Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112619\

Quantitation Report (Not Reviewed)

Data File : VW014137.D
Acq On : 26 Nov 2019 16:16
Operator : SY/VA
Sample : K6063-02
Misc : 5.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM8

Quant Time: Nov 27 07:08:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	167395	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	69416	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	7849	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	68778	25.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.00%			
7) Chloroethane-d5	2.89	69	70655	32.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 130.52%			
10) 1,1-Dichloroethene-d2	4.01	63	101460	18.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.04%			
20) 2-Butanone-d5	7.07	46	65215	84.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 168.10%#			
24) Chloroform-d	7.65	84	178577	34.70	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 138.80%			
26) 1,2-Dichloroethane-d4	8.31	65	81318	31.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 125.72%			
29) Benzene-d6	8.27	84	322889	65.56	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 262.24%#			
33) 1,2-Dichloropropane-d6	9.27	67	101538	70.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 281.52%#			
37) Toluene-d8	10.32	98	158376	33.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 135.64%#			
38) trans-1,3-Dichloropropene-	10.57	79	14315	23.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.68%			
39) 2-Hexanone-d5	10.92	63	22250	81.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 162.66%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	53803	49.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 197.52%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	11139	35.32	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 141.28%#			
Target Compounds						Qvalue
13) Acetone	4.12	43	4339	5.496	ug/L	65
30) Cyclohexane	7.96	56	1334	0.601	ug/L #	1
34) Benzene	8.32	78	9136	1.794	ug/L	100
35) Trichloroethene	8.84	95	4928	3.628	ug/L #	2
36) Methylcyclohexane	9.34	83	9316	3.825	ug/L	94
42) cis-1,3-Dichloropropene	10.04	75	1257	0.650	ug/L	98
44) Toluene	10.38	91	17247	3.107	ug/L	100
53) Ethylbenzene	11.73	91	1983	0.326	ug/L #	79
54) m,p-Xylene	11.84	106	3331	1.407	ug/L	87
55) o-xylene	12.16	106	1119	0.505	ug/L #	49
69) Naphthalene	15.37	128	338	0.576	ug/L #	69

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112619\

Quantitation Report (Not Reviewed)

