Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112420\
Data File : VY003612.D
Acq On : 24 Nov 2020 17:45
Operator : SY/MD
Sample : L4861-03
Misc : 5.20G/10ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Nov 25 06:04:42 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	8.70	114	12533	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.50	117	13262	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	4945	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.26	65	6188	44.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 179.20%#			
7) Chloroethane-d5	2.78	69	4827	37.66	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 150.64%#			
10) 1,1-Dichloroethene-d2	3.88	63	9026	26.43	ug/L	0.02
Spiked Amount 25.000	Range 45 - 110		Recovery = 105.72%			
20) 2-Butanone-d5	6.91	46	2544	36.53	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.06%			
24) Chloroform-d	7.50	84	11153	35.01	ug/L	0.02
Spiked Amount 25.000	Range 40 - 150		Recovery = 140.04%			
26) 1,2-Dichloroethane-d4	8.16	65	6990	39.15	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 156.60%#			
29) Benzene-d6	8.13	84	18582	24.05	ug/L	0.02
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.20%			
33) 1,2-Dichloropropane-d6	9.13	67	5098	22.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.00%			
37) Toluene-d8	10.19	98	11419	16.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 66.00%			
38) trans-1,3-Dichloropropene-	10.44	79	2981	26.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.48%			
39) 2-Hexanone-d5	10.79	63	2135	36.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.48%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	6640	33.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 134.56%#			
61) 1,2-Dichlorobenzene-d4	13.72	152	4512	28.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.08%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.87	96	69	0.397	ug/L #	1
13) Acetone	3.98	43	291	5.819	ug/L #	42
16) Methylene chloride	4.75	84	971	4.519	ug/L	80
21) 2-Butanone	6.98	43	199	2.363	ug/L #	49
35) Trichloroethene	8.71	95	331	1.562	ug/L #	2
36) Methylcyclohexane	9.20	83	142	0.429	ug/L #	18
40) 1,2-Dichloropropane	9.22	63	97	0.470	ug/L #	87
41) Bromodichloromethane	9.25	83	67	0.254	ug/L #	25
42) cis-1,3-Dichloropropene	9.90	75	179	0.550	ug/L	98
49) 2-Hexanone	10.83	43	144	1.056	ug/L #	39
59) 1,2,3-Trichloropropane	13.42	75	624	4.123	ug/L	93
65) 1,2-Dichlorobenzene	13.44	146	52	0.202	ug/L #	26

