Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100220\
Data File : VW016766.D
Acq On : 02 Oct 2020 16:32
Operator : SY/VA
Sample : L4235-10
Misc : 5.70G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Oct 03 04:57:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 03 04:48:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	600182	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	503850	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	201242	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.37	65	100640	17.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.28%			
7) Chloroethane-d5	2.91	69	101555	21.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.64%			
10) 1,1-Dichloroethene-d2	4.03	63	173740	13.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 53.52%			
20) 2-Butanone-d5	7.09	46	69068	43.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.22%			
24) Chloroform-d	7.65	84	310614	24.74	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.96%			
26) 1,2-Dichloroethane-d4	8.31	65	154997	24.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.20%			
29) Benzene-d6	8.28	84	578385	25.60	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.40%			
33) 1,2-Dichloropropane-d6	9.28	67	171865	28.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.28%			
37) Toluene-d8	10.33	98	519805	23.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.52%			
38) trans-1,3-Dichloropropene-	10.58	79	61855	20.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.16%			
39) 2-Hexanone-d5	10.93	63	50143	45.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.04%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135810	26.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.24%			
61) 1,2-Dichlorobenzene-d4	13.86	152	168513	26.21	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.84%			
Target Compounds						Qvalue
13) Acetone	4.15	43	923	0.744	ug/L	85
16) Methylene chloride	4.93	84	9409	1.016	ug/L	96
35) Trichloroethene	8.85	95	16994	2.175	ug/L #	2
36) Methylcyclohexane	9.28	83	44811	3.381	ug/L #	21
45) trans-1,3-Dichloropropene	10.59	75	2649	0.284	ug/L #	80
49) 2-Hexanone	10.93	43	8045	3.177	ug/L #	74
59) 1,2,3-Trichloropropane	13.56	75	20197	4.583	ug/L	91

