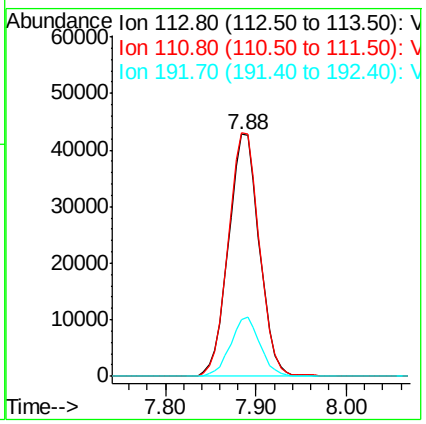


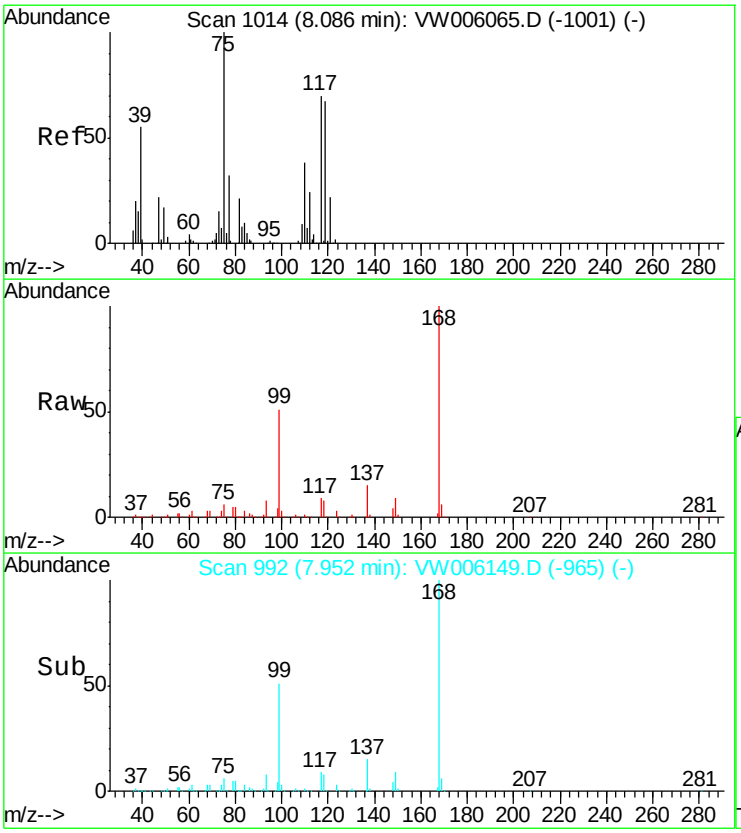
#35
Dibromofluoromethane
Concen: 48.43 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument :
MSVOA_W
ClientSampleId :
7-1-ROLLOFFS

