Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
Data File : VW006615.D
Acq On : 02 Nov 2018 21:17
Operator : SY/AP
Sample : J5200-19RE
Misc : 7.01G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-BRE

Quant Time: Nov 03 00:27:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	239896	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	357834	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	303087	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	123846	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	90112	43.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.40%				
35) Dibromofluoromethane	7.88	113	88579	39.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 78.88%				
50) Toluene-d8	10.33	98	301956	35.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 70.64%				
62) 4-Bromofluorobenzene	12.62	95	95273	30.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 61.48%				
Target Compounds							Qvalue
8) Diethyl Ether	3.68	74	2469	2.381	ug/l		88
11) Tert butyl alcohol	5.17	59	175	1.575	ug/l	#	84
16) Acetone	4.12	43	14608	43.877	ug/l		97
20) Methylene Chloride	4.91	84	2341	Below Cal			89
25) 2-Butanone	7.18	43	3137	6.603	ug/l		93
29) Tetrahydrofuran	7.54	42	495	1.657	ug/l	#	59
31) Cyclohexane	7.95	56	5866	1.786	ug/l	#	38
36) 1,1-Dichloropropene	7.95	75	14823	4.710	ug/l	#	48
37) Ethyl Acetate	7.18	43	3137	2.877	ug/l	#	66
38) Carbon Tetrachloride	7.95	117	21007	6.389	ug/l	#	16
39) Methylcyclohexane	9.34	83	4953	1.240	ug/l		100
52) Toluene	10.39	92	60198	10.041	ug/l		99
67) Ethyl Benzene	11.74	91	16590	1.556	ug/l		98
68) m/p-Xylenes	11.84	106	33071	7.765	ug/l		97
69) o-Xylene	12.17	106	16661	4.109	ug/l		96
74) N-amyl acetate	12.26	43	1480	1.050	ug/l	#	49
76) 1,2,3-Trichloropropane	12.62	75	47195	48.842	ug/l	#	100
77) Bromobenzene	12.90	156	5375	2.545	ug/l	#	1
78) n-propylbenzene	12.81	91	19906	2.121	ug/l		97
79) 2-Chlorotoluene	13.11	91	5392	1.001	ug/l		82
80) 1,3,5-Trimethylbenzene	12.95	105	21830	3.185	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.62	75	47195	122.416	ug/l	#	11
84) 1,2,4-Trimethylbenzene	13.26	105	92803	13.201	ug/l		98
85) sec-Butylbenzene	13.39	105	12743	1.489	ug/l		86
86) p-Isopropyltoluene	13.51	119	8612	1.106	ug/l		95
89) n-Butylbenzene	13.83	91	11665	1.687	ug/l	#	70
90) Hexachloroethane	14.10	117	3763	2.939	ug/l	#	3
95) Naphthalene	15.38	128	161682	36.155	ug/l		99

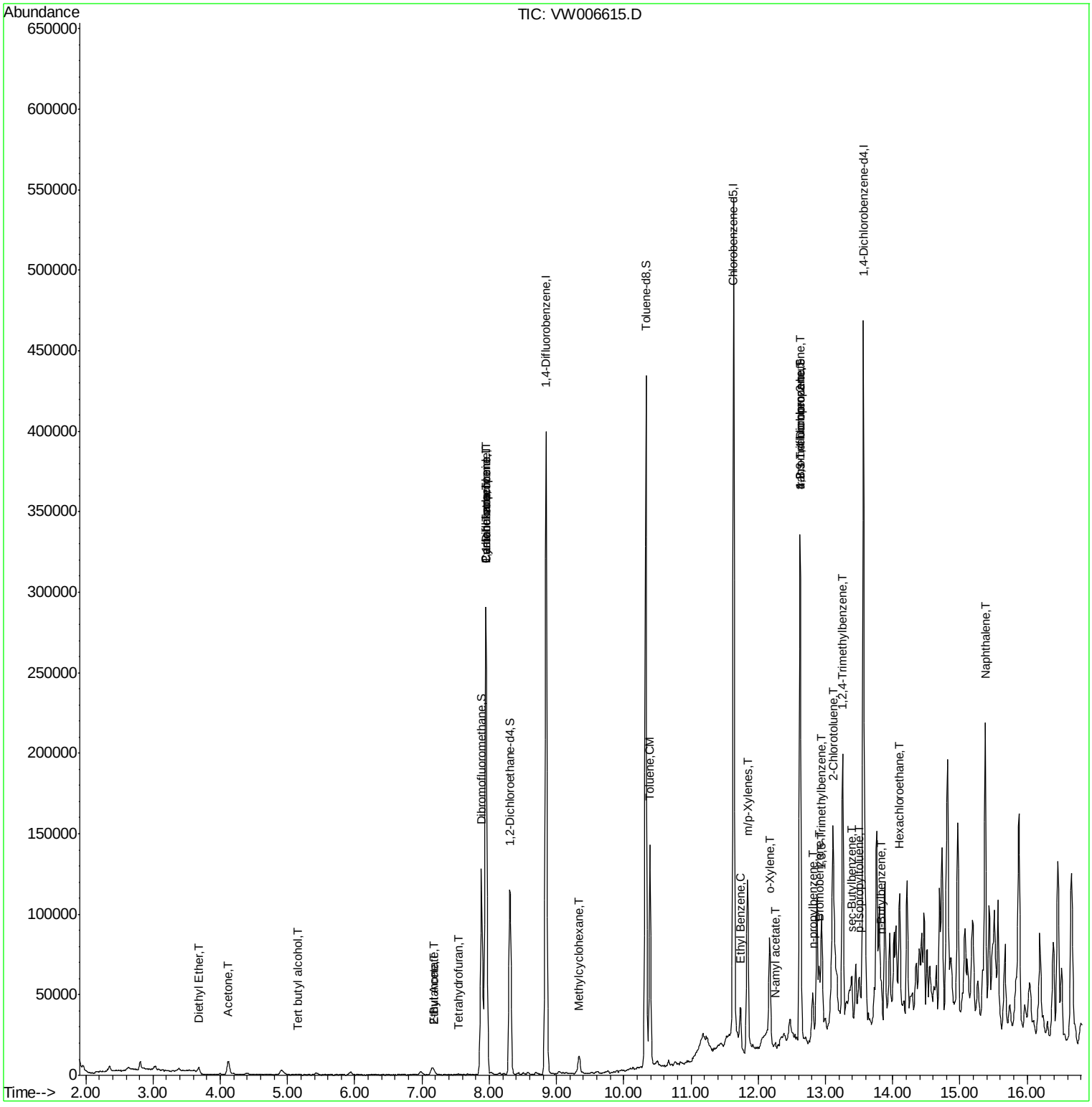
(#) = qualifier out of range (m) = manual integration (+) = signals summed

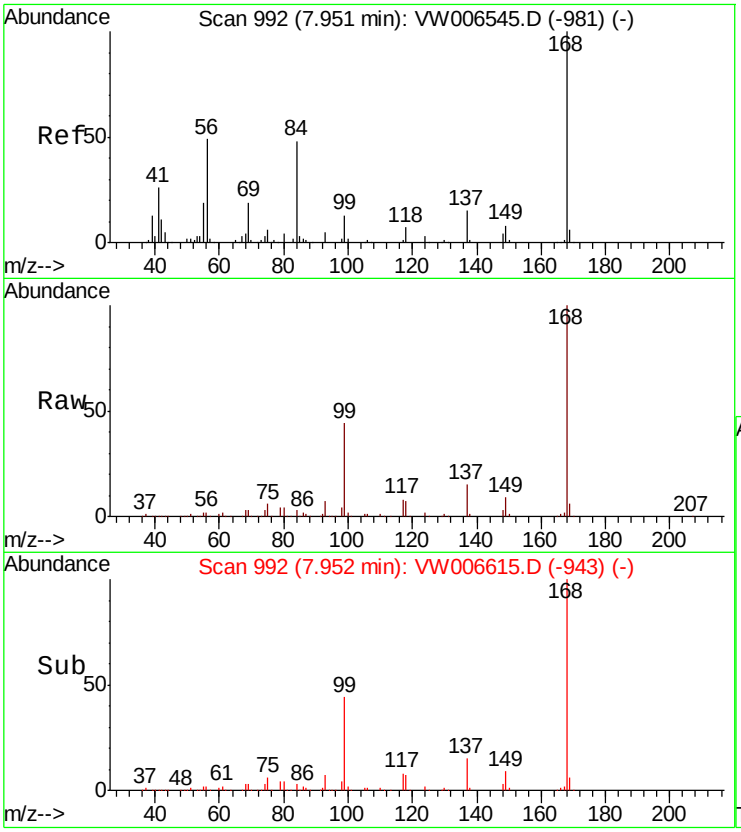
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
Data File : VW006615.D
Acq On : 02 Nov 2018 21:17
Operator : SY/AP
Sample : J5200-19RE
Misc : 7.01G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-BRE

Quant Time: Nov 03 00:27:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration



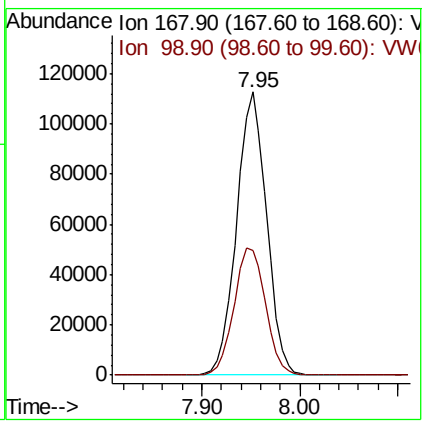


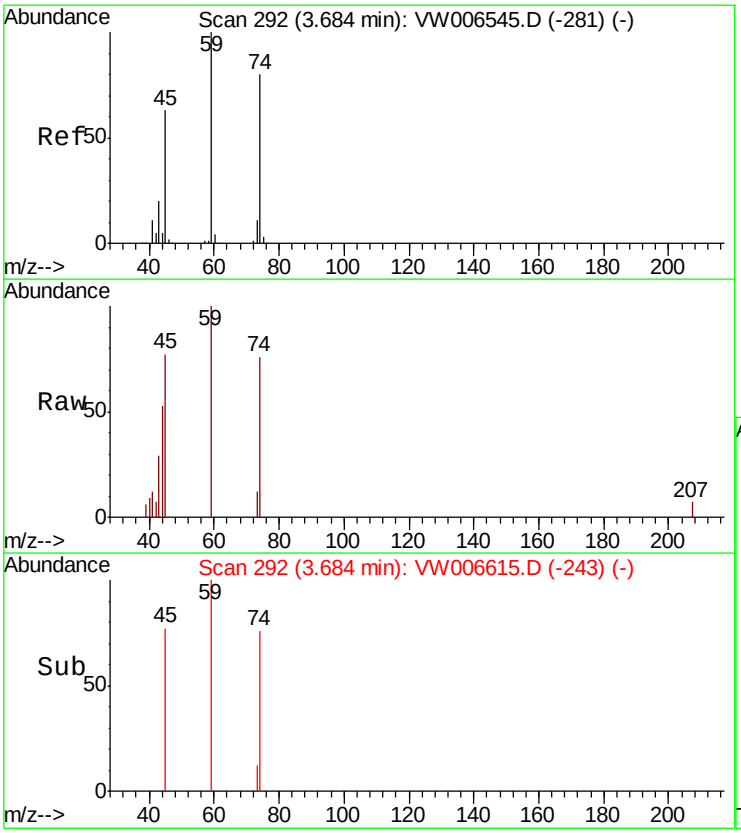
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-BRE

Tgt Ion:168 Resp: 239896

Ion	Ratio	Lower	Upper
168	100		
99	44.3	37.4	56.0

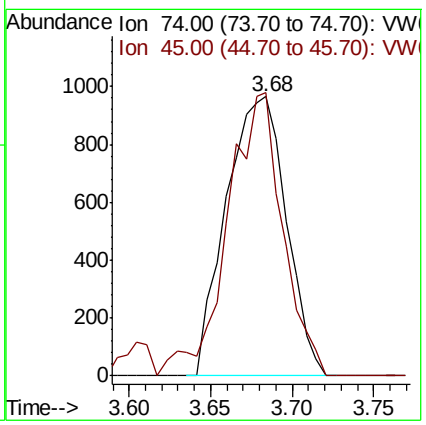


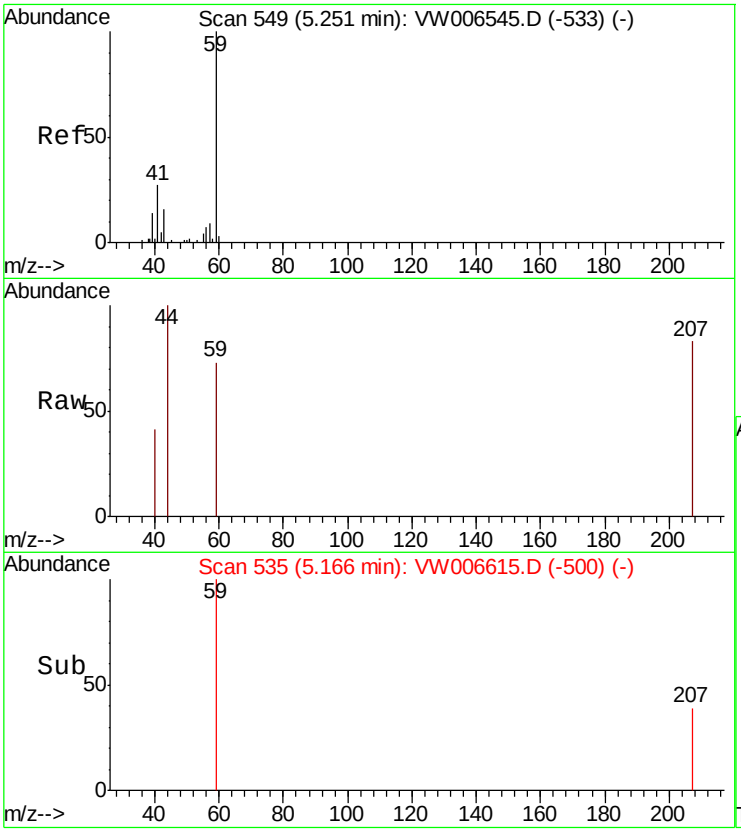


#8
Diethyl Ether
Concen: 2.381 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion: 74 Resp: 2469

