Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121820\
Data File : VY003812.D
Acq On : 18 Dec 2020 11:23
Operator : SY/MD
Sample : VY1218SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Dec 19 00:18:09 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	244882	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	233889	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	114233	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	85605	25.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.48%			
7) Chloroethane-d5	2.77	69	64636	25.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.76%			
10) 1,1-Dichloroethene-d2	3.86	63	111943	15.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.76%			
20) 2-Butanone-d5	6.90	46	53028	36.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.82%			
24) Chloroform-d	7.49	84	145290	22.84	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.36%			
26) 1,2-Dichloroethane-d4	8.15	65	81877	22.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.08%			
29) Benzene-d6	8.12	84	327628	24.20	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.80%			
33) 1,2-Dichloropropane-d6	9.13	67	93043	22.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.28%			
37) Toluene-d8	10.18	98	301360	24.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.40%			
38) trans-1,3-Dichloropropene-	10.44	79	45032	21.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.68%			
39) 2-Hexanone-d5	10.79	63	47050	40.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.94%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	78980	21.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.72%			
61) 1,2-Dichlorobenzene-d4	13.72	152	109065	26.58	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.32%			
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	3.87	101	845	0.237	ug/L #	19
14) Carbon disulfide	4.20	76	2947	0.247	ug/L #	94
36) Methylcyclohexane	9.12	83	22435	3.316	ug/L #	19
42) cis-1,3-Dichloropropene	9.90	75	3782	0.617	ug/L #	79
59) 1,2,3-Trichloropropane	13.42	75	13848	4.498	ug/L	94
68) 1,2,4-trichlorobenzene	15.01	180	737	0.168	ug/L	92

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

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MSVOA_Y
ClientSampleId :