Tgt Ion:113 Resp: 100860

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.0
192	23.3	18.7	28.1

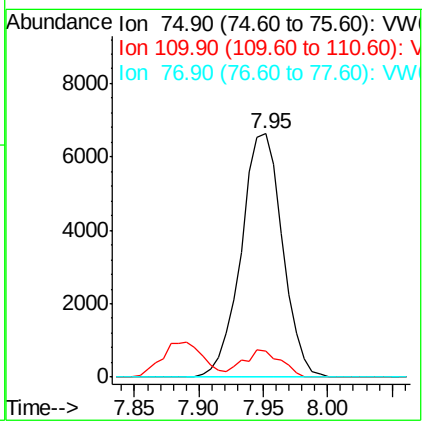


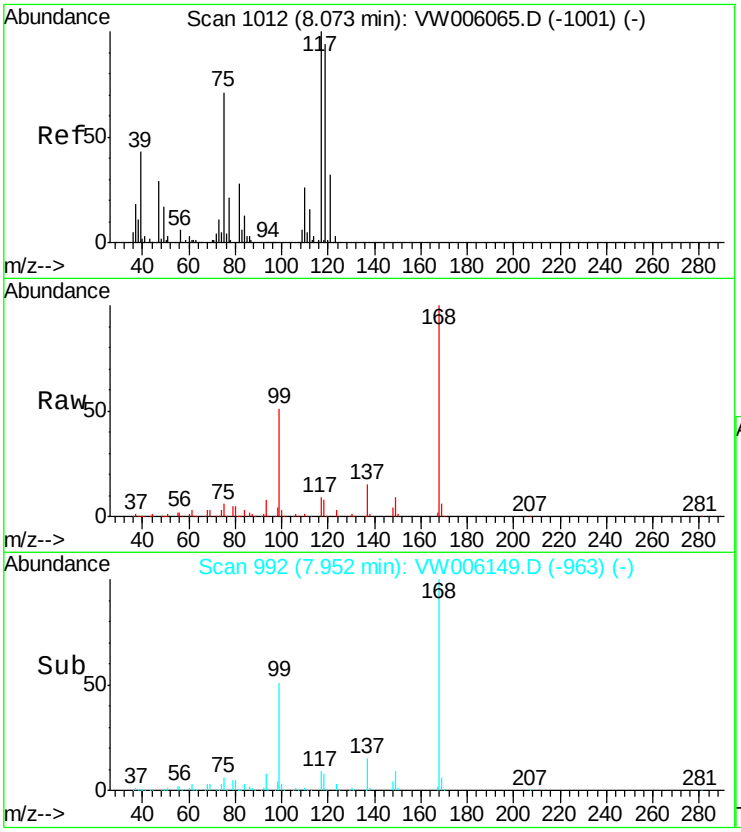


#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion: 75 Resp: 14704

Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.1	57.1#
77	0.0	25.0	37.4#



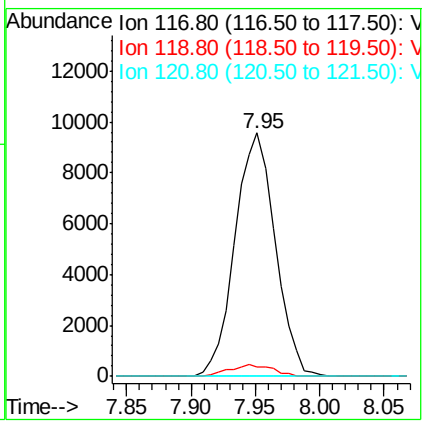


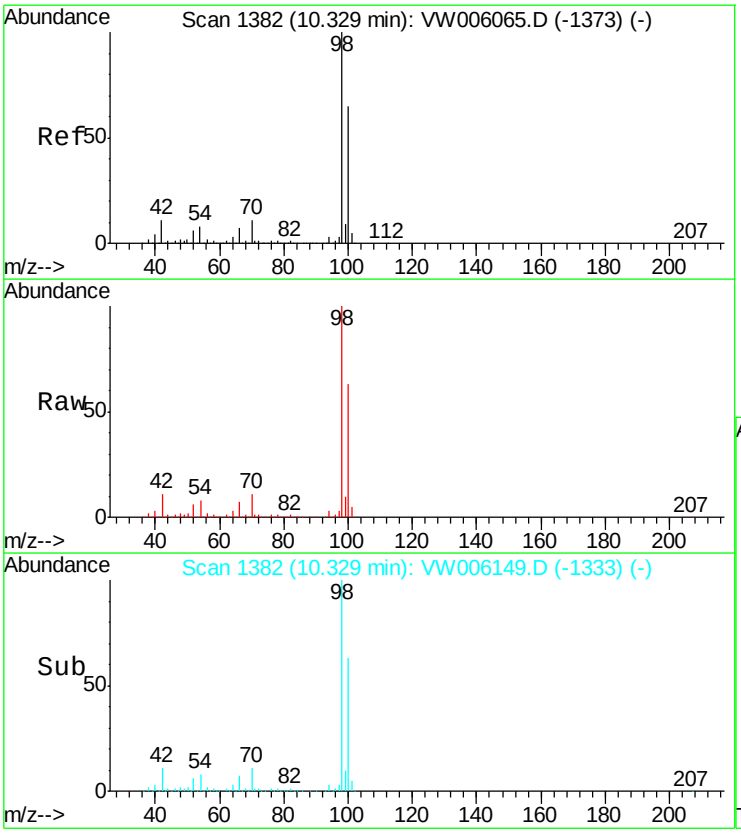
#38
Carbon Tetrachloride
Concen: 5.81 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument : MSVOA_W
ClientSampleId : 7-1-ROLLOFFS

Tgt Ion:117 Resp: 20707

Ion	Ratio	Lower	Upper
117	100		
119	3.9	75.2	112.8#
121	0.0	25.3	37.9#

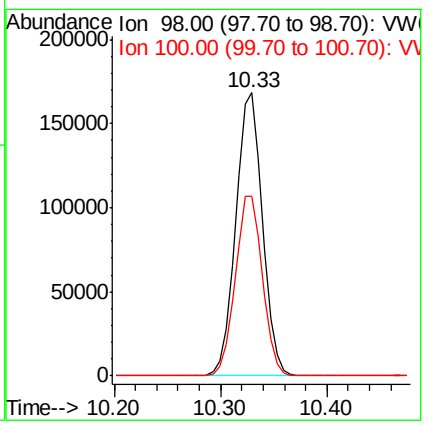


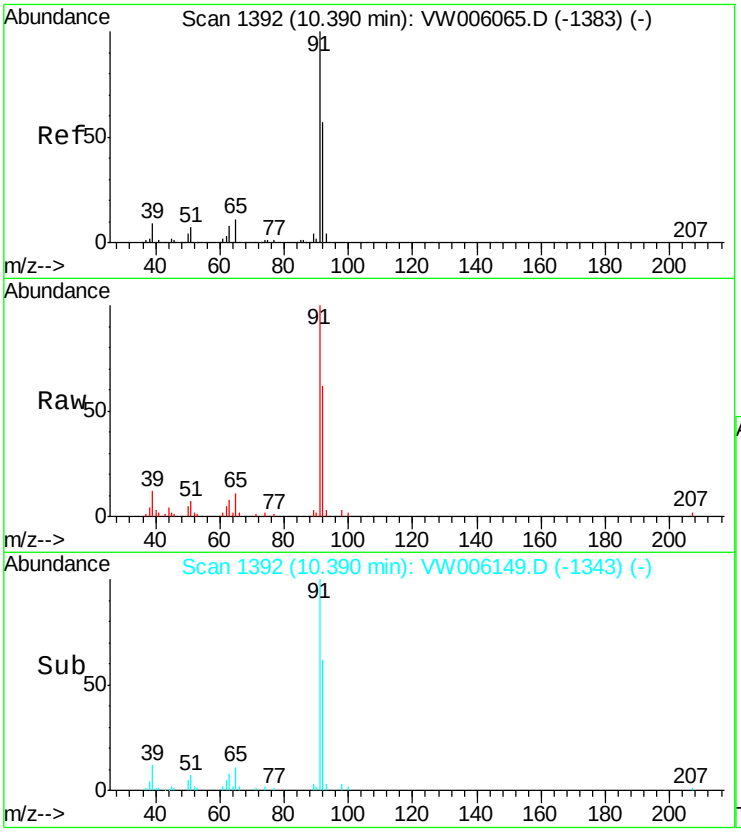


#50
Toluene-d8
Concen: 37.36 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion: 98 Resp: 296003

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4



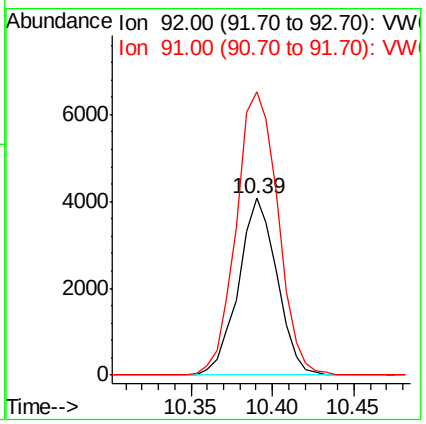


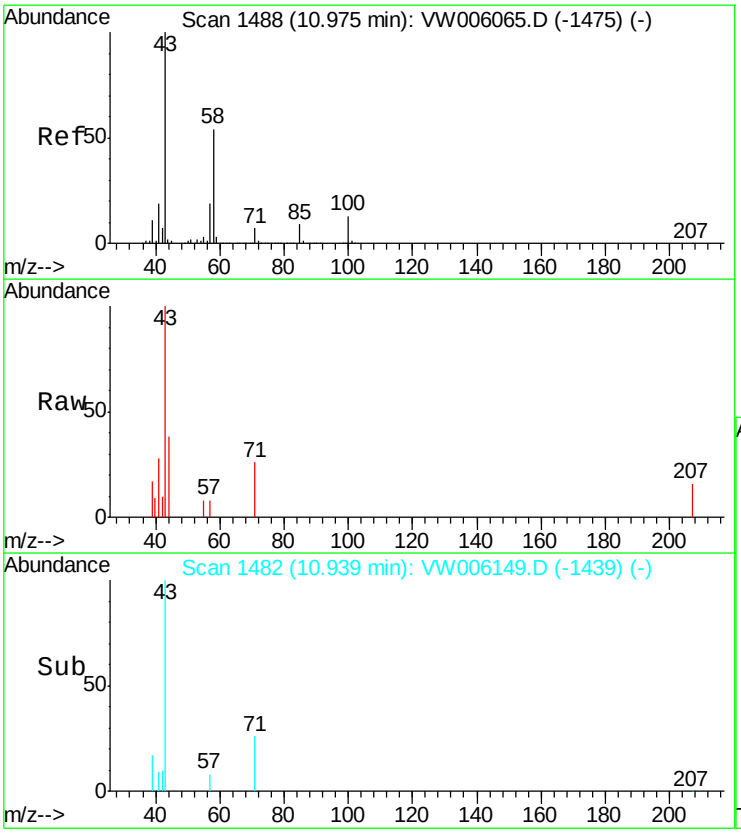
#52
Toluene
Concen: 1.12 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument : MSVOA_W
ClientSampleId : 7-1-ROLLOFFS