Ion	Ratio	Lower	Upper
74	100		
45	93.1	41.1	123.4



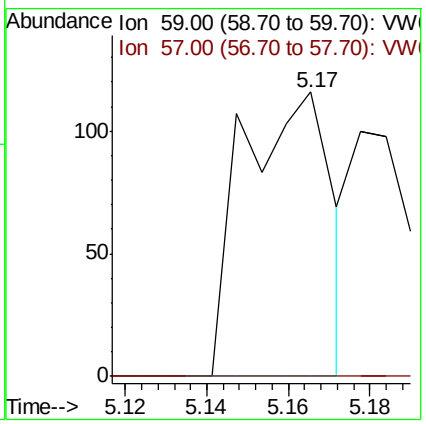


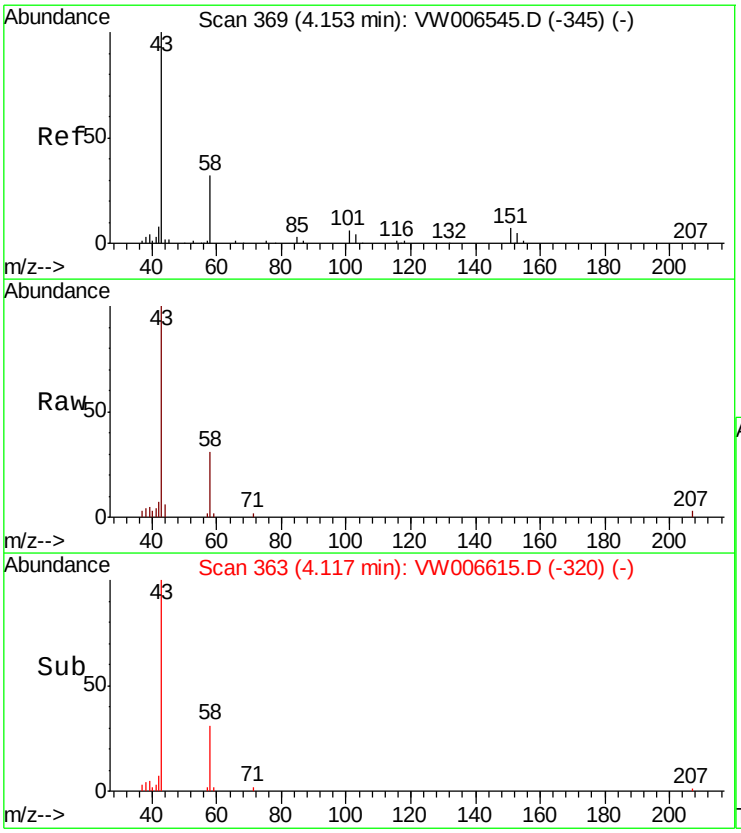
#11
Tert butyl alcohol
Concen: 1.575 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.09 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-BRE

Tgt Ion: 59 Resp: 175

Ion	Ratio	Lower	Upper
59	100		
57	0.0	4.3	6.5#

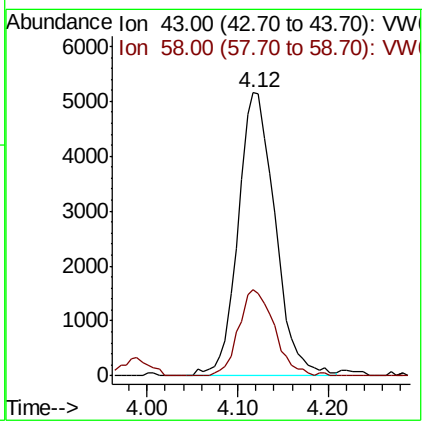


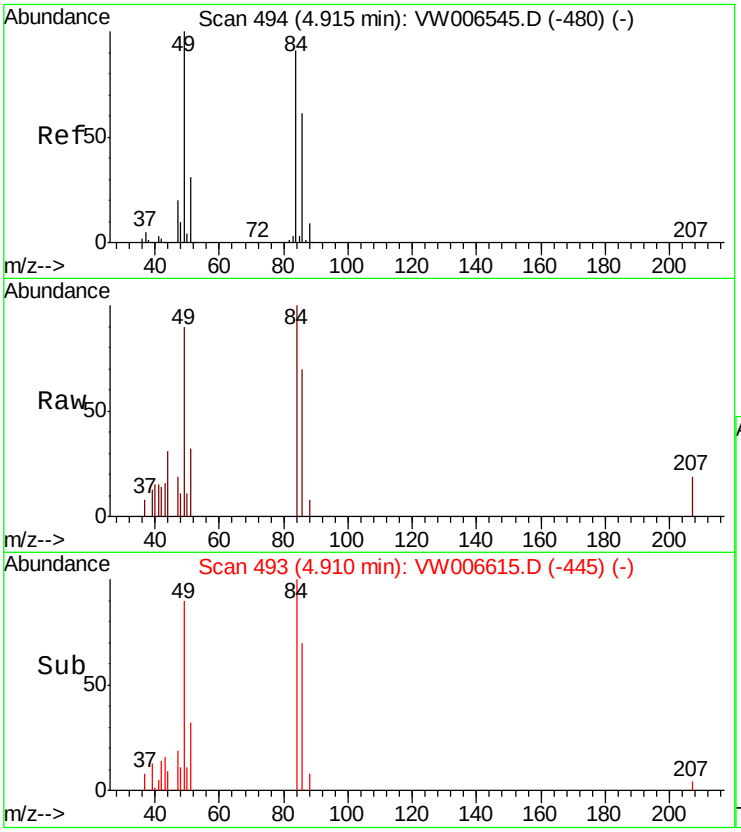


#16
Acetone
Concen: 43.877 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.04 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion: 43 Resp: 14608

Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.8	38.8



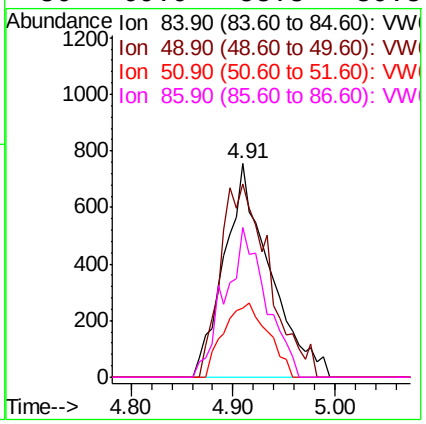


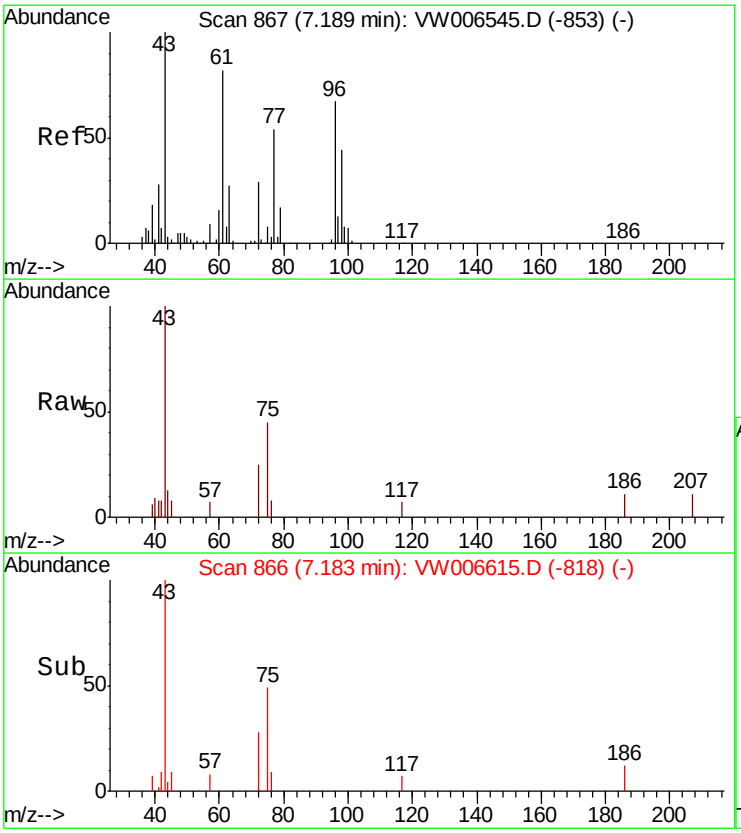
#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-BRE

Tgt Ion: 84 Resp: 2341

Ion	Ratio	Lower	Upper
84	100		
49	90.2	88.2	132.4
51	32.1	27.0	40.6
86	69.9	53.8	80.8

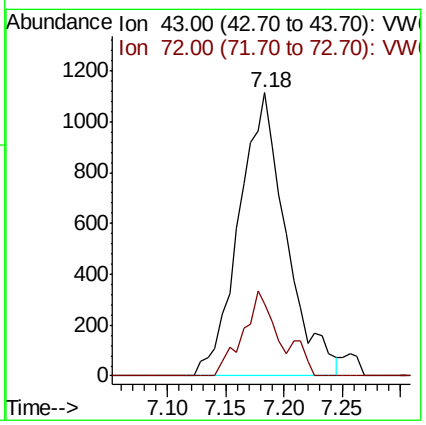


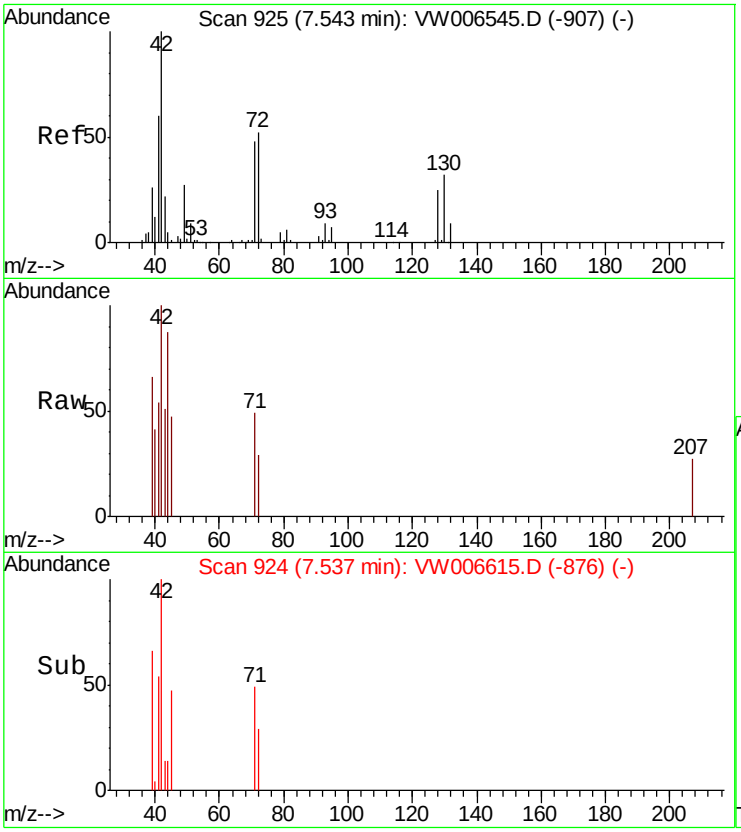


#25
2-Butanone
Concen: 6.603 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion: 43 Resp: 3137