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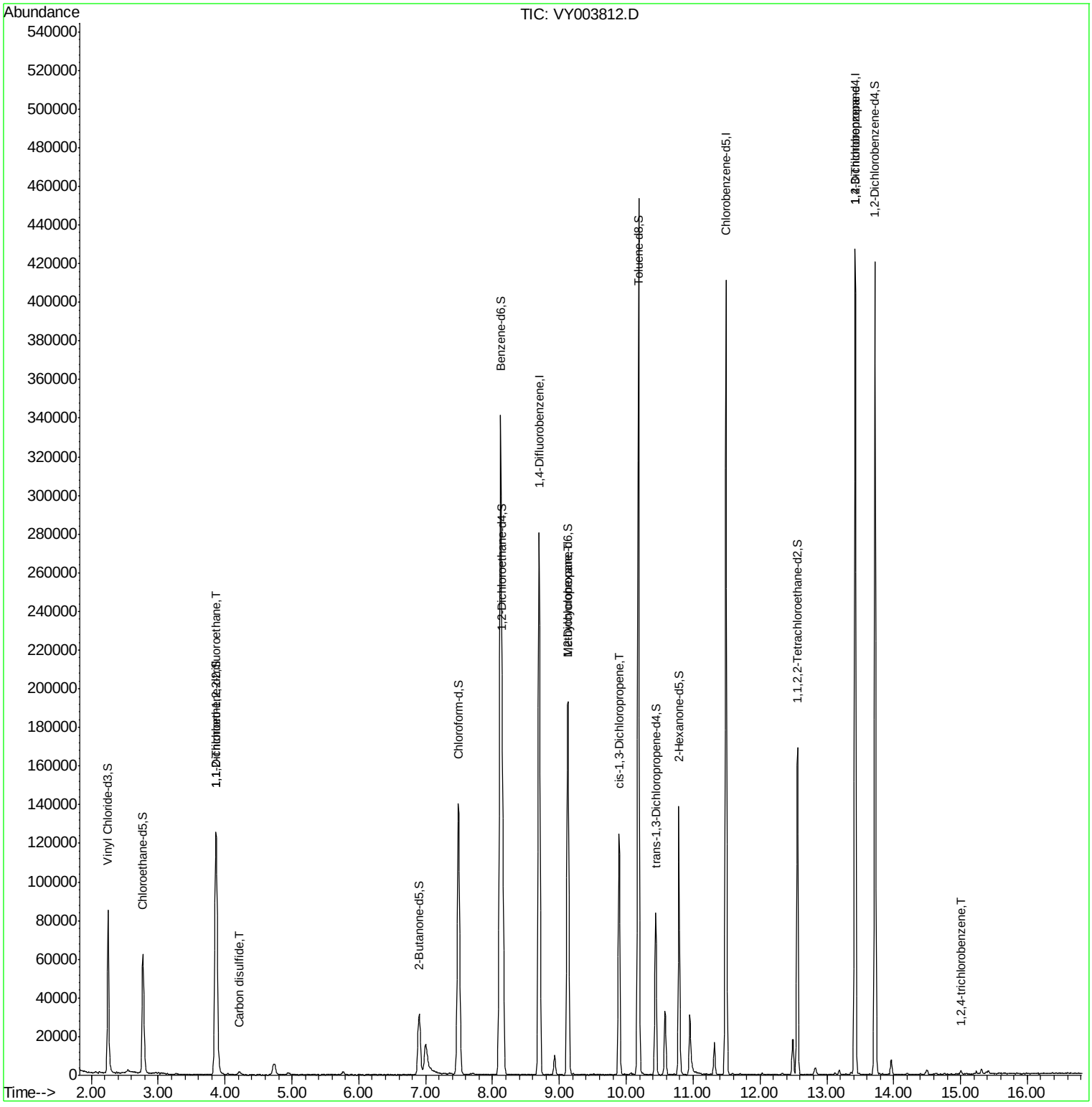
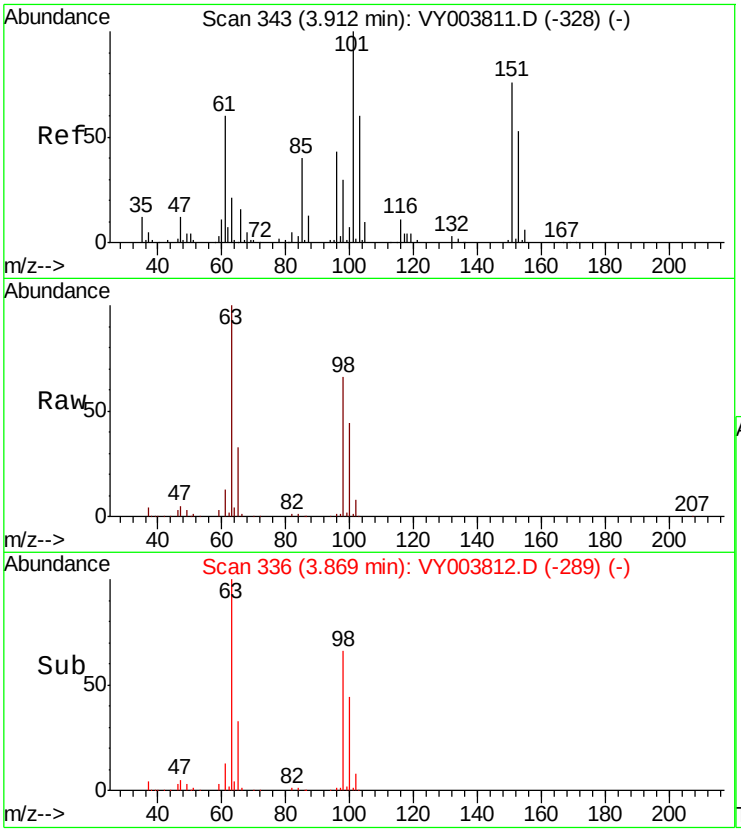
Quant Title : VOC Analysis
QLast Update : Sat Dec 19 00:17:11 2020
Response via : Initial Calibration



