Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092520\
Data File : VW016641.D
Acq On : 24 Sep 2020 15:14
Operator : SY/VA
Sample : L4108-20
Misc : 4.80G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3L6

Quant Time: Sep 25 08:02:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 07:55:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	675310	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	572860	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	241465	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.37	65	143503	21.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.80%			
7) Chloroethane-d5	2.90	69	125145	23.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.80%			
10) 1,1-Dichloroethene-d2	4.03	63	227834	15.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.36%			
20) 2-Butanone-d5	7.09	46	57307	32.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.32%			
24) Chloroform-d	7.65	84	328056	23.22	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.88%			
26) 1,2-Dichloroethane-d4	8.31	65	161363	22.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.00%			
29) Benzene-d6	8.28	84	639516	24.89	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.56%			
33) 1,2-Dichloropropane-d6	9.28	67	172813	24.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.28%			
37) Toluene-d8	10.33	98	592893	23.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.84%			
38) trans-1,3-Dichloropropene-	10.58	79	69011	19.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 78.64%			
39) 2-Hexanone-d5	10.93	63	47403	37.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.86%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116028	19.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 78.36%			
61) 1,2-Dichlorobenzene-d4	13.85	152	186685	24.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
13) Acetone	4.15	43	4949	3.545	ug/L	77
14) Carbon disulfide	4.40	76	13449	0.521	ug/L #	89
16) Methylene chloride	4.92	84	11996	1.152	ug/L	96
35) Trichloroethene	8.85	95	19809	2.230	ug/L #	2
36) Methylcyclohexane	9.28	83	46369	3.077	ug/L #	21
40) 1,2-Dichloropropane	9.28	63	20910	2.928	ug/L #	83
42) cis-1,3-Dichloropropene	10.04	75	5752	0.472	ug/L #	73
45) trans-1,3-Dichloropropene	10.58	75	3285	0.310	ug/L #	75
59) 1,2,3-Trichloropropane	12.60	75	1159	0.231	ug/L	97

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

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ALS Vial : 7 Sample Multiplier: 1

