Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112420\
Data File : VY003614.D
Acq On : 24 Nov 2020 18:27
Operator : SY/MD
Sample : L4861-05
Misc : 4.53G/10ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Nov 25 06:04:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 25 06:01:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	156328	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	126566	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	38535	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	57279	33.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 133.00%			
7) Chloroethane-d5	2.77	69	46165	28.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.52%			
10) 1,1-Dichloroethene-d2	3.86	63	89547	21.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.08%			
20) 2-Butanone-d5	6.91	46	34613	39.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.68%			
24) Chloroform-d	7.49	84	116699	29.37	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 117.48%			
26) 1,2-Dichloroethane-d4	8.14	65	62883	28.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.96%			
29) Benzene-d6	8.11	84	232251	31.50	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 126.00%			
33) 1,2-Dichloropropane-d6	9.13	67	71936	33.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 133.08%#			
37) Toluene-d8	10.18	98	191687	29.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.08%			
38) trans-1,3-Dichloropropene-	10.44	79	26857	24.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.56%			
39) 2-Hexanone-d5	10.79	63	21050	37.44	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.88%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	45126	23.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.84%			
61) 1,2-Dichlorobenzene-d4	13.72	152	35705	28.71	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 114.84%			
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	3.86	101	863	0.417	ug/L #	17
15) Methyl Acetate	4.48	43	624	0.394	ug/L #	84
16) Methylene chloride	4.71	84	5595	2.088	ug/L	88
21) 2-Butanone	6.99	43	1018	0.969	ug/L #	49
35) Trichloroethene	8.69	95	4158	2.057	ug/L #	2
36) Methylcyclohexane	9.12	83	16897	5.346	ug/L #	19
42) cis-1,3-Dichloropropene	9.89	75	1948	0.628	ug/L #	67
59) 1,2,3-Trichloropropane	13.42	75	5090	3.524	ug/L	96