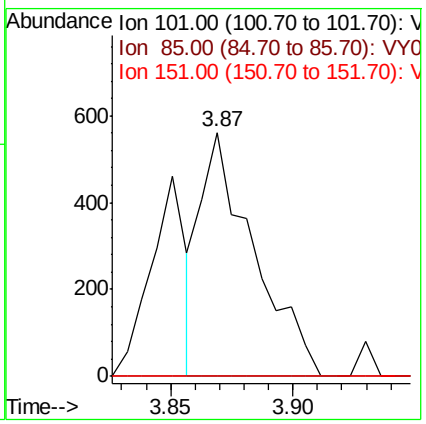


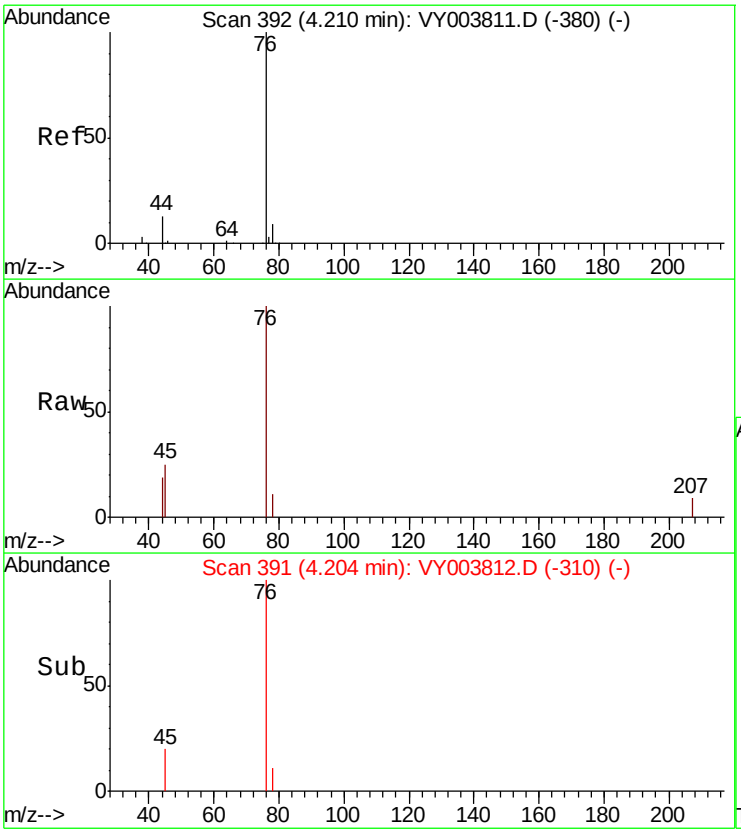
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.237 ug/L
RT: 3.87 min Scan# 336
Delta R.T. -0.04 min
Lab File: VY003812.D
Acq: 18 Dec 2020 11:23