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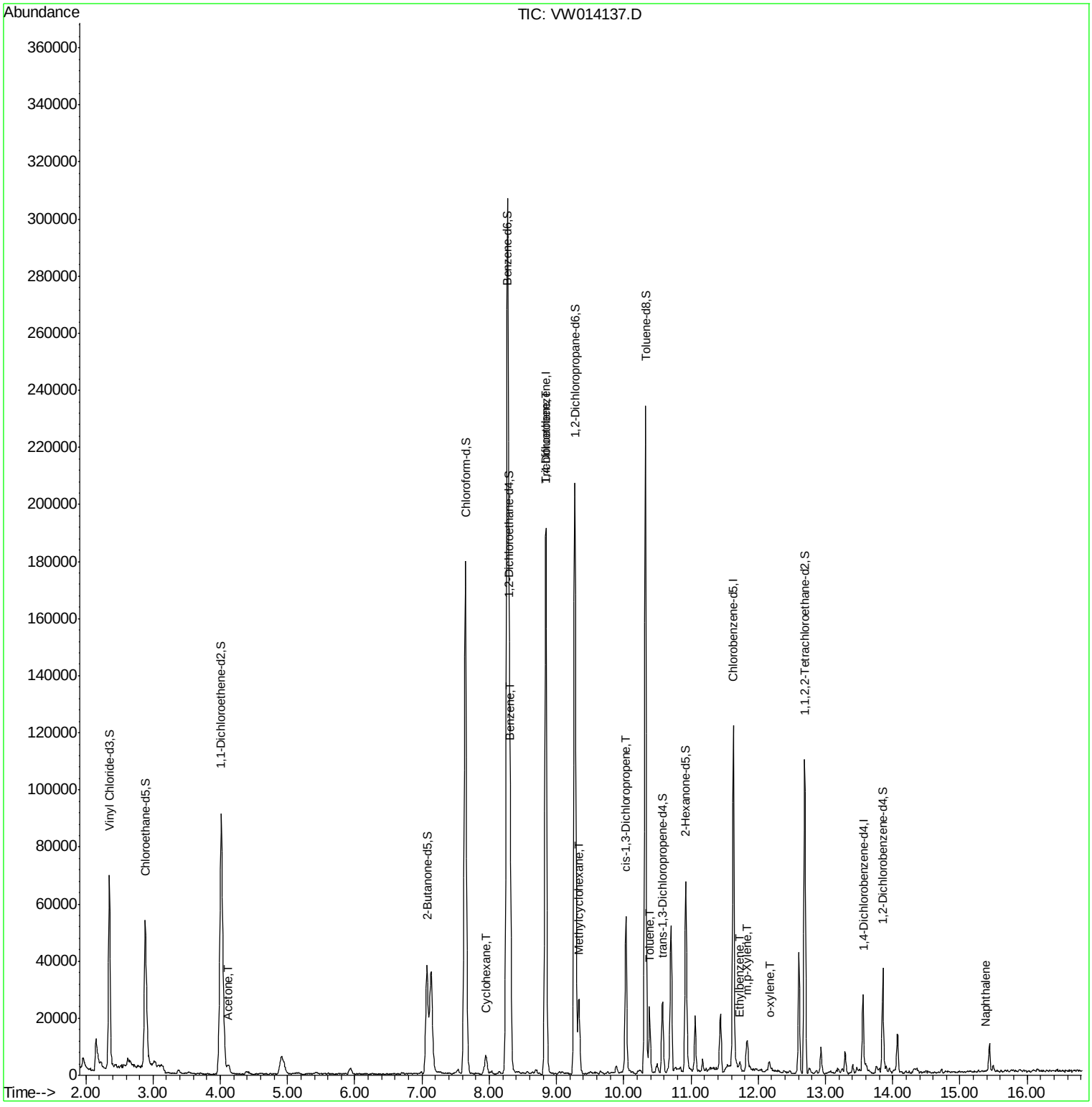
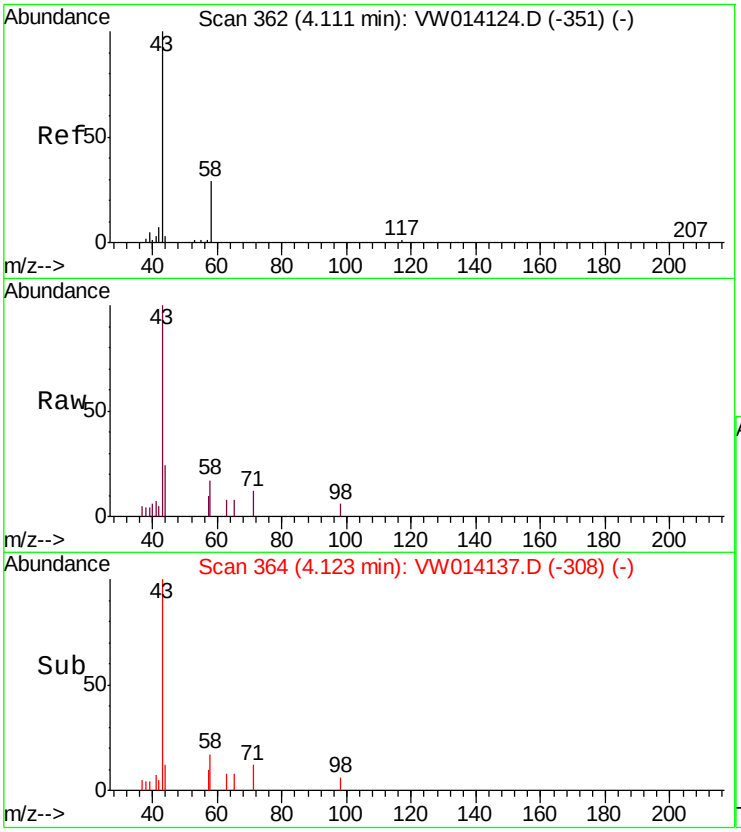
Instrument :
MSVOA_W
ClientSampleId :
C0BM8

Quant Time: Nov 27 07:08:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration



