Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072820\
Data File : VW015983.D
Acq On : 28 Jul 2020 14:53
Operator : SY/VA
Sample : L3458-15
Misc : 6.06G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Jul 29 04:40:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 29 04:38:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	549297	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	497312	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221391	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	134732	17.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.52%			
7) Chloroethane-d5	2.89	69	108944	17.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.24%			
10) 1,1-Dichloroethene-d2	4.01	63	207299	13.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 52.92%			
20) 2-Butanone-d5	7.09	46	72119	35.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.84%			
24) Chloroform-d	7.65	84	275394	17.85	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 71.40%			
26) 1,2-Dichloroethane-d4	8.31	65	151331	17.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 71.48%			
29) Benzene-d6	8.28	84	567821	18.76	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 75.04%			
33) 1,2-Dichloropropane-d6	9.27	67	175797	19.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 77.48%			
37) Toluene-d8	10.33	98	501020	18.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 73.08%			
38) trans-1,3-Dichloropropene-	10.58	79	69315	17.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 71.68%			
39) 2-Hexanone-d5	10.93	63	60285	39.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.80%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135074	19.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 77.44%			
61) 1,2-Dichlorobenzene-d4	13.86	152	165179	19.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 76.52%			
Target Compounds						Qvalue
13) Acetone	4.15	43	7965	4.658	ug/L	74
22) cis-1,2-Dichloroethene	7.18	96	55651	7.134	ug/L	94
34) Benzene	8.32	78	11164	0.370	ug/L	100
35) Trichloroethene	9.10	95	978738	122.494	ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	4280	0.376	ug/L #	58
44) Toluene	10.39	91	28966	0.914	ug/L	97
49) 2-Hexanone	10.93	43	8482	2.737	ug/L #	66
53) Ethylbenzene	11.73	91	17712	0.497	ug/L	99
54) m,p-Xylene	11.83	106	5501	0.413	ug/L	96

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

Quantitation Report (Not Reviewed)

