Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112420\
Data File : VY003604.D
Acq On : 24 Nov 2020 14:53
Operator : SY/MD
Sample : L4860-19RE
Misc : 3.92G/10ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Nov 25 06:03:51 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	187607	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	171360	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	73879	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	52149	25.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.88%			
7) Chloroethane-d5	2.77	69	41503	21.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.52%			
10) 1,1-Dichloroethene-d2	3.85	63	87001	17.02	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.08%			
20) 2-Butanone-d5	6.91	46	25425	24.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 48.78%			
24) Chloroform-d	7.49	84	107649	22.57	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.28%			
26) 1,2-Dichloroethane-d4	8.14	65	54758	20.49	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.96%			
29) Benzene-d6	8.11	84	229232	22.96	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.84%			
33) 1,2-Dichloropropane-d6	9.13	67	68362	23.35	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.40%			
37) Toluene-d8	10.18	98	204865	22.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.60%			
38) trans-1,3-Dichloropropene-	10.44	79	28865	19.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 79.04%			
39) 2-Hexanone-d5	10.79	63	19214	25.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 50.48%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	41315	16.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 64.80%			
61) 1,2-Dichlorobenzene-d4	13.72	152	56400	23.65	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.60%			
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	3.86	101	815	0.328	ug/L #	17
16) Methylene chloride	4.72	84	11533	3.586	ug/L	97
35) Trichloroethene	8.70	95	5301	1.937	ug/L #	2
36) Methylcyclohexane	9.13	83	16185	3.782	ug/L #	19
40) 1,2-Dichloropropane	9.12	63	7718	2.896	ug/L #	87
42) cis-1,3-Dichloropropene	9.89	75	2179	0.518	ug/L #	72
59) 1,2,3-Trichloropropane	13.42	75	9448	4.831	ug/L	98