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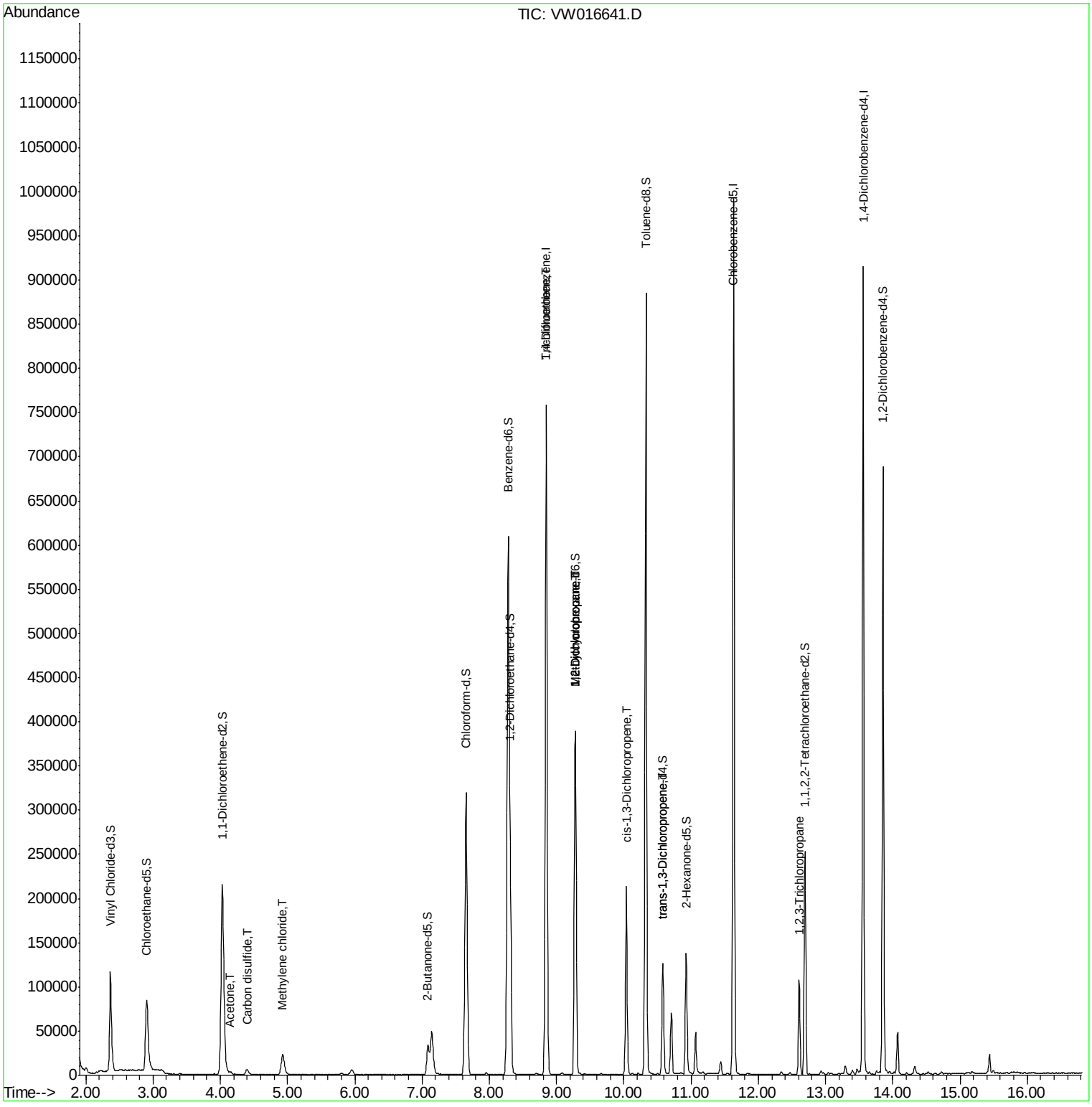
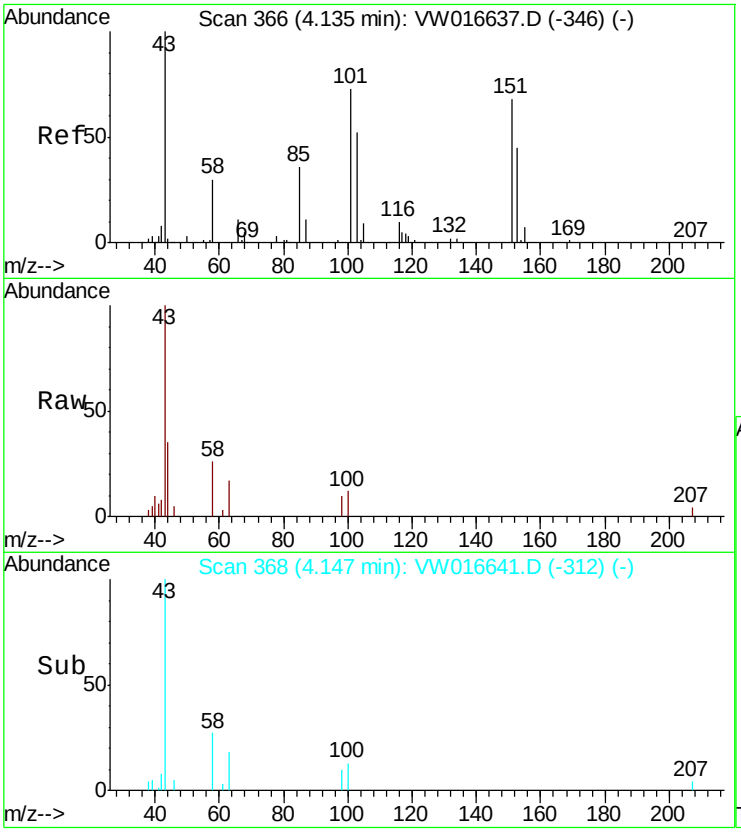
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 07:55:30 2020
Response via : Initial Calibration