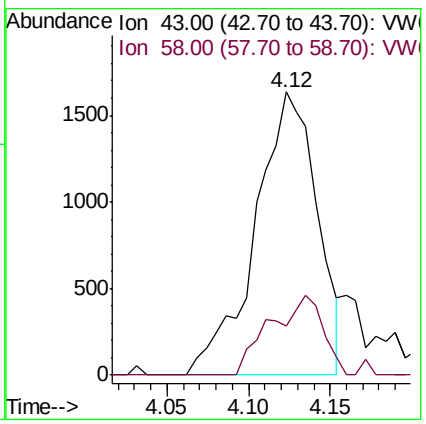


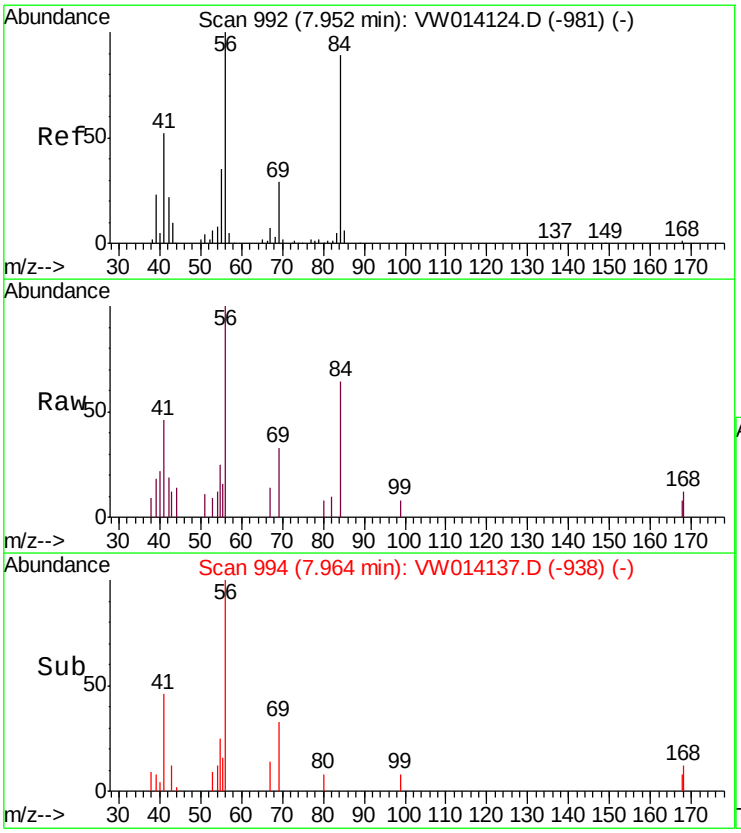
#13
Acetone
Concen: 5.496 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014137.D
Acq: 26 Nov 2019 16:16

Instrument : MSVOA_W
ClientSampleId : C0BM8

Tgt Ion: 43 Resp: 4339

Ion	Ratio	Lower	Upper
43	100		
58	13.2	0.0	65.4

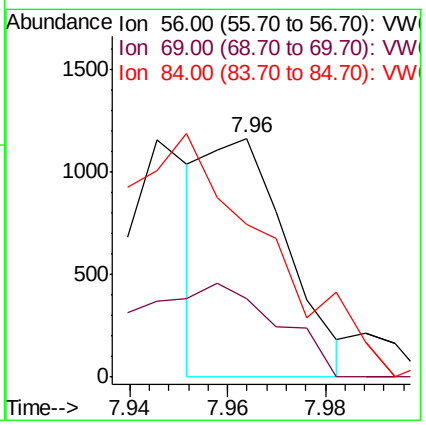


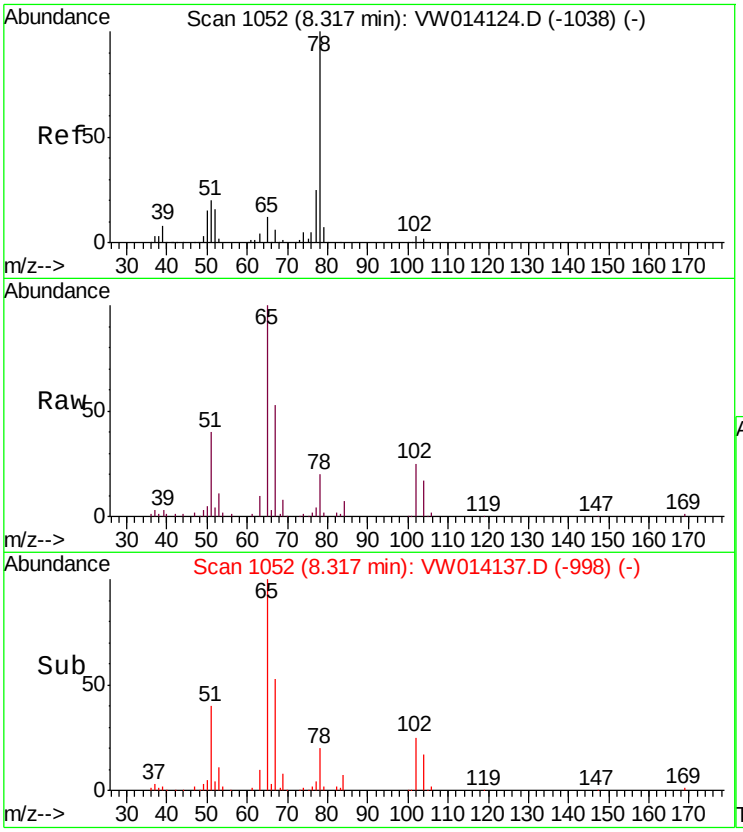


#30
Cyclohexane
Concen: 0.601 ug/L
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW014137.D
Acq: 26 Nov 2019 16:16