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

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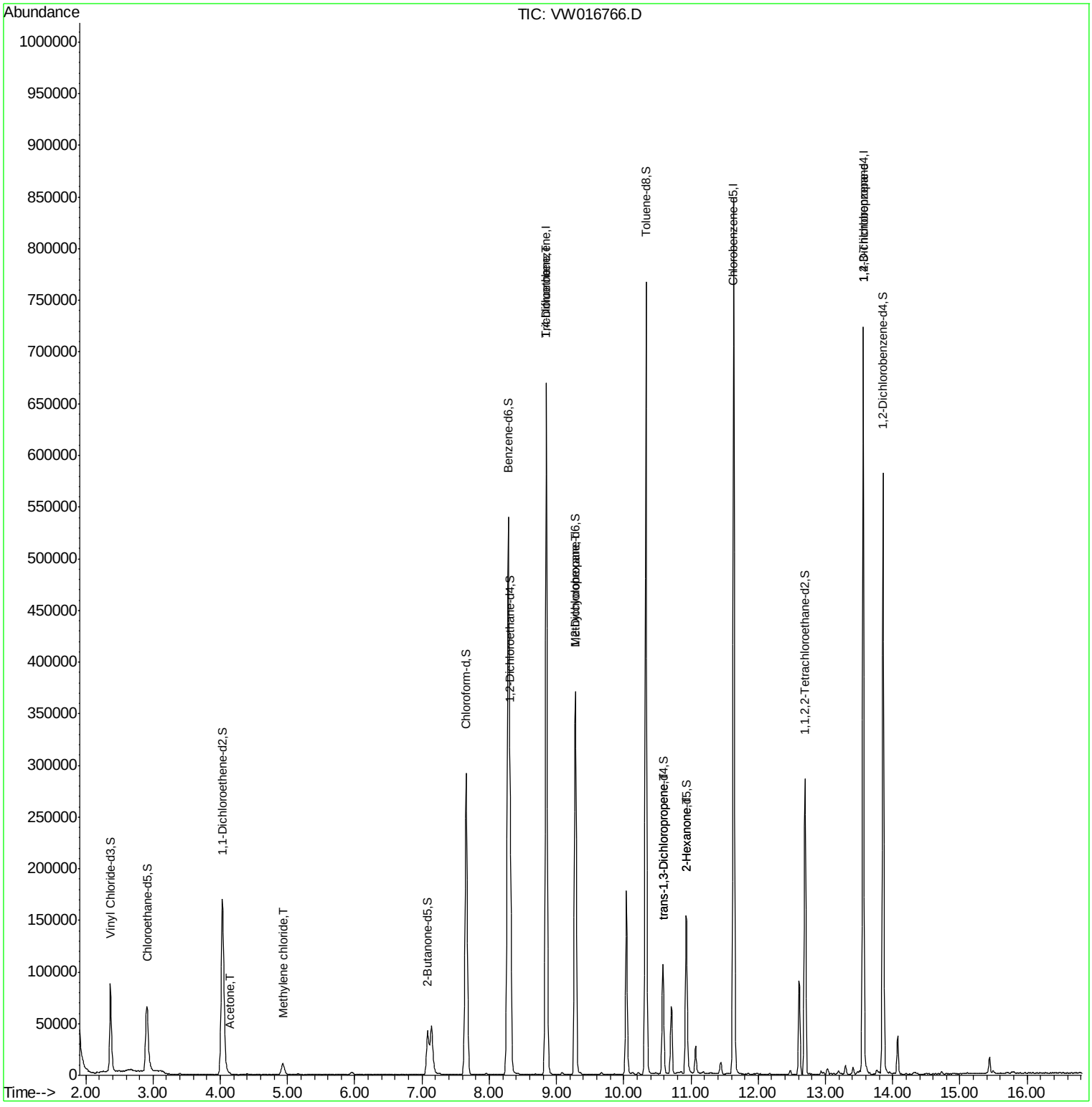
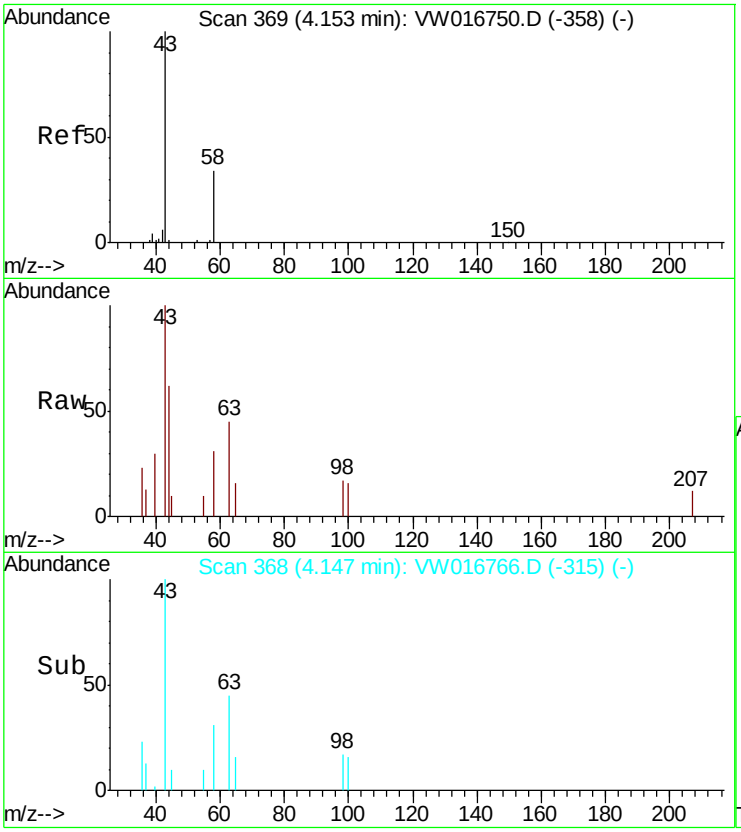