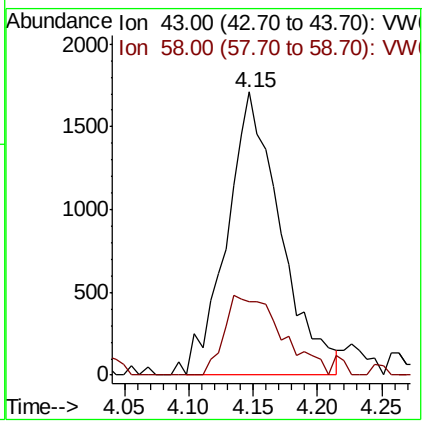


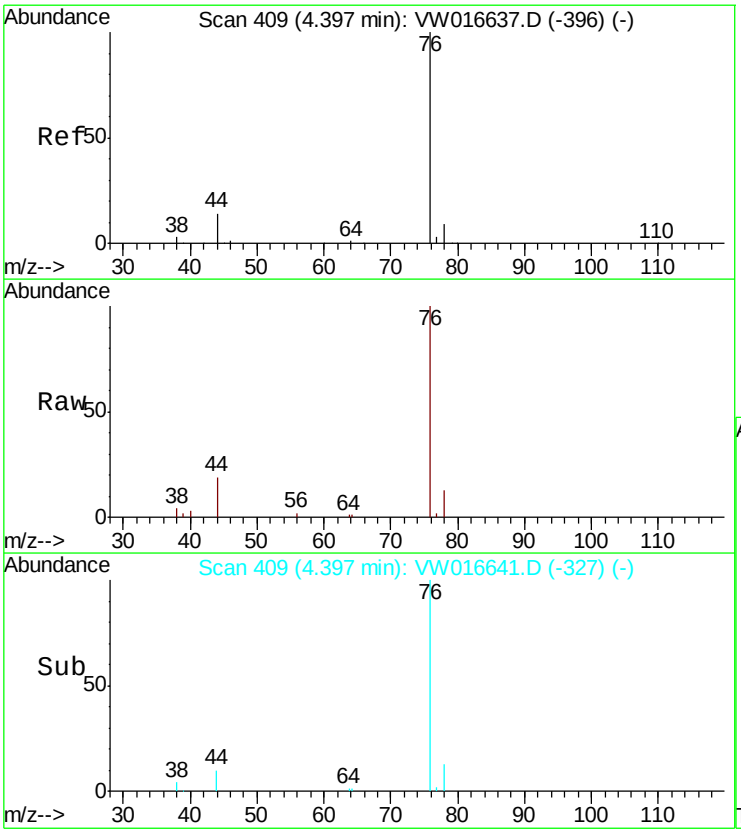
#13
Acetone
Concen: 3.545 ug/L
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: VW016641.D
Acq: 24 Sep 2020 15:14