Tgt Ion: 56 Resp: 1334

Ion	Ratio	Lower	Upper
56	100		
69	65.8	24.6	37.0#
84	207.4	70.2	105.2#

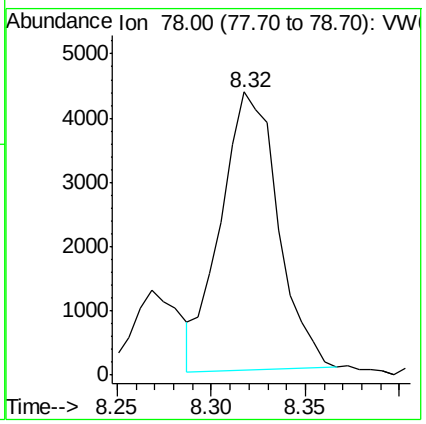


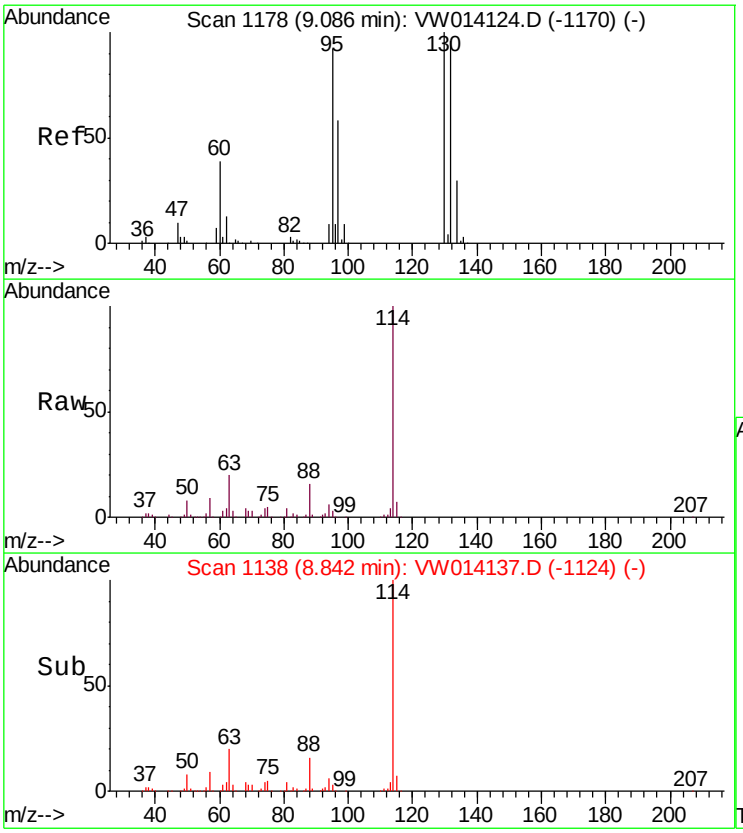


#34
Benzene
Concen: 1.794 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014137.D
Acq: 26 Nov 2019 16:16