Ion	Ratio	Lower	Upper
43	100		
72	25.3	23.2	34.8



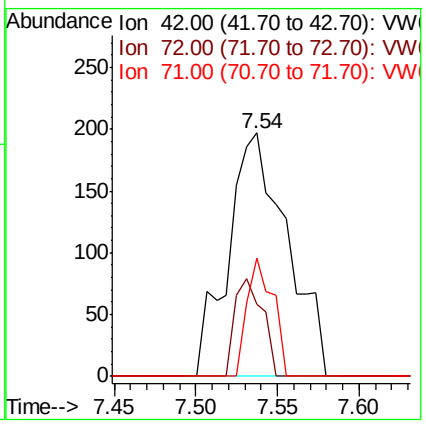


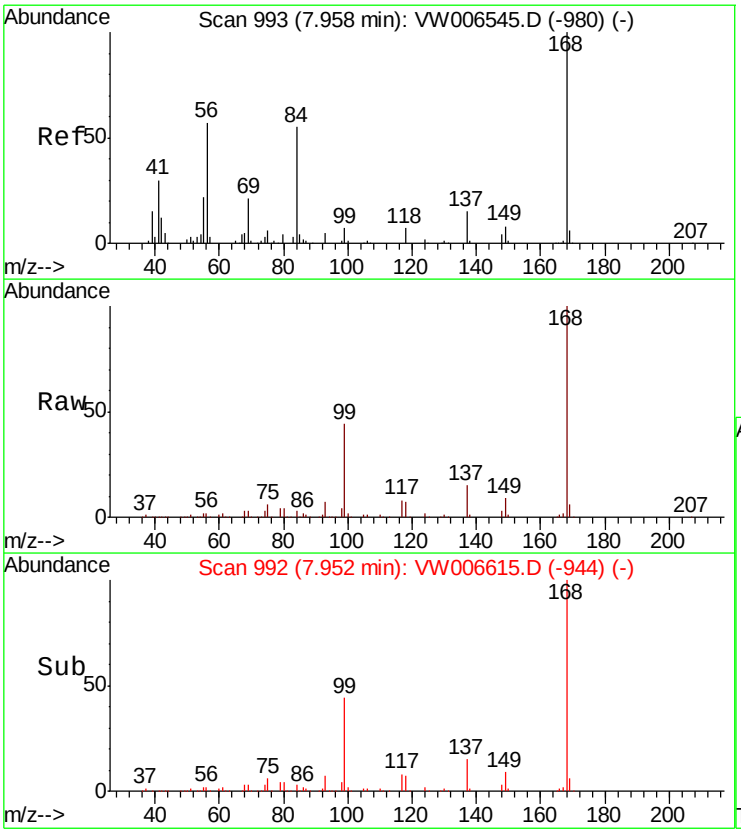
#29
Tetrahydrofuran
Concen: 1.657 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-BRE

Tgt Ion: 42 Resp: 495

Ion	Ratio	Lower	Upper
42	100		
72	18.8	39.2	58.8#
71	21.4	37.6	56.4#

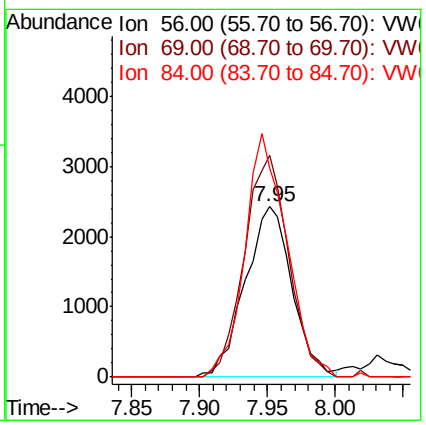


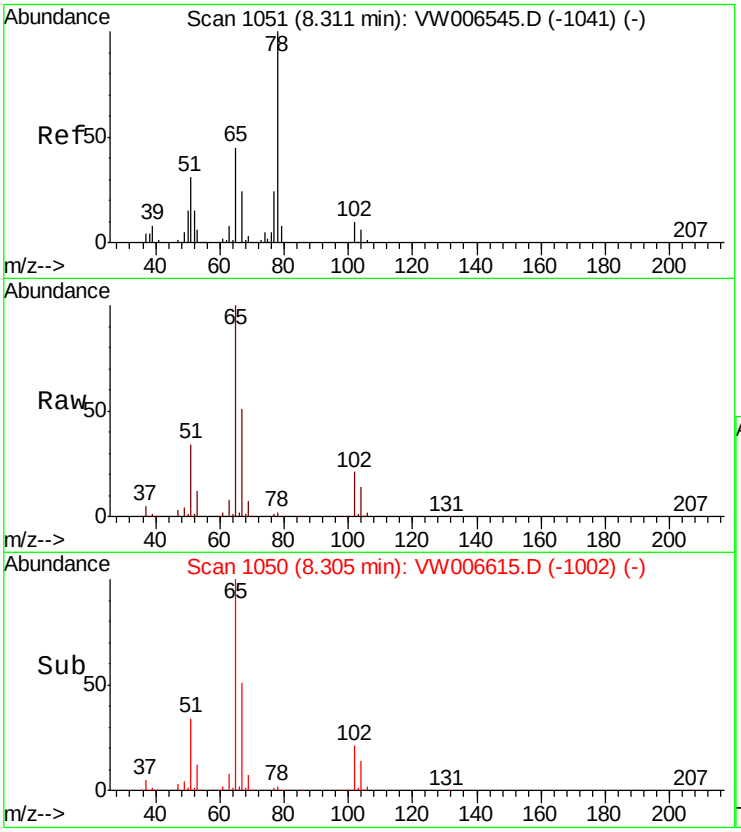


#31
Cyclohexane
Concen: 1.786 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion: 56 Resp: 5866

Ion	Ratio	Lower	Upper
56	100		
69	130.6	29.0	43.4#
84	122.5	77.8	116.6#



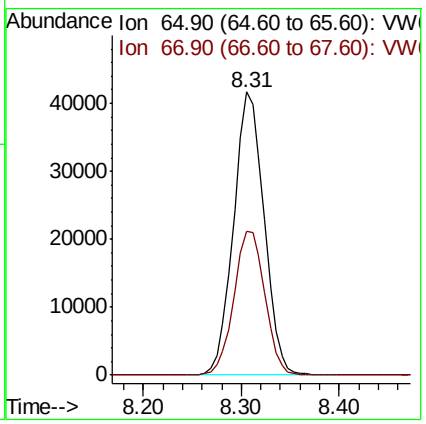


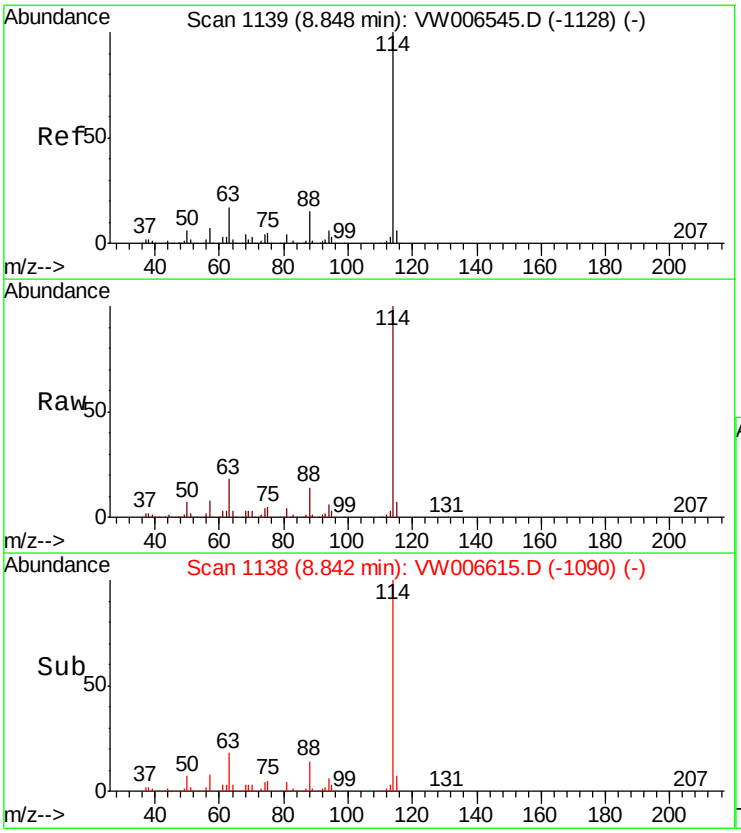
#33
1,2-Dichloroethane-d4
Concen: 43.698 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-BRE

Tgt Ion: 65 Resp: 90112

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.4

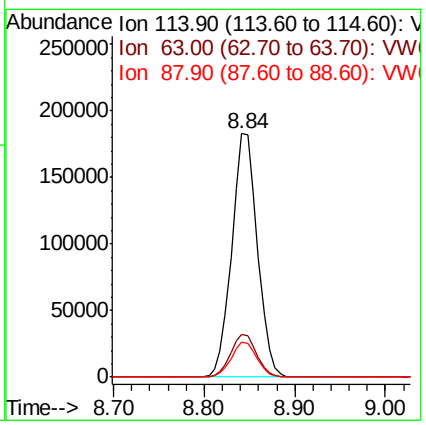


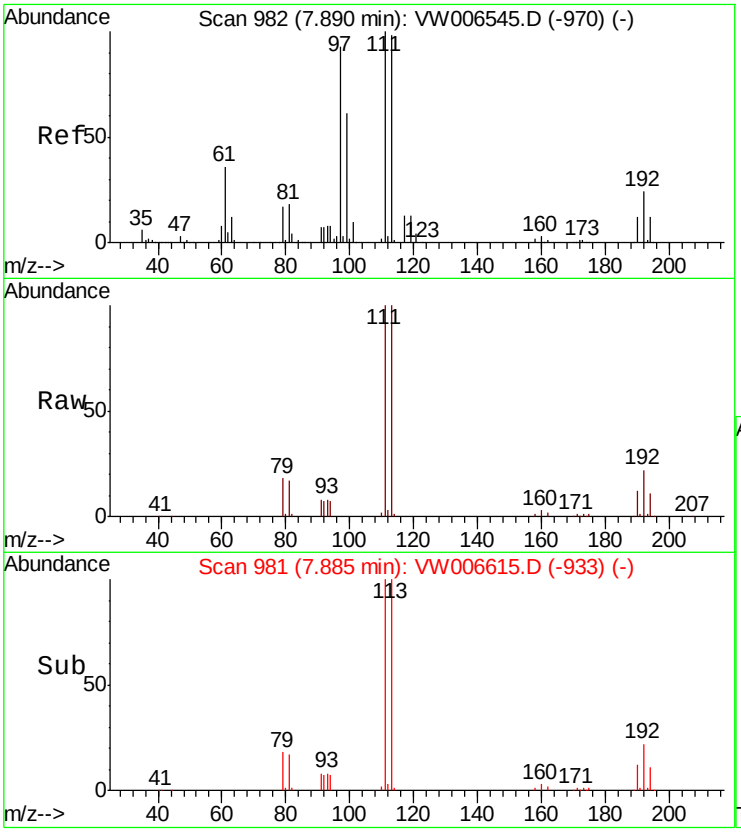


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion:114 Resp: 357834

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.4
88	14.3	0.0	29.0



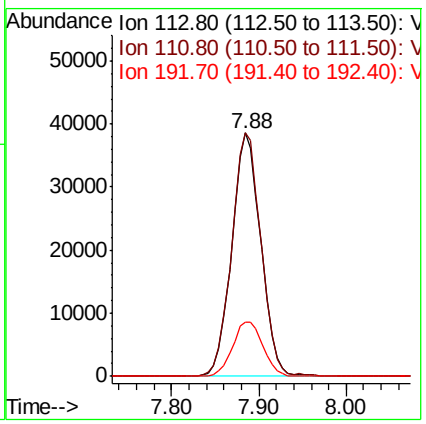


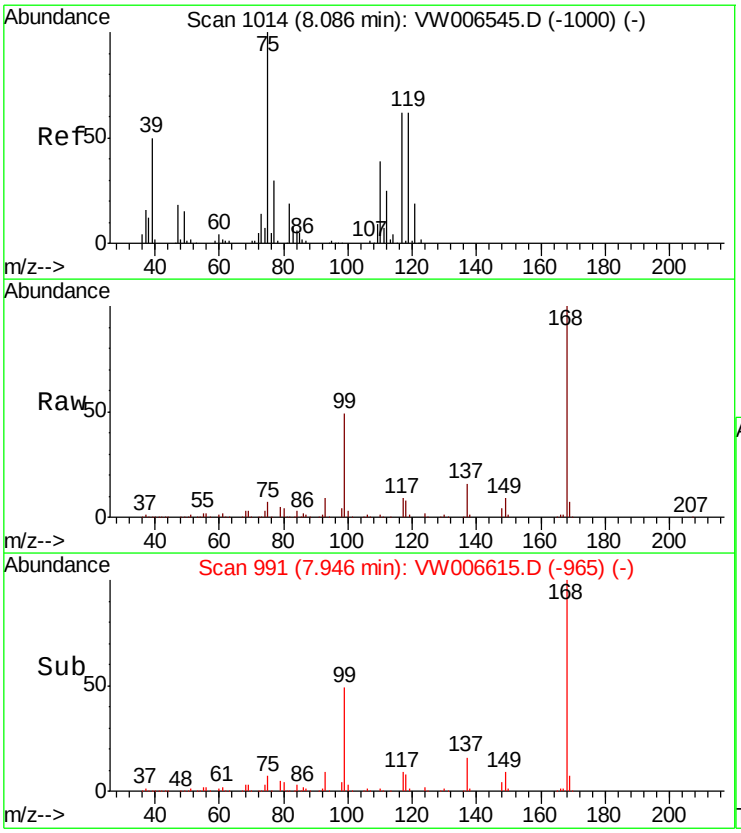
#35
Dibromofluoromethane
Concen: 39.444 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-BRE