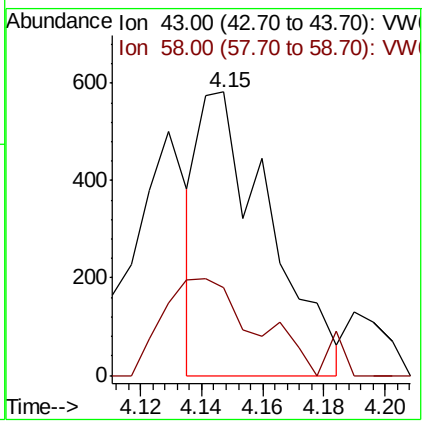


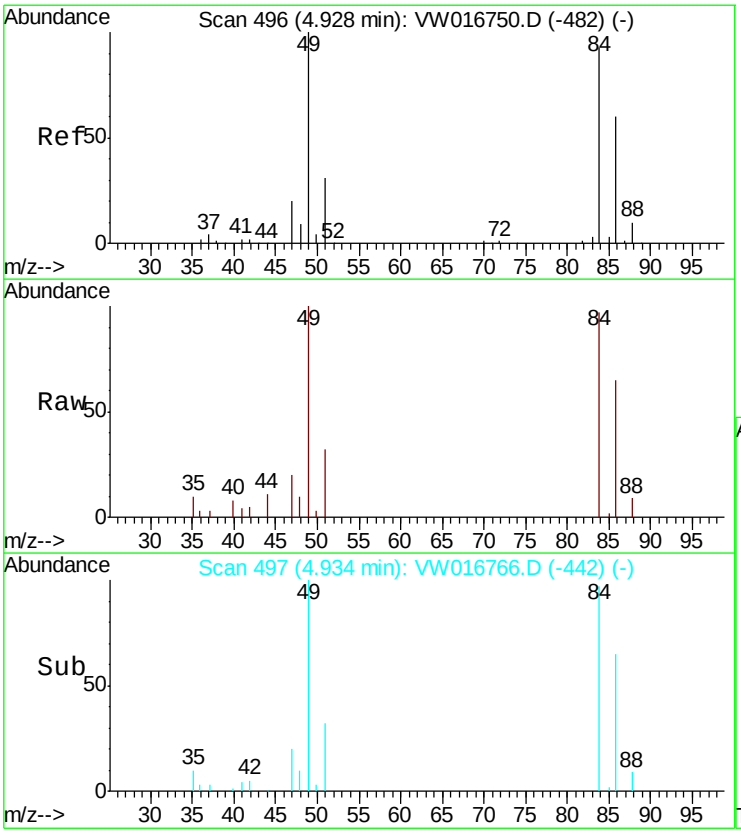
#13
Acetone
Concen: 0.744 ug/L
RT: 4.15 min Scan# 368
Delta R.T. -0.01 min
Lab File: VW016766.D
Acq: 02 Oct 2020 16:32

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 923

Ion	Ratio	Lower	Upper
43	100		
58	38.4	0.0	60.2

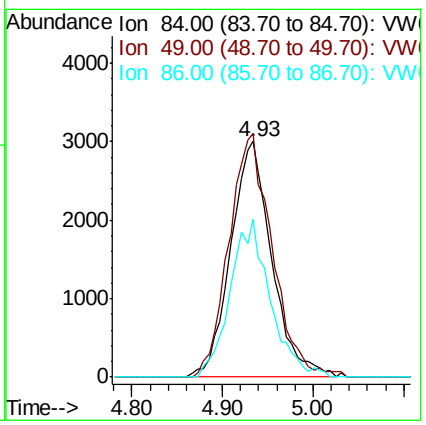


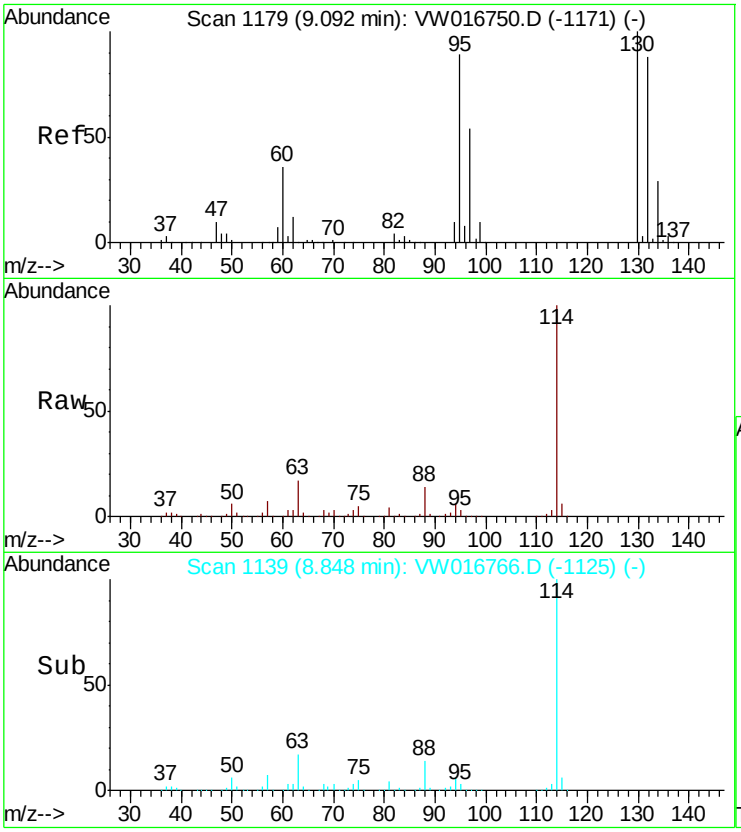


#16
Methylene chloride
Concen: 1.016 ug/L
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW016766.D
Acq: 02 Oct 2020 16:32

