Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121820\
Data File : VY003821.D
Acq On : 18 Dec 2020 16:45
Operator : SY/MD
Sample : L5151-06RE
Misc : 2.96G/10ML/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Dec 19 00:19:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 19 00:17:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	295755	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	242092	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	80338	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	67204	16.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.60%			
7) Chloroethane-d5	2.77	69	54152	18.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.00%			
10) 1,1-Dichloroethene-d2	3.86	63	97833	11.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 46.16%			
20) 2-Butanone-d5	6.90	46	26080	14.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 29.66%			
24) Chloroform-d	7.49	84	129492	16.86	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 67.44%			
26) 1,2-Dichloroethane-d4	8.15	65	62840	14.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 57.88%#			
29) Benzene-d6	8.12	84	284672	20.32	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.28%			
33) 1,2-Dichloropropane-d6	9.12	67	82564	18.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 75.68%			
37) Toluene-d8	10.18	98	252395	19.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.60%			
38) trans-1,3-Dichloropropene-	10.44	79	31649	14.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 59.52%			
39) 2-Hexanone-d5	10.79	63	22234	18.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 36.96%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	48826	12.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 51.20%			
61) 1,2-Dichlorobenzene-d4	13.72	152	56257	19.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 78.00%			
Target Compounds						Qvalue
16) Methylene chloride	4.73	84	15691	2.955	ug/L	90
21) 2-Butanone	6.96	43	4433	2.103	ug/L #	49
35) Trichloroethene	8.69	95	8245	1.994	ug/L #	4
40) 1,2-Dichloropropane	9.12	63	8552	2.142	ug/L #	87
42) cis-1,3-Dichloropropene	9.89	75	2610	0.411	ug/L #	70
49) 2-Hexanone	10.82	43	1355	0.510	ug/L #	43
59) 1,2,3-Trichloropropane	13.42	75	9554	2.998	ug/L	97