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

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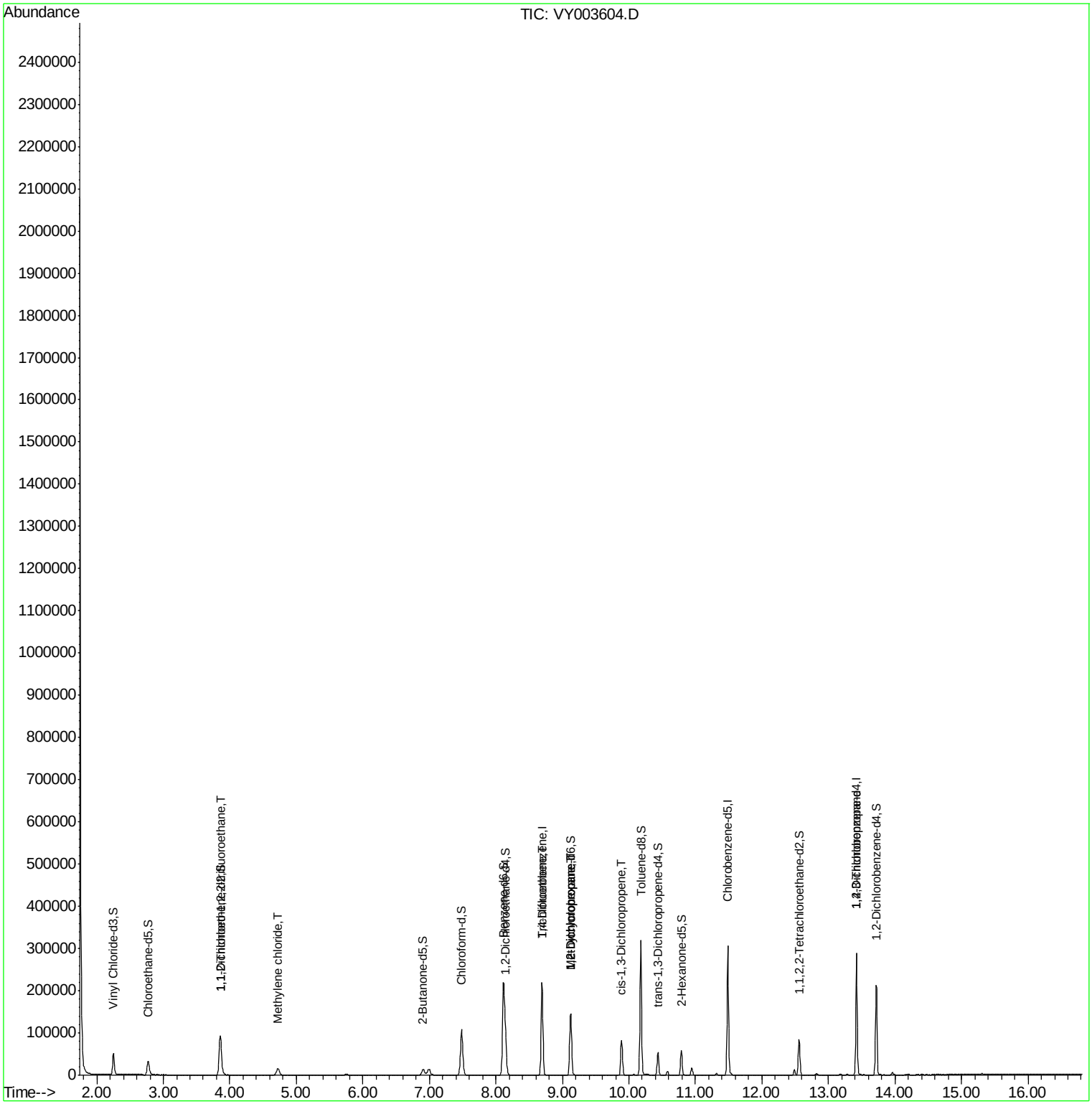
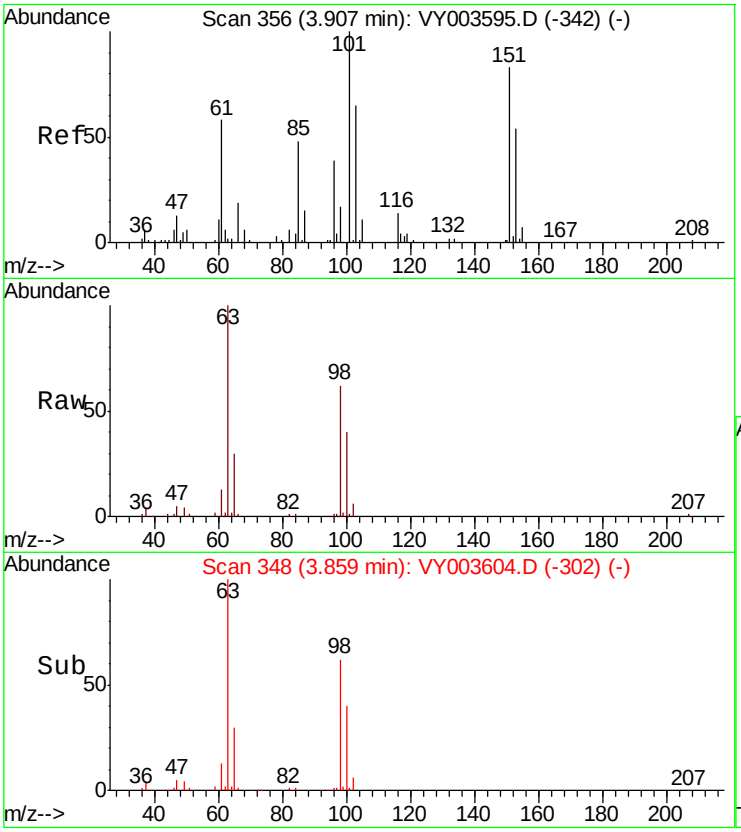