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

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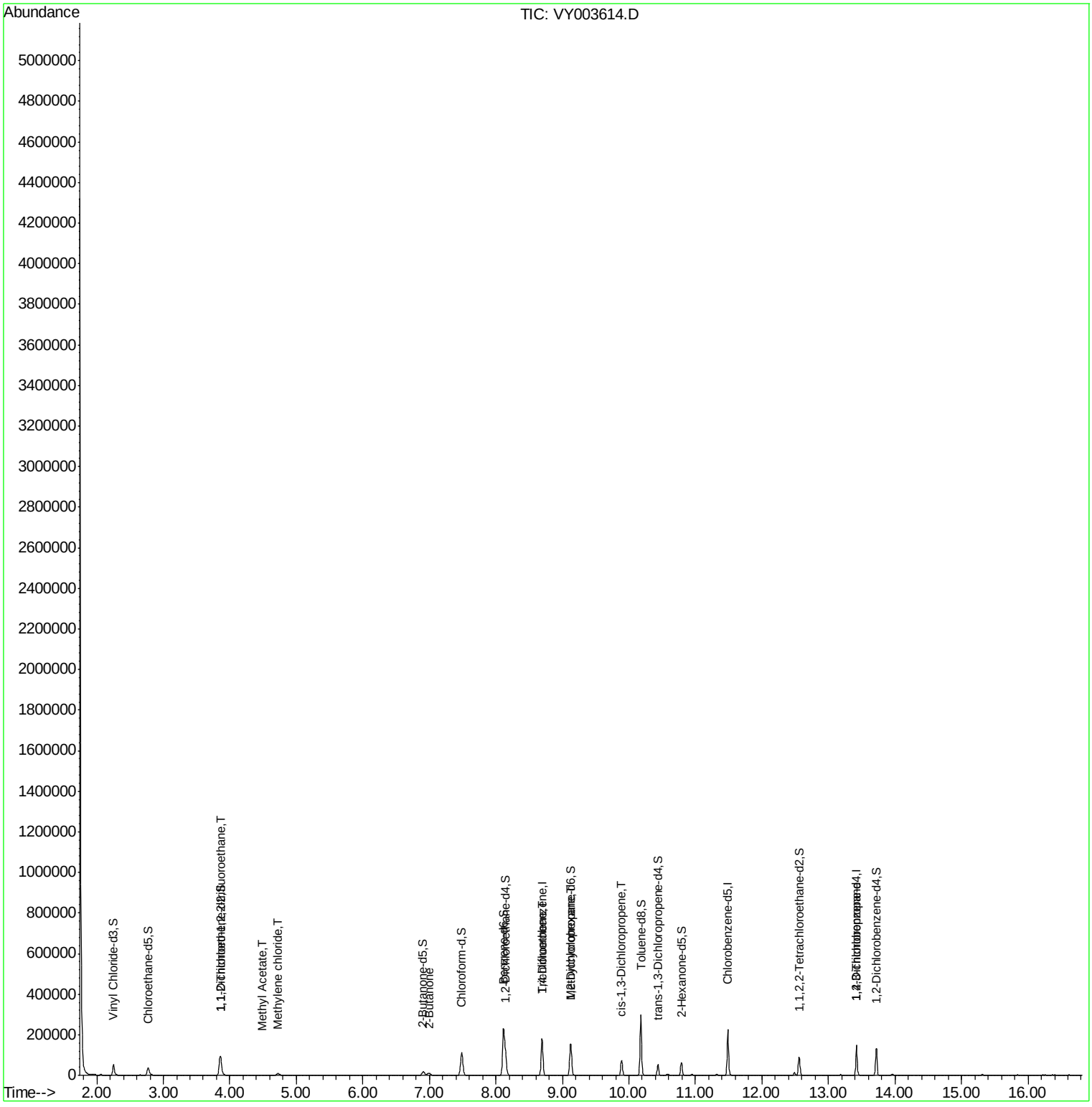
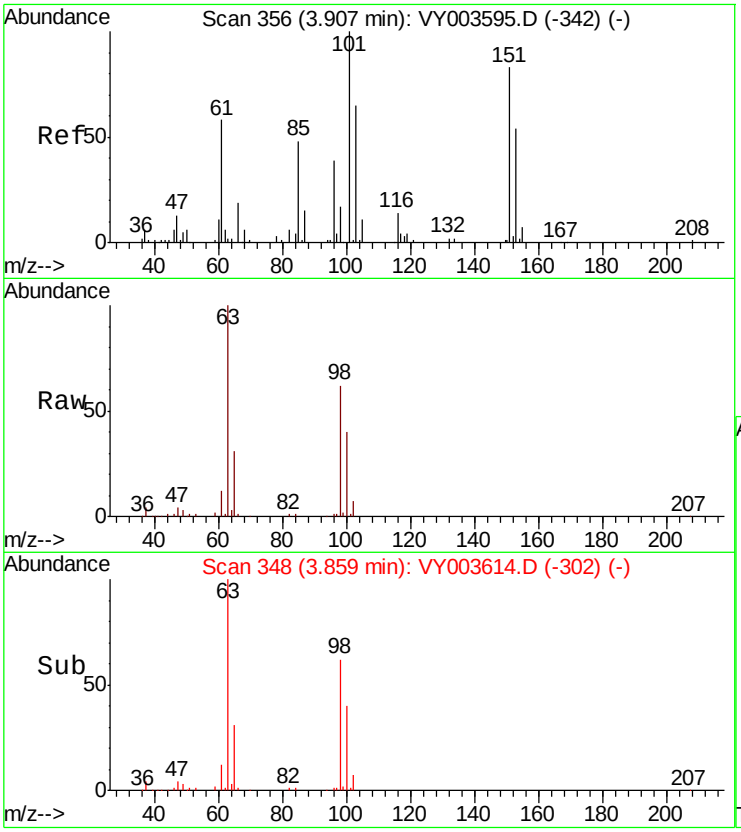