Instrument : MSVOA_W
ClientSampleId : BG3L6

Tgt Ion: 43 Resp: 4949

Ion	Ratio	Lower	Upper
43	100		
58	17.4	0.0	60.2

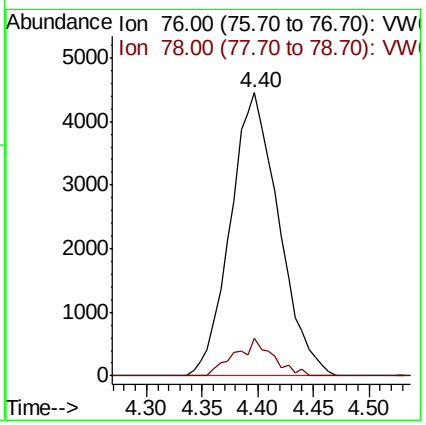


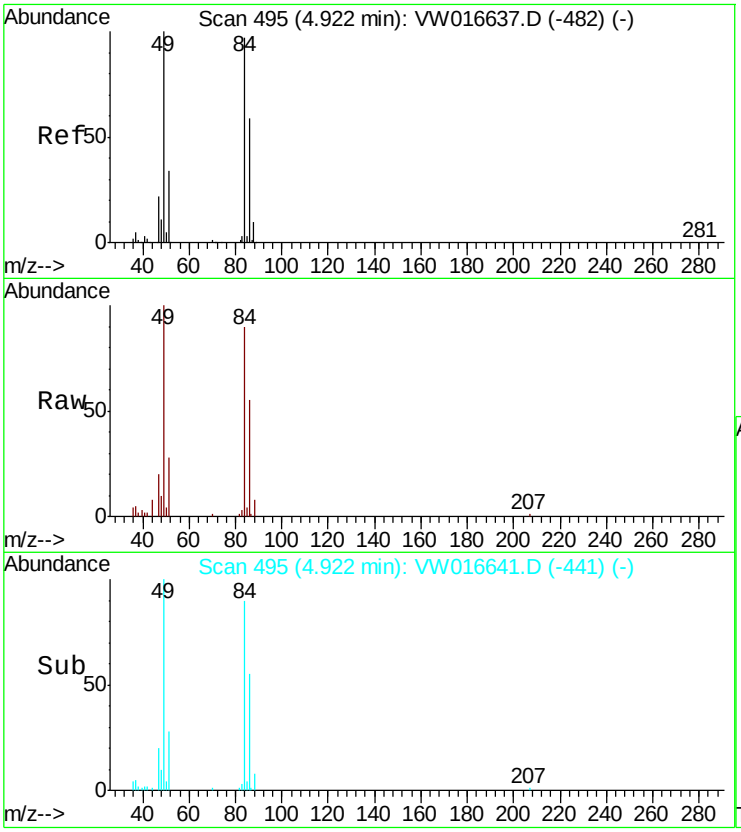


#14
Carbon disulfide
Concen: 0.521 ug/L
RT: 4.40 min Scan# 409
Delta R.T. -0.00 min
Lab File: VW016641.D
Acq: 24 Sep 2020 15:14

Tgt Ion: 76 Resp: 13449

Ion	Ratio	Lower	Upper
76	100		
78	13.3	7.3	10.9#



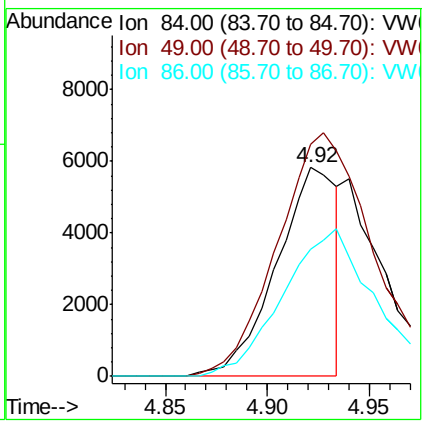


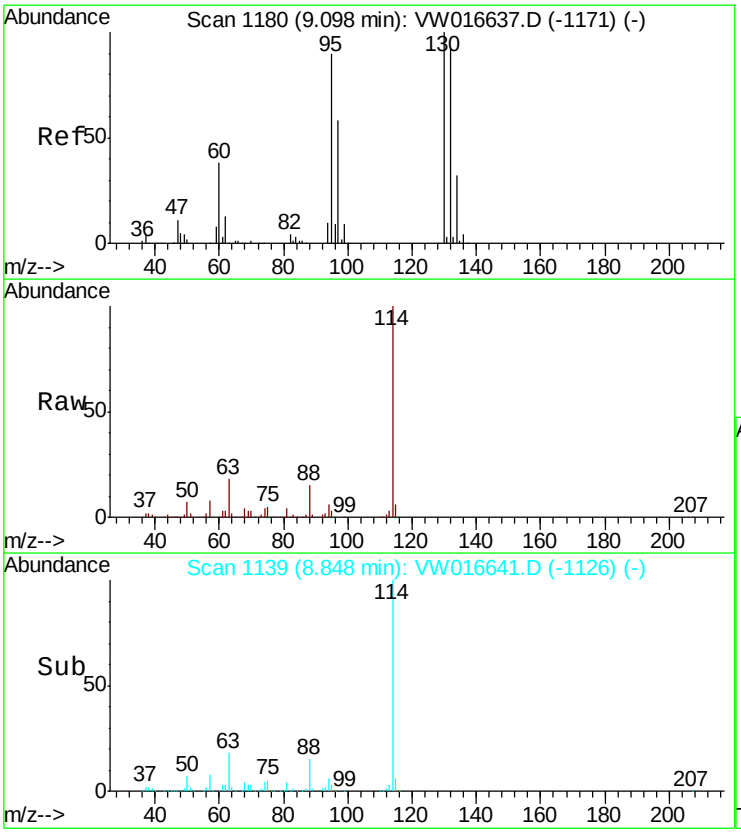
#16
Methylene chloride
Concen: 1.152 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW016641.D
Acq: 24 Sep 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
BG3L6