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

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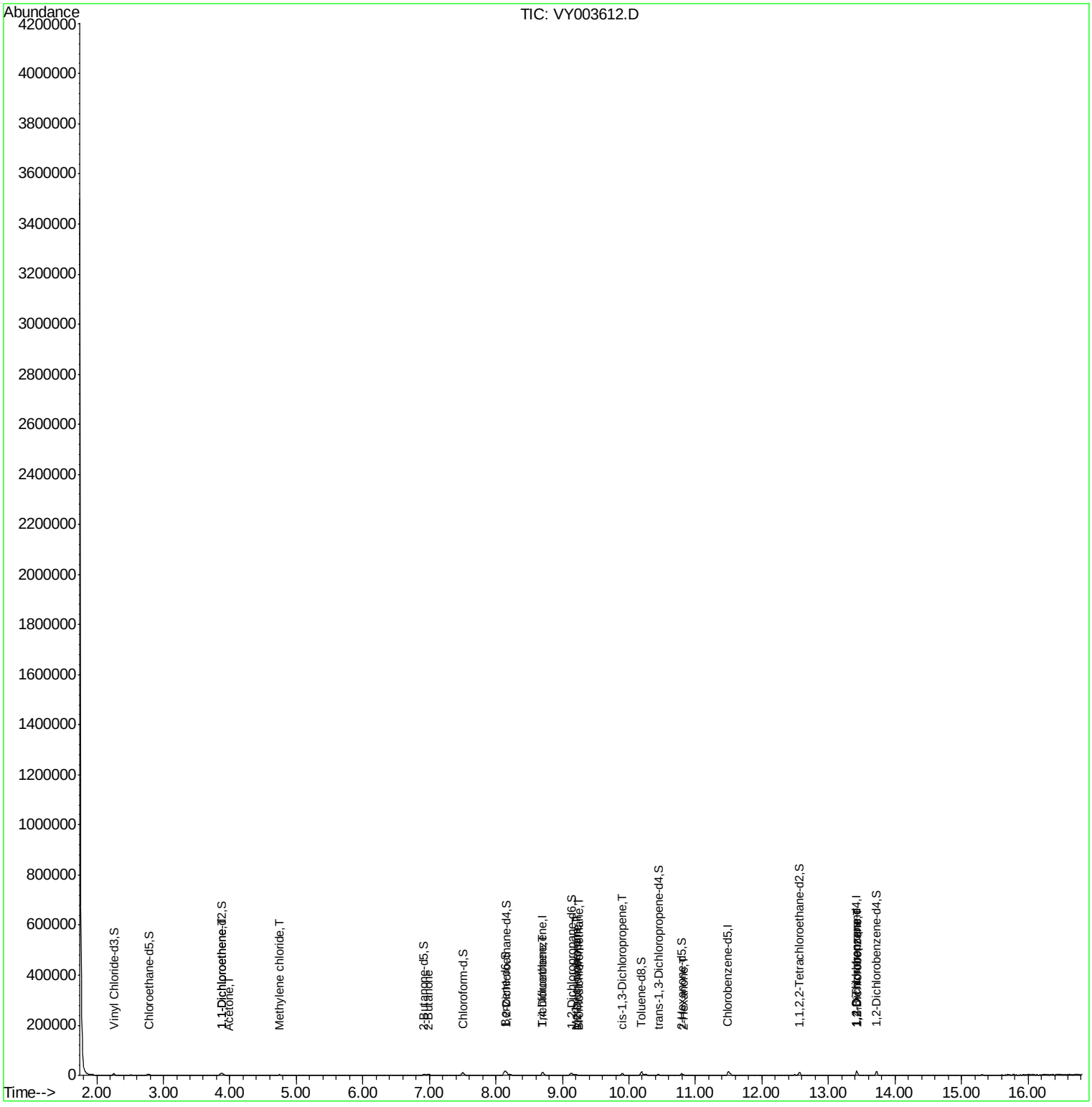
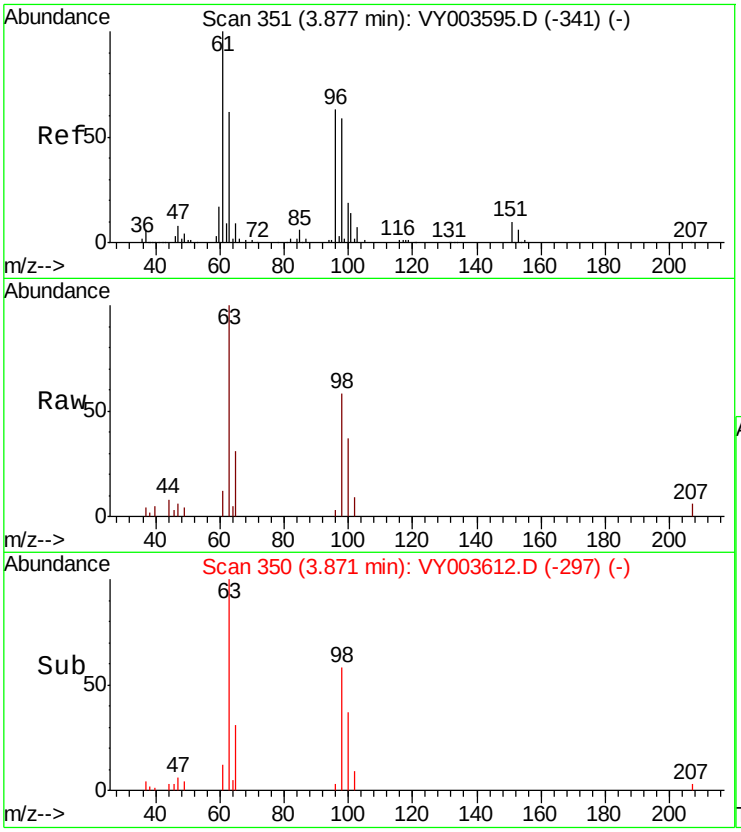
Sample : L4861-03
Misc : 5.20G/10ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 25 06:04:42 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



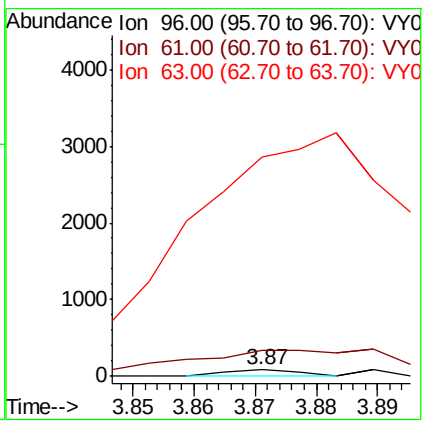


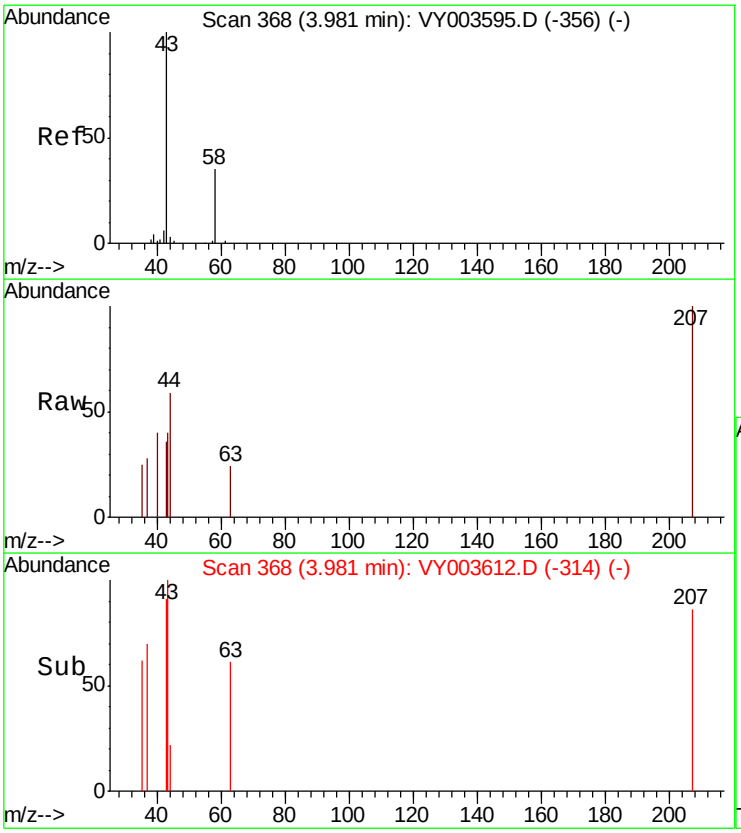
#12
1,1-Dichloroethene
Concen: 0.397 ug/L
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003612.D
Acq: 24 Nov 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 69