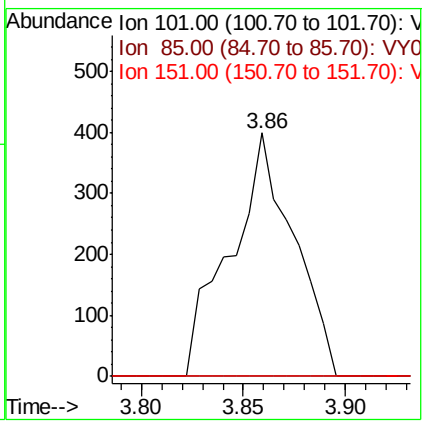


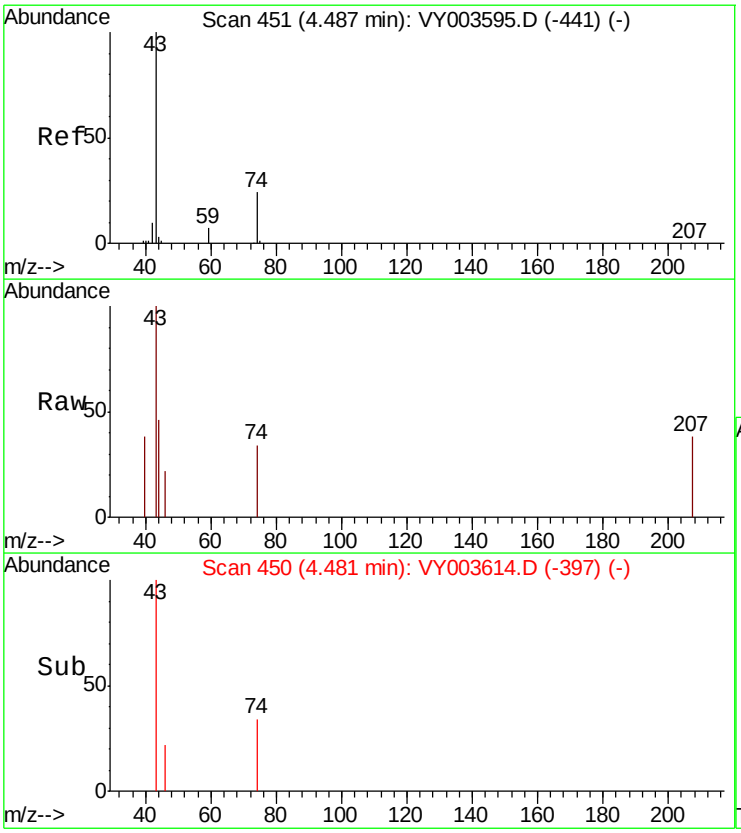
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.417 ug/L
RT: 3.86 min Scan# 348
Delta R.T. -0.05 min
Lab File: VY003614.D
Acq: 24 Nov 2020 18:27