Instrument :
MSVOA_W
ClientSampleId :
C0BM8

Tgt Ion: 78 Resp: 9136

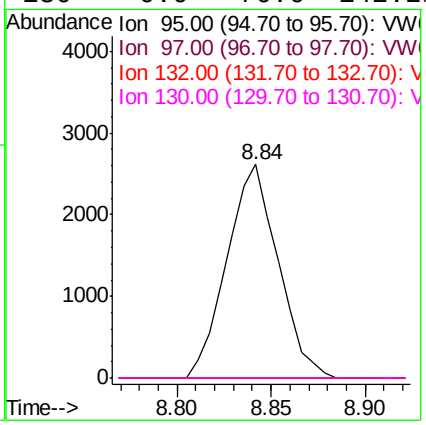


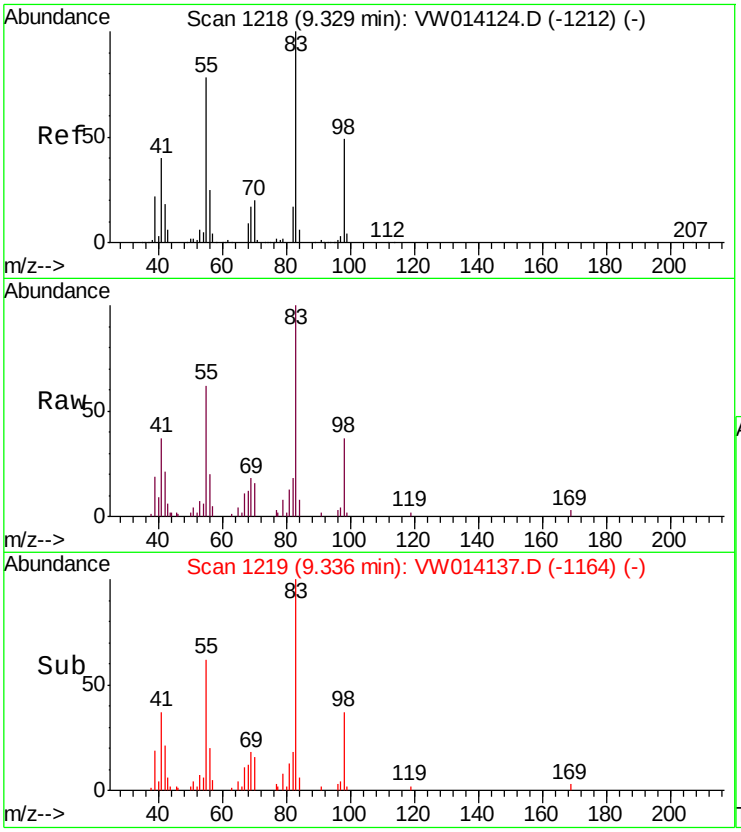


#35
Trichloroethene
Concen: 3.628 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.24 min
Lab File: VW014137.D
Acq: 26 Nov 2019 16:16

Tgt Ion: 95 Resp: 4928

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.1	83.9#
132	0.0	73.7	136.9#
130	0.0	76.6	142.2#



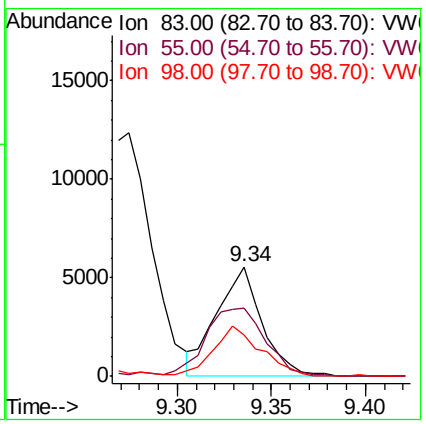


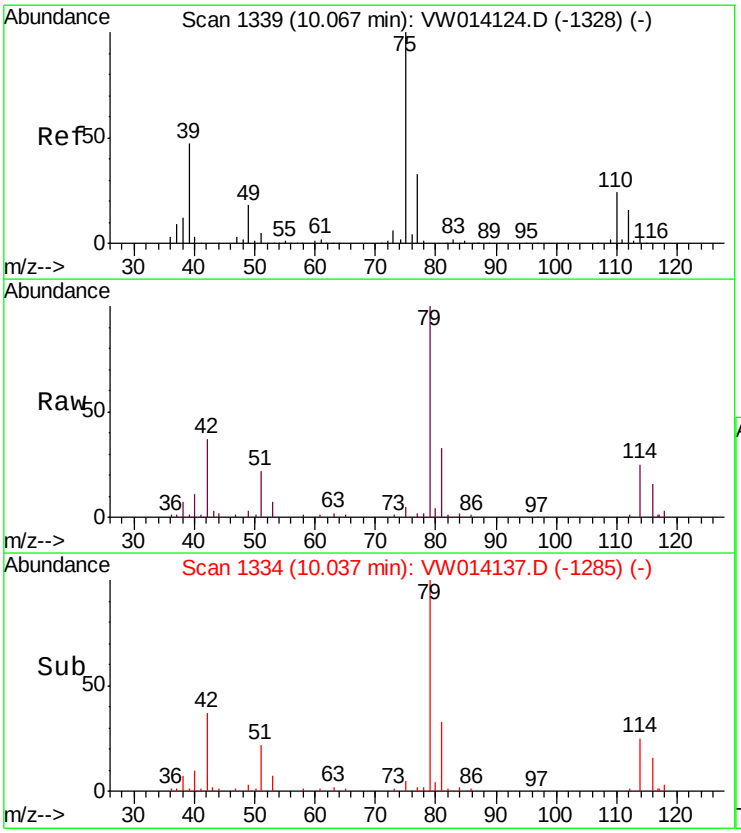
#36
Methylcyclohexane
Concen: 3.825 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW014137.D
Acq: 26 Nov 2019 16:16