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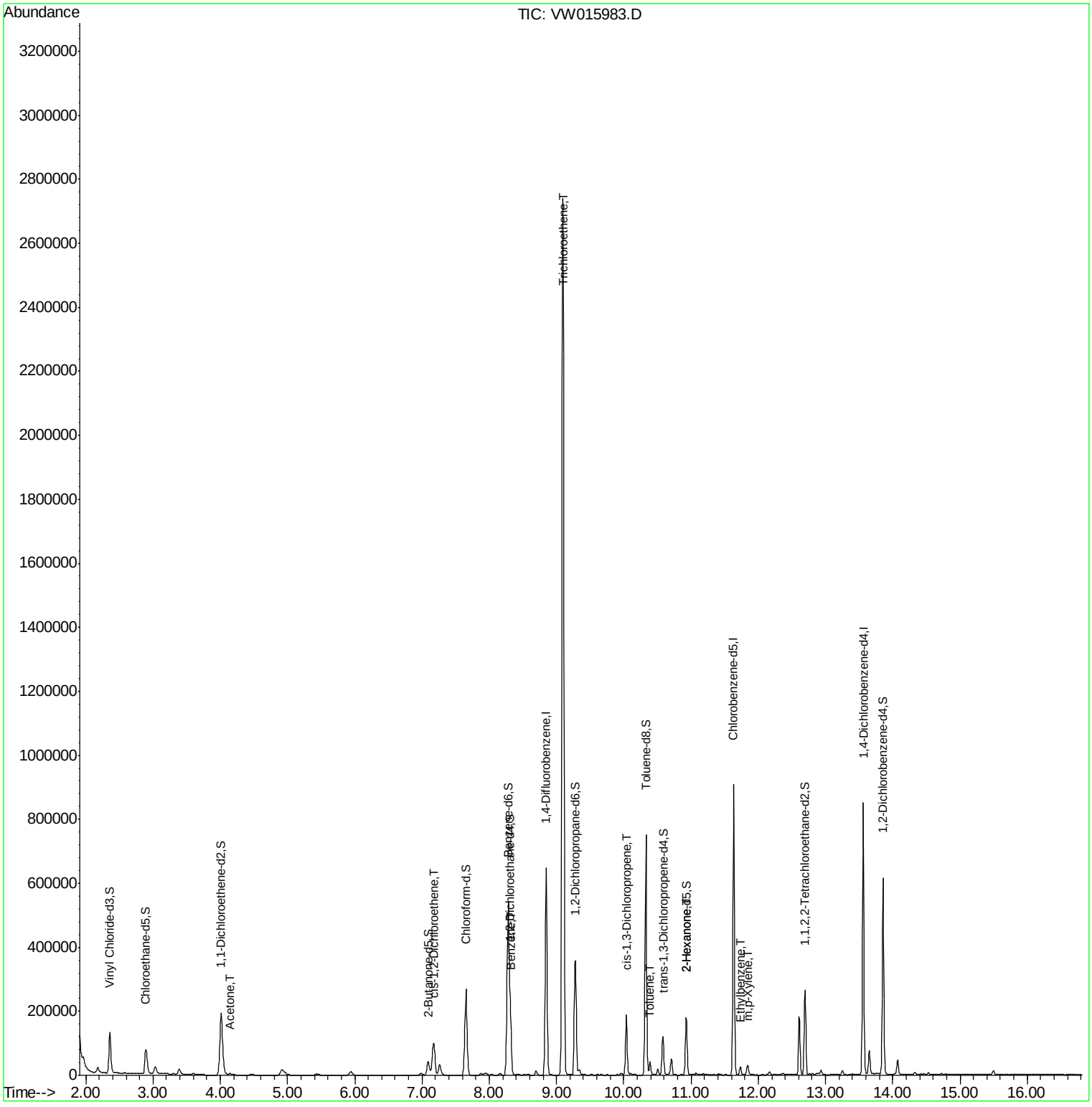
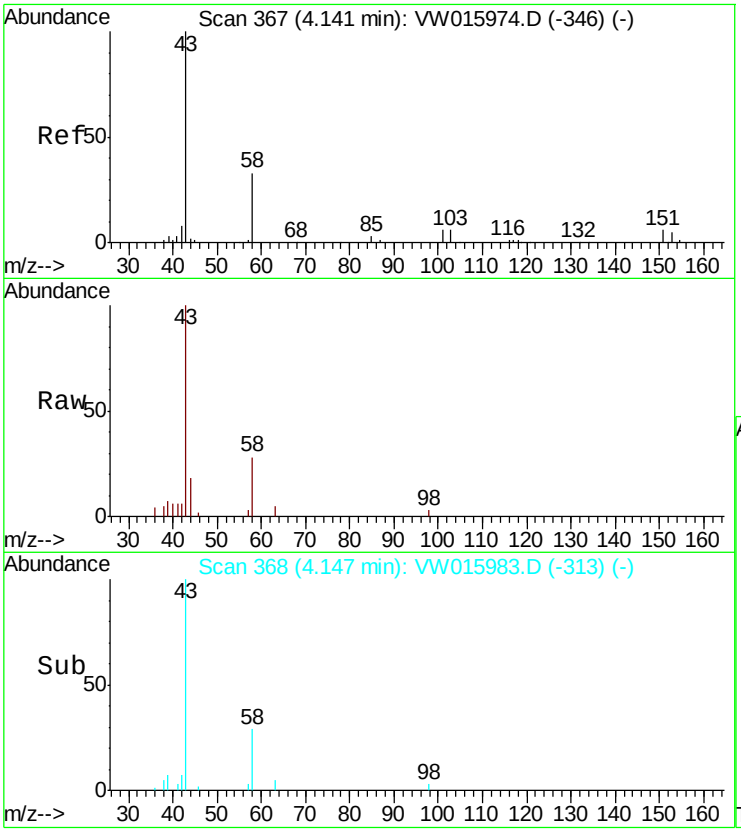
Acq On : 28 Jul 2020 14:53
Operator : SY/VA
Sample : L3458-15
Misc : 6.06G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 29 04:40:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 29 04:38:00 2020
Response via : Initial Calibration