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 863

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.0	52.4#
151	0.0	65.4	98.0#

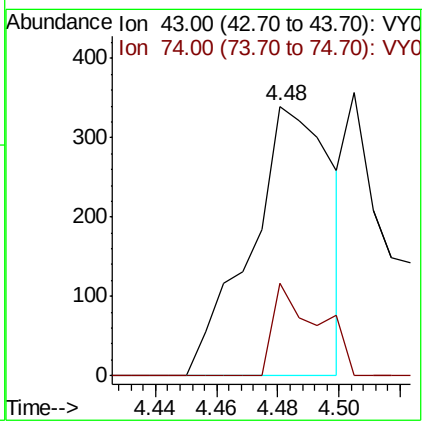


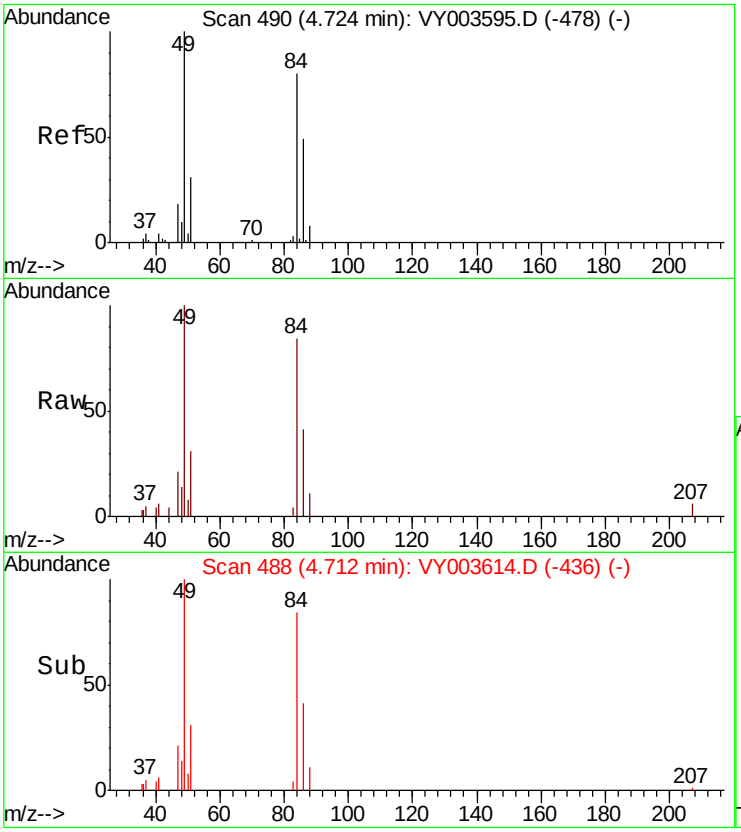


#15
Methyl Acetate
Concen: 0.394 ug/L
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003614.D
Acq: 24 Nov 2020 18:27

Tgt Ion: 43 Resp: 624

Ion	Ratio	Lower	Upper
43	100		
74	14.9	18.2	27.2#



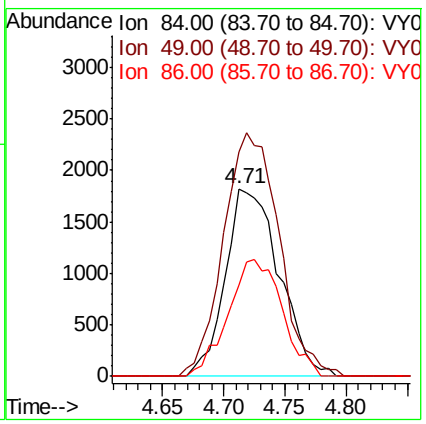


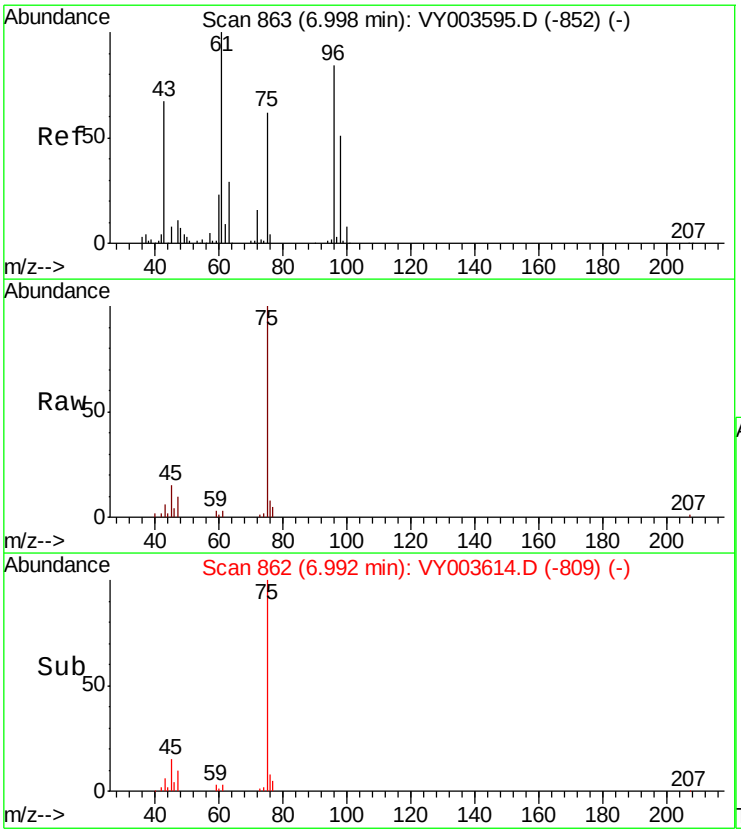
#16
Methylene chloride
Concen: 2.088 ug/L
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY003614.D
Acq: 24 Nov 2020 18:27