Instrument :
MSVOA_W
ClientSampleId :
C0BM8

Tgt Ion: 83 Resp: 9316

Ion	Ratio	Lower	Upper
83	100		
55	81.8	59.8	89.8
98	47.5	39.5	59.3

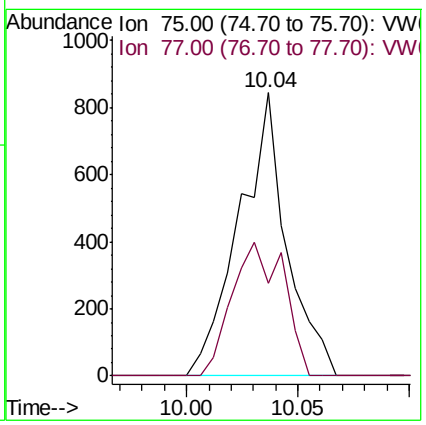


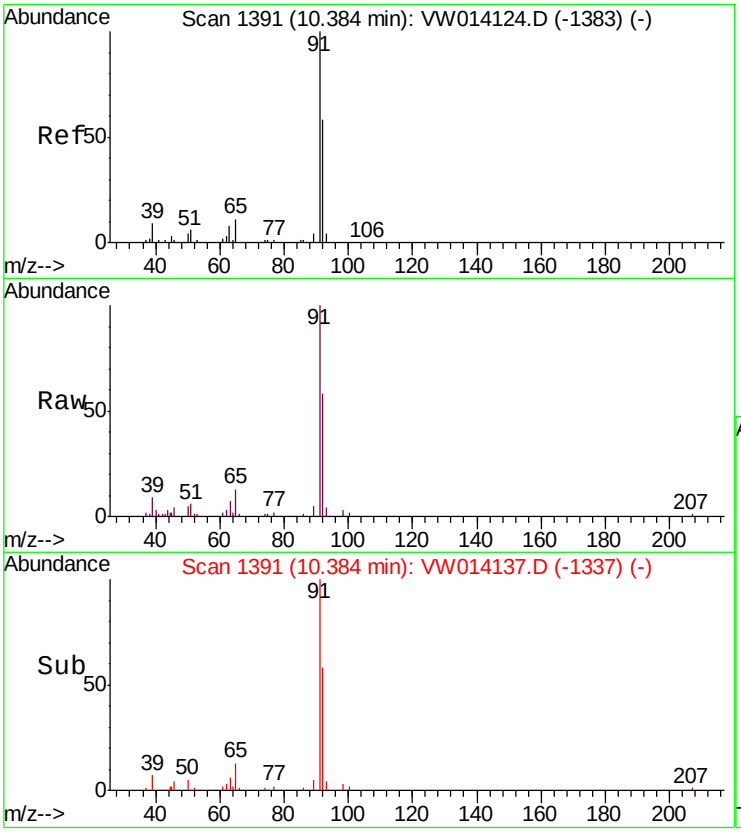


#42
cis-1,3-Dichloropropene
Concen: 0.650 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.03 min
Lab File: VW014137.D
Acq: 26 Nov 2019 16:16

Tgt Ion: 75 Resp: 1257

Ion	Ratio	Lower	Upper
75	100		
77	33.0	22.1	41.1



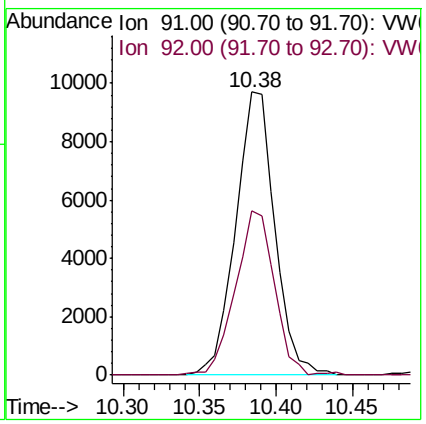


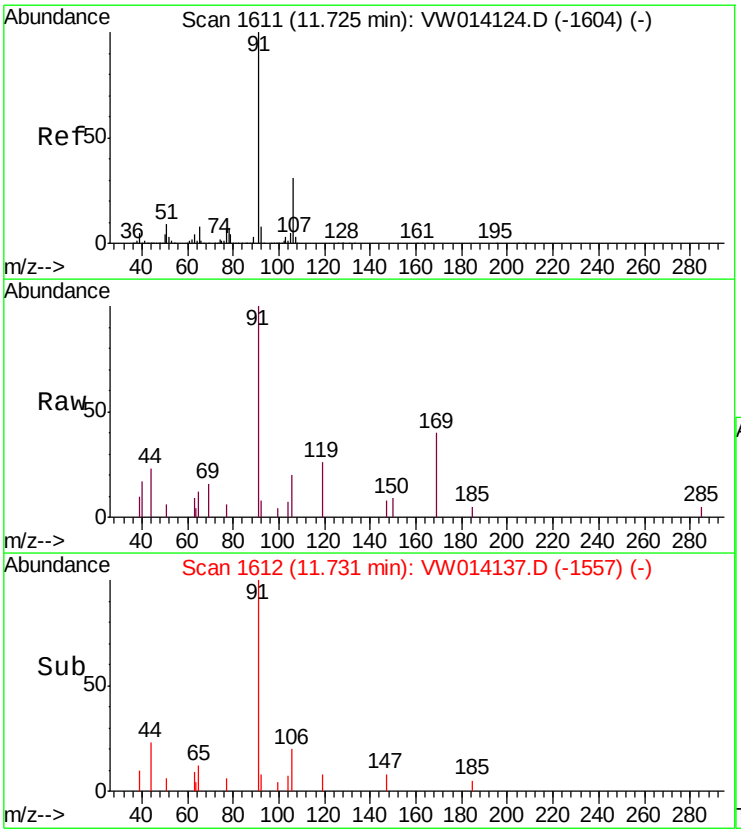
#44
Toluene
Concen: 3.107 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014137.D
Acq: 26 Nov 2019 16:16