Tgt Ion: 84 Resp: 9409

Ion	Ratio	Lower	Upper
84	100		
49	103.3	76.0	141.2
86	66.8	45.6	84.6



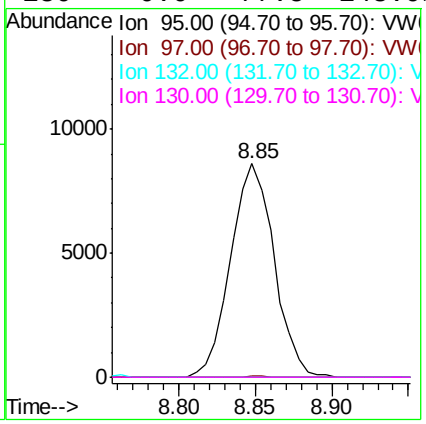


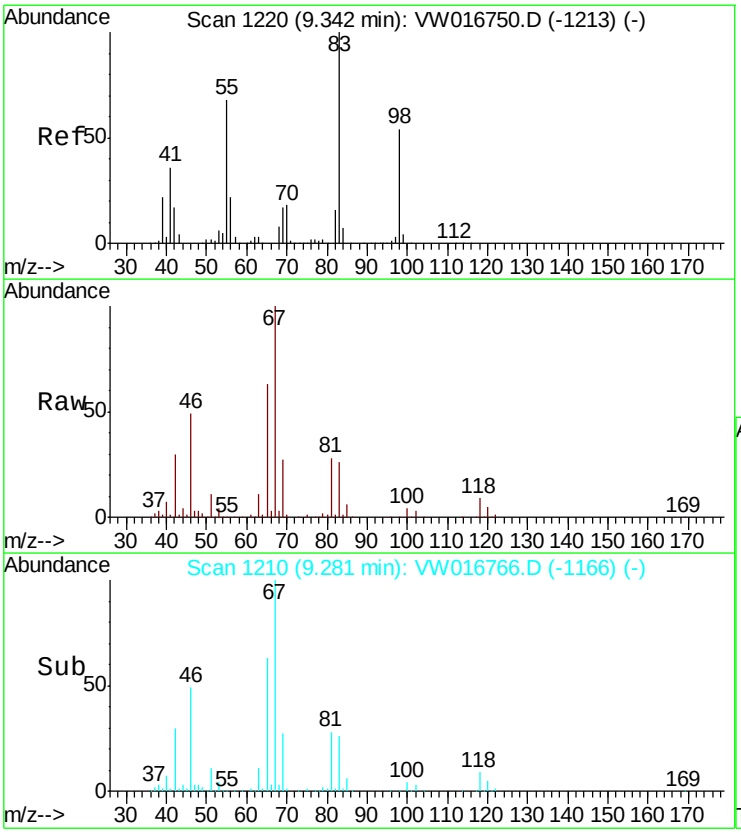
#35
Trichloroethene
Concen: 2.175 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW016766.D
Acq: 02 Oct 2020 16:32

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 16994

Ion	Ratio	Lower	Upper
95	100		
97	0.2	45.2	84.0#
132	0.0	73.3	136.1#
130	0.0	77.5	143.9#