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 5595

Ion	Ratio	Lower	Upper
84	100		
49	119.2	90.3	167.7
86	48.5	44.7	83.1

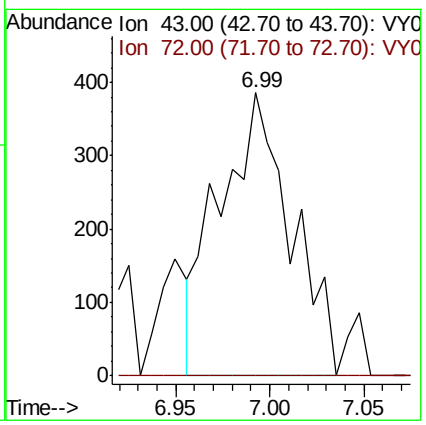


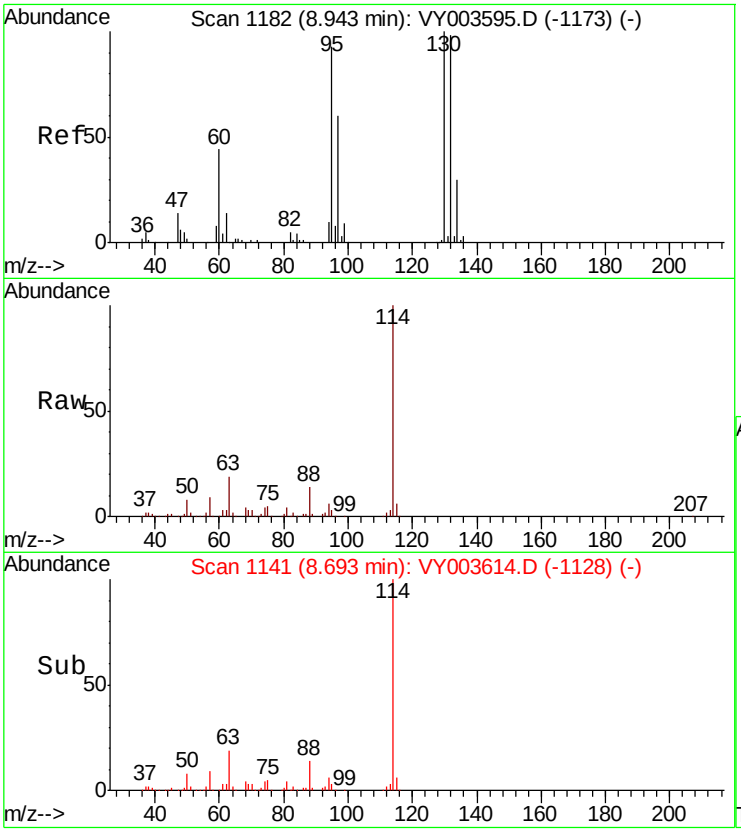


#21
2-Butanone
Concen: 0.969 ug/L
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY003614.D
Acq: 24 Nov 2020 18:27