Tgt Ion: 84 Resp: 11996

Ion	Ratio	Lower	Upper
84	100		
49	111.4	76.0	141.2
86	61.0	45.6	84.6

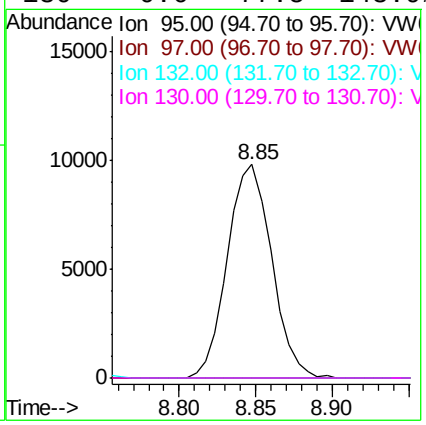


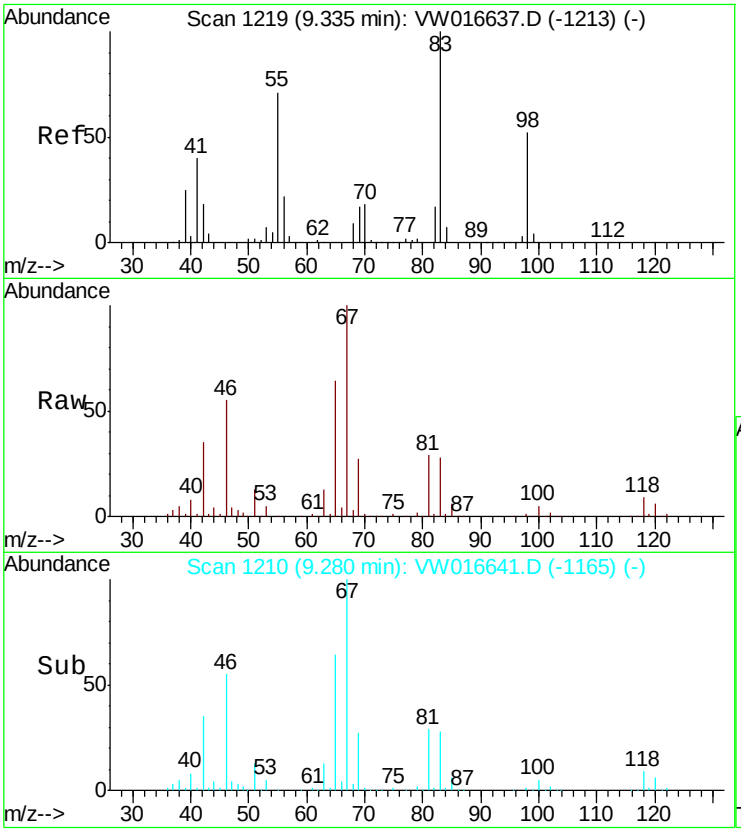


#35
Trichloroethene
Concen: 2.230 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW016641.D
Acq: 24 Sep 2020 15:14

Tgt Ion: 95 Resp: 19809

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.2	84.0#
132	0.3	73.3	136.1#
130	0.6	77.5	143.9#