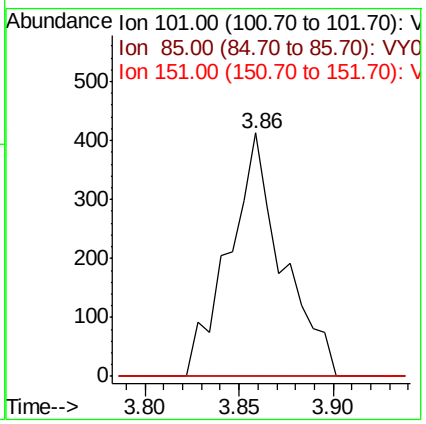


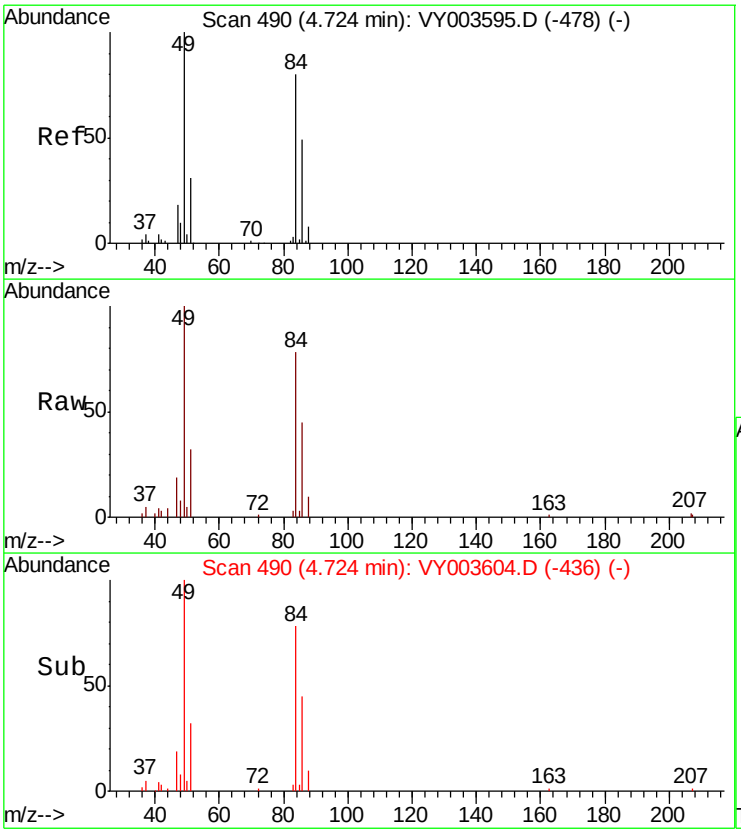
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.328 ug/L
RT: 3.86 min Scan# 348
Delta R.T. -0.05 min
Lab File: VY003604.D
Acq: 24 Nov 2020 14:53

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 815

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

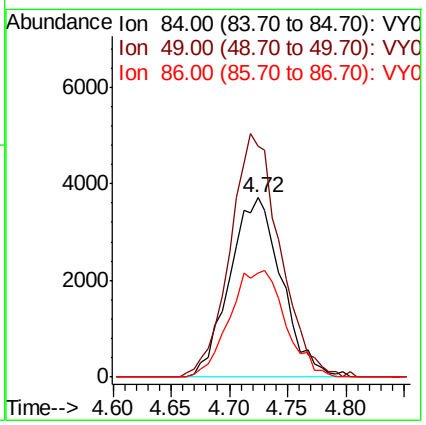


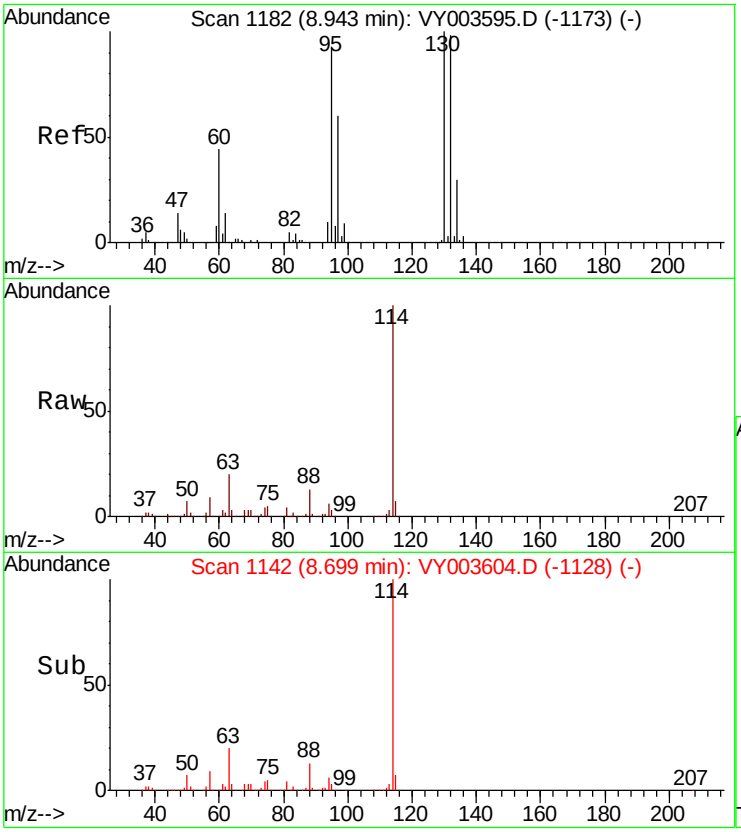


#16
Methylene chloride
Concen: 3.586 ug/L
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003604.D
Acq: 24 Nov 2020 14:53