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

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Quant Title : VOC Analysis
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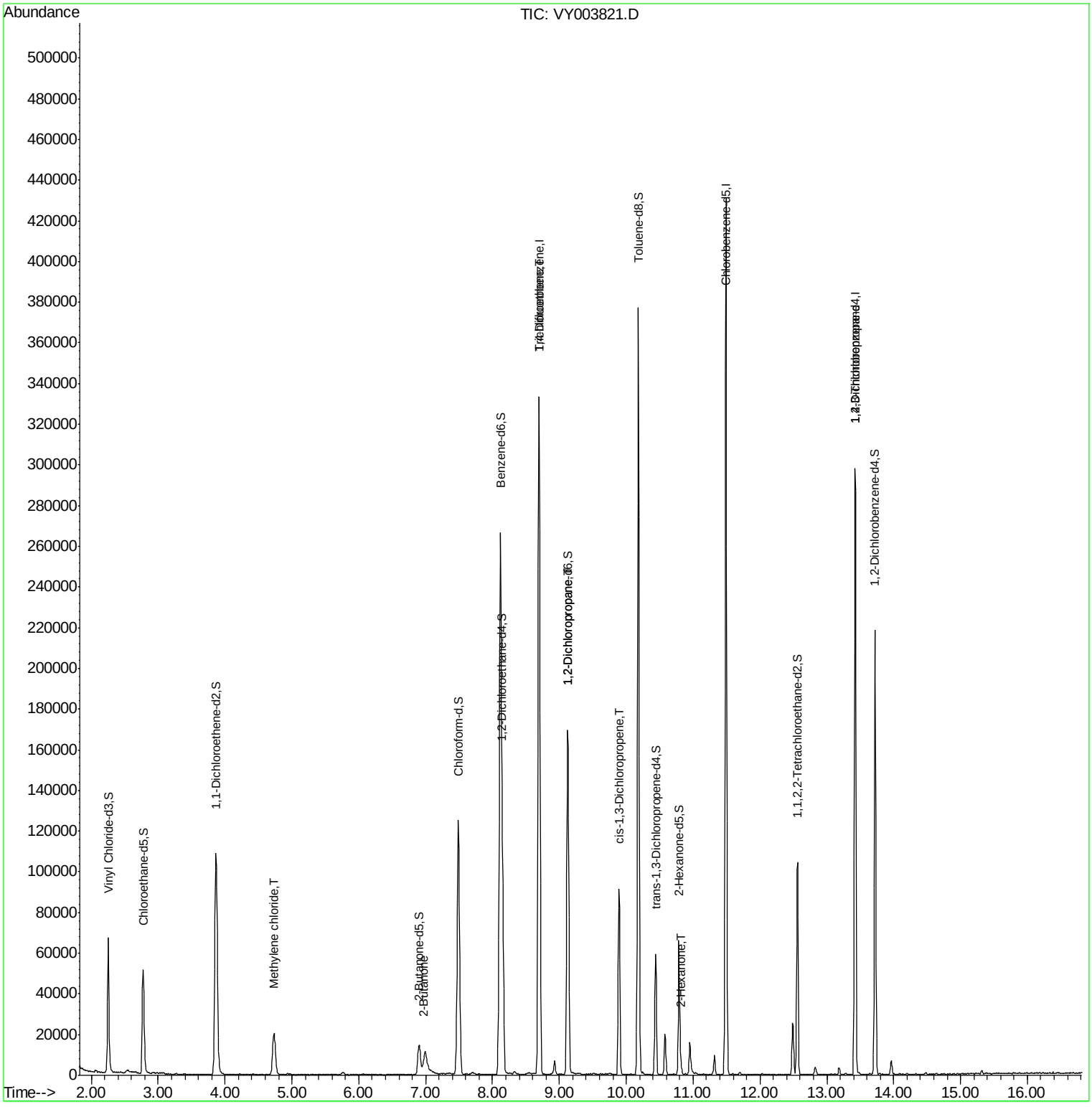
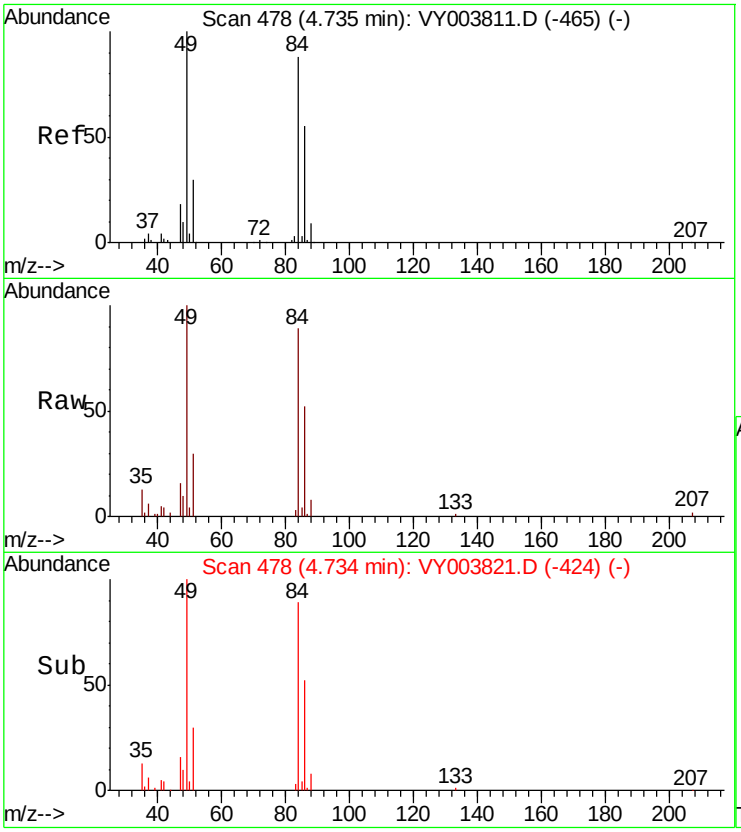