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 845

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.6#
151	0.0	62.1	93.1#

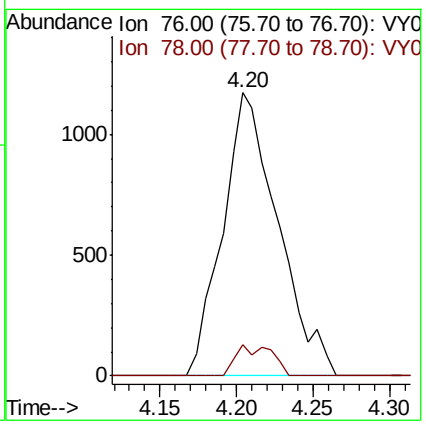


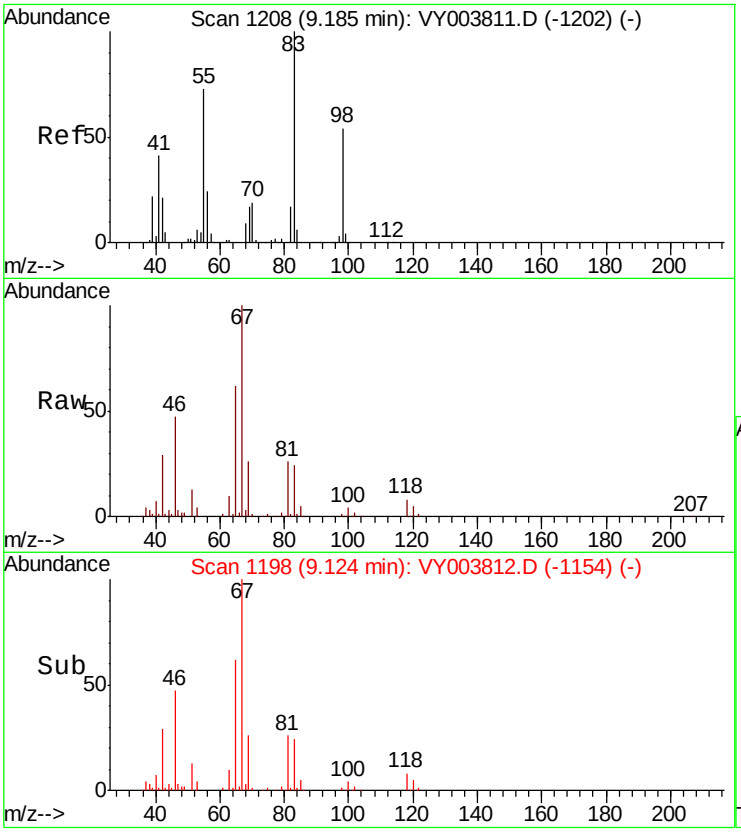


#14
Carbon disulfide
Concen: 0.247 ug/L
RT: 4.20 min Scan# 391
Delta R.T. -0.01 min
Lab File: VY003812.D
Acq: 18 Dec 2020 11:23