Tgt Ion: 84 Resp: 11533

Ion	Ratio	Lower	Upper
84	100		
49	128.5	90.3	167.7
86	57.8	44.7	83.1



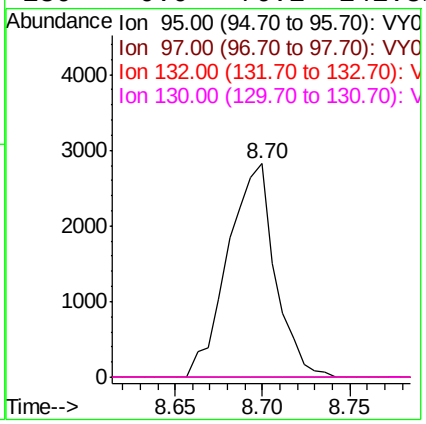


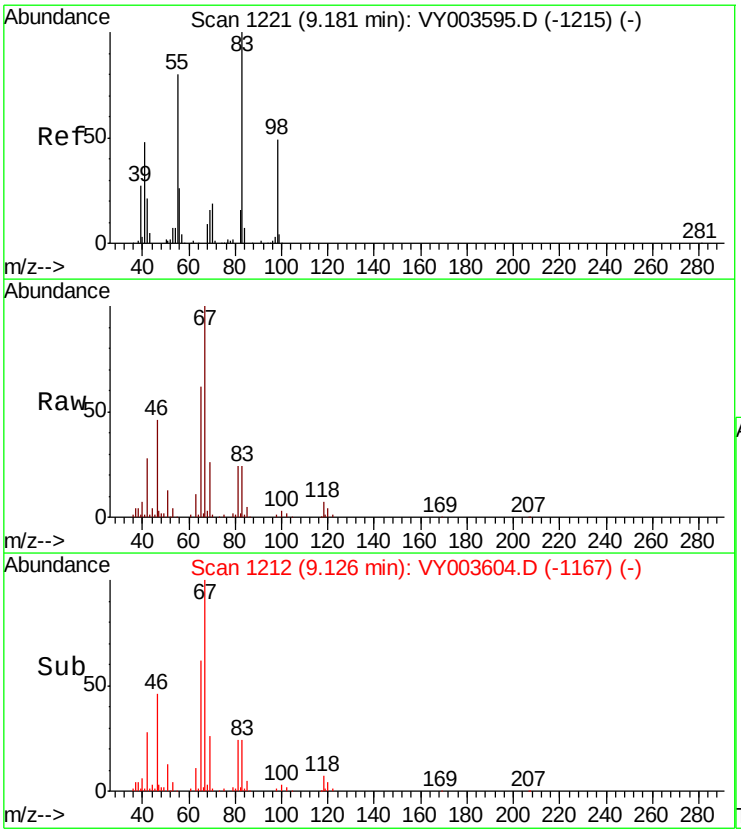
#35
Trichloroethene
Concen: 1.937 ug/L
RT: 8.70 min Scan# 1142
Delta R.T. -0.24 min
Lab File: VY003604.D
Acq: 24 Nov 2020 14:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 5301