Ion	Ratio	Lower	Upper
96	100		
61	411.9	116.6	216.6#
63	3404.8	77.5	143.9#

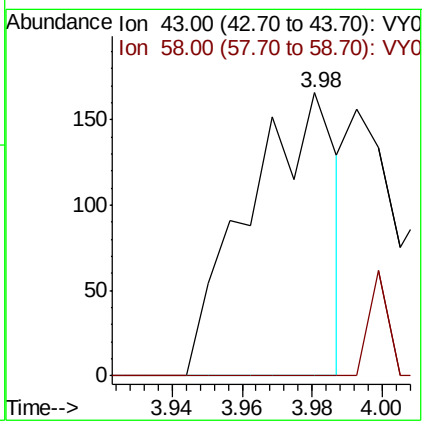


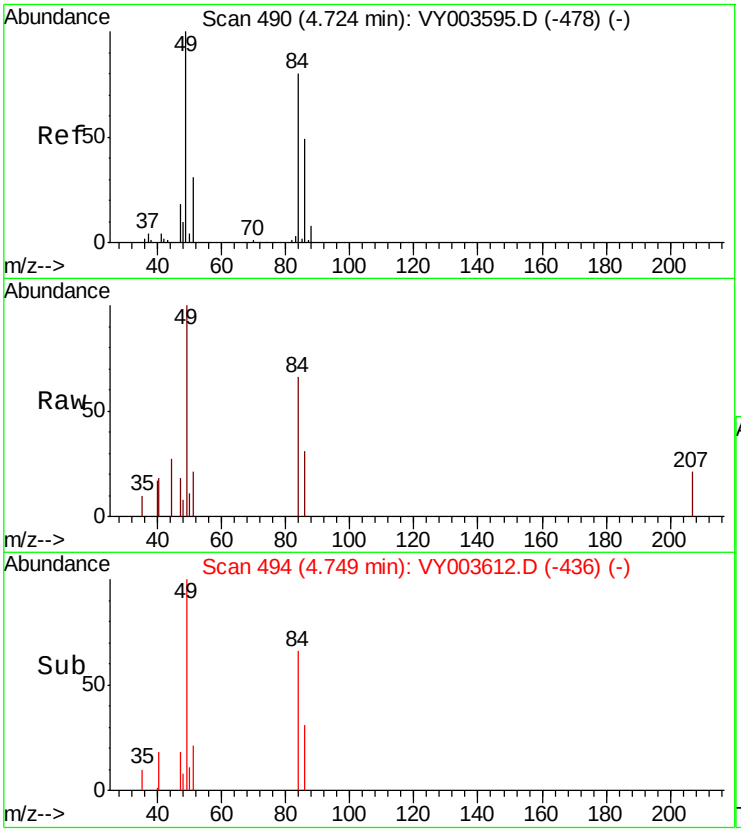


#13
Acetone
Concen: 5.819 ug/L
RT: 3.98 min Scan# 368
Delta R.T. 0.00 min
Lab File: VY003612.D
Acq: 24 Nov 2020 17:45