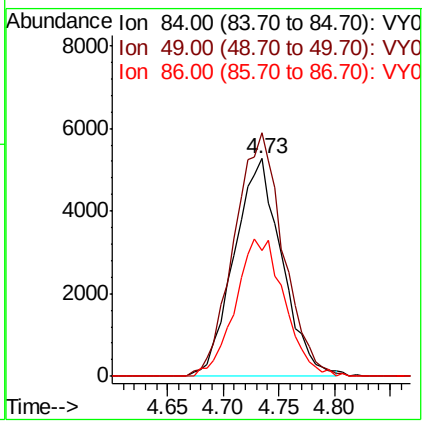


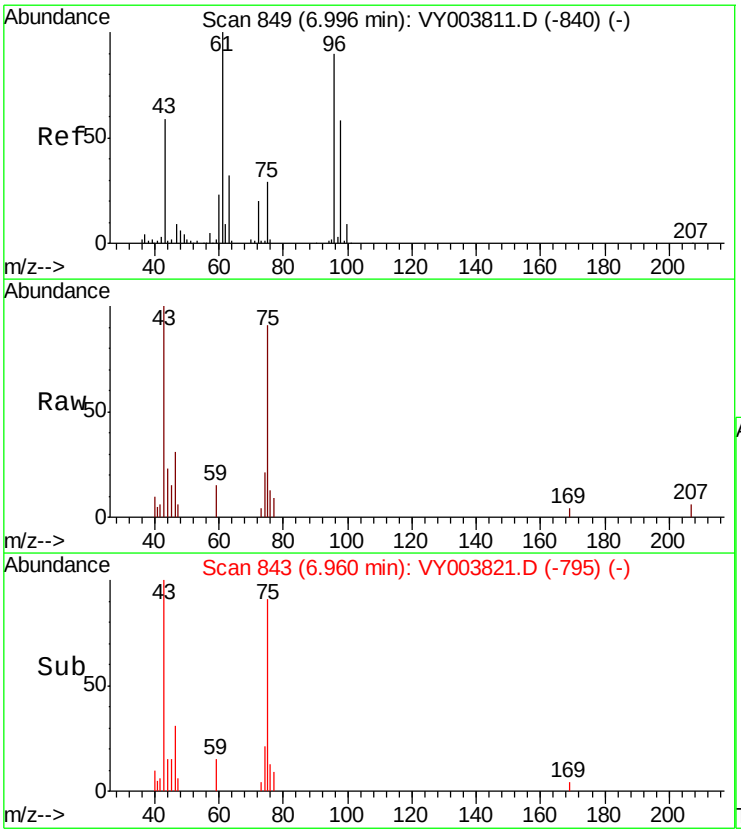
#16
Methylene chloride
Concen: 2.955 ug/L
RT: 4.73 min Scan# 478
Delta R.T. -0.00 min
Lab File: VY003821.D
Acq: 18 Dec 2020 16:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 15691