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#

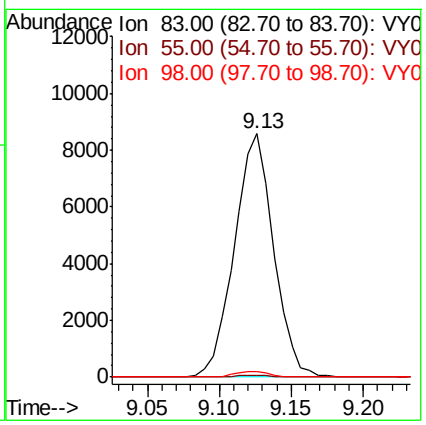


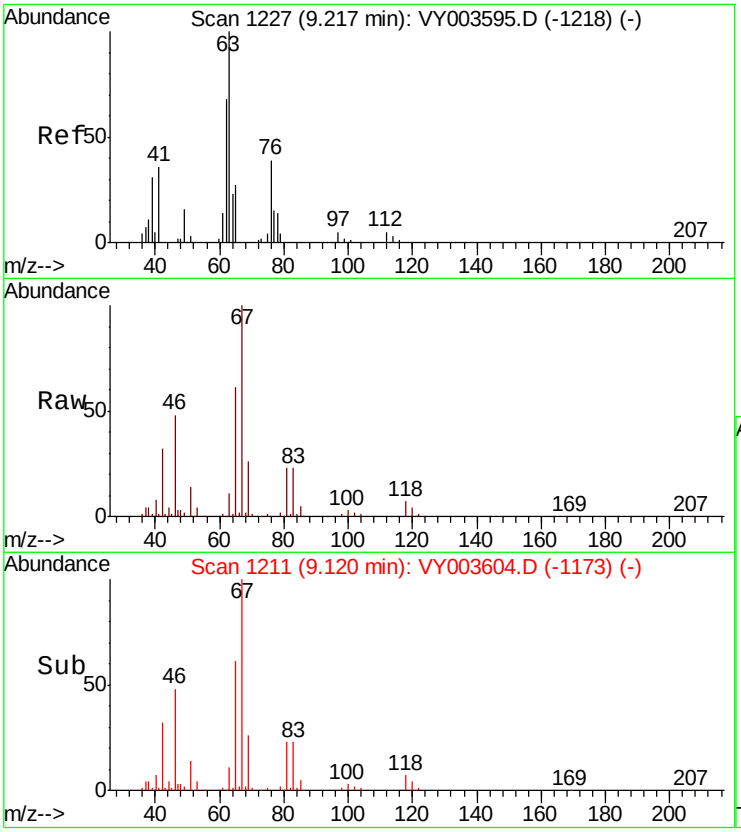


#36
Methylcyclohexane
Concen: 3.782 ug/L
RT: 9.13 min Scan# 1212
Delta R.T. -0.05 min
Lab File: VY003604.D
Acq: 24 Nov 2020 14:53

Tgt Ion: 83 Resp: 16185

Ion	Ratio	Lower	Upper
83	100		
55	0.7	60.8	91.2#
98	1.9	40.6	61.0#



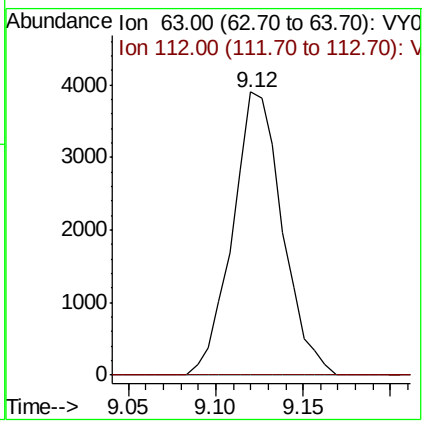


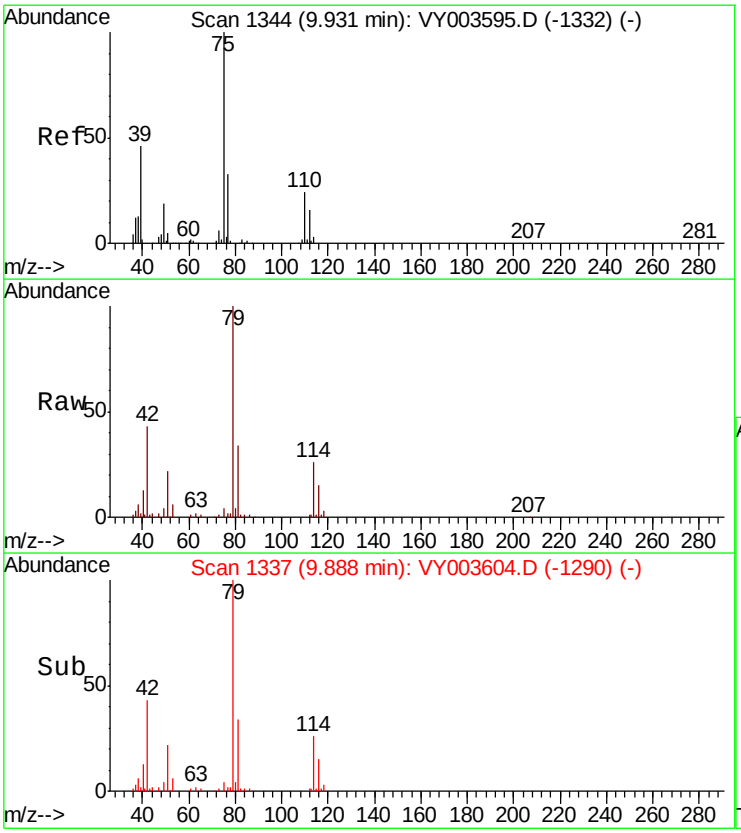
#40
1,2-Dichloropropane
Concen: 2.896 ug/L
RT: 9.12 min Scan# 1211
Delta R.T. -0.10 min
Lab File: VY003604.D
Acq: 24 Nov 2020 14:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 63 Resp: 7718