Tgt Ion: 43 Resp: 291

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	66.2



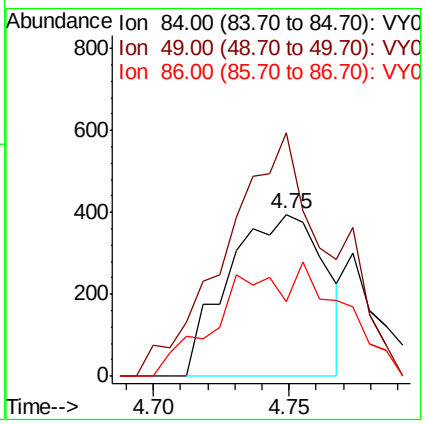


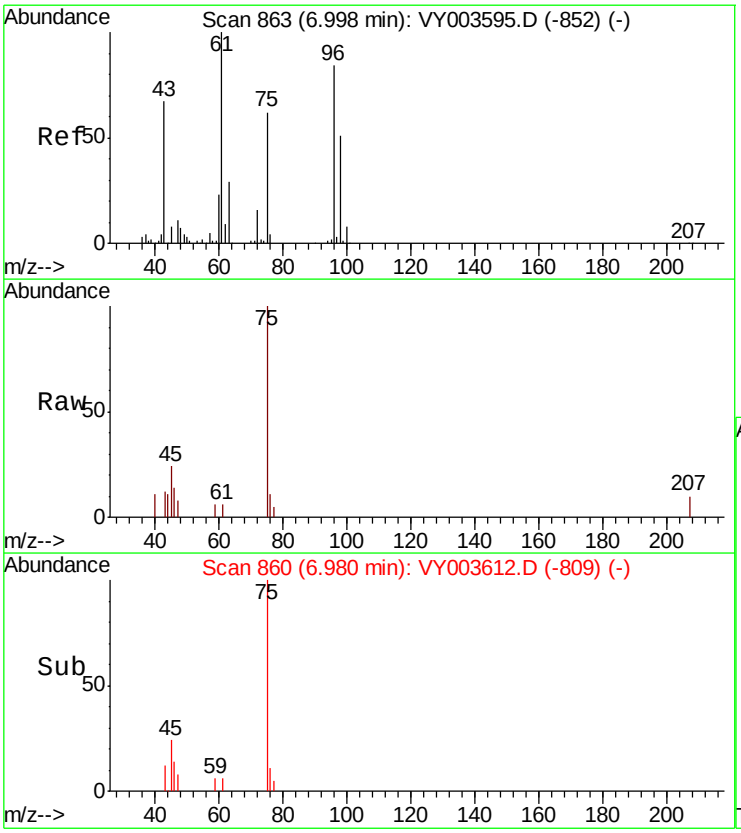
#16
Methylene chloride
Concen: 4.519 ug/L
RT: 4.75 min Scan# 494
Delta R.T. 0.02 min
Lab File: VY003612.D
Acq: 24 Nov 2020 17:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 971

Ion	Ratio	Lower	Upper
84	100		
49	150.4	90.3	167.7
86	46.3	44.7	83.1

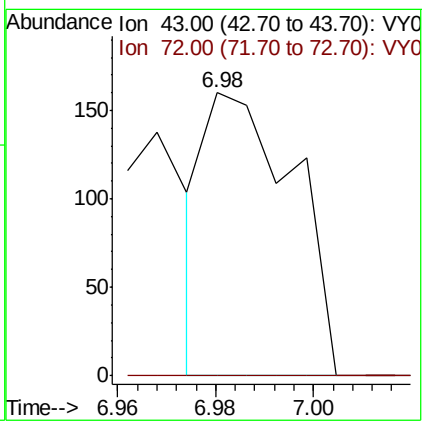


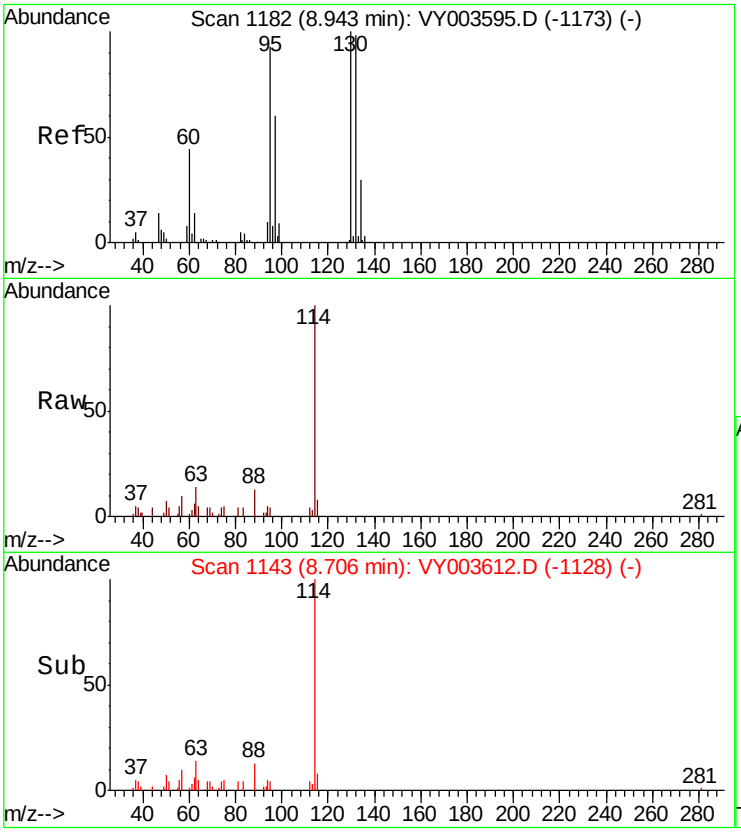


#21
2-Butanone
Concen: 2.363 ug/L
RT: 6.98 min Scan# 860
Delta R.T. -0.02 min
Lab File: VY003612.D
Acq: 24 Nov 2020 17:45

