Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120820\
Data File : VY003685.D
Acq On : 08 Dec 2020 19:00
Operator : SY/MD
Sample : L4979-03
Misc : 5.36G/10ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GB1F5

Quant Time: Dec 09 02:01:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 09 01:58:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	213661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	199044	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	93063	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	73090	24.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.76%			
7) Chloroethane-d5	2.77	69	57297	25.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.56%			
10) 1,1-Dichloroethene-d2	3.86	63	109014	19.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.68%			
20) 2-Butanone-d5	6.90	46	38016	35.29	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.58%			
24) Chloroform-d	7.49	84	135783	24.70	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	8.15	65	74554	24.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.40%			
29) Benzene-d6	8.12	84	297021	25.77	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.08%			
33) 1,2-Dichloropropane-d6	9.12	67	87310	25.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.40%			
37) Toluene-d8	10.18	98	268782	26.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.08%			
38) trans-1,3-Dichloropropene-	10.44	79	40818	25.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.16%			
39) 2-Hexanone-d5	10.79	63	32148	37.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.26%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	74744	24.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.40%			
61) 1,2-Dichlorobenzene-d4	13.72	152	91089	26.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.76%			
Target Compounds						Qvalue
3) Chloromethane	2.12	50	785	0.301	ug/L	93
11) 1,1,2-Trichloro-1,2,2-trif	3.86	101	820	0.302	ug/L #	17
13) Acetone	3.96	43	5565	7.048	ug/L	93
16) Methylene chloride	4.72	84	3968	1.058	ug/L	88
21) 2-Butanone	7.00	43	1306	0.937	ug/L	93
34) Benzene	8.17	78	4558	0.400	ug/L	100
36) Methylcyclohexane	9.19	83	1610	0.336	ug/L	93
44) Toluene	10.25	91	21258	1.770	ug/L	97
53) Ethylbenzene	11.59	91	13208	1.008	ug/L	96
54) m,p-Xylene	11.70	106	1607	0.318	ug/L	96
58) 1,1,2,2-Tetrachloroethane	12.56	83	515	0.195	ug/L #	1
59) 1,2,3-Trichloropropane	13.42	75	10960	4.644	ug/L	98
69) Naphthalene	15.24	128	1274	0.182	ug/L #	83