Tgt Ion:113 Resp: 88579

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.2
192	23.5	19.0	28.6

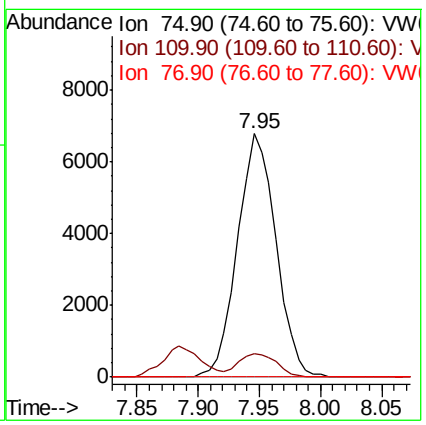


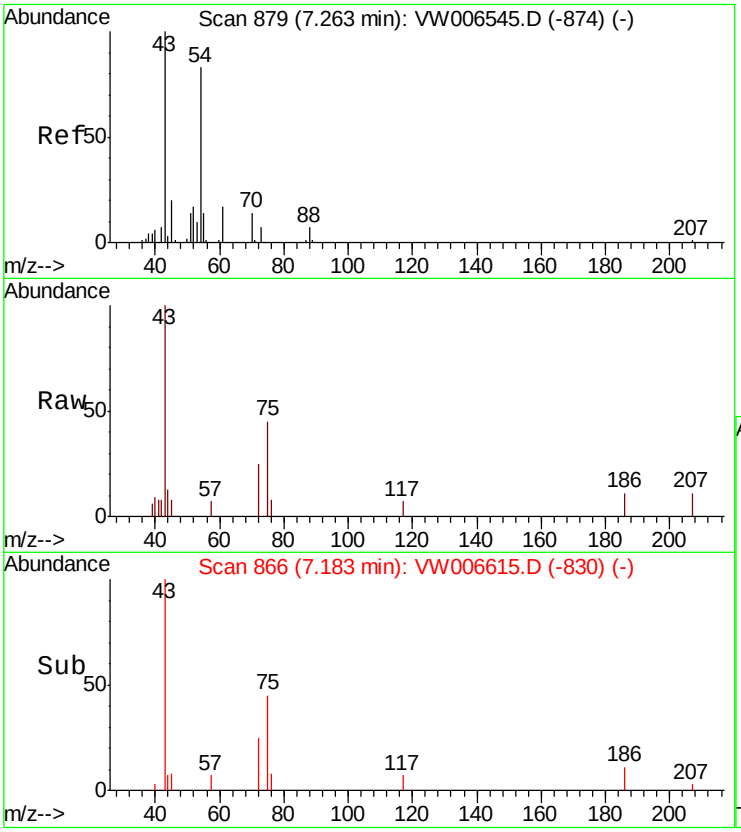


#36
1,1-Dichloropropene
Concen: 4.710 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.14 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion: 75 Resp: 14823

Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.5	58.5#
77	0.0	24.6	37.0#



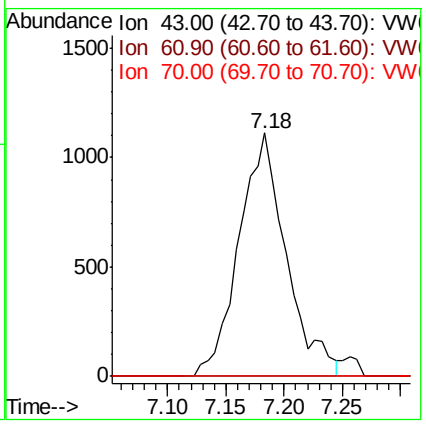


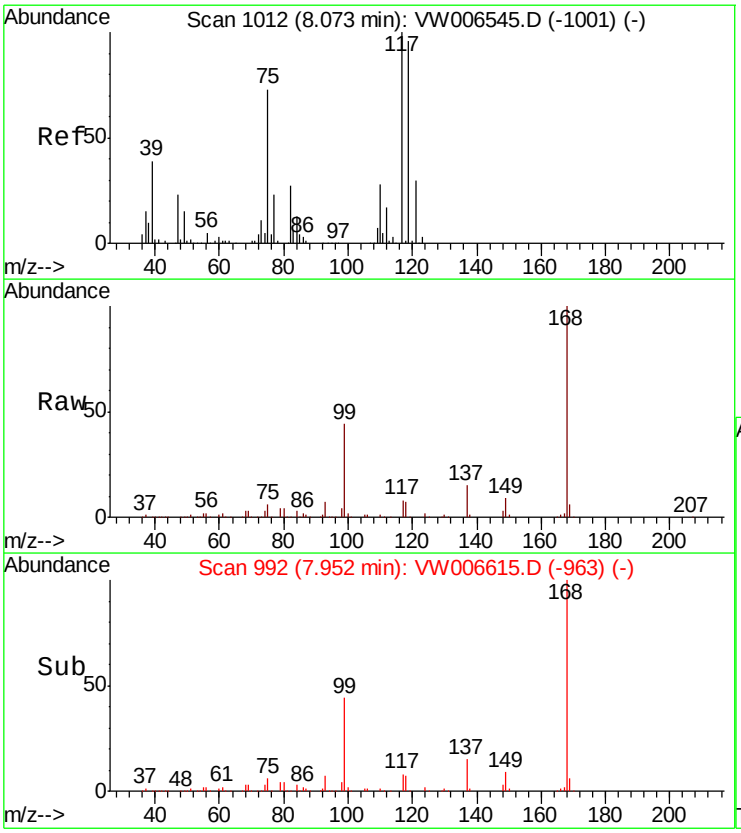
#37
Ethyl Acetate
Concen: 2.877 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.08 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-BRE

Tgt Ion: 43 Resp: 3137

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	0.0	9.8	14.6#

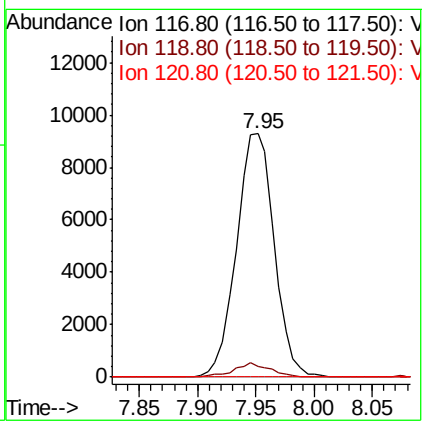


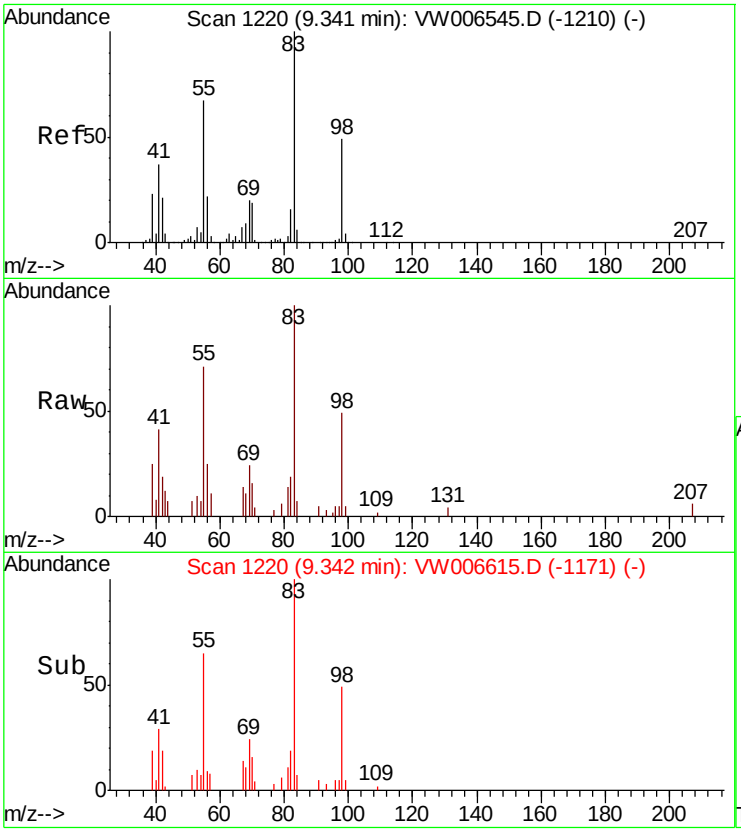


#38
Carbon Tetrachloride
Concen: 6.389 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion:117 Resp: 21007

Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.3	114.5#
121	0.0	24.1	36.1#



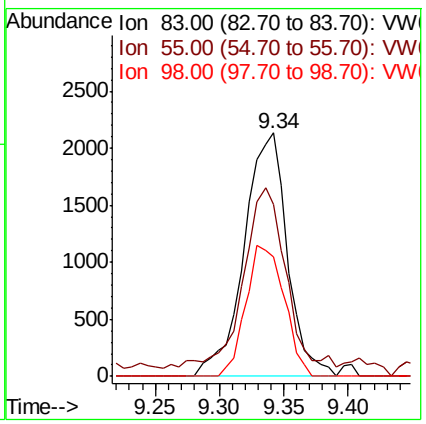


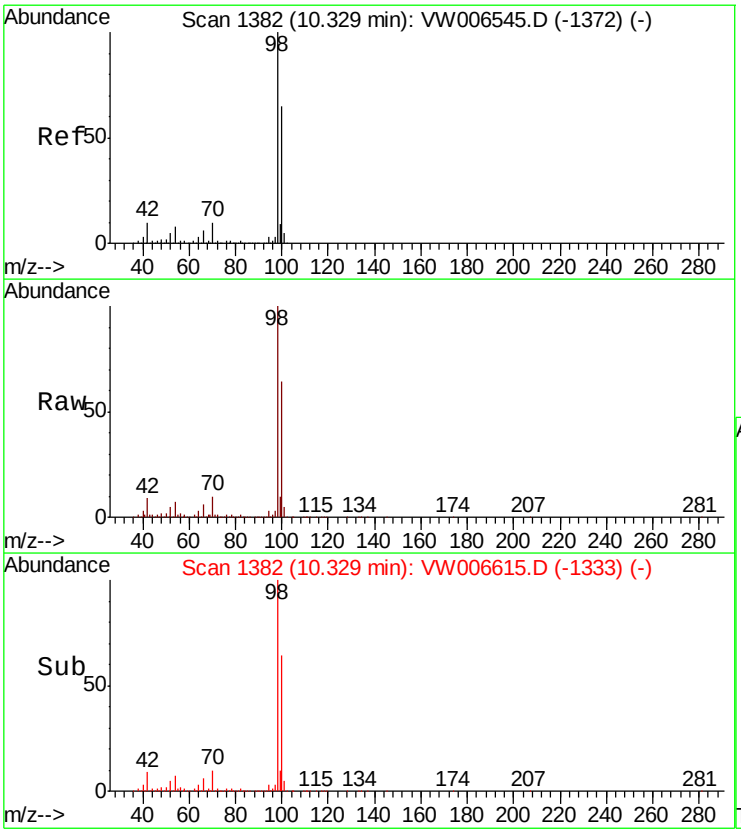
#39
Methylcyclohexane
Concen: 1.240 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-BRE

Tgt Ion: 83 Resp: 4953

Ion	Ratio	Lower	Upper
83	100		
55	66.6	53.7	80.5
98	48.8	39.2	58.8

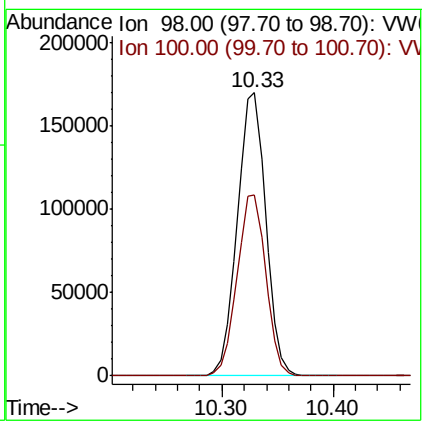


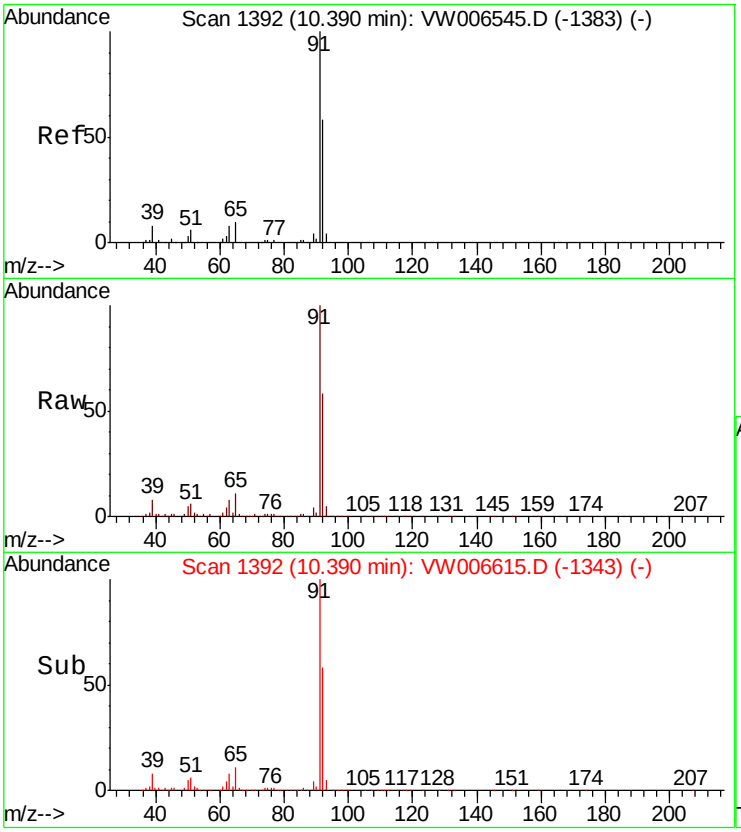


#50
Toluene-d8
Concen: 35.321 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion: 98 Resp: 301956