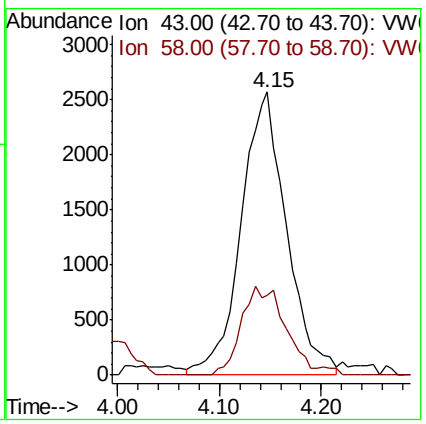


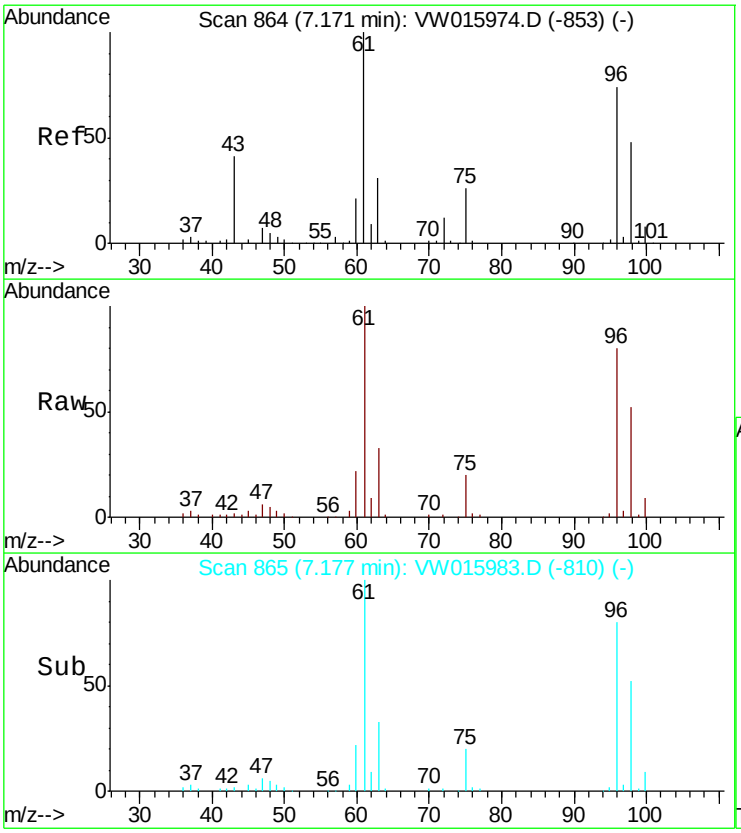
#13
Acetone
Concen: 4.658 ug/L
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: VW015983.D
Acq: 28 Jul 2020 14:53