Tgt Ion: 92 Resp: 6717

Ion	Ratio	Lower	Upper
92	100		
91	173.3	140.0	210.0

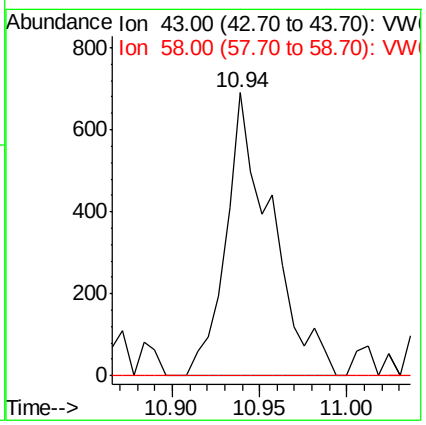


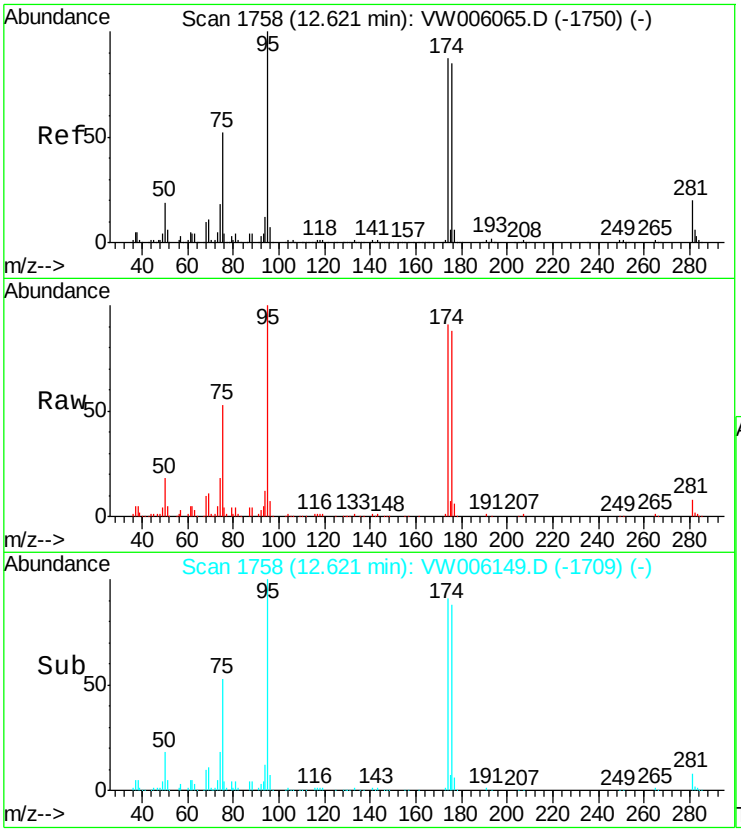


#59
2-Hexanone
Concen: 1.42 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.04 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion: 43 Resp: 1252

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.9	80.6#



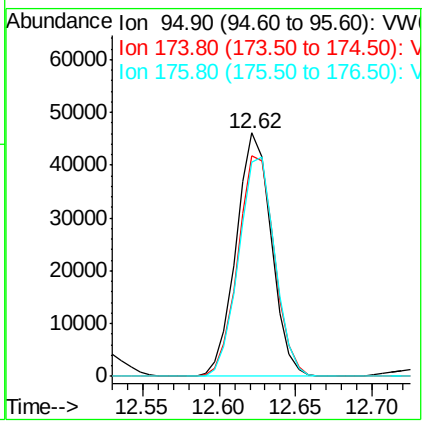


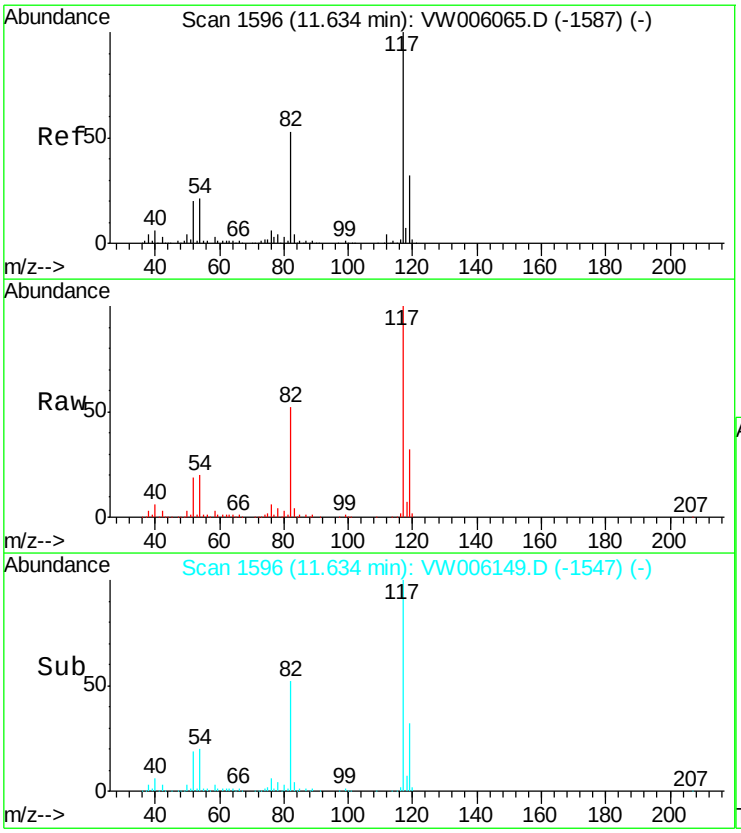
#62
4-Bromofluorobenzene
Concen: 24.69 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument :
MSVOA_W
ClientSampleId :
7-1-ROLLOFFS