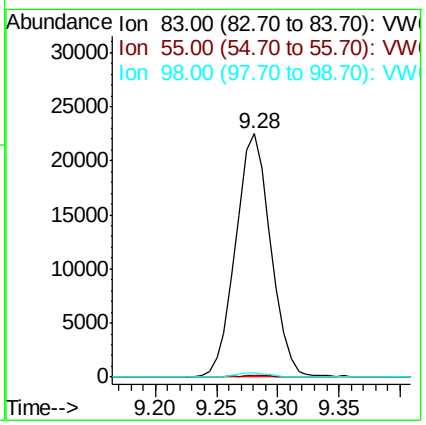


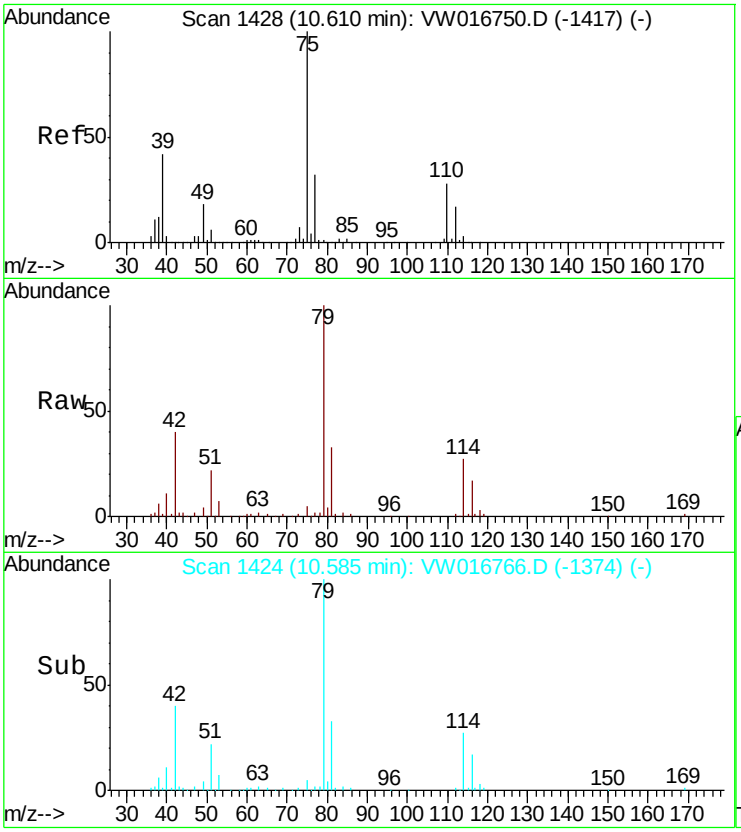


#36
Methylcyclohexane
Concen: 3.381 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016766.D
Acq: 02 Oct 2020 16:32

Tgt Ion: 83 Resp: 44811

Ion	Ratio	Lower	Upper
83	100		
55	0.6	55.9	83.9#
98	1.6	42.1	63.1#



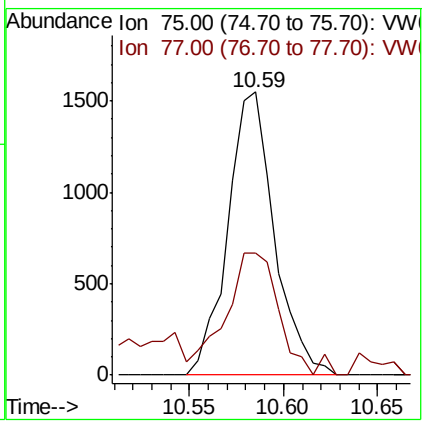


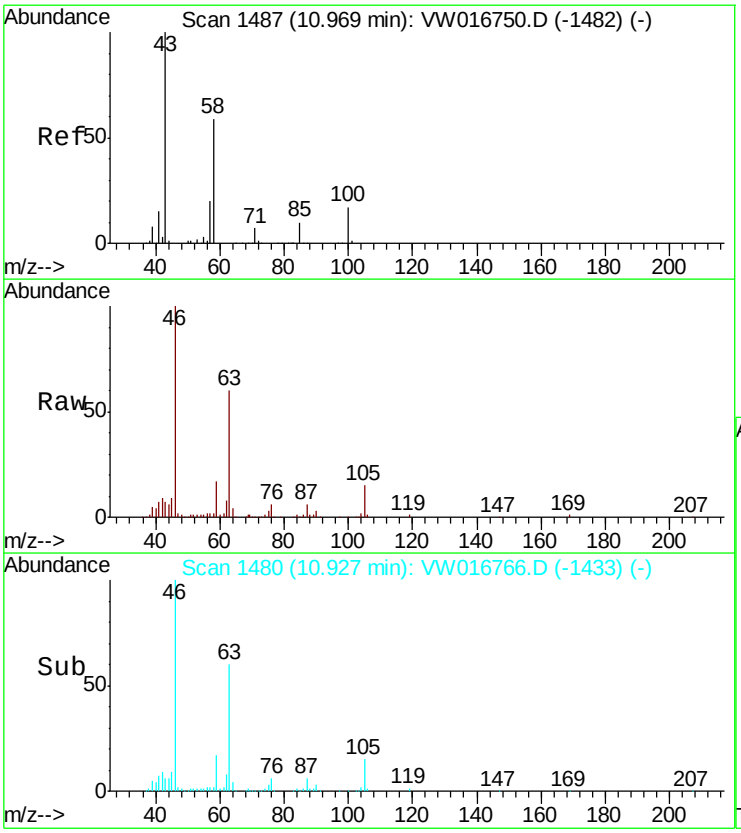
#45
trans-1,3-Dichloropropene
Concen: 0.284 ug/L
RT: 10.59 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW016766.D
Acq: 02 Oct 2020 16:32