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 7965

Ion	Ratio	Lower	Upper
43	100		
58	15.1	0.0	58.2

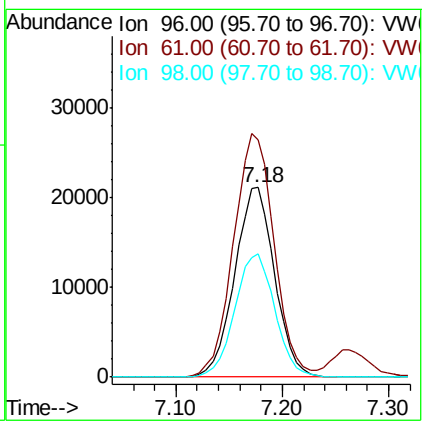


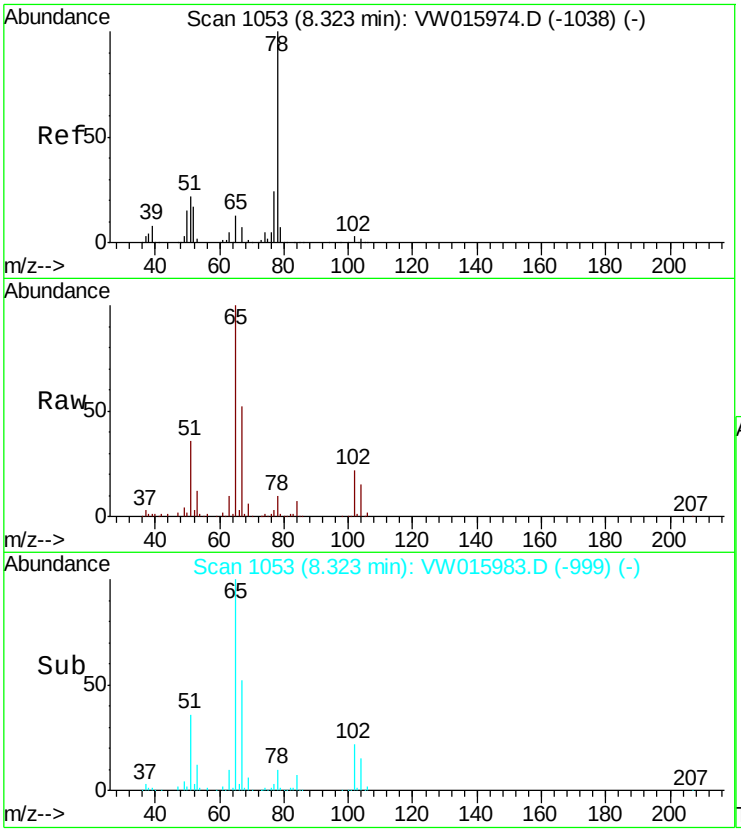


#22
cis-1,2-Dichloroethene
Concen: 7.134 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW015983.D
Acq: 28 Jul 2020 14:53