Tgt Ion: 43 Resp: 199

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.2	39.6#



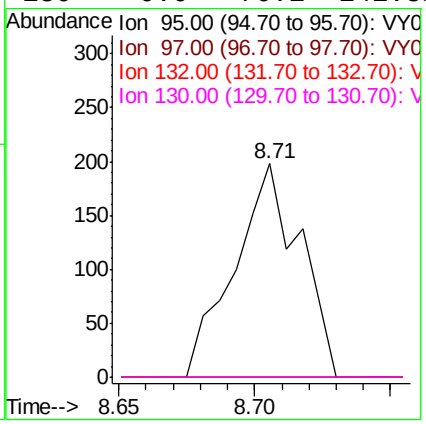


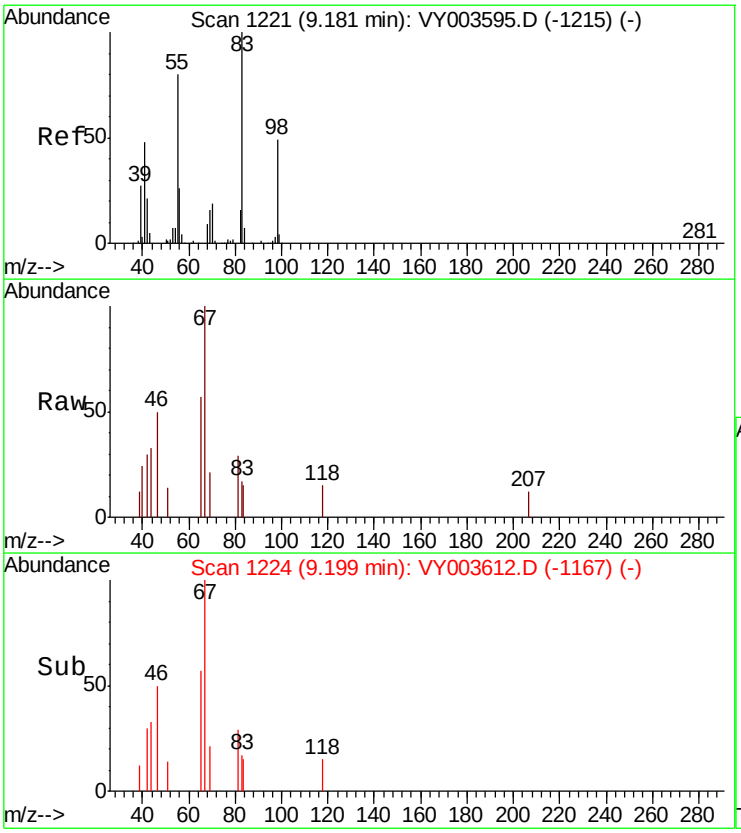
#35
Trichloroethene
Concen: 1.562 ug/L
RT: 8.71 min Scan# 1143
Delta R.T. -0.24 min
Lab File: VY003612.D
Acq: 24 Nov 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 331

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#

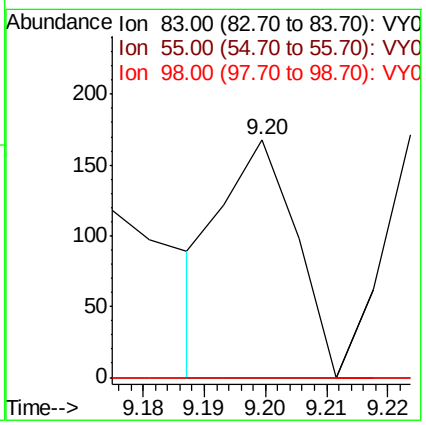


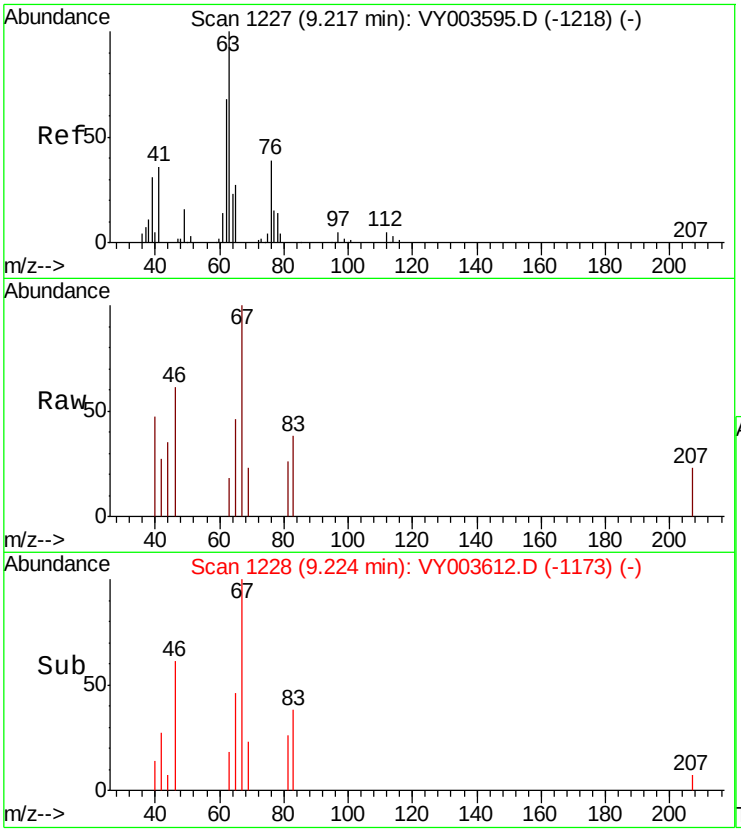


#36
Methylcyclohexane
Concen: 0.429 ug/L
RT: 9.20 min Scan# 1224
Delta R.T. 0.02 min
Lab File: VY003612.D
Acq: 24 Nov 2020 17:45