Tgt Ion: 95 Resp: 73483

Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	186.0
176	92.8	0.0	181.6

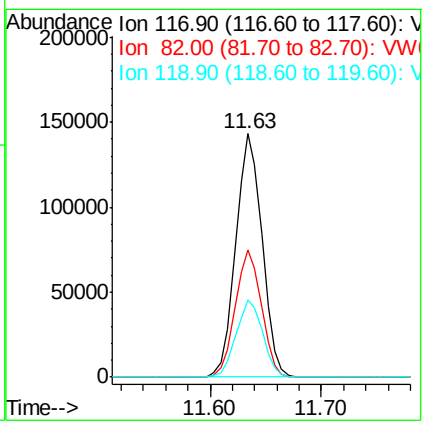


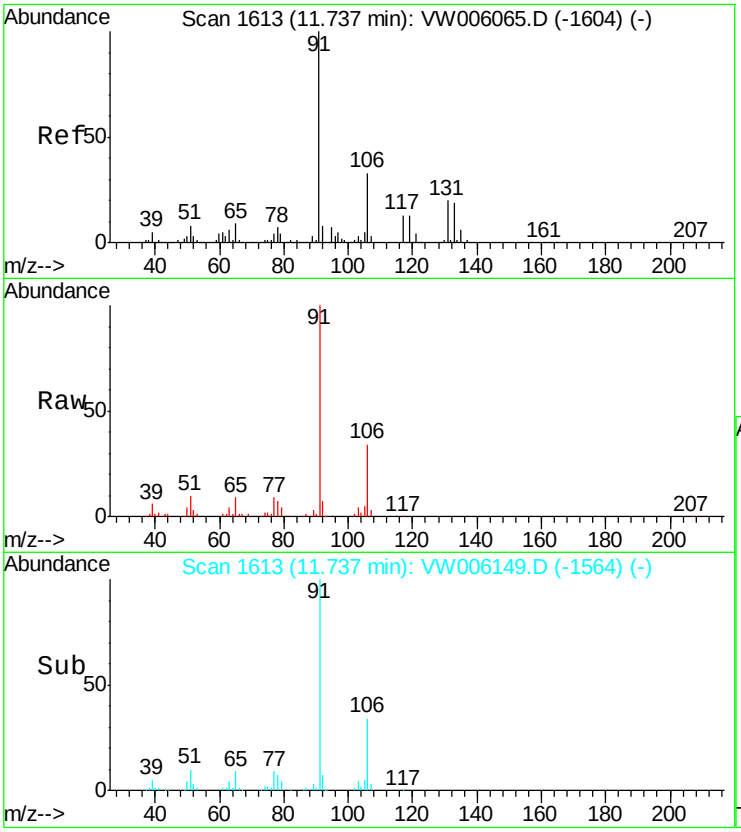


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion:117 Resp: 233708

Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.1	63.1
119	31.7	25.8	38.6



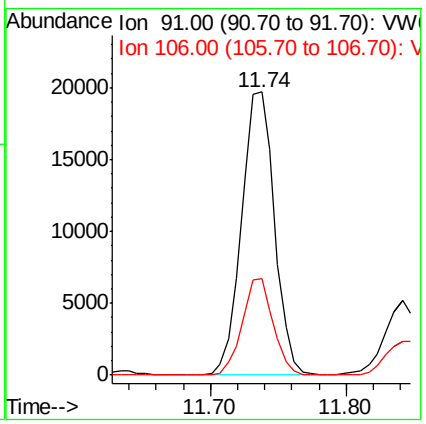


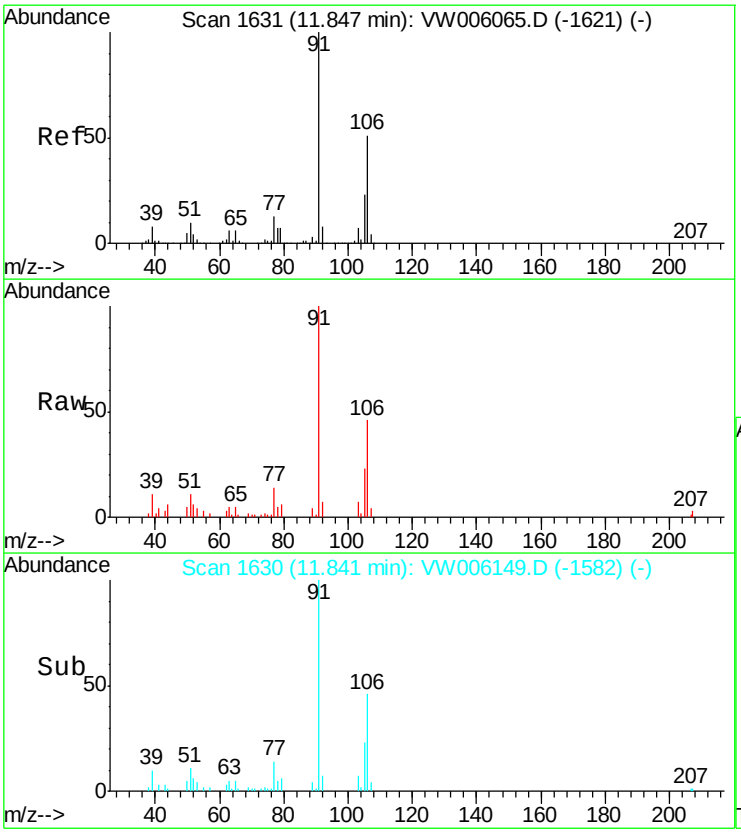
#67
Ethyl Benzene
Concen: 3.86 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument :
MSVOA_W
ClientSampleId :
7-1-ROLLOFFS

Tgt Ion: 91 Resp: 33456

Ion	Ratio	Lower	Upper
91	100		
106	33.9	26.1	39.1

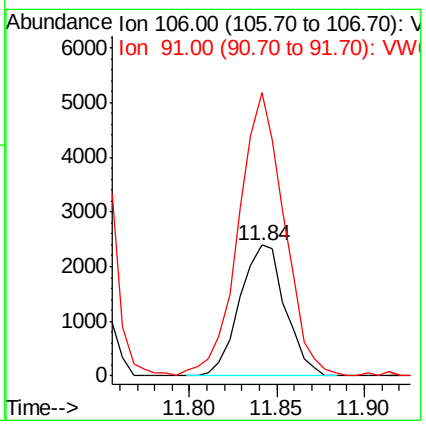


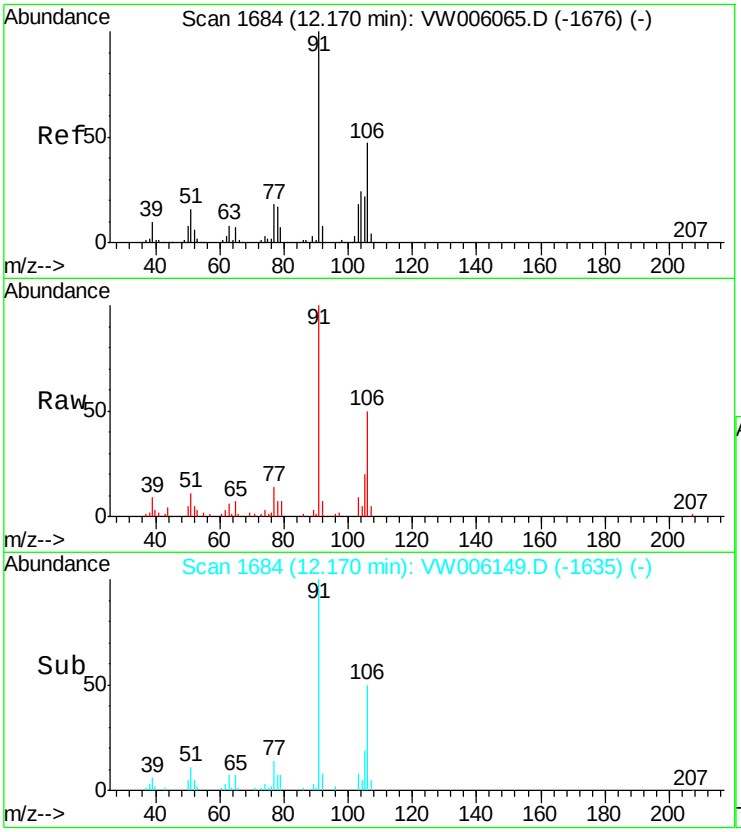


#68
m/p-Xylenes
Concen: 1.26 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion:106 Resp: 4309