Tgt Ion: 96 Resp: 55651

Ion	Ratio	Lower	Upper
96	100		
61	125.2	94.6	175.8
98	65.2	44.3	82.3

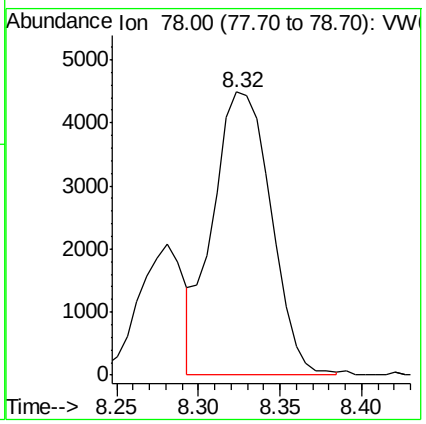


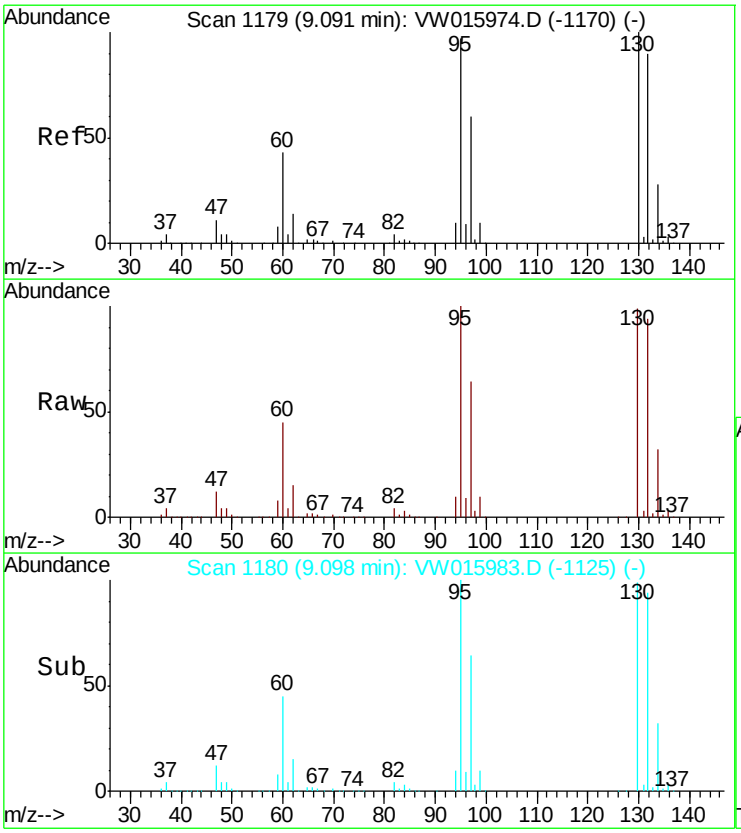


#34
Benzene
Concen: 0.370 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015983.D
Acq: 28 Jul 2020 14:53

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 78 Resp: 11164

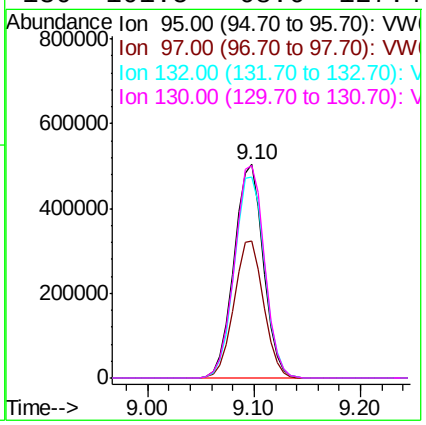


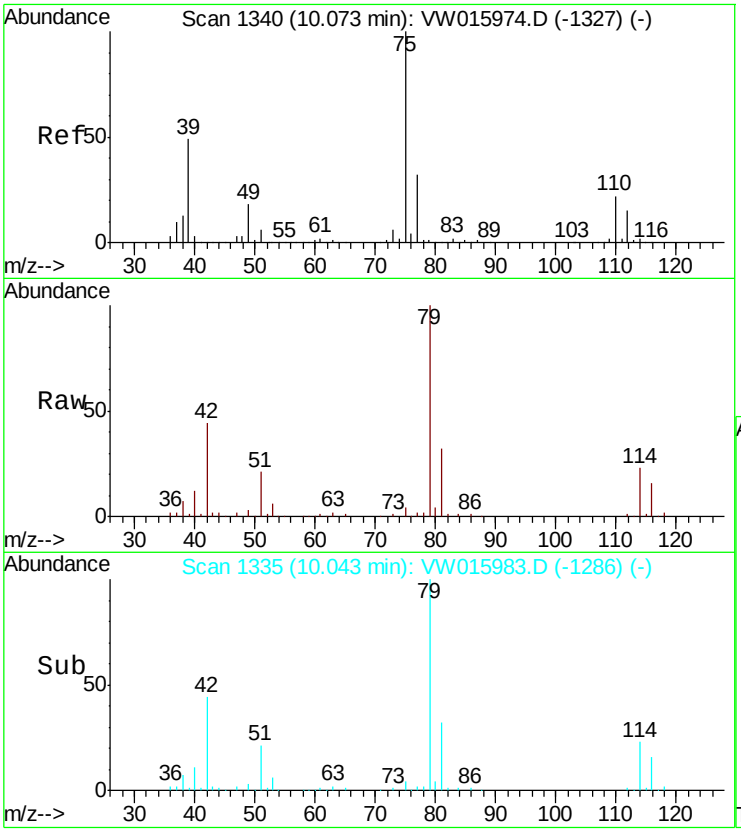


#35
Trichloroethene
Concen: 122.494 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW015983.D
Acq: 28 Jul 2020 14:53

Tgt Ion: 95 Resp: 978738

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.4	82.4
132	97.3	65.1	120.9
130	101.5	68.6	127.4