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

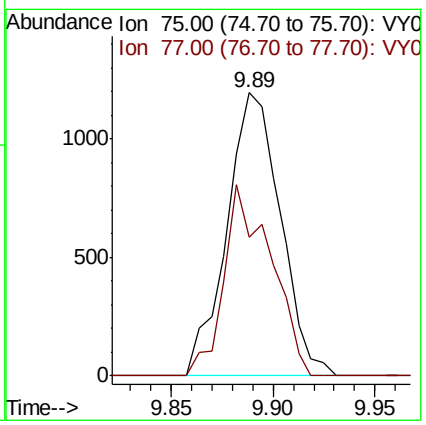


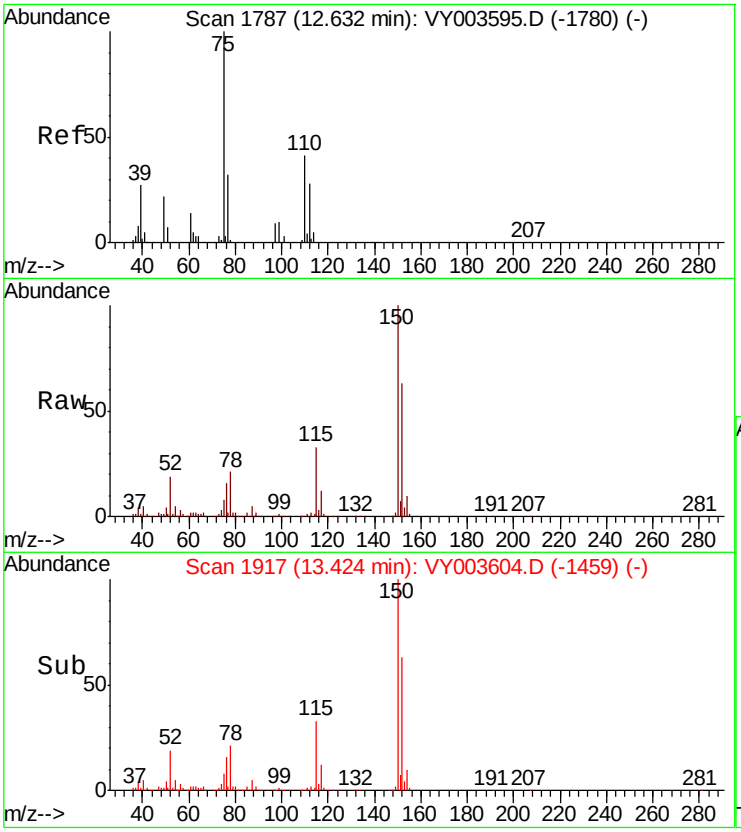


#42
cis-1,3-Dichloropropene
Concen: 0.518 ug/L
RT: 9.89 min Scan# 1337
Delta R.T. -0.04 min
Lab File: VY003604.D
Acq: 24 Nov 2020 14:53

Tgt Ion: 75 Resp: 2179

Ion	Ratio	Lower	Upper
75	100		
77	48.8	23.2	43.0#





#59
1,2,3-Trichloropropane
Concen: 4.831 ug/L
RT: 13.42 min Scan# 1917
Delta R.T. 0.79 min
Lab File: VY003604.D
Acq: 24 Nov 2020 14:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 9448

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.2	39.2