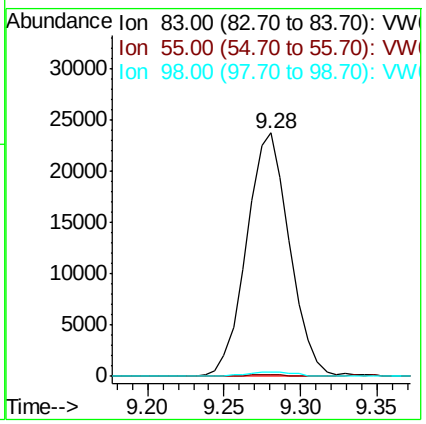


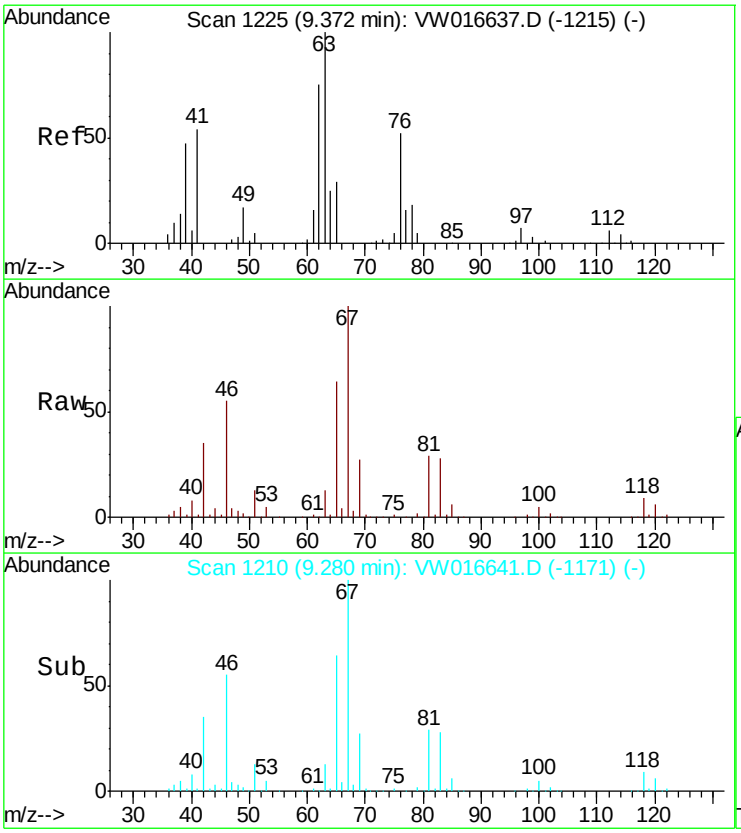
#36
Methylcyclohexane
Concen: 3.077 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016641.D
Acq: 24 Sep 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
BG3L6