Tgt Ion: 83 Resp: 142

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.8	91.2#
98	0.0	40.6	61.0#



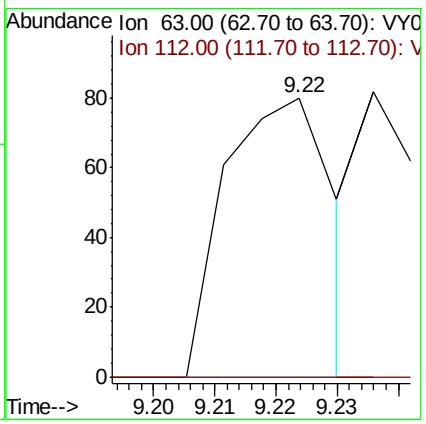


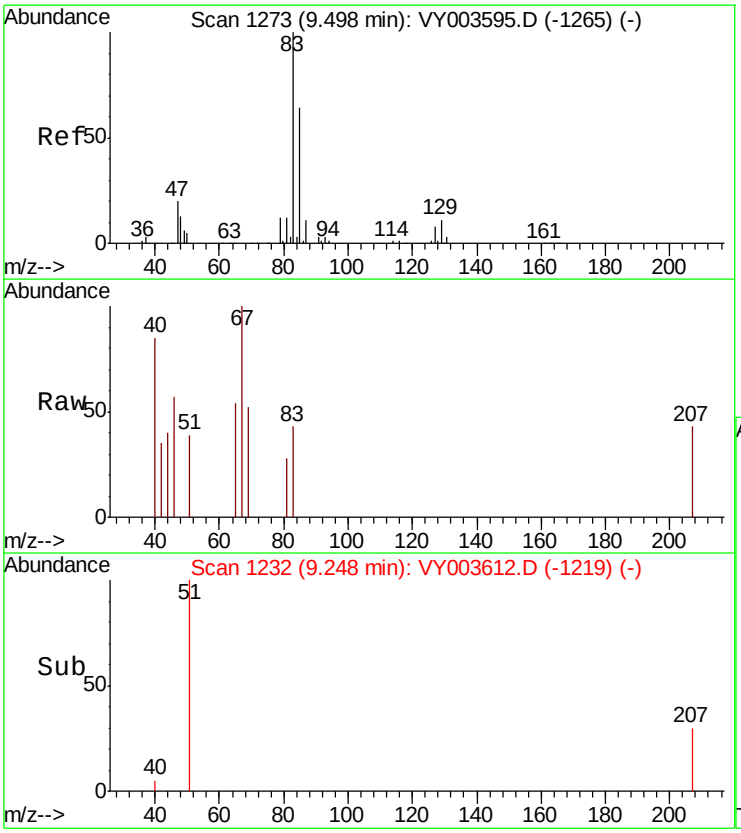
#40
1,2-Dichloropropane
Concen: 0.470 ug/L
RT: 9.22 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VY003612.D
Acq: 24 Nov 2020 17:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 63 Resp: 97