Instrument : MSVOA_W
ClientSampleId : C0BM8

Tgt Ion: 91 Resp: 17247

Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.7	75.7

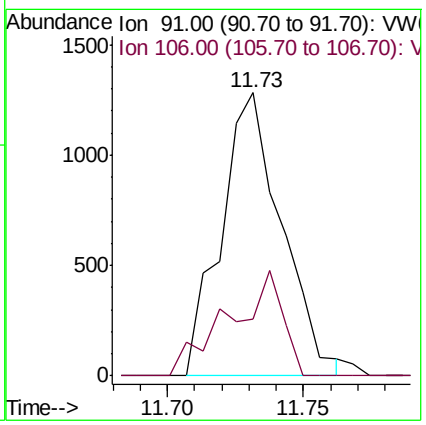


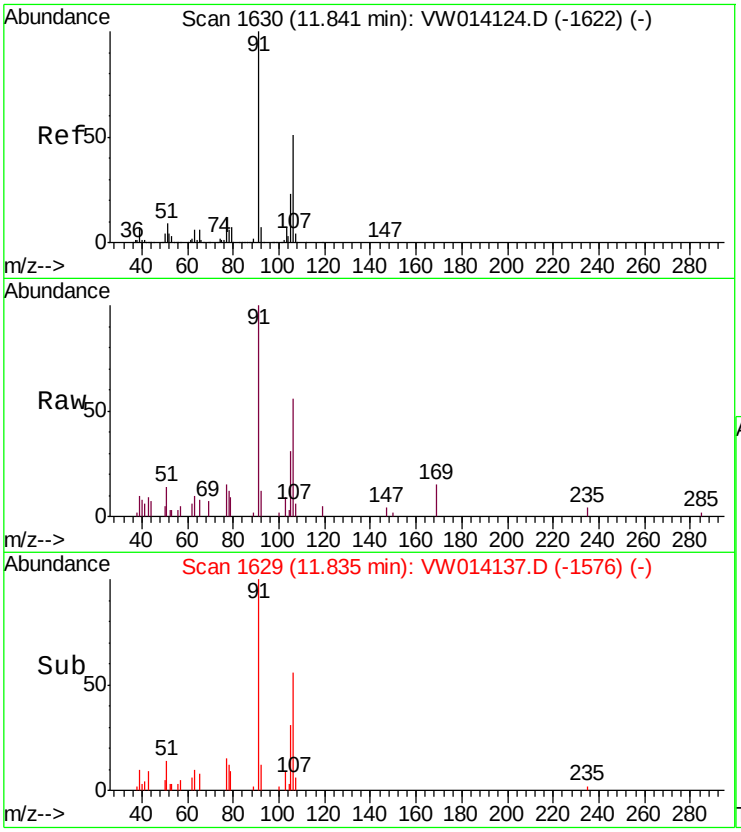


#53
Ethylbenzene
Concen: 0.326 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW014137.D
Acq: 26 Nov 2019 16:16