Tgt Ion: 43 Resp: 1018

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.2	39.6#



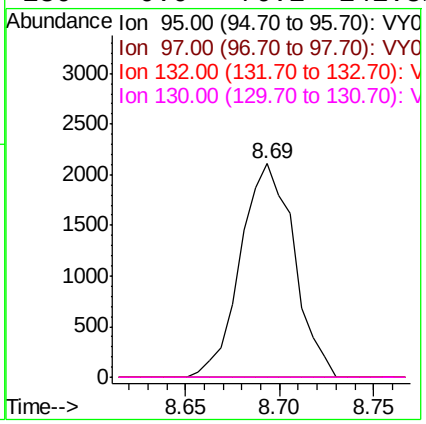


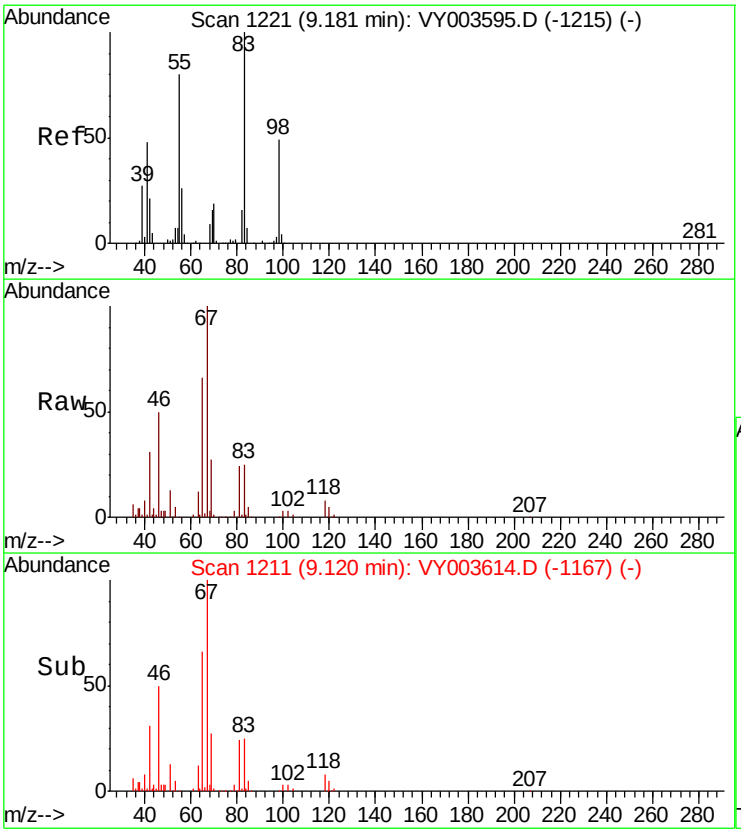
#35
Trichloroethene
Concen: 2.057 ug/L
RT: 8.69 min Scan# 1141
Delta R.T. -0.25 min
Lab File: VY003614.D
Acq: 24 Nov 2020 18:27

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 4158

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.5	82.7#
132	0.0	73.1	135.7#
130	0.0	76.1	141.3#