Ion	Ratio	Lower	Upper
84	100		
49	111.9	88.2	163.8
86	57.7	43.0	79.8

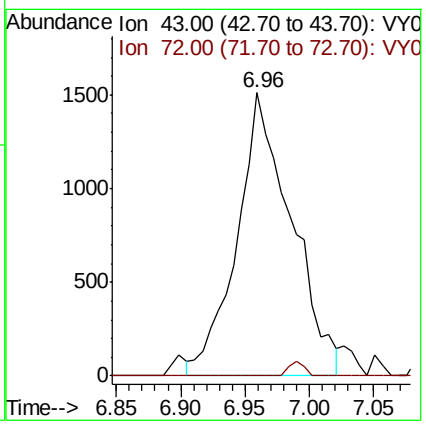


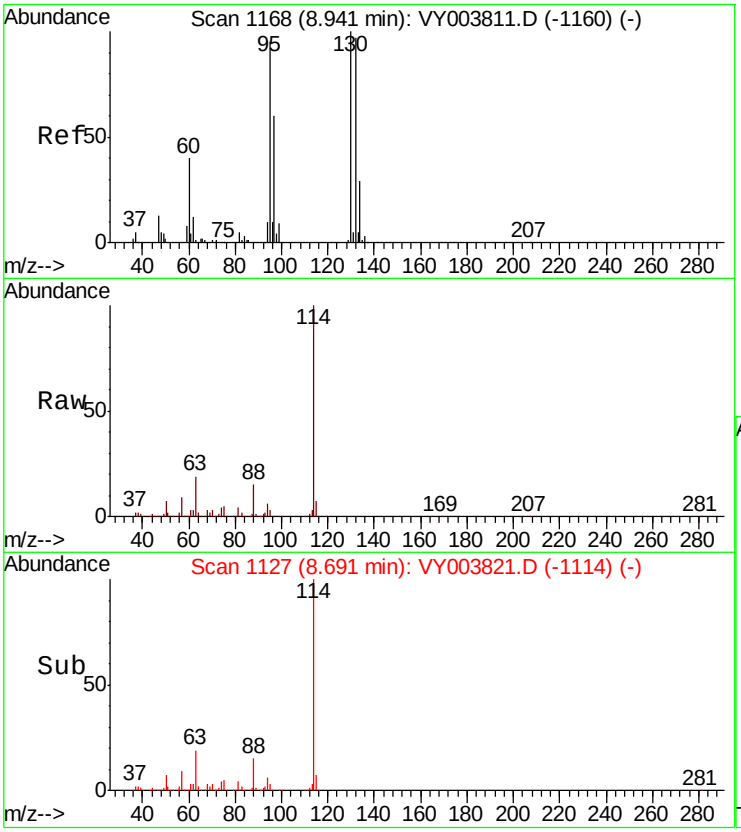


#21
2-Butanone
Concen: 2.103 ug/L
RT: 6.96 min Scan# 843
Delta R.T. -0.04 min
Lab File: VY003821.D
Acq: 18 Dec 2020 16:45

Tgt Ion: 43 Resp: 4433

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.0	39.0#



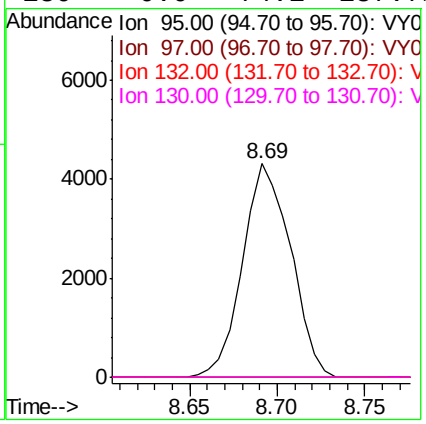


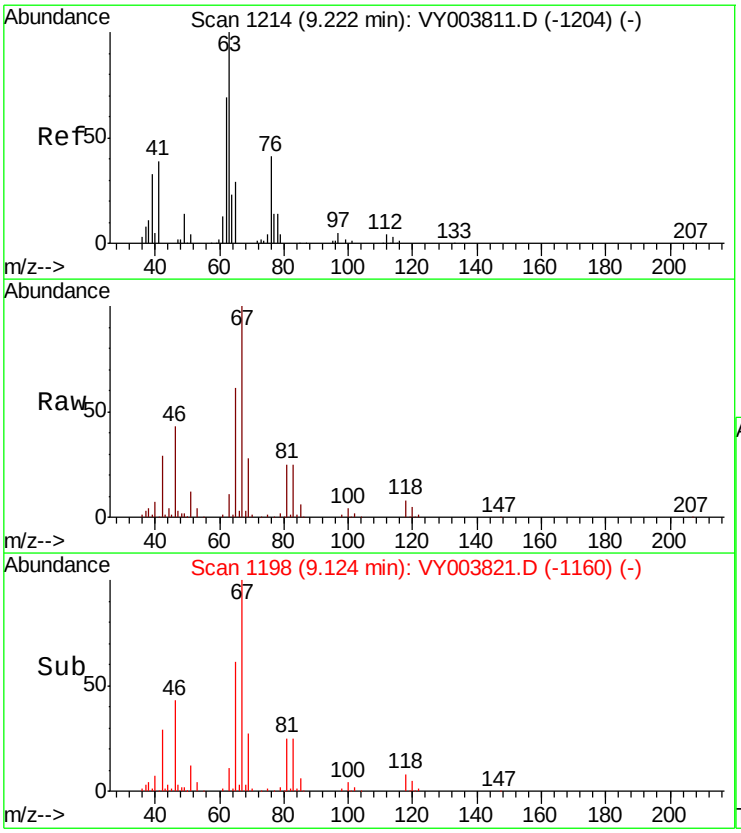
#35
Trichloroethene
Concen: 1.994 ug/L
RT: 8.69 min Scan# 1127
Delta R.T. -0.25 min
Lab File: VY003821.D
Acq: 18 Dec 2020 16:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 8245

Ion	Ratio	Lower	Upper
95	100		
97	1.0	45.4	84.4#
132	1.4	70.8	131.4#
130	0.0	74.1	137.7#