Tgt Ion: 76 Resp: 2947

Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.0	10.6#



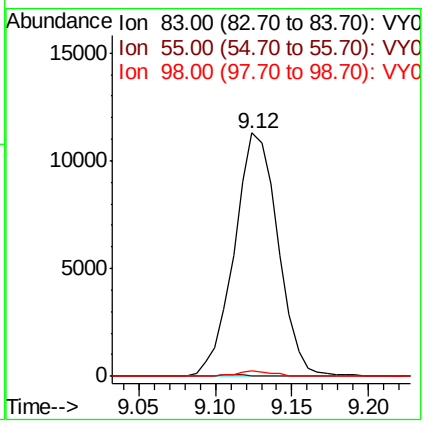


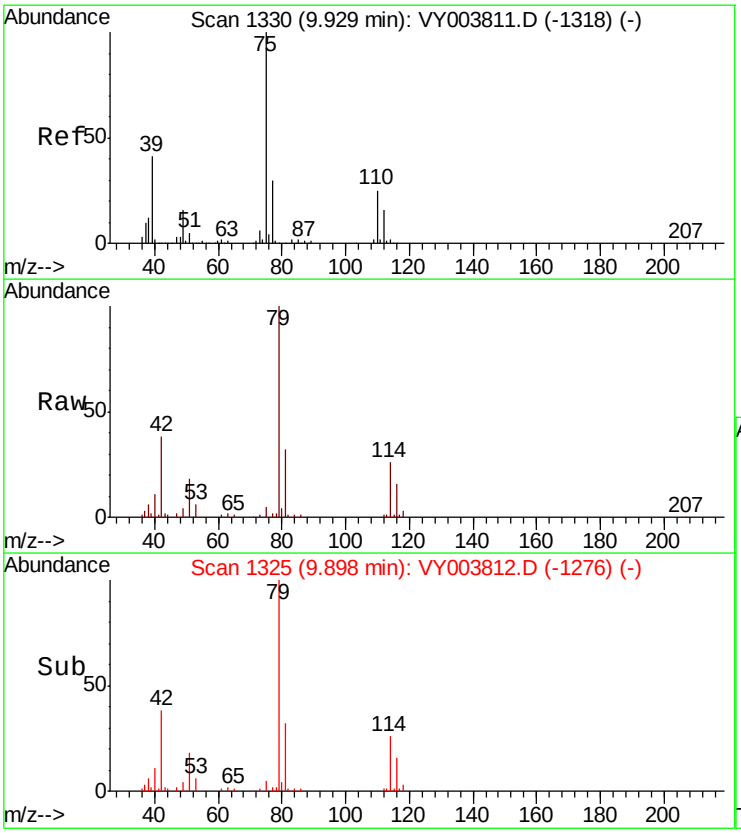
#36
Methylcyclohexane
Concen: 3.316 ug/L
RT: 9.12 min Scan# 1198
Delta R.T. -0.06 min
Lab File: VY003812.D
Acq: 18 Dec 2020 11:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 22435

Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.3	90.5#
98	1.8	40.4	60.6#

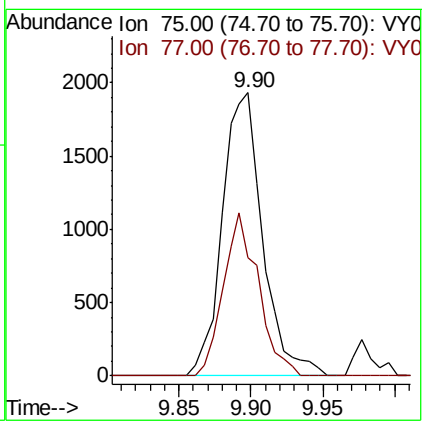


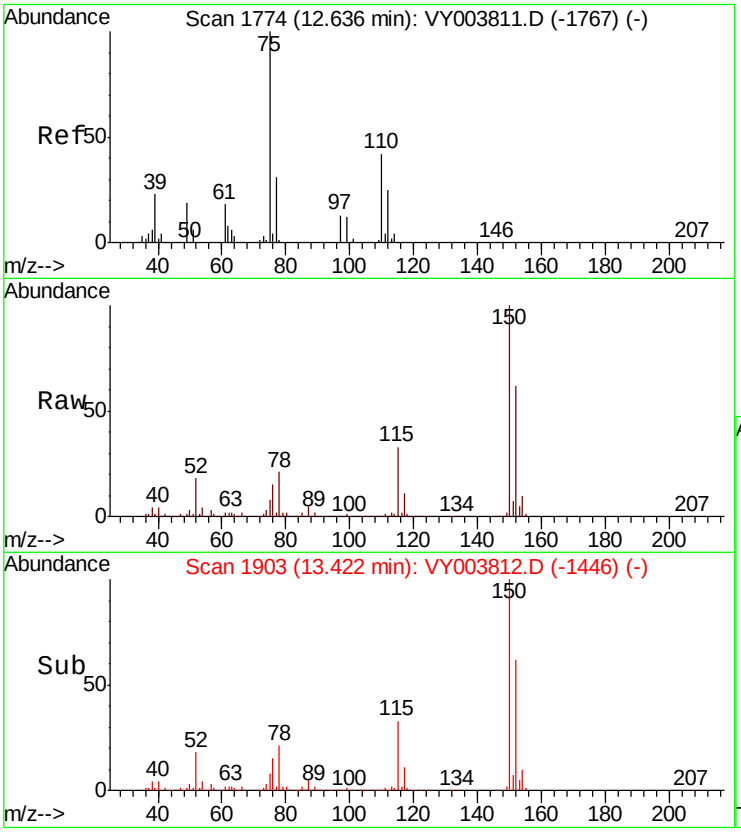


#42
cis-1,3-Dichloropropene
Concen: 0.617 ug/L
RT: 9.90 min Scan# 1325
Delta R.T. -0.03 min
Lab File: VY003812.D
Acq: 18 Dec 2020 11:23