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

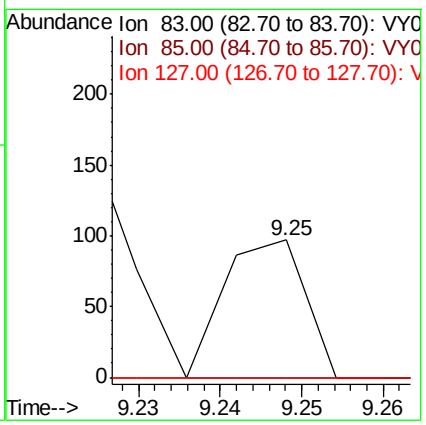


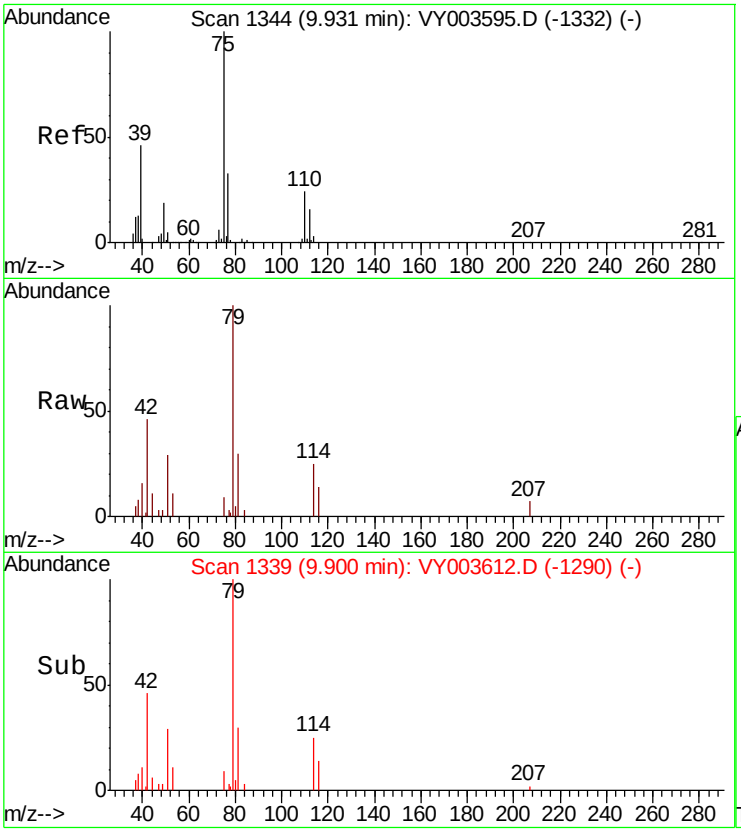


#41
Bromodichloromethane
Concen: 0.254 ug/L
RT: 9.25 min Scan# 1232
Delta R.T. -0.25 min
Lab File: VY003612.D
Acq: 24 Nov 2020 17:45

Tgt Ion: 83 Resp: 67

Ion	Ratio	Lower	Upper
83	100		
85	0.0	45.1	83.7#
127	0.0	6.8	10.2#



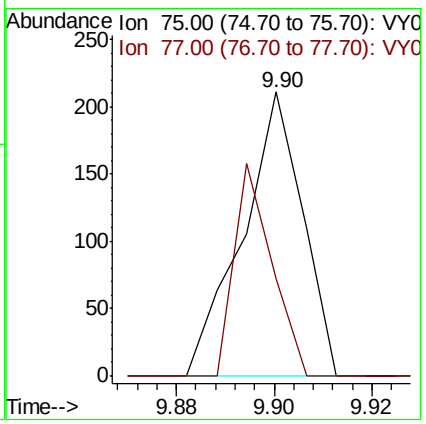


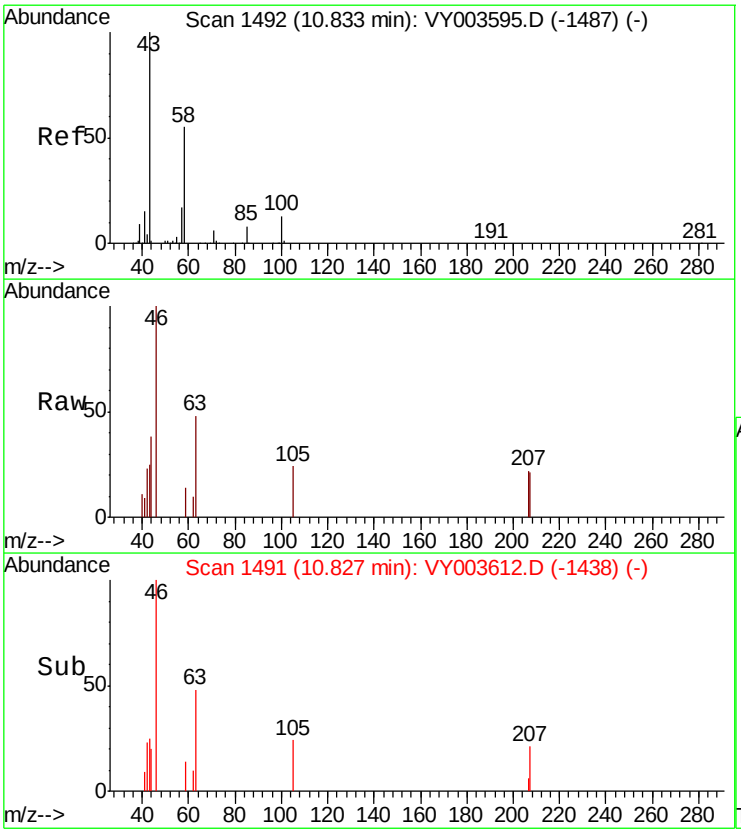
#42
cis-1,3-Dichloropropene
Concen: 0.550 ug/L
RT: 9.90 min Scan# 1339
Delta R.T. -0.03 min
Lab File: VY003612.D
Acq: 24 Nov 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 179