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4



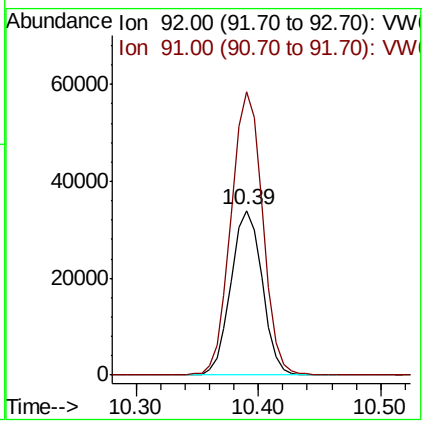


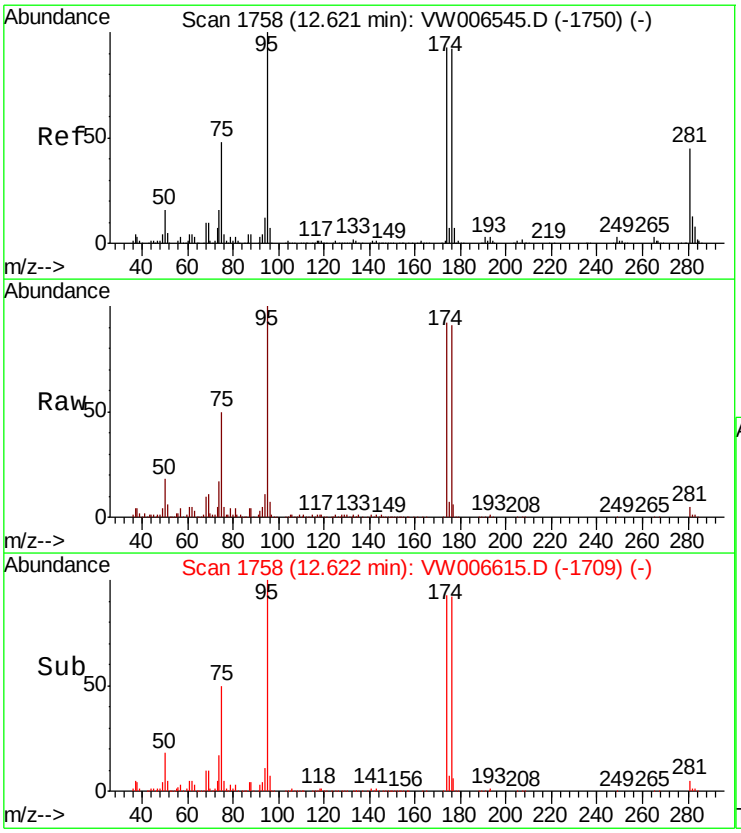
#52
Toluene
Concen: 10.041 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-BRE

Tgt Ion: 92 Resp: 60198

Ion	Ratio	Lower	Upper
92	100		
91	172.4	138.6	208.0

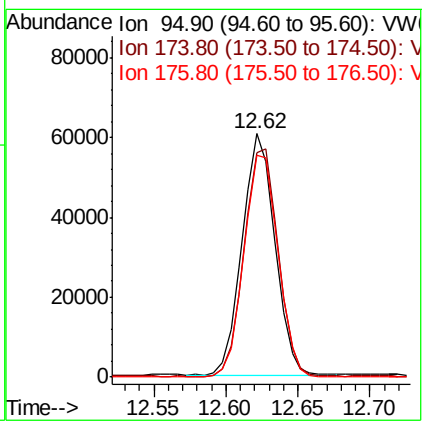


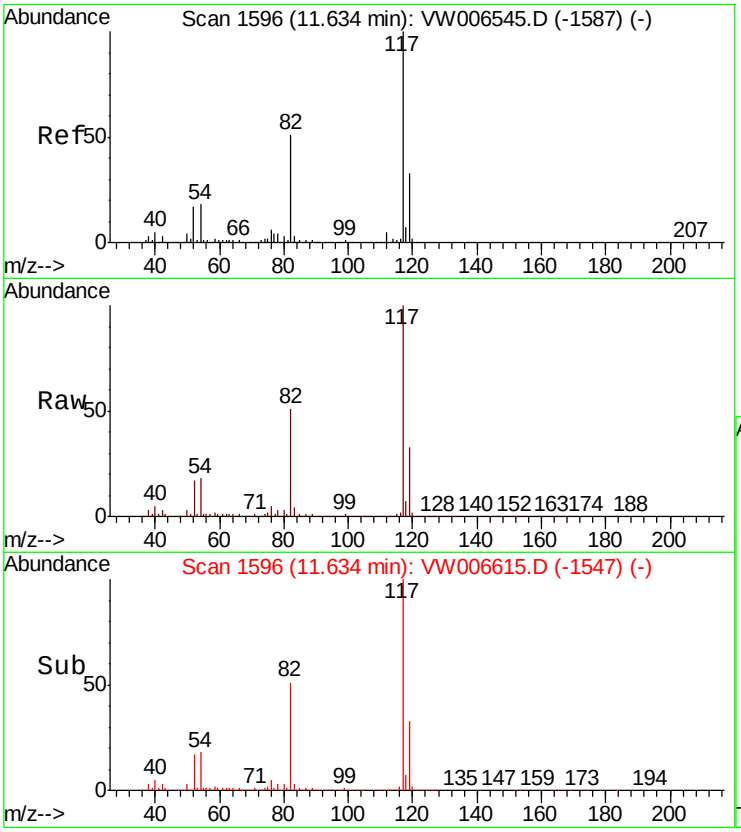


#62
4-Bromofluorobenzene
Concen: 30.740 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion: 95 Resp: 95273

Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	192.4
176	95.5	0.0	187.4



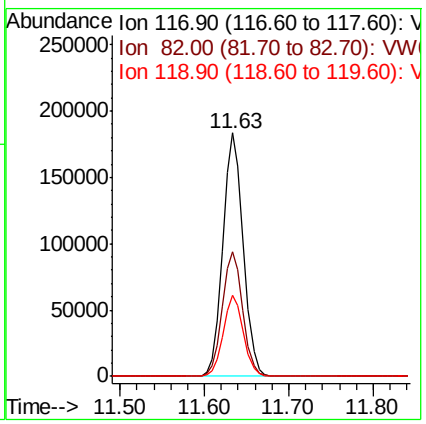


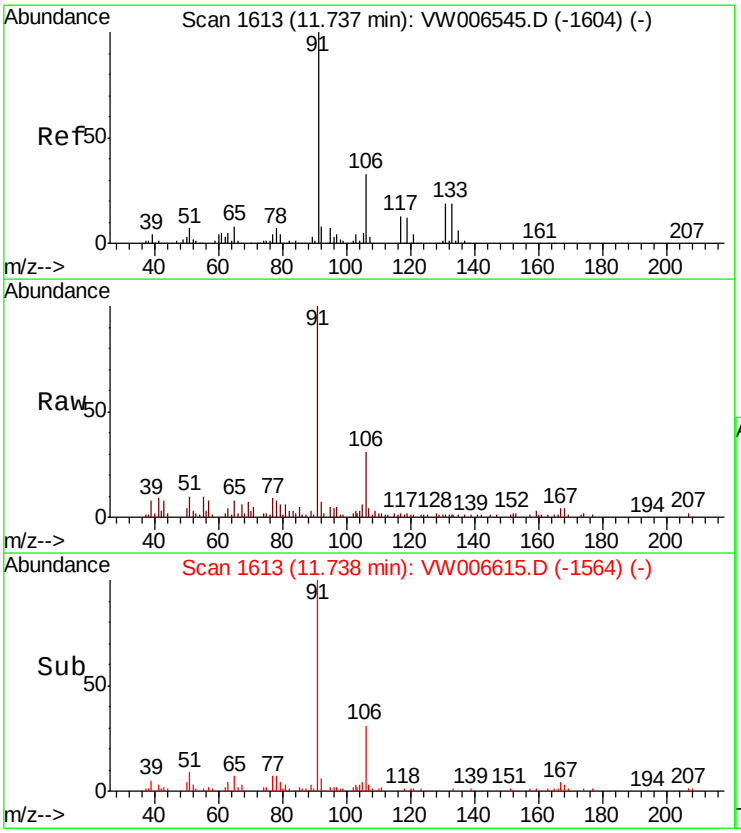
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-BRE

Tgt Ion:117 Resp: 303087

Ion	Ratio	Lower	Upper
117	100		
82	51.1	40.8	61.2
119	33.4	26.1	39.1

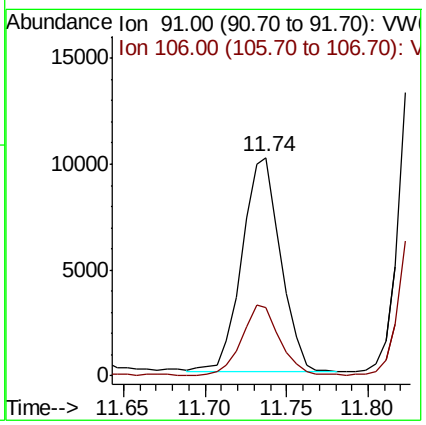


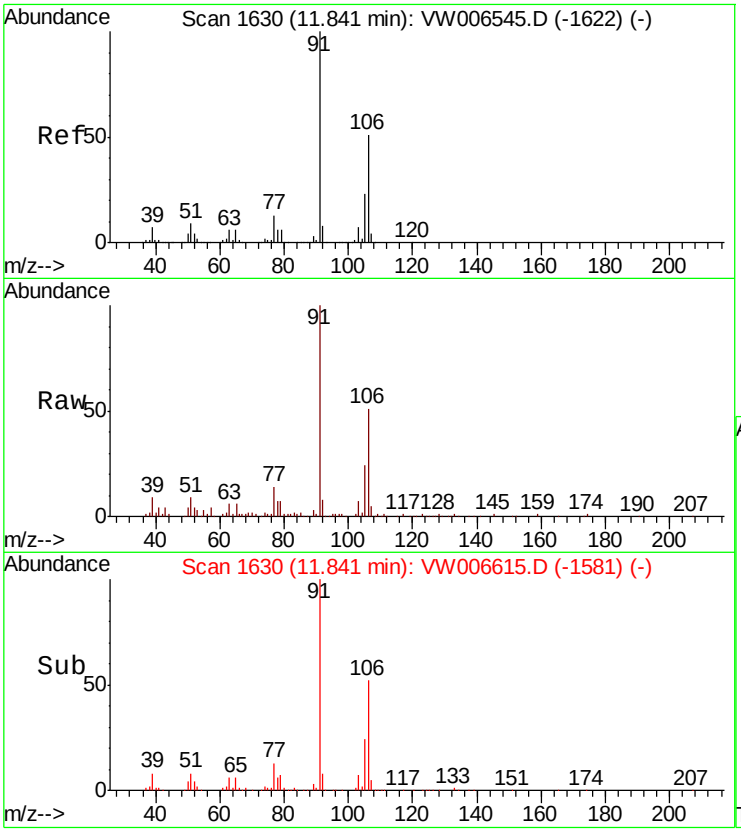


#67
Ethyl Benzene
Concen: 1.556 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion: 91 Resp: 16590

Ion	Ratio	Lower	Upper
91	100		
106	31.7	26.3	39.5



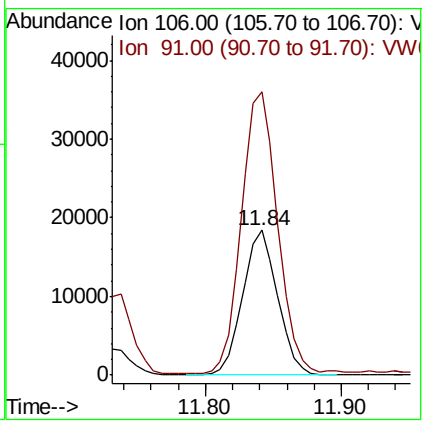


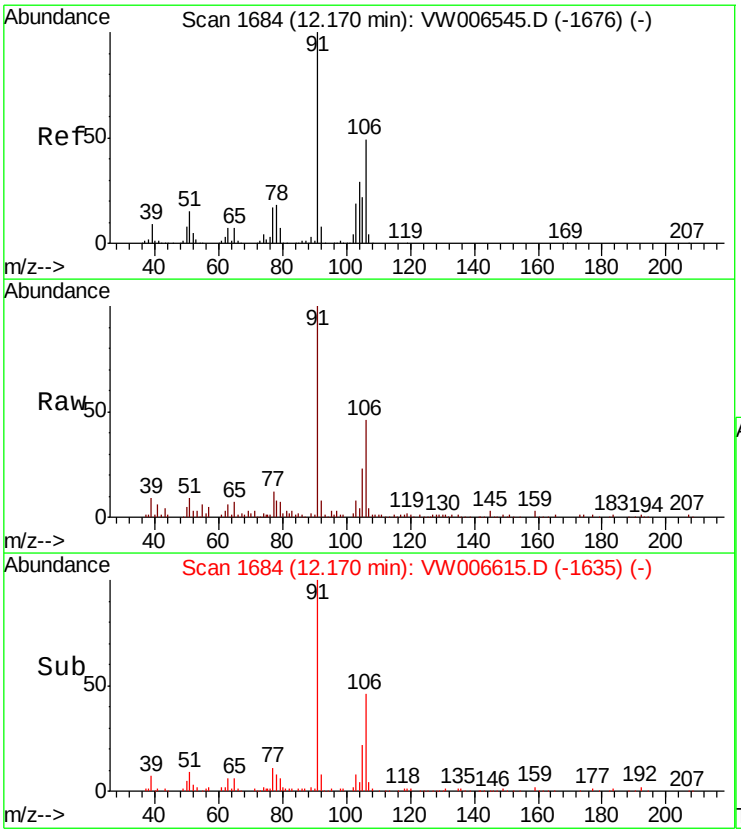
#68
m/p-Xylenes
Concen: 7.765 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-BRE