Ion	Ratio	Lower	Upper
106	100		
91	218.0	159.1	238.7



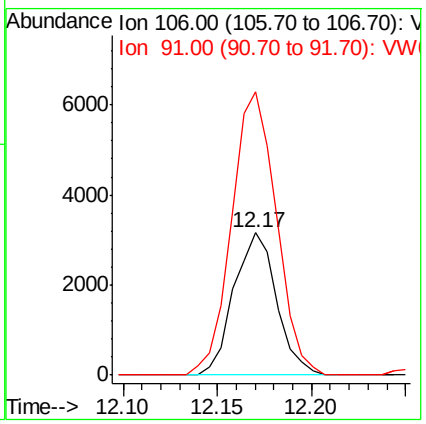


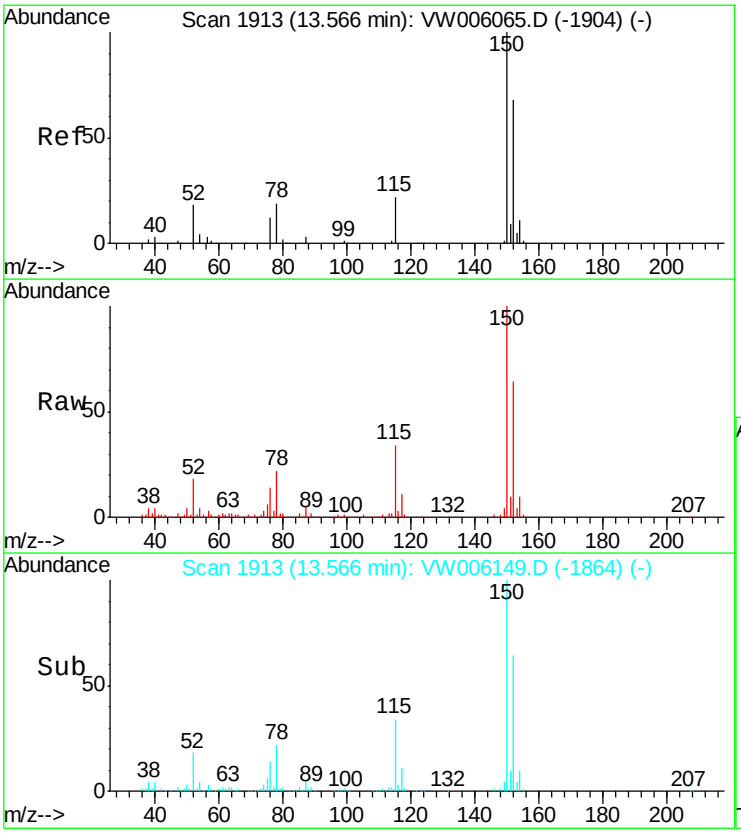
#69
o-Xylene
Concen: 1.52 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument : MSVOA_W
ClientSampleId : 7-1-ROLLOFFS

Tgt Ion:106 Resp: 4954

Ion	Ratio	Lower	Upper
106	100		
91	208.4	105.4	316.1

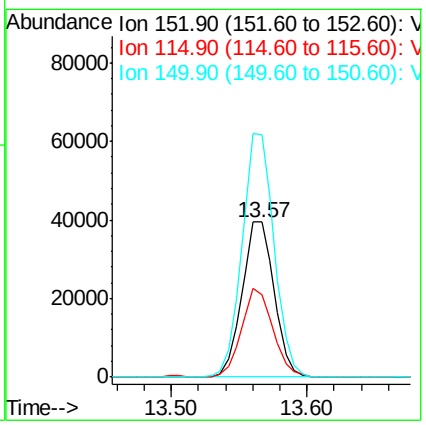


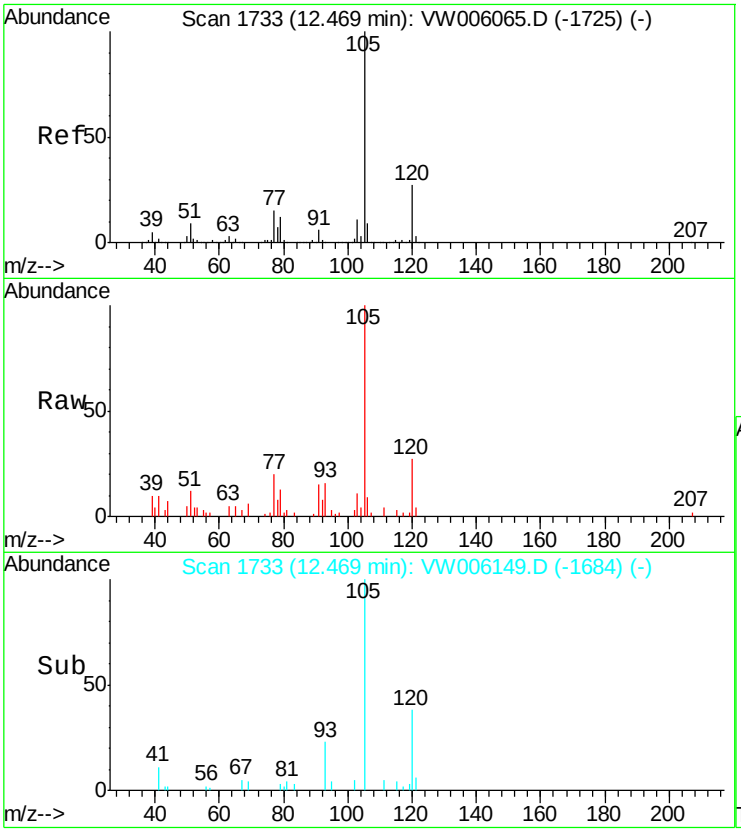


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion:152 Resp: 65198

Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.3
150	156.4	0.0	349.2



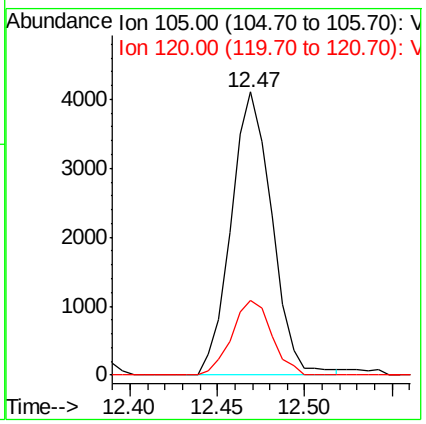


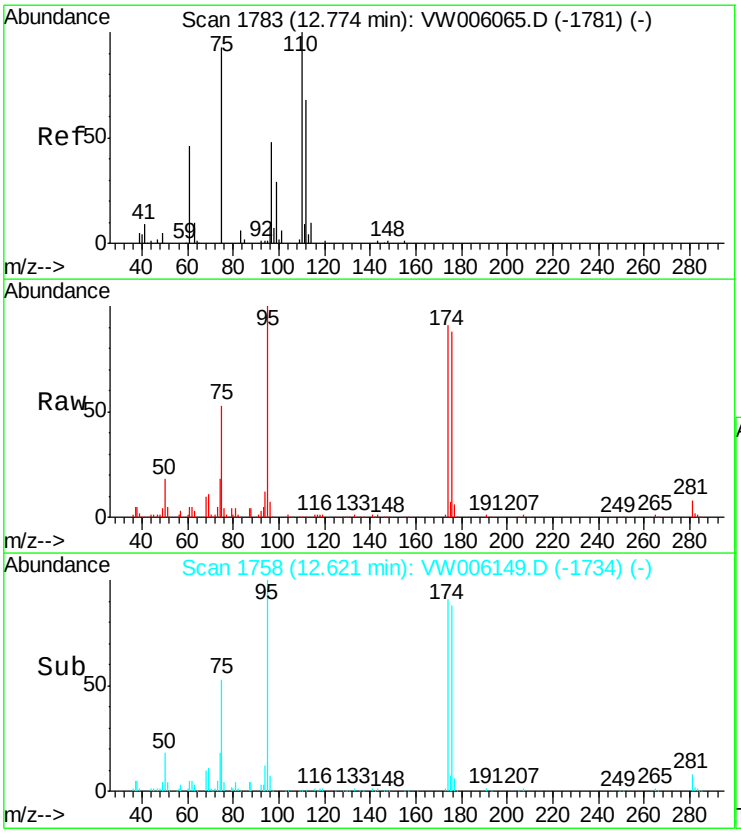
#73
Isopropylbenzene
Concen: 1.45 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument : MSVOA_W
ClientSampleId : 7-1-ROLLOFFS