Tgt Ion: 91 Resp: 1983

Ion	Ratio	Lower	Upper
91	100		
106	20.1	22.3	41.5#



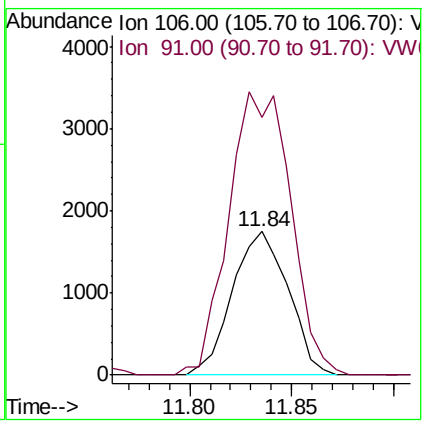


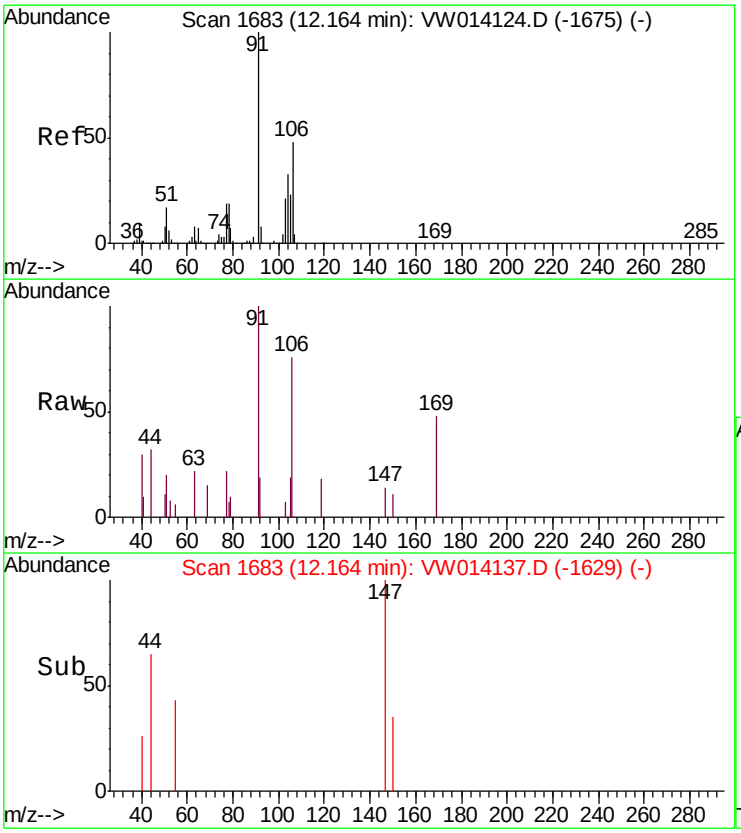
#54
m,p-Xylene
Concen: 1.407 ug/L
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW014137.D
Acq: 26 Nov 2019 16:16

Instrument : MSVOA_W
ClientSampleId : C0BM8

Tgt Ion:106 Resp: 3331

Ion	Ratio	Lower	Upper
106	100		
91	179.2	138.7	257.5

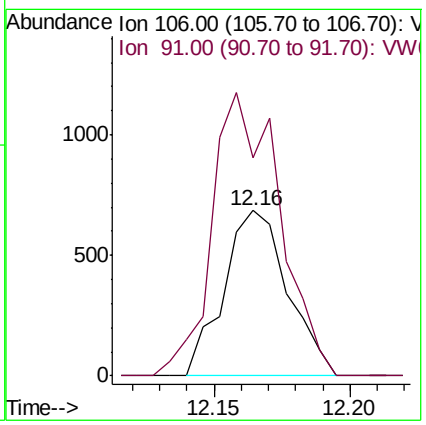


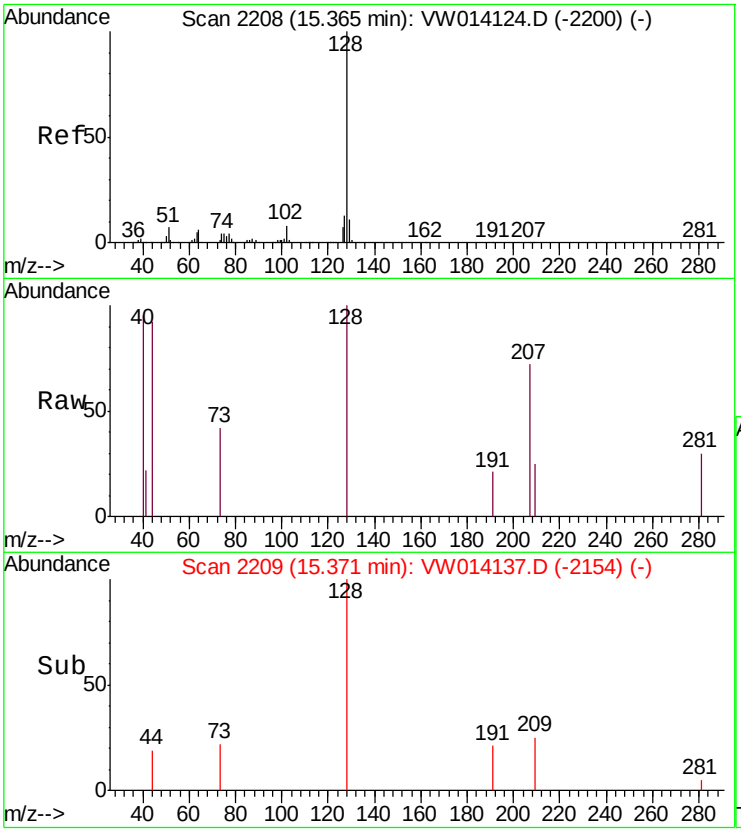


#55
o-xylene
Concen: 0.505 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014137.D
Acq: 26 Nov 2019 16:16

Tgt Ion:106 Resp: 1119

Ion	Ratio	Lower	Upper
106	100		
91	131.4	148.3	275.5#





#69
Naphthalene
Concen: 0.576 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW014137.D
Acq: 26 Nov 2019 16:16

Instrument :
MSVOA_W
ClientSampleId :
C0BM8

Tgt Ion:128 Resp: 338

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	0.0	10.4	15.6#