Tgt Ion:106 Resp: 33071

Ion	Ratio	Lower	Upper
106	100		
91	201.0	156.7	235.1

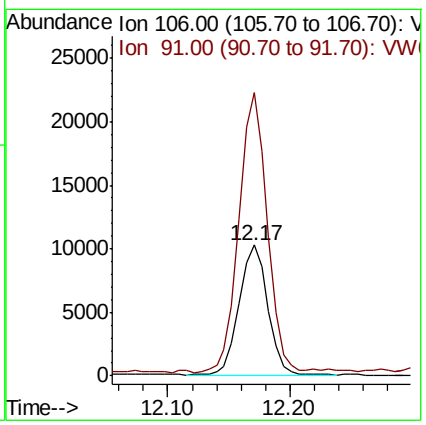


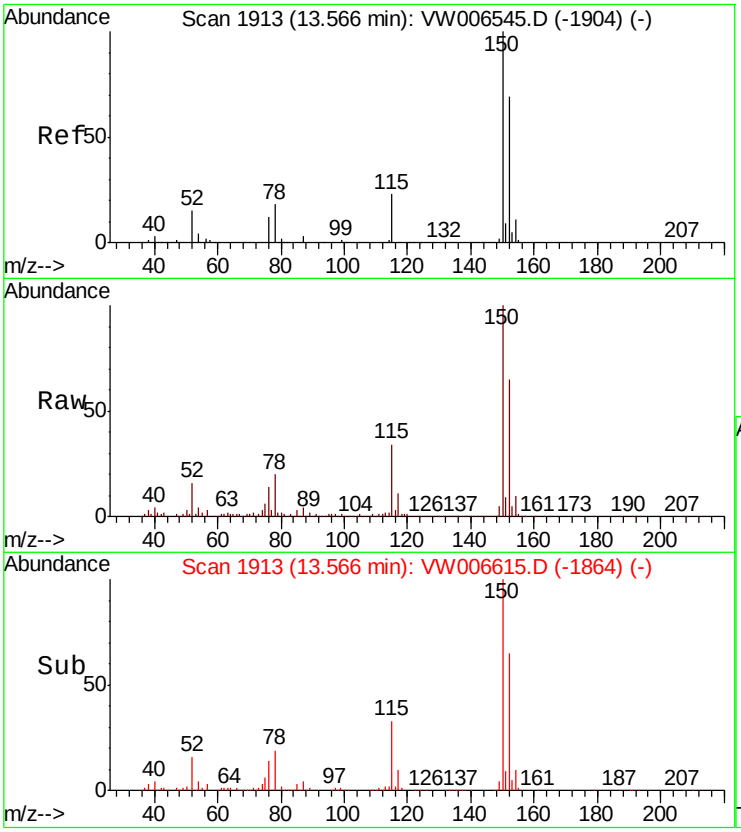


#69
o-Xylene
Concen: 4.109 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion:106 Resp: 16661

Ion	Ratio	Lower	Upper
106	100		
91	211.2	102.8	308.4



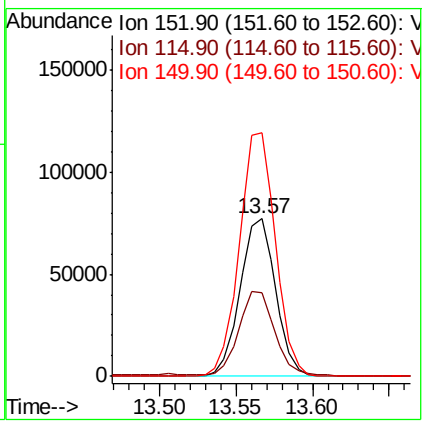


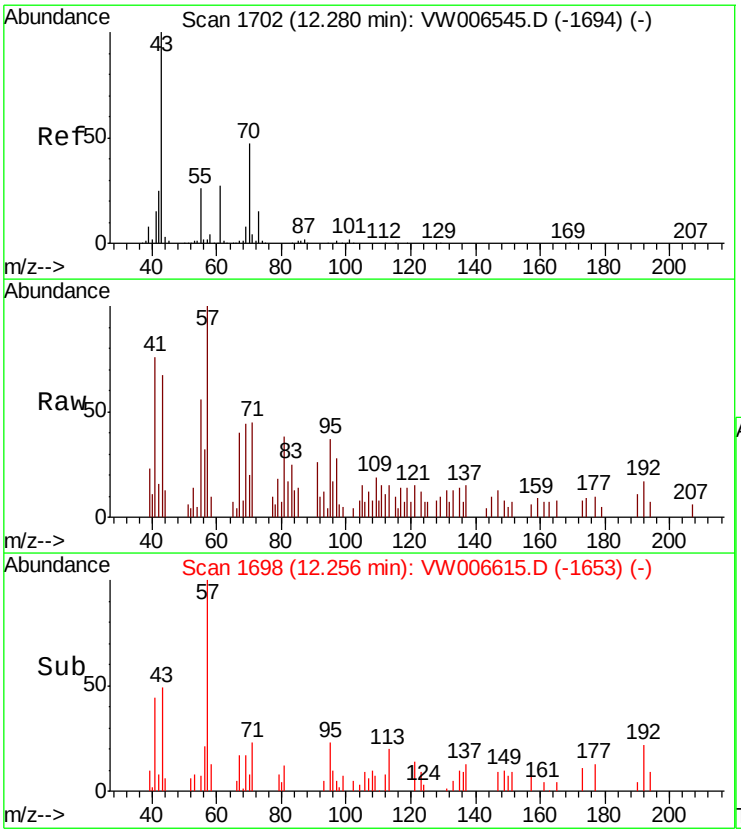
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-BRE

Tgt Ion:152 Resp: 123846

Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.6	79.8
150	157.4	0.0	344.6

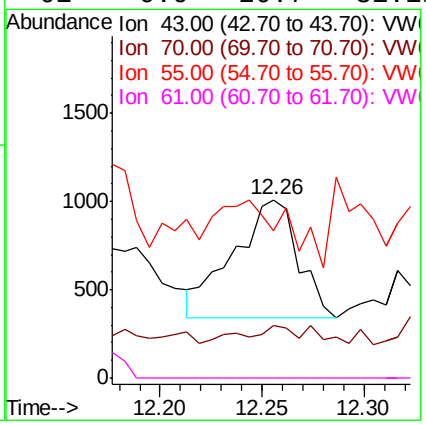


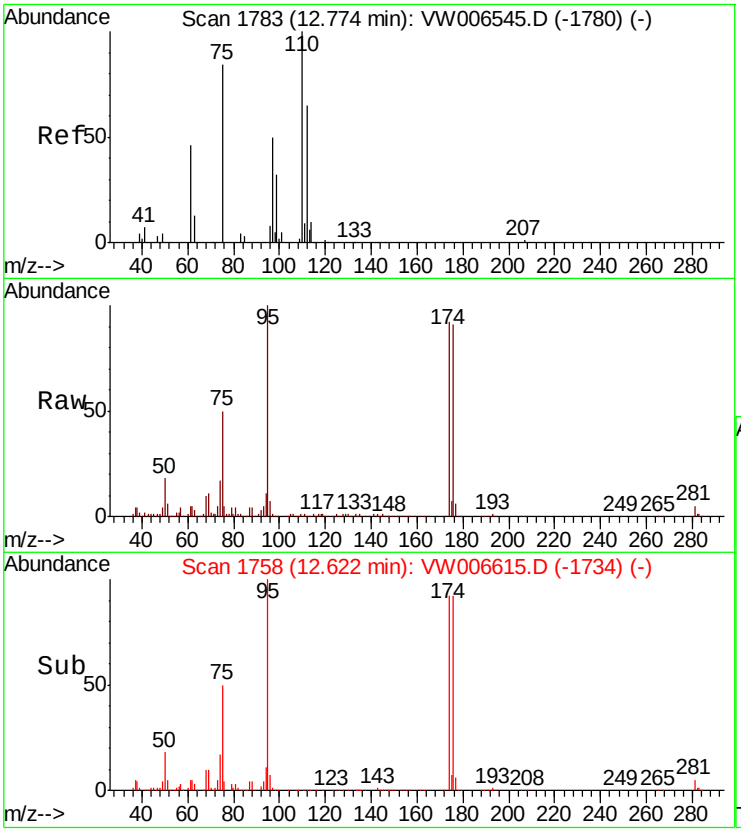


#74
N-amyl acetate
Concen: 1.050 ug/l
RT: 12.26 min Scan# 1698
Delta R.T. -0.02 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion: 43 Resp: 1480

Ion	Ratio	Lower	Upper
43	100		
70	11.3	36.9	55.3#
55	50.7	20.7	31.1#
61	0.0	20.7	31.1#



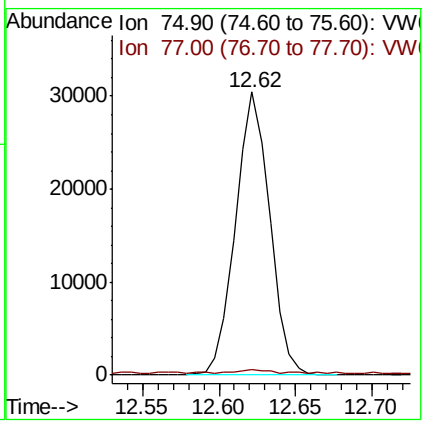


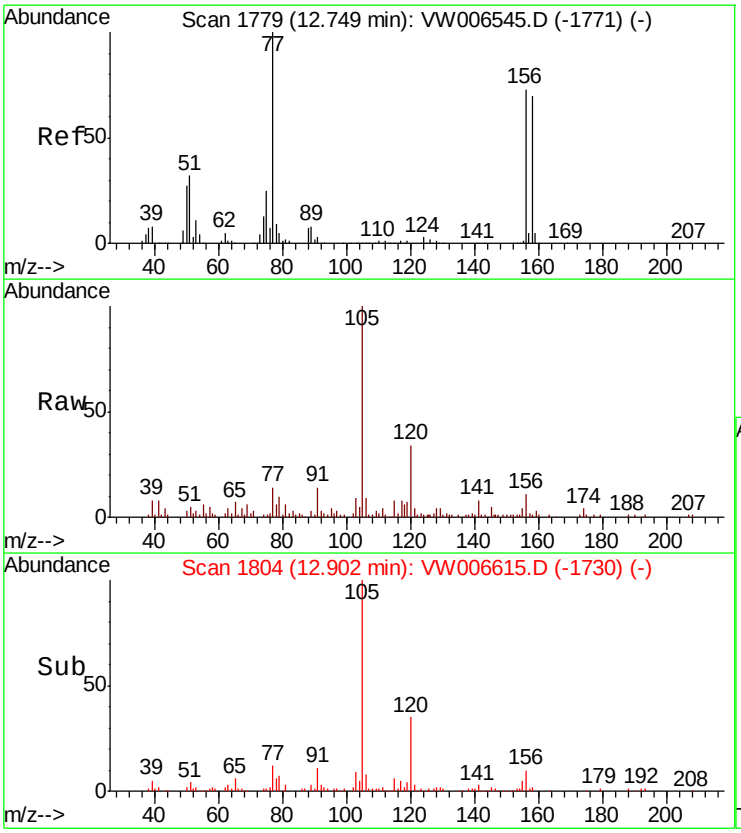
#76
1,2,3-Trichloropropane
Concen: 48.842 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-BRE

Tgt Ion: 75 Resp: 47195

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#

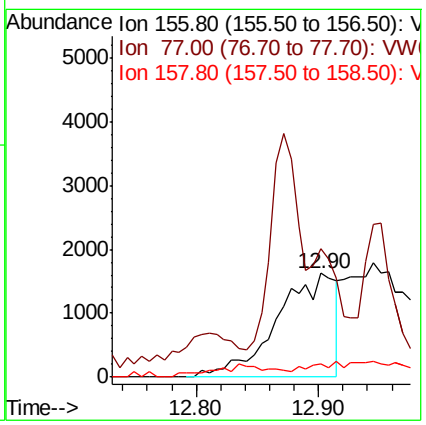


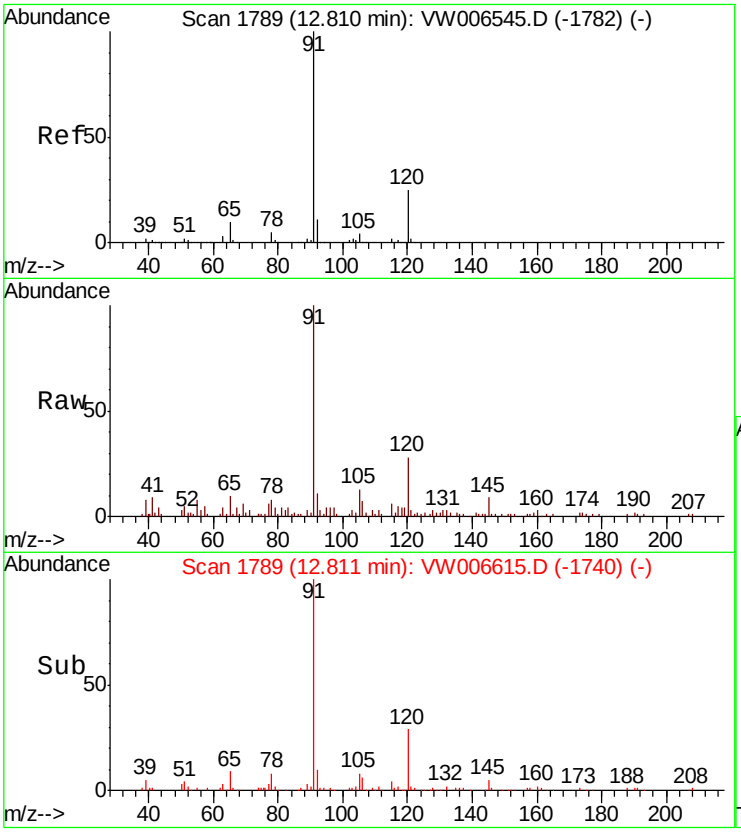


#77
Bromobenzene
Concen: 2.545 ug/l
RT: 12.90 min Scan# 1804
Delta R.T. 0.15 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion:156 Resp: 5375