Tgt Ion:105 Resp: 6661

Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.6	40.7

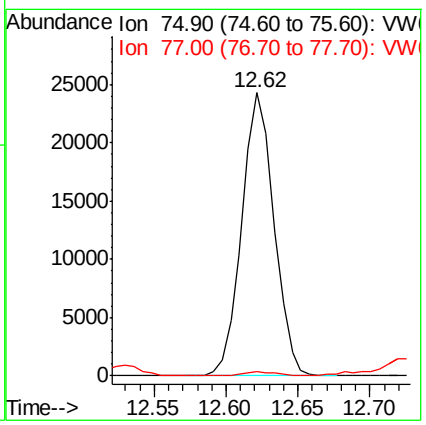


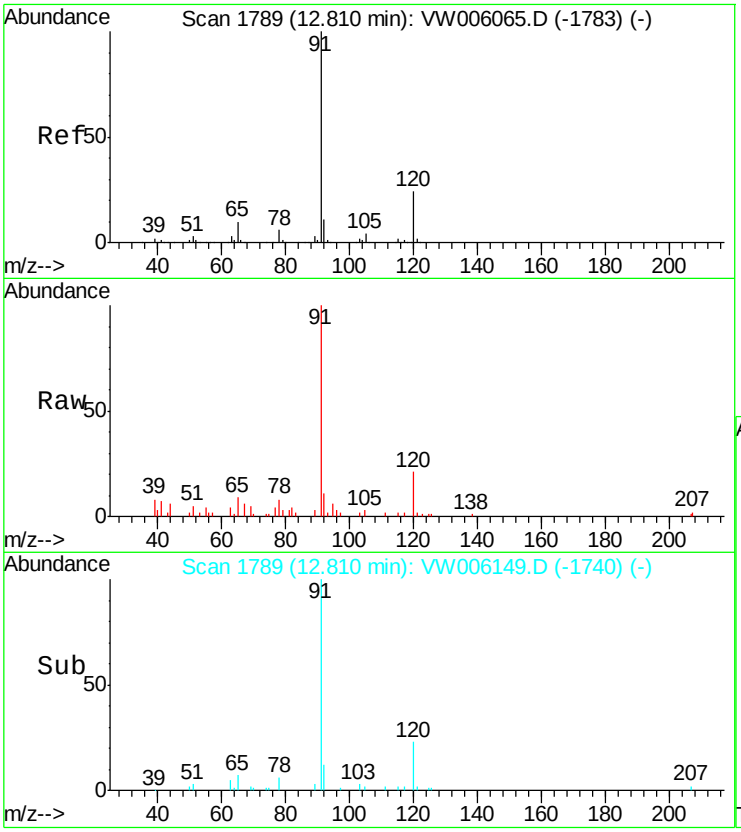


#76
1,2,3-Trichloropropane
Concen: 75.54 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion: 75 Resp: 37617

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#



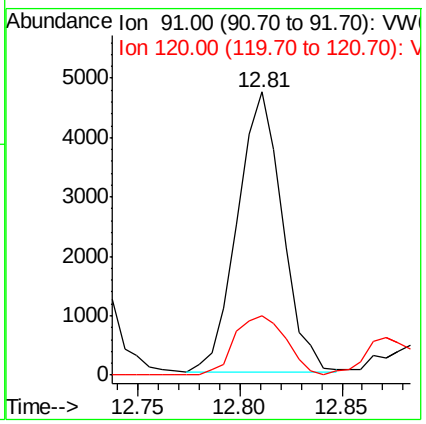


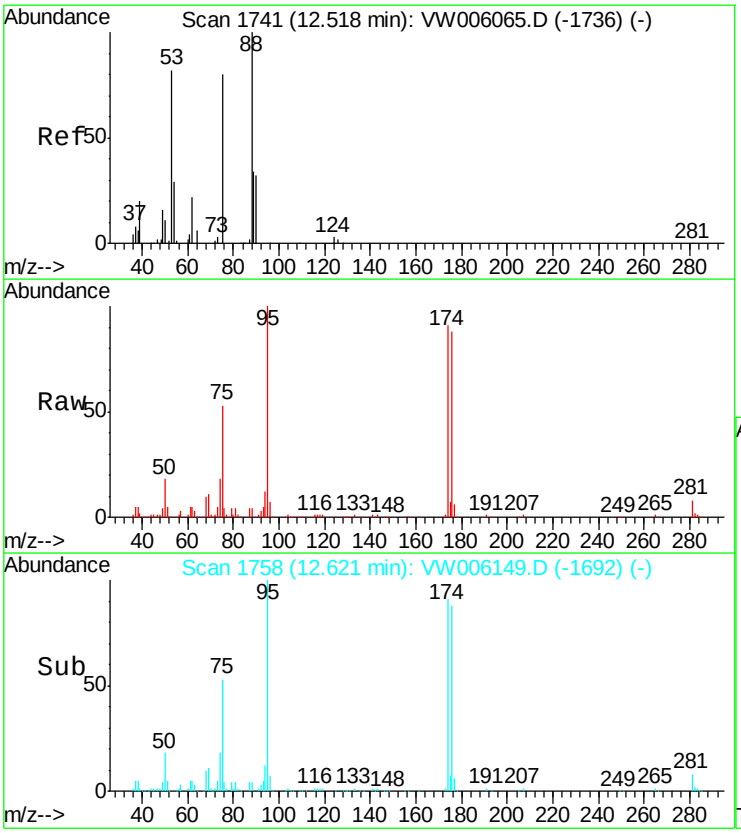
#78
n-propylbenzene
Concen: 1.35 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument : MSVOA_W
ClientSampleId : 7-1-ROLLOFFS