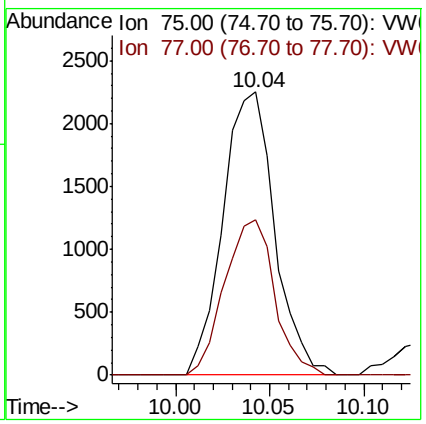


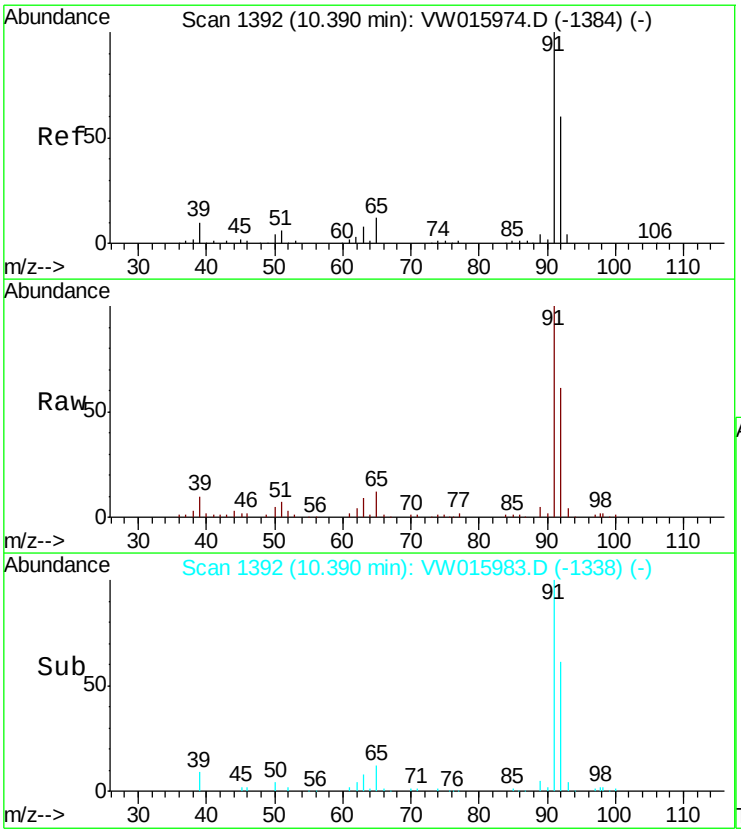
#42
cis-1,3-Dichloropropene
Concen: 0.376 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW015983.D
Acq: 28 Jul 2020 14:53