Tgt Ion: 75 Resp: 3782

Ion	Ratio	Lower	Upper
75	100		
77	42.0	21.3	39.6#



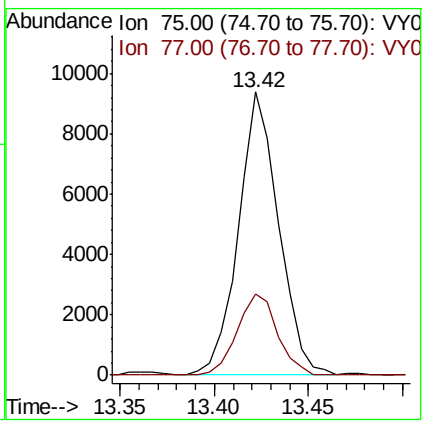


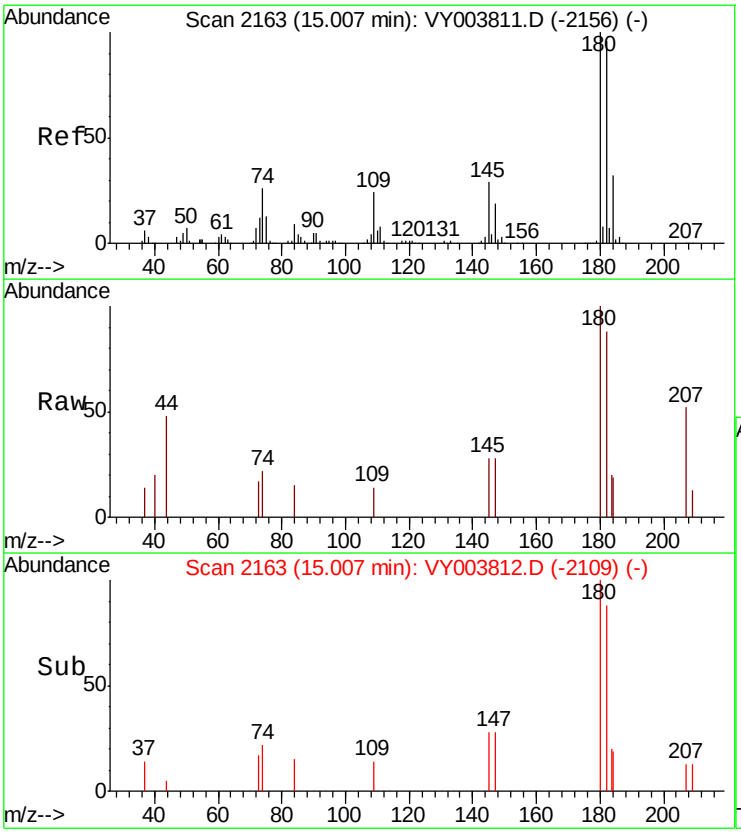
#59
1,2,3-Trichloropropane
Concen: 4.498 ug/L
RT: 13.42 min Scan# 1903
Delta R.T. 0.79 min
Lab File: VY003812.D
Acq: 18 Dec 2020 11:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 13848

Ion	Ratio	Lower	Upper
75	100		
77	28.7	25.5	38.3





#68
1,2,4-trichlorobenzene
Concen: 0.168 ug/L
RT: 15.01 min Scan# 2163
Delta R.T. -0.00 min
Lab File: VY003812.D
Acq: 18 Dec 2020 11:23

Tgt Ion:180 Resp: 737

Ion	Ratio	Lower	Upper
180	100		
182	87.5	76.8	115.2
145	26.9	23.7	35.5