Ion	Ratio	Lower	Upper
75	100		
77	34.1	23.2	43.0

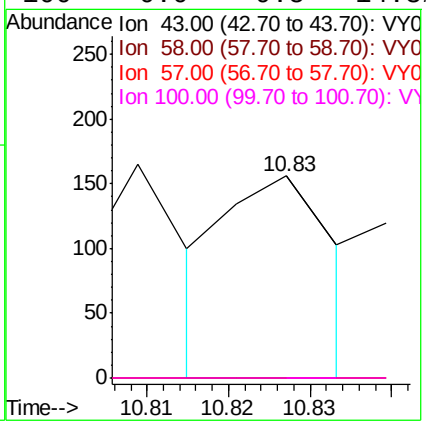


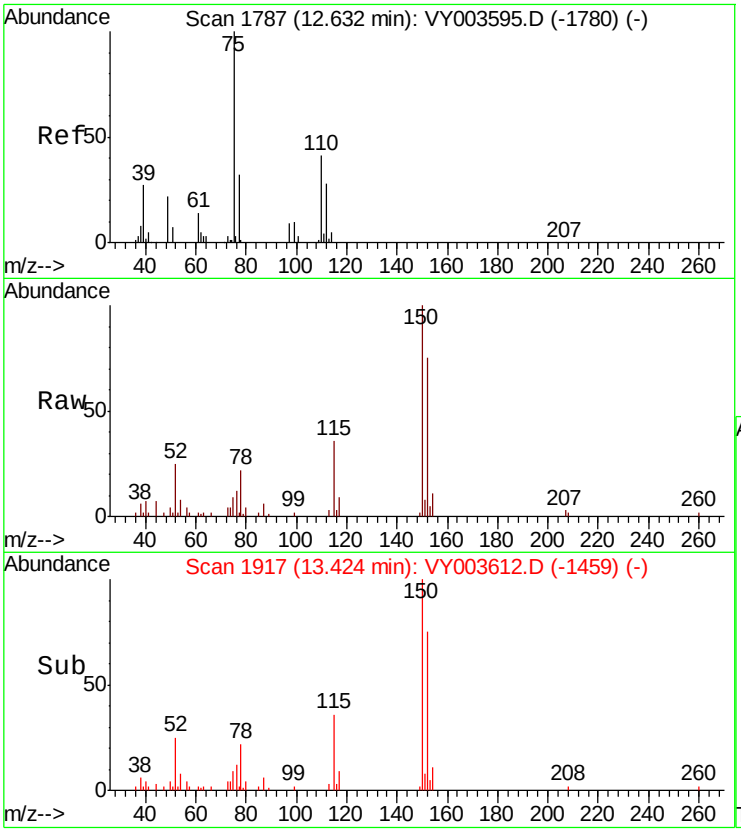


#49
2-Hexanone
Concen: 1.056 ug/L
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY003612.D
Acq: 24 Nov 2020 17:45

Tgt Ion: 43 Resp: 144

Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.1	63.1#
57	0.0	14.2	21.2#
100	0.0	9.5	14.3#



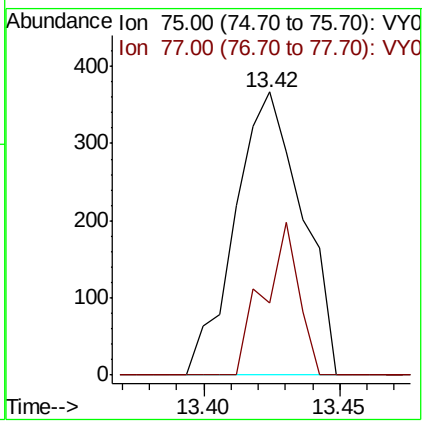


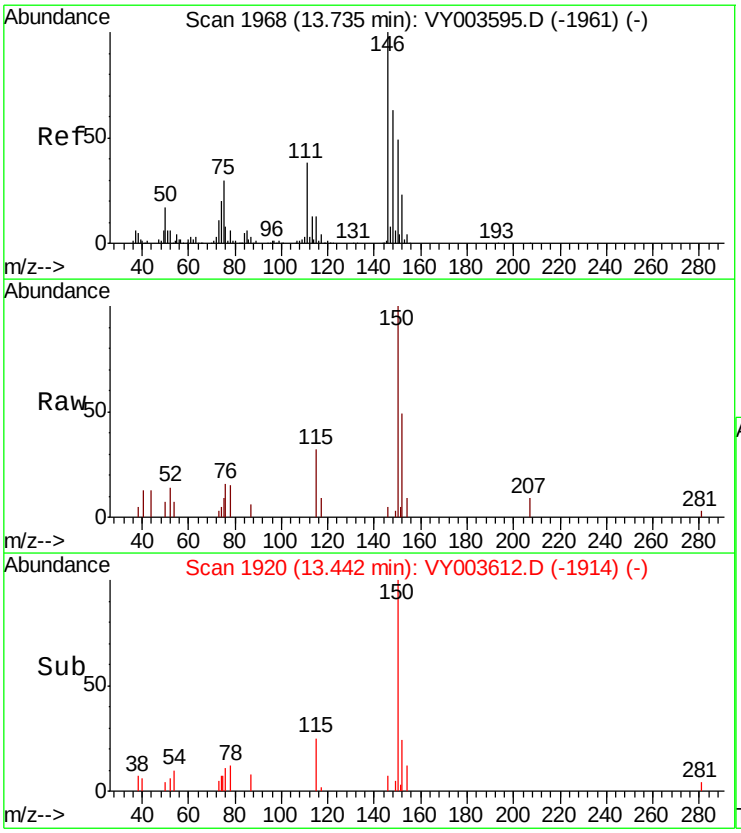
#59
1,2,3-Trichloropropane
Concen: 4.123 ug/L
RT: 13.42 min Scan# 1917
Delta R.T. 0.79 min
Lab File: VY003612.D
Acq: 24 Nov 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 624

Ion	Ratio	Lower	Upper
75	100		
77	28.5	26.2	39.2





#65
1,2-Dichlorobenzene
Concen: 0.202 ug/L
RT: 13.44 min Scan# 1920
Delta R.T. -0.29 min
Lab File: VY003612.D
Acq: 24 Nov 2020 17:45

Tgt Ion:146 Resp: 52

Ion	Ratio	Lower	Upper
146	100		
111	0.0	31.0	46.6#
148	0.0	49.8	74.8#