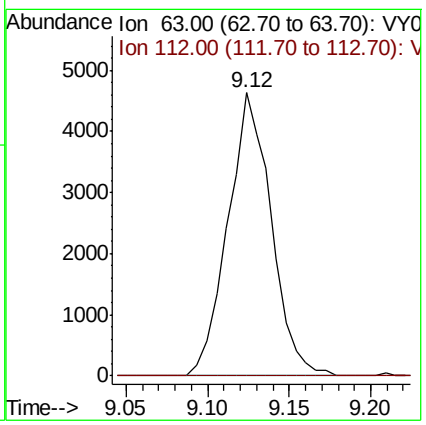


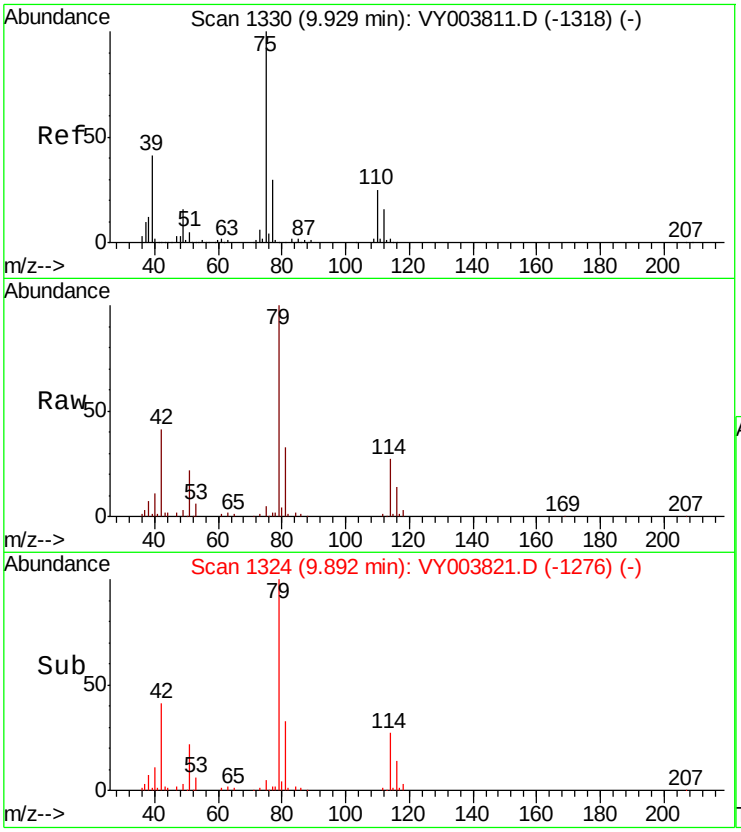


#40
1,2-Dichloropropane
Concen: 2.142 ug/L
RT: 9.12 min Scan# 1198
Delta R.T. -0.10 min
Lab File: VY003821.D
Acq: 18 Dec 2020 16:45

Tgt Ion: 63 Resp: 8552

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



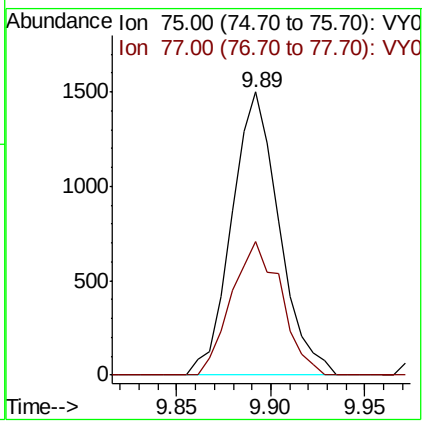


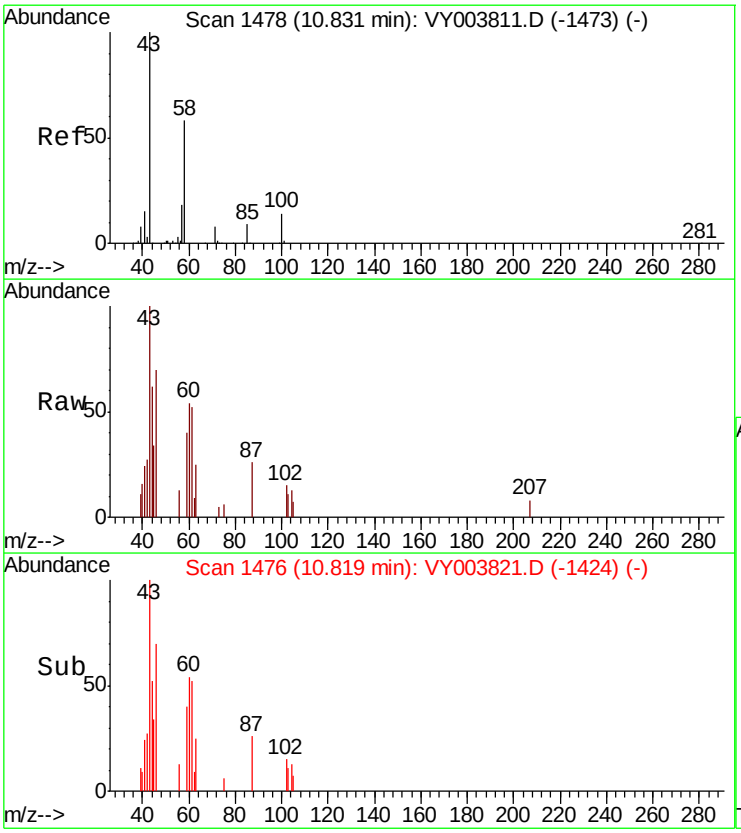
#42
cis-1,3-Dichloropropene
Concen: 0.411 ug/L
RT: 9.89 min Scan# 1324
Delta R.T. -0.04 min
Lab File: VY003821.D
Acq: 18 Dec 2020 16:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2610