Tgt Ion: 83 Resp: 46369

Ion	Ratio	Lower	Upper
83	100		
55	0.6	55.9	83.9#
98	2.0	42.1	63.1#

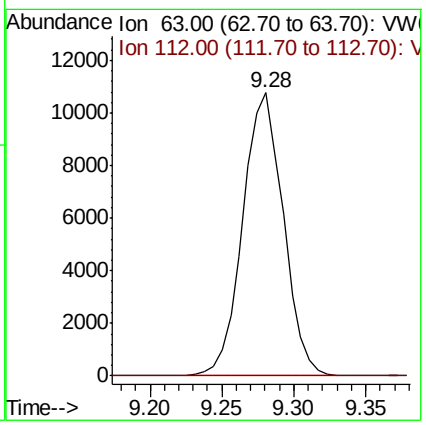


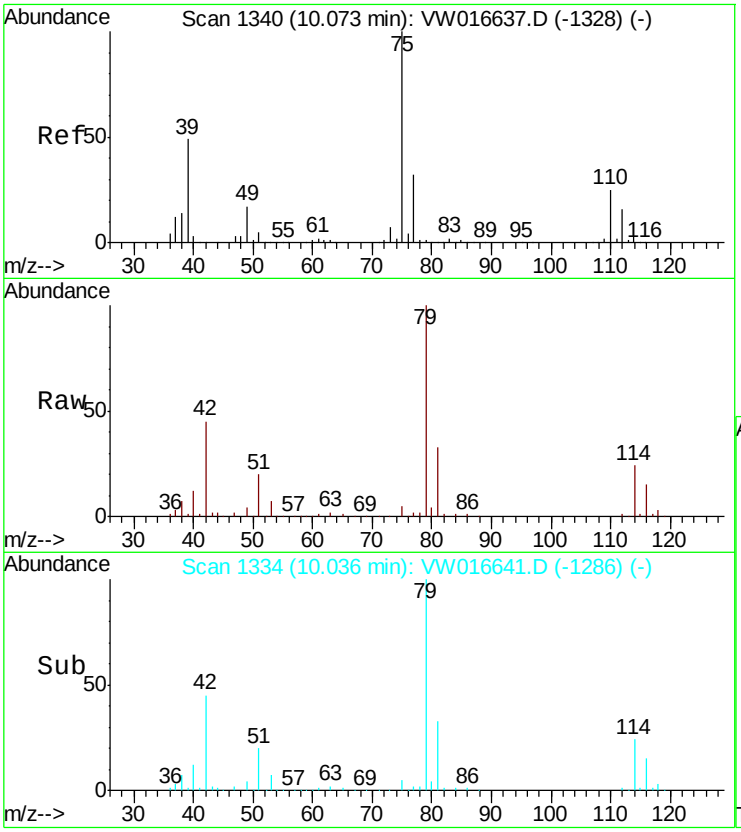


#40
1,2-Dichloropropane
Concen: 2.928 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW016641.D
Acq: 24 Sep 2020 15:14

Tgt Ion: 63 Resp: 20910

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.5	6.7#



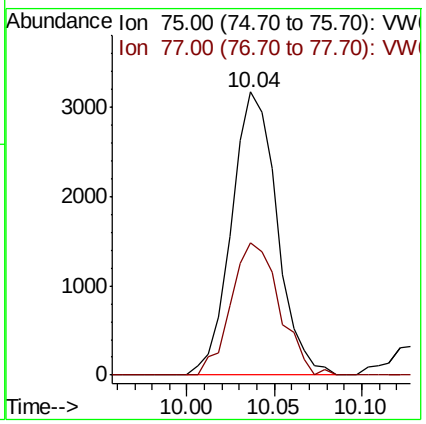


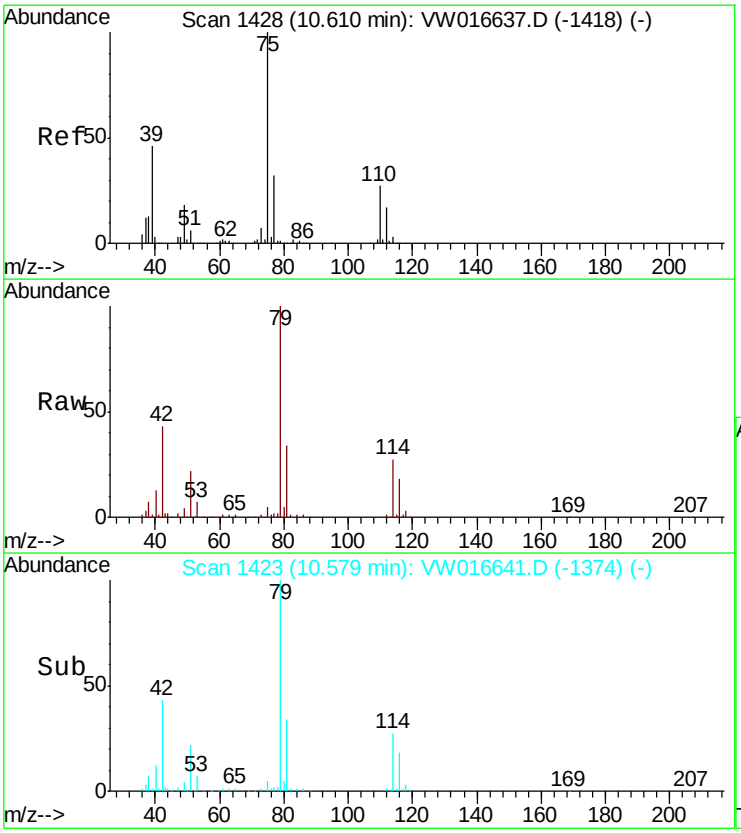
#42
cis-1,3-Dichloropropene
Concen: 0.472 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016641.D
Acq: 24 Sep 2020 15:14