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 4280

Ion	Ratio	Lower	Upper
75	100		
77	54.9	22.2	41.2#

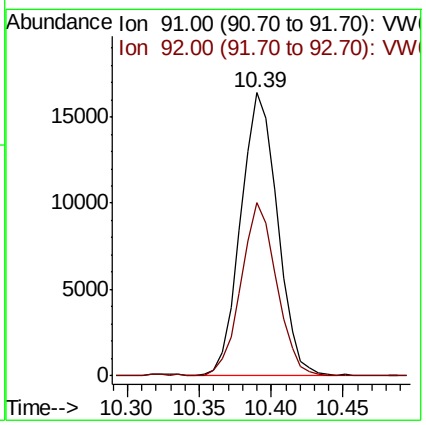


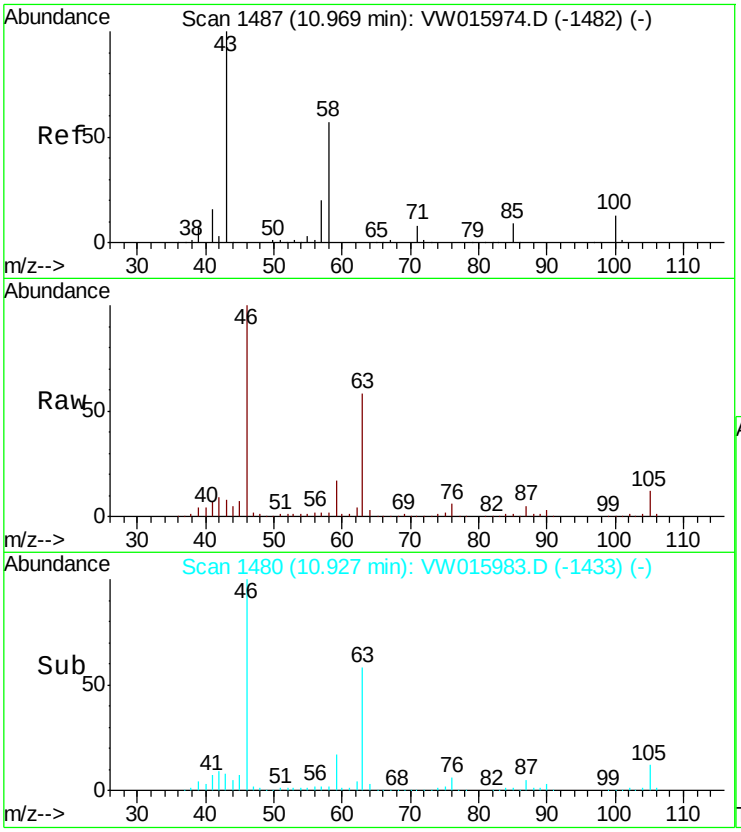


#44
Toluene
Concen: 0.914 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015983.D
Acq: 28 Jul 2020 14:53

Tgt Ion: 91 Resp: 28966

Ion	Ratio	Lower	Upper
91	100		
92	61.2	41.2	76.4



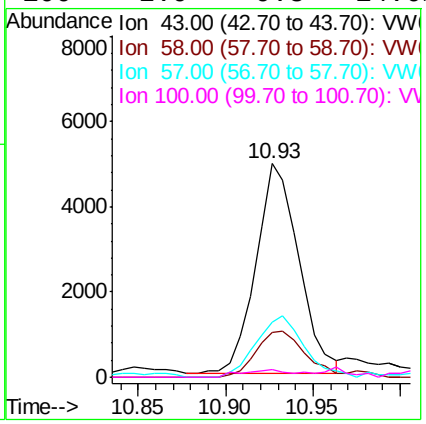


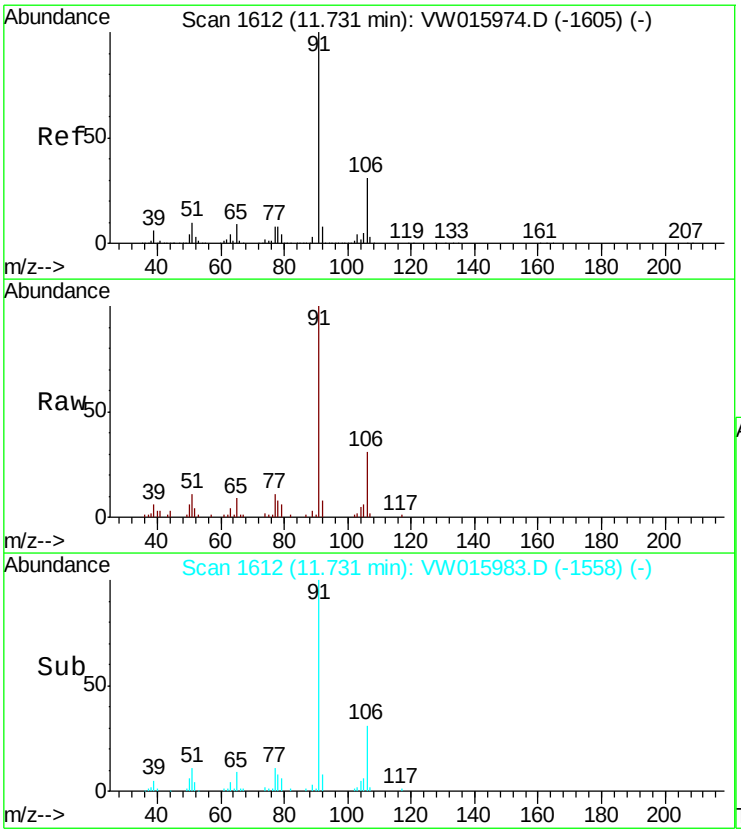
#49
2-Hexanone
Concen: 2.737 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW015983.D
Acq: 28 Jul 2020 14:53