Ion	Ratio	Lower	Upper
156	100		
77	0.0	75.9	227.8#
158	3.4	48.6	145.9#



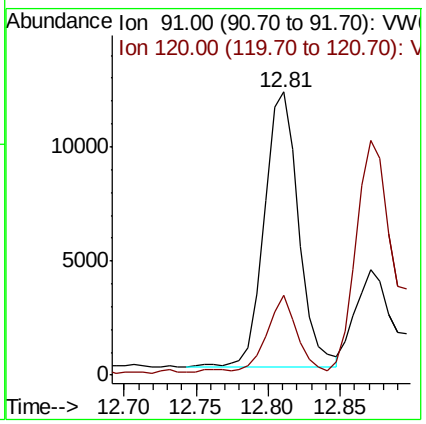


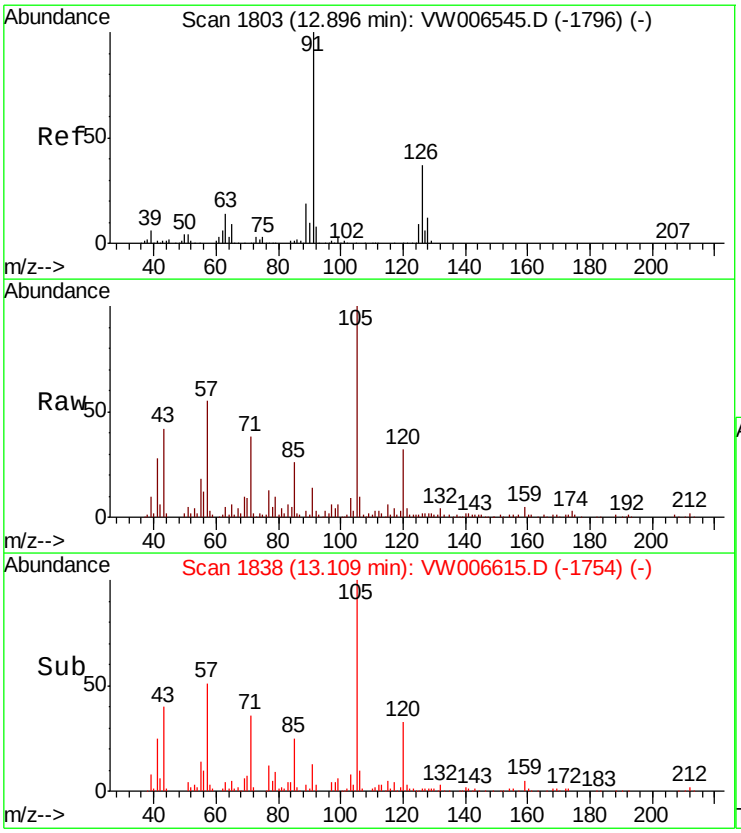
#78
n-propylbenzene
Concen: 2.121 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-BRE

Tgt Ion: 91 Resp: 19906

Ion	Ratio	Lower	Upper
91	100		
120	23.2	12.4	37.0

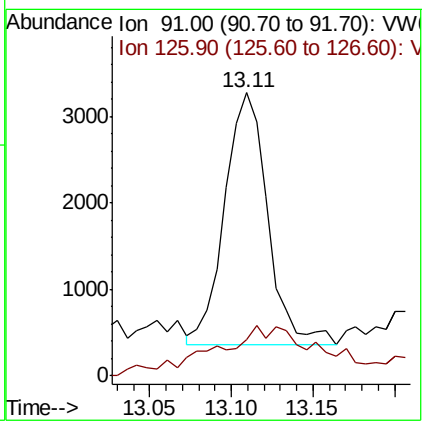


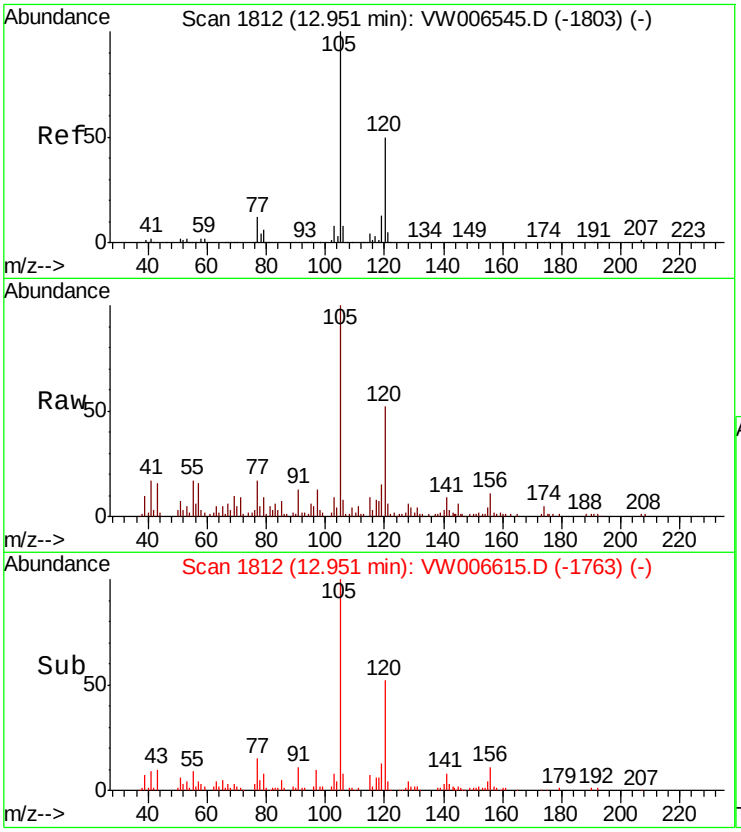


#79
2-Chlorotoluene
Concen: 1.001 ug/l
RT: 13.11 min Scan# 1838
Delta R.T. 0.21 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion: 91 Resp: 5392

Ion	Ratio	Lower	Upper
91	100		
126	26.1	18.5	55.5



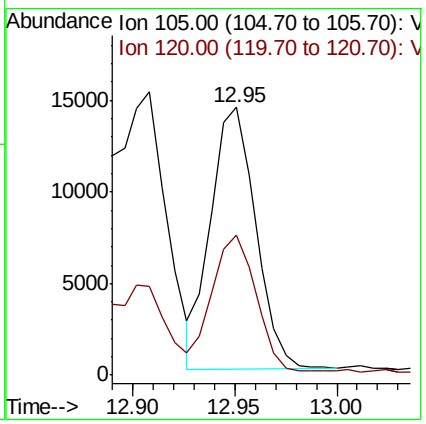


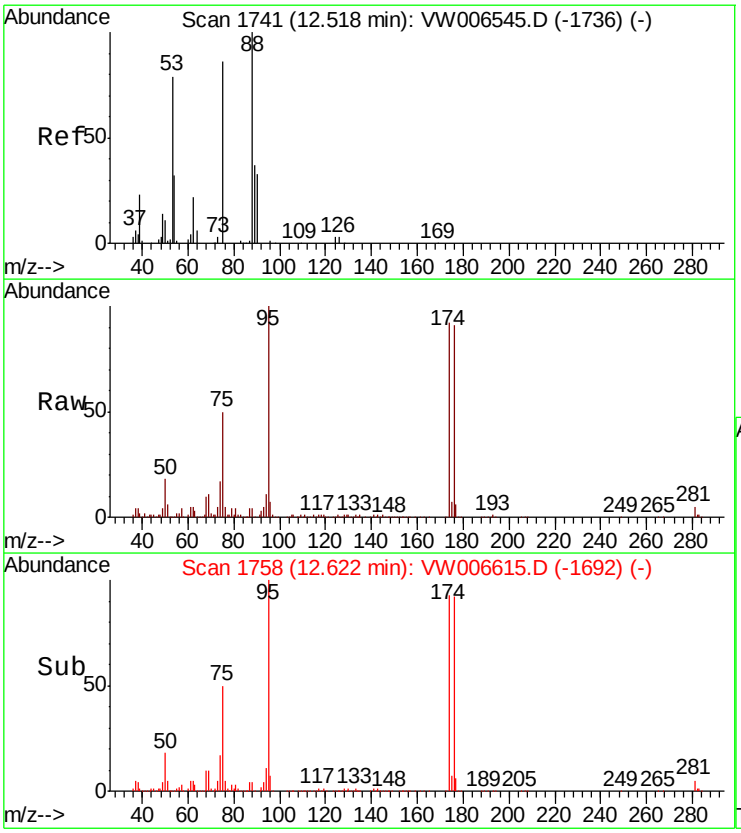
#80
1,3,5-Trimethylbenzene
Concen: 3.185 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-BRE

Tgt Ion:105 Resp: 21830

Ion	Ratio	Lower	Upper
105	100		
120	50.8	25.1	75.3

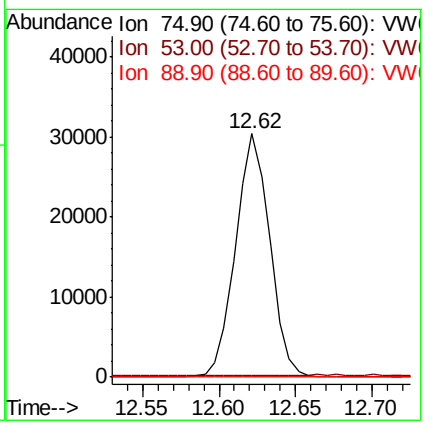


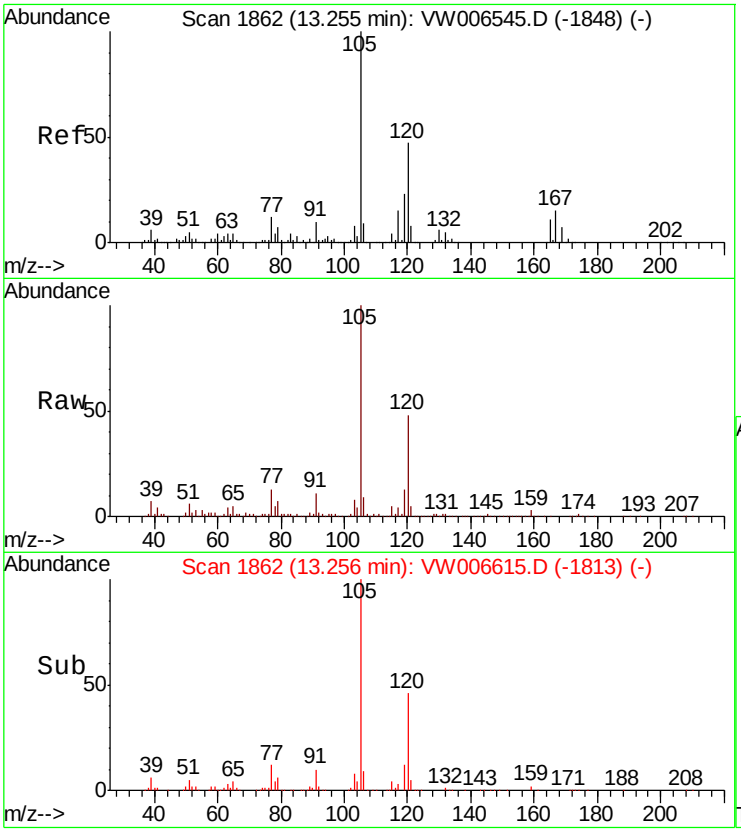


#81
trans-1,4-Dichloro-2-butene
Concen: 122.416 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion: 75 Resp: 47195