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

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Misc : 5.36G/10ML/MSVOA_Y/SOIL
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Instrument : MSVOA_Y
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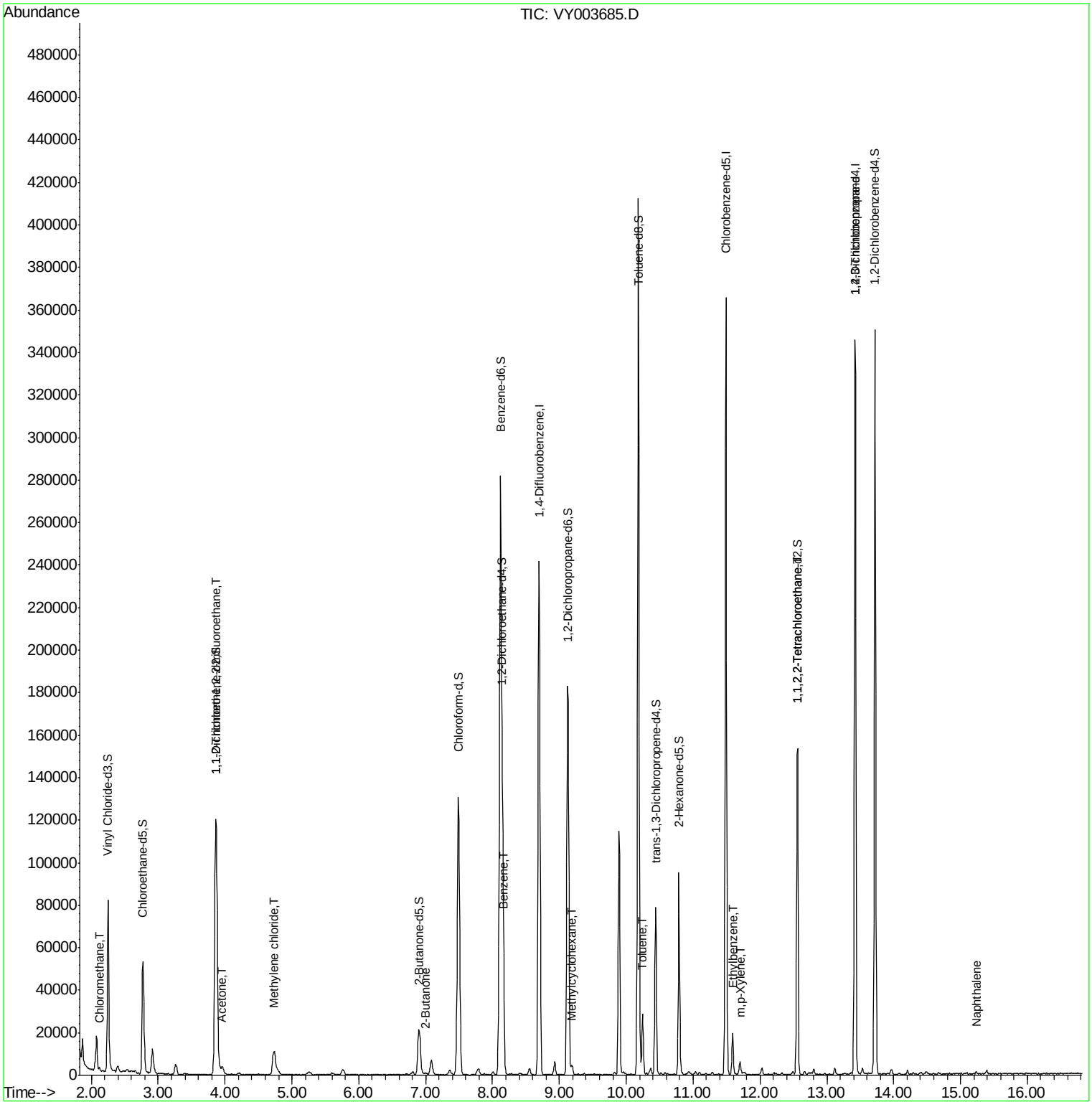
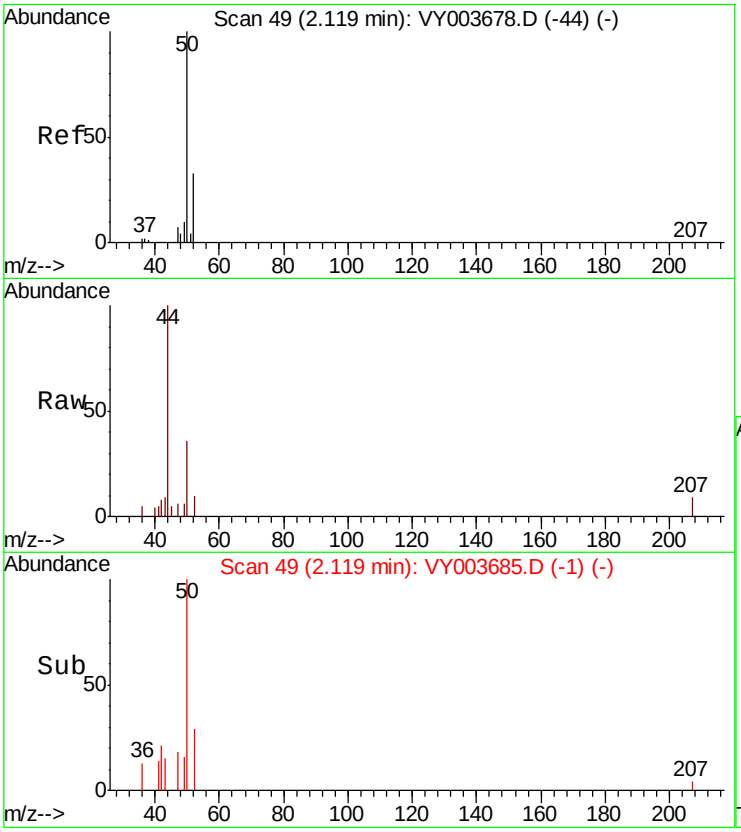
Quant Time: Dec 09 02:01:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 09 01:58:23 2020
Response via : Initial Calibration



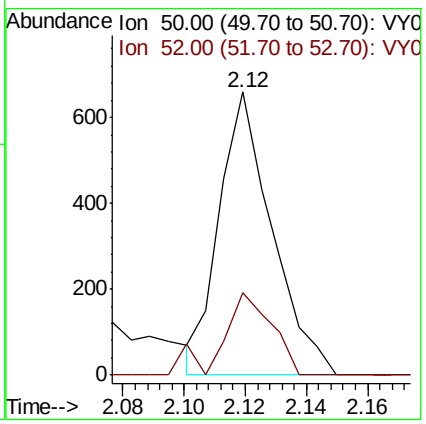