Ion	Ratio	Lower	Upper
75	100		
77	47.1	21.3	39.6#

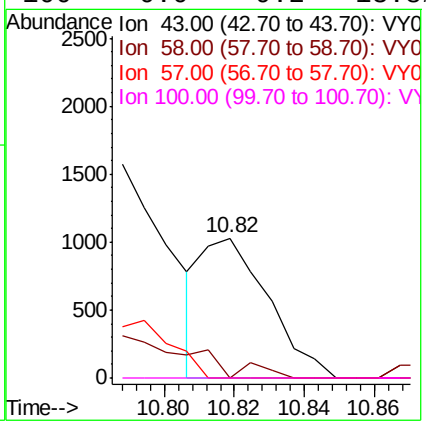


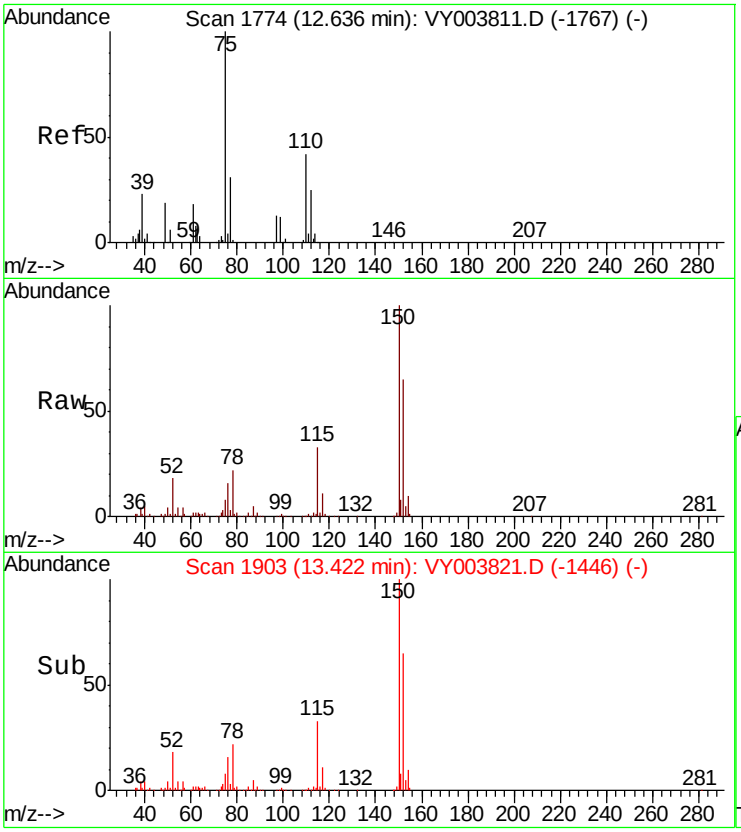


#49
2-Hexanone
Concen: 0.510 ug/L
RT: 10.82 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VY003821.D
Acq: 18 Dec 2020 16:45

Tgt Ion: 43 Resp: 1355

Ion	Ratio	Lower	Upper
43	100		
58	4.6	43.0	64.4#
57	0.0	14.1	21.1#
100	0.0	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 2.998 ug/L
RT: 13.42 min Scan# 1903
Delta R.T. 0.79 min
Lab File: VY003821.D
Acq: 18 Dec 2020 16:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 9554

Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.5	38.3