Ion	Ratio	Lower	Upper
75	100		
53	0.5	77.2	115.8#
89	0.0	38.6	58.0#



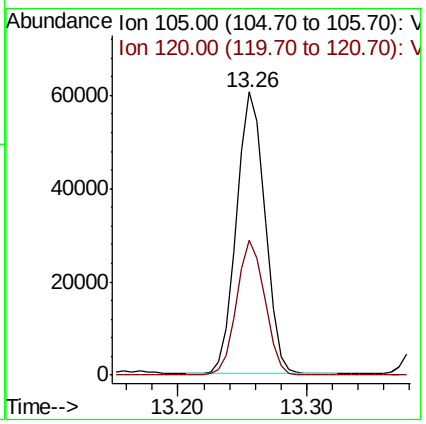


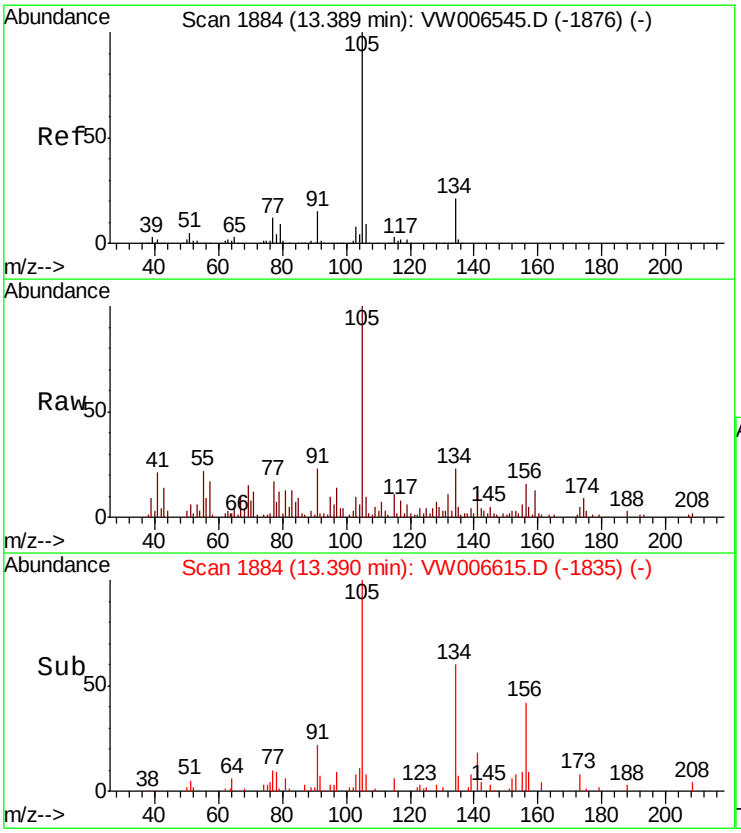
#84
1,2,4-Trimethylbenzene
Concen: 13.201 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-BRE

Tgt Ion:105 Resp: 92803

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.2	69.6

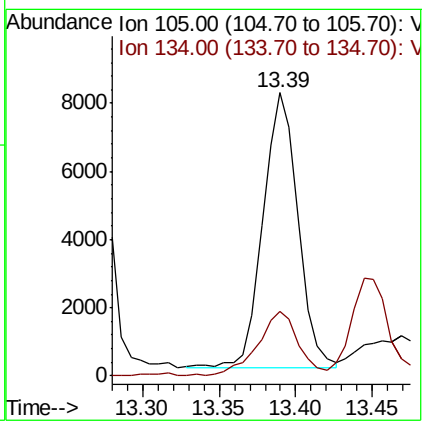


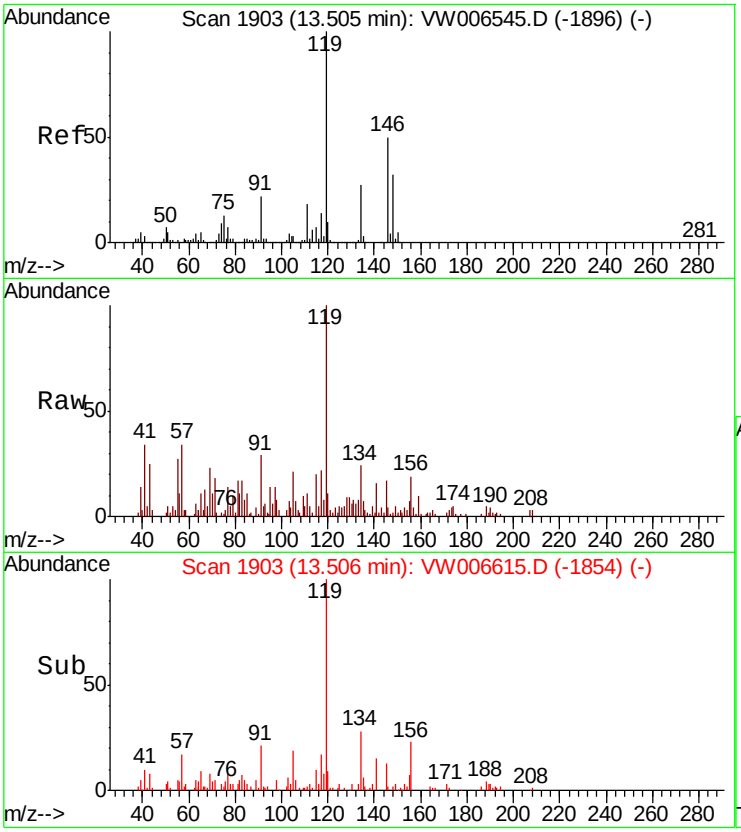


#85
sec-Butylbenzene
Concen: 1.489 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion:105 Resp: 12743

Ion	Ratio	Lower	Upper
105	100		
134	27.8	10.6	31.8



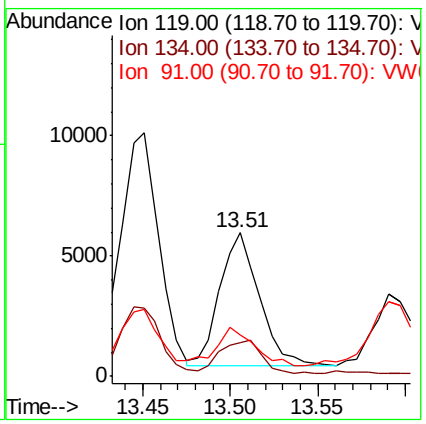


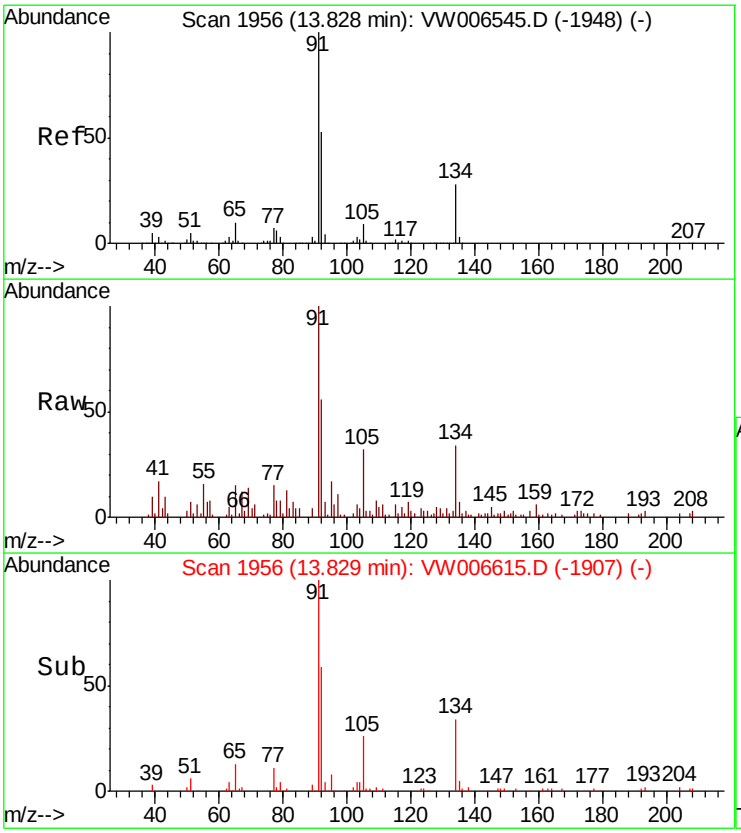
#86
p-Isopropyltoluene
Concen: 1.106 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-BRE

Tgt Ion:119 Resp: 8612

Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.6	40.7
91	26.4	10.9	32.6

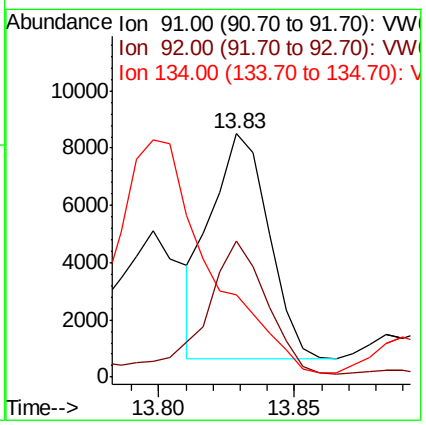


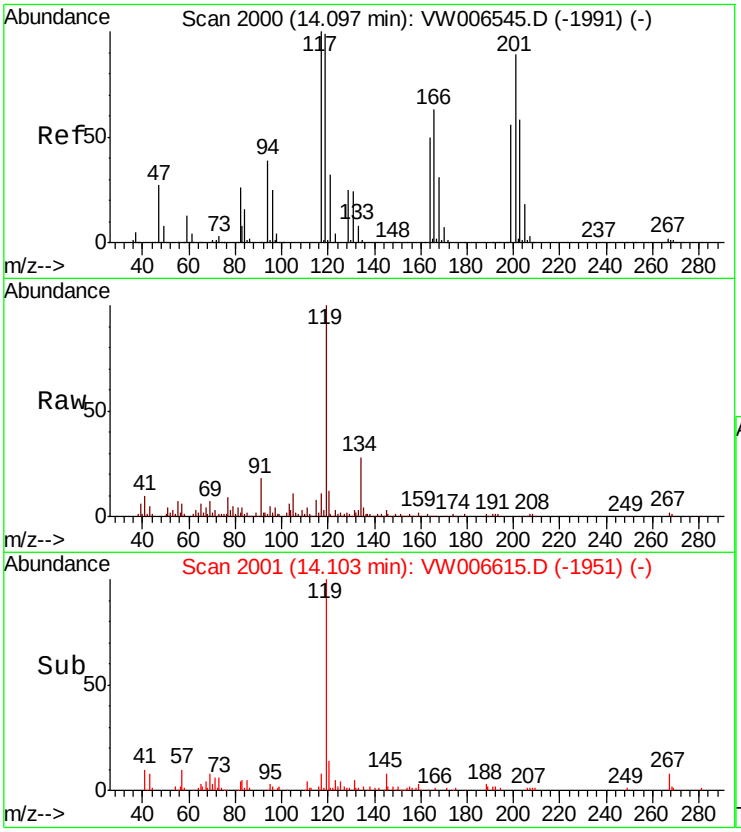


#89
n-Butylbenzene
Concen: 1.687 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion: 91 Resp: 11665

Ion	Ratio	Lower	Upper
91	100		
92	64.7	26.4	79.0
134	0.0	14.3	42.9#



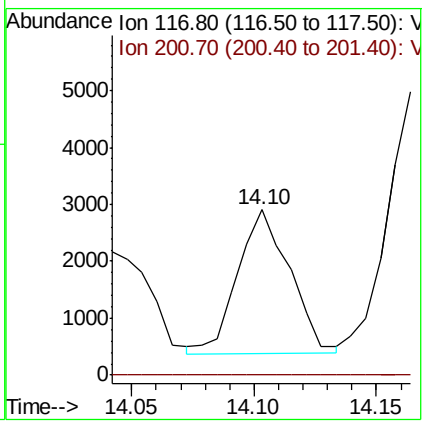


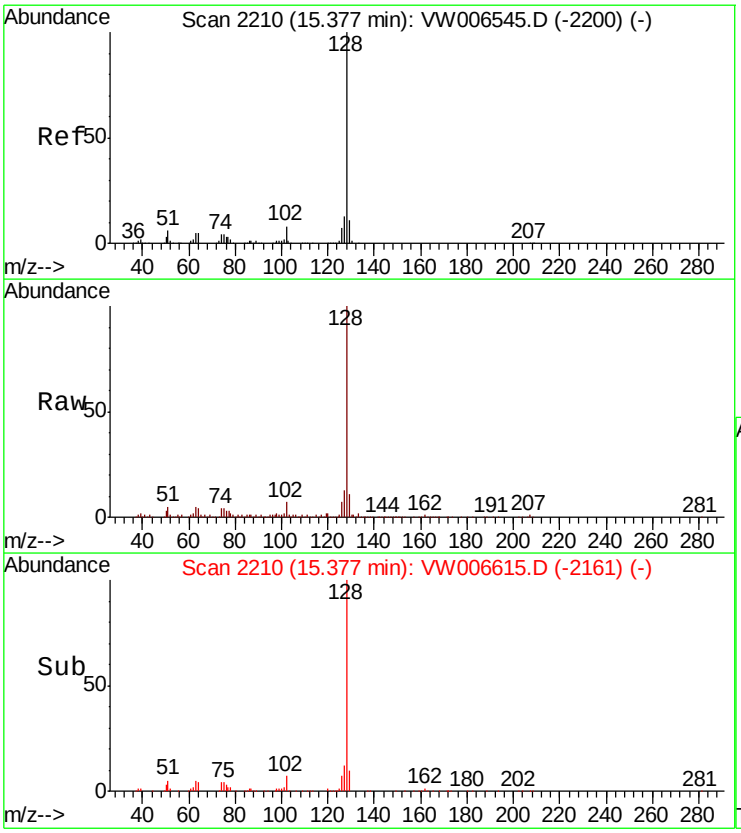
#90
Hexachloroethane
Concen: 2.939 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-BRE

Tgt Ion:117 Resp: 3763

Ion	Ratio	Lower	Upper
117	100		
201	0.0	46.8	140.3#





#95
Naphthalene
Concen: 36.155 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006615.D
Acq: 02 Nov 2018 21:17

Tgt Ion:128 Resp: 161682

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.2	8.7	13.1