Instrument : MSVOA_W
ClientSampleId : BG3L6

Tgt Ion: 75 Resp: 5752

Ion	Ratio	Lower	Upper
75	100		
77	46.6	22.2	41.2#

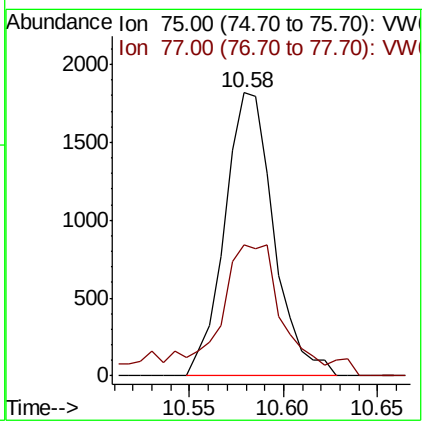


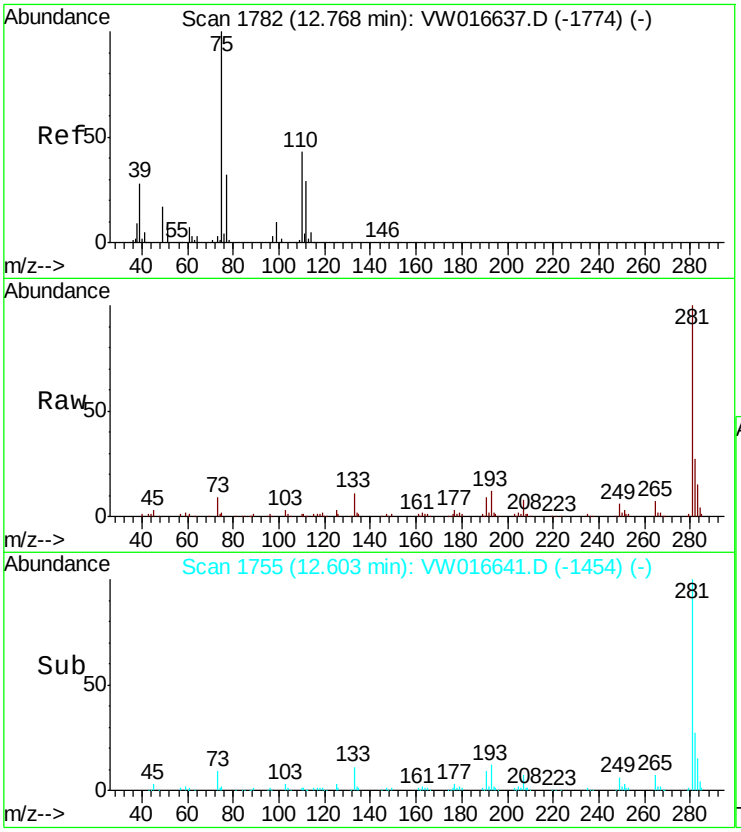


#45
trans-1,3-Dichloropropene
Concen: 0.310 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW016641.D
Acq: 24 Sep 2020 15:14

Tgt Ion: 75 Resp: 3285

Ion	Ratio	Lower	Upper
75	100		
77	46.1	22.5	41.9#





#59
1,2,3-Trichloropropane
Concen: 0.231 ug/L
RT: 12.60 min Scan# 1755
Delta R.T. -0.16 min
Lab File: VW016641.D
Acq: 24 Sep 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
BG3L6

Tgt Ion: 75 Resp: 1159

Ion	Ratio	Lower	Upper
75	100		
77	34.4	26.2	39.4