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 8482

Ion	Ratio	Lower	Upper
43	100		
58	25.1	42.4	63.6#
57	32.1	15.6	23.4#
100	2.9	9.8	14.6#

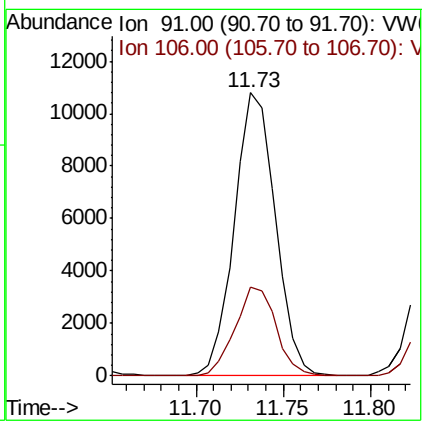


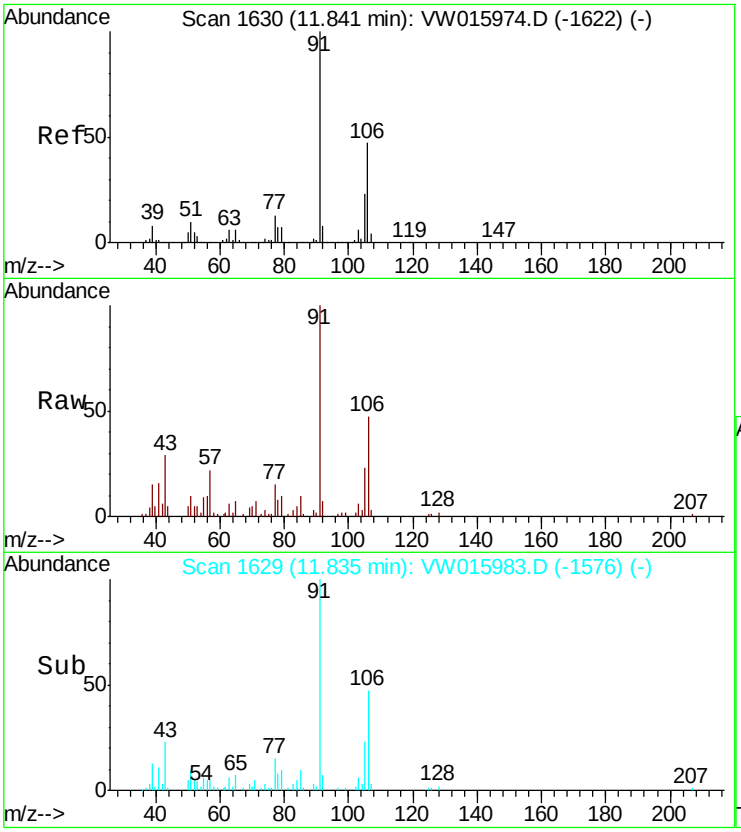


#53
Ethylbenzene
Concen: 0.497 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015983.D
Acq: 28 Jul 2020 14:53

Tgt Ion: 91 Resp: 17712

Ion	Ratio	Lower	Upper
91	100		
106	31.4	22.4	41.6





#54
m,p-Xylene
Concen: 0.413 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015983.D
Acq: 28 Jul 2020 14:53

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 5501

Ion	Ratio	Lower	Upper
106	100		
91	212.3	144.1	267.5