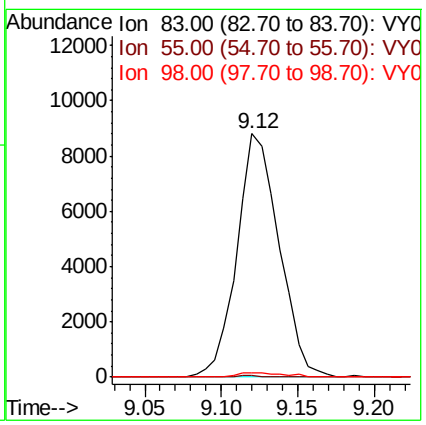


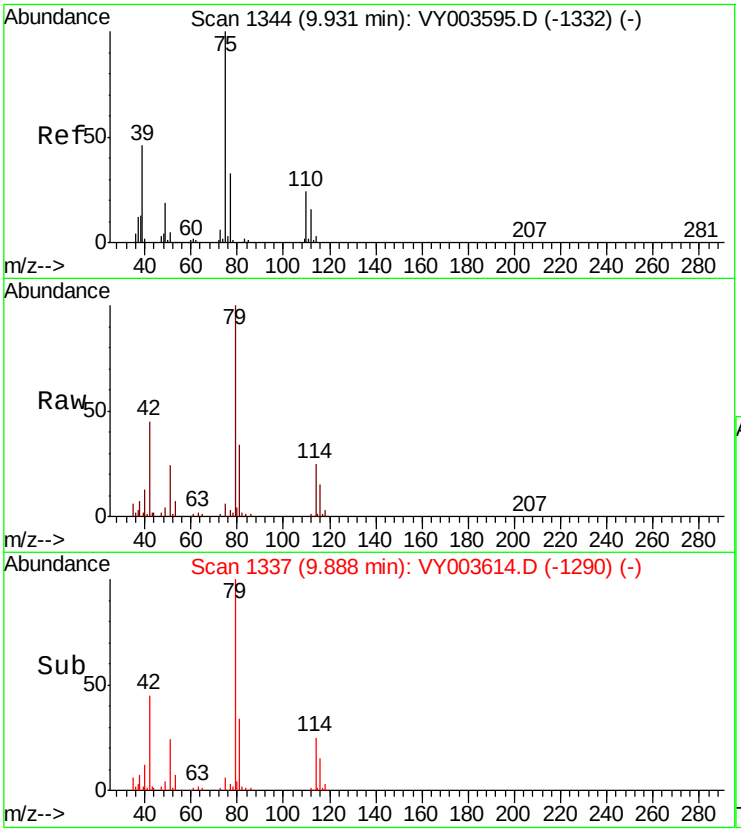


#36
Methylcyclohexane
Concen: 5.346 ug/L
RT: 9.12 min Scan# 1211
Delta R.T. -0.06 min
Lab File: VY003614.D
Acq: 24 Nov 2020 18:27

Tgt Ion: 83 Resp: 16897

Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.8	91.2#
98	1.7	40.6	61.0#



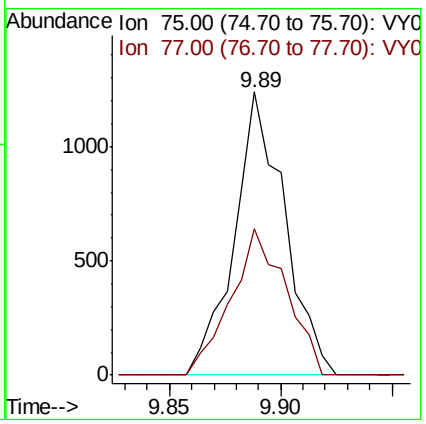


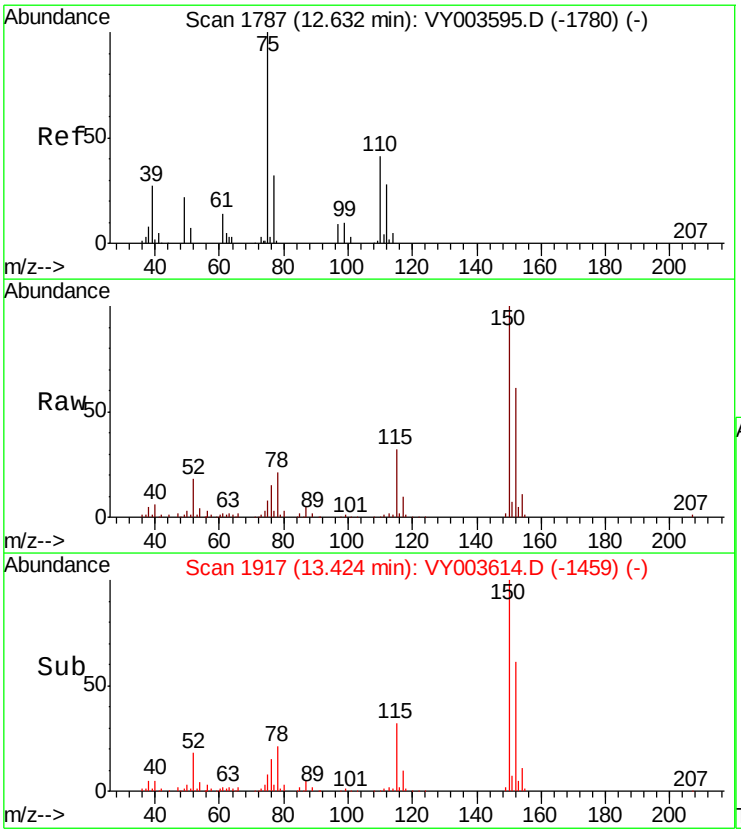
#42
cis-1,3-Dichloropropene
Concen: 0.628 ug/L
RT: 9.89 min Scan# 1337
Delta R.T. -0.04 min
Lab File: VY003614.D
Acq: 24 Nov 2020 18:27

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1948

Ion	Ratio	Lower	Upper
75	100		
77	51.8	23.2	43.0#





#59
1,2,3-Trichloropropane
Concen: 3.524 ug/L
RT: 13.42 min Scan# 1917
Delta R.T. 0.79 min
Lab File: VY003614.D
Acq: 24 Nov 2020 18:27

Tgt Ion: 75 Resp: 5090

Ion	Ratio	Lower	Upper
75	100		
77	30.4	26.2	39.2