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 2649

Ion	Ratio	Lower	Upper
75	100		
77	43.2	22.5	41.9#

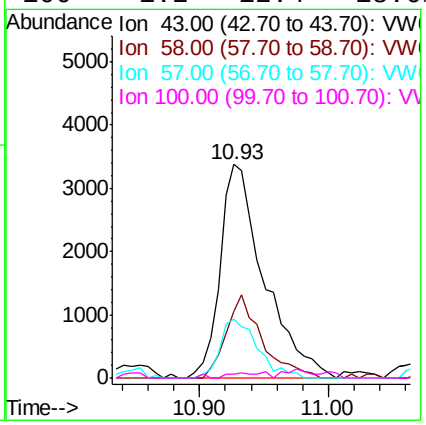


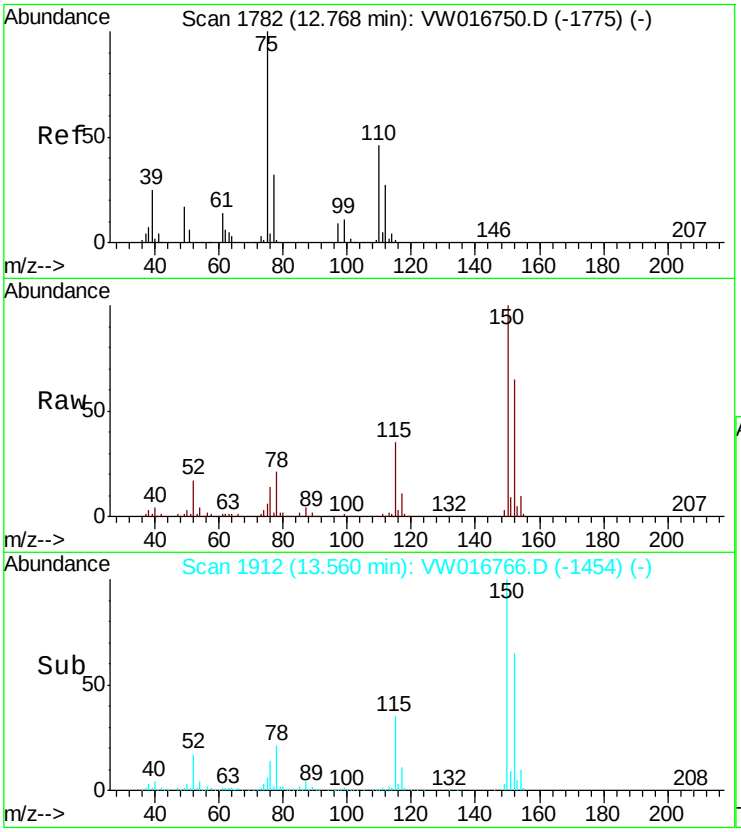


#49
2-Hexanone
Concen: 3.177 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016766.D
Acq: 02 Oct 2020 16:32

Tgt Ion: 43 Resp: 8045

Ion	Ratio	Lower	Upper
43	100		
58	31.7	44.2	66.2#
57	22.1	16.3	24.5
100	1.2	12.4	18.6#





#59
1,2,3-Trichloropropane
Concen: 4.583 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW016766.D
Acq: 02 Oct 2020 16:32

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 20197

Ion	Ratio	Lower	Upper
75	100		
77	37.8	26.2	39.4