Tgt Ion: 91 Resp: 7243

Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.2	36.6

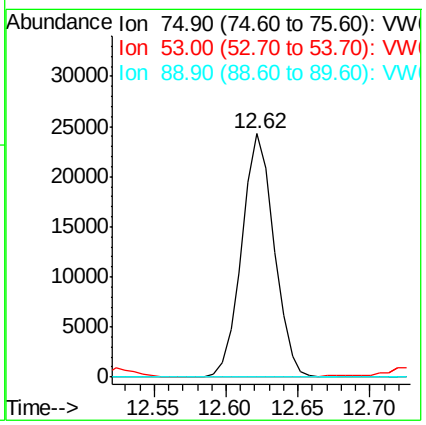


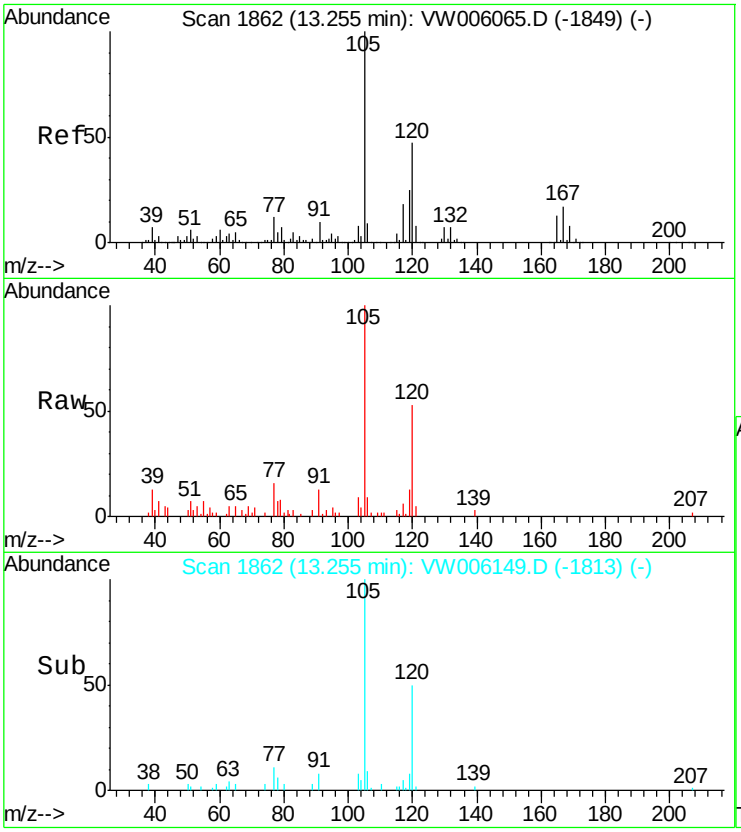


#81
trans-1,4-Dichloro-2-butene
Concen: 180.57 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion: 75 Resp: 37617

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.8	119.6#
89	0.0	37.5	56.3#



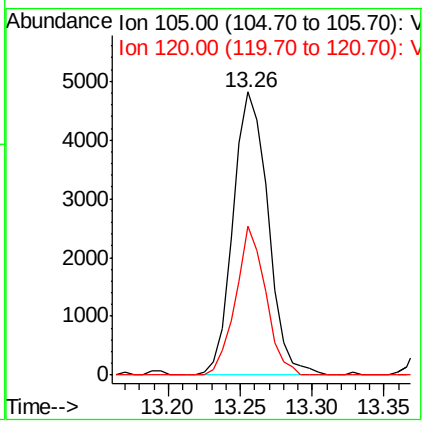


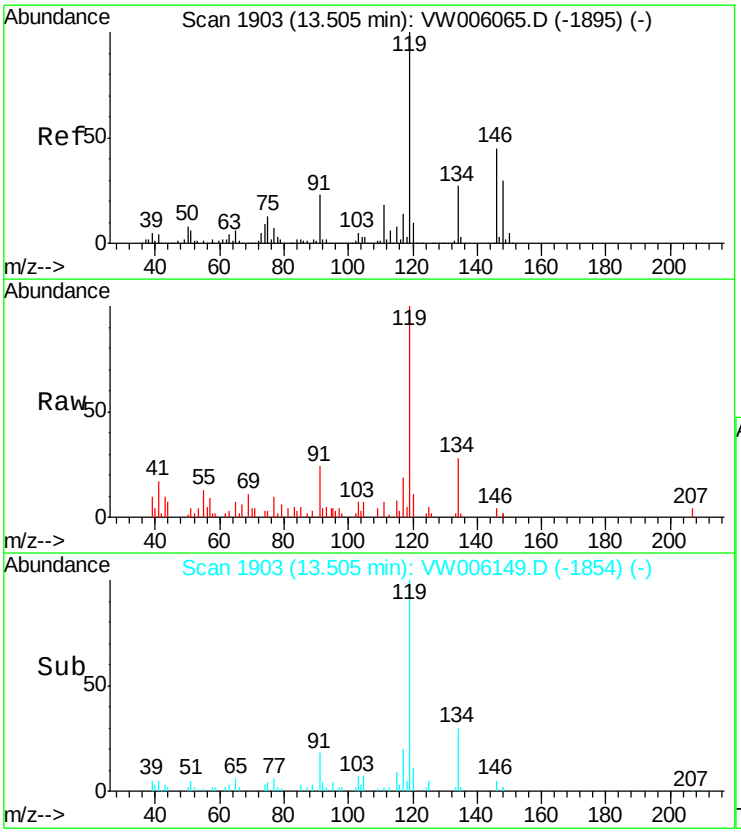
#84
1,2,4-Trimethylbenzene
Concen: 2.07 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument :
MSVOA_W
ClientSampleId :
7-1-ROLLOFFS

Tgt Ion:105 Resp: 8145

Ion	Ratio	Lower	Upper
105	100		
120	45.1	23.1	69.3

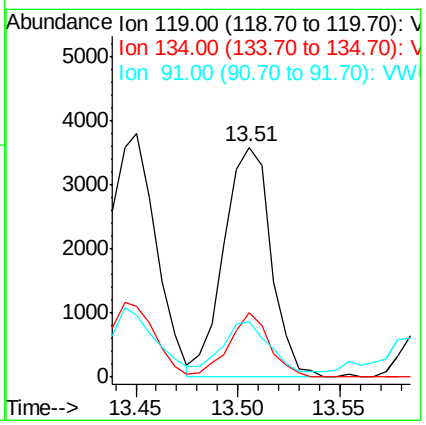


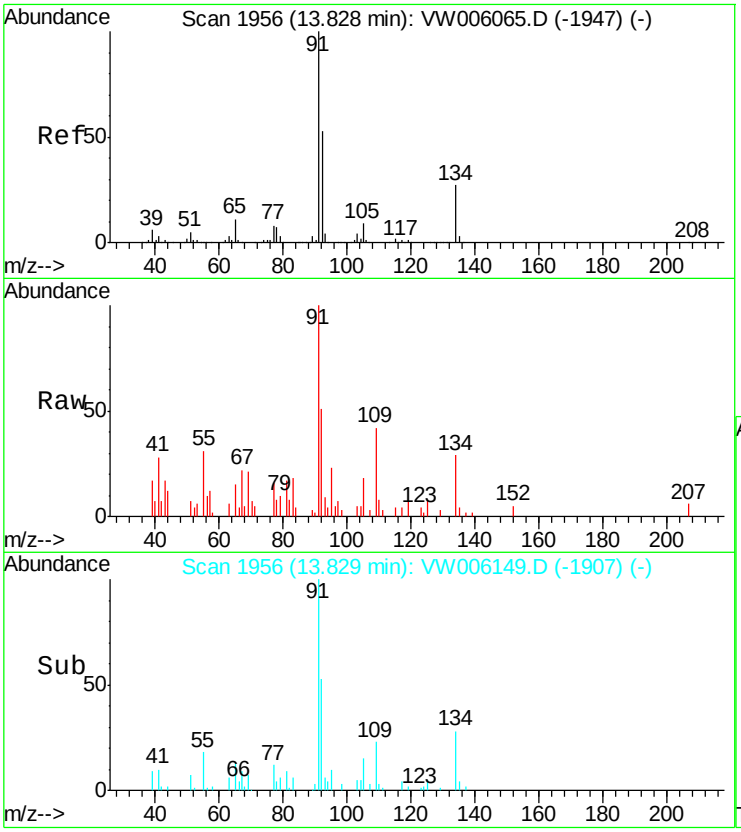


#86
p-Isopropyltoluene
Concen: 1.29 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion:119 Resp: 5748

Ion	Ratio	Lower	Upper
119	100		
134	24.2	13.4	40.2
91	21.0	11.4	34.1



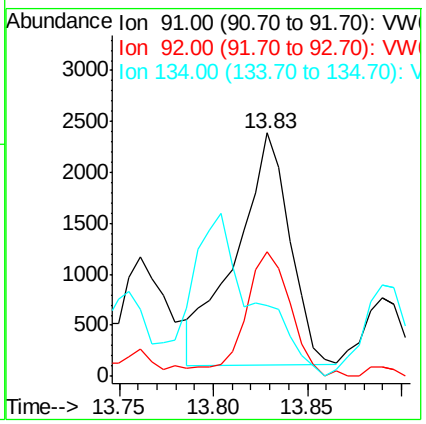


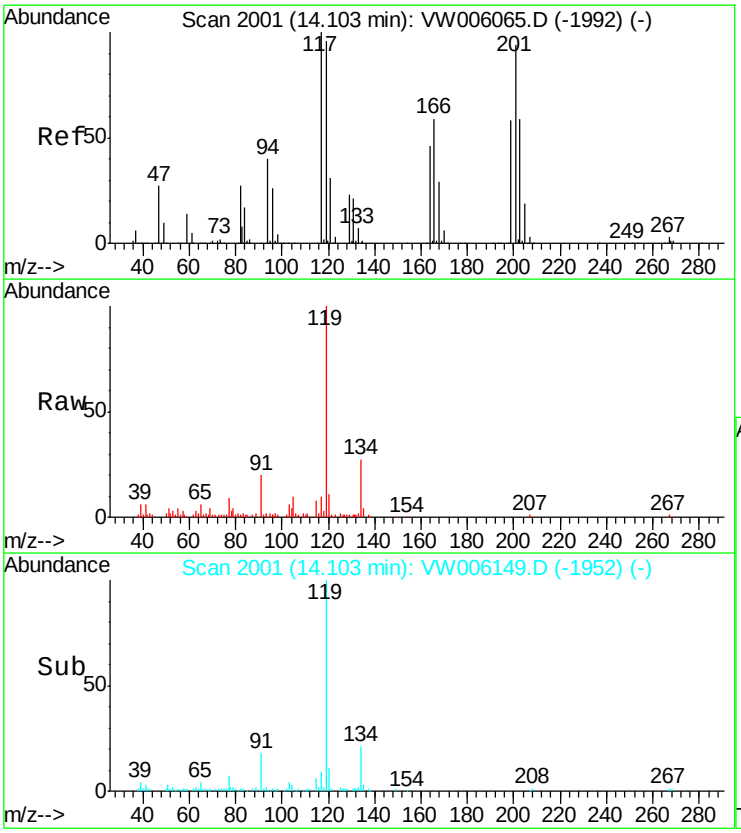
#89
n-Butylbenzene
Concen: 1.11 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument :
MSVOA_W
ClientSampleId :
7-1-ROLLOFFS

Tgt Ion: 91 Resp: 4510

Ion	Ratio	Lower	Upper
91	100		
92	44.1	26.6	79.7
134	0.0	14.0	41.9#

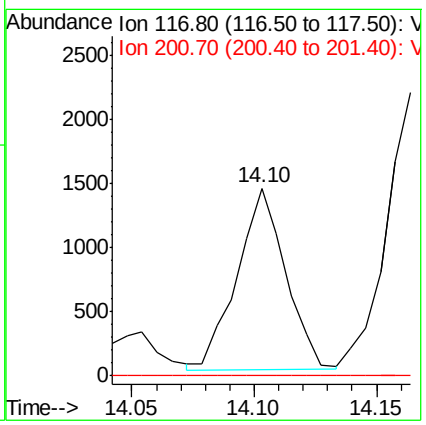


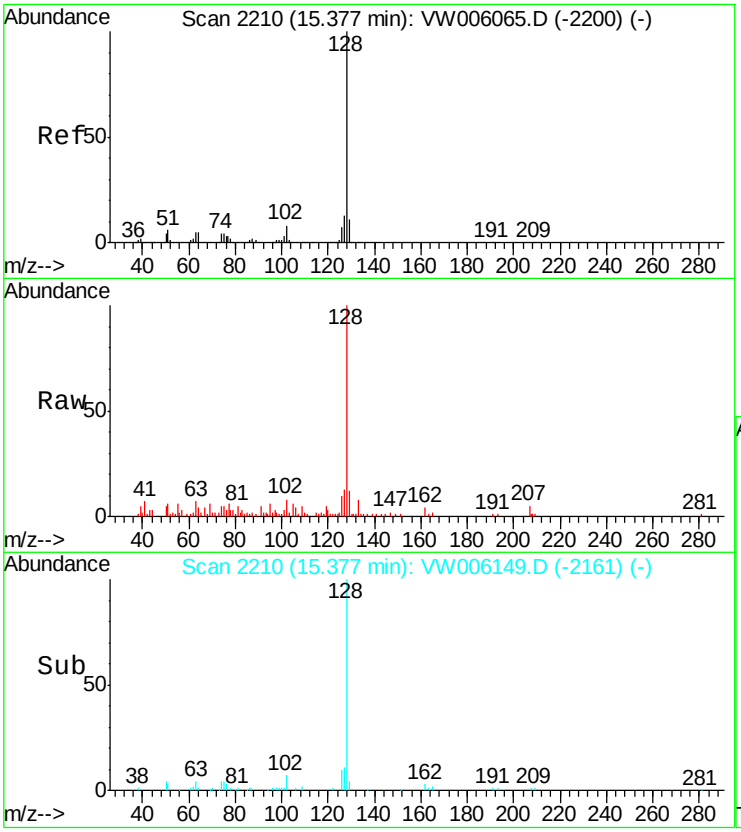


#90
Hexachloroethane
Concen: 2.62 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Tgt Ion:117 Resp: 1972

Ion	Ratio	Lower	Upper
117	100		
201	0.0	45.3	135.9#





#95
Naphthalene
Concen: 6.70 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006149.D
Acq: 18 Oct 2018 03:13

Instrument :
MSVOA_W
ClientSampleId :
7-1-ROLLOFFS

Tgt Ion:128 Resp: 17172

Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.3	15.5
129	10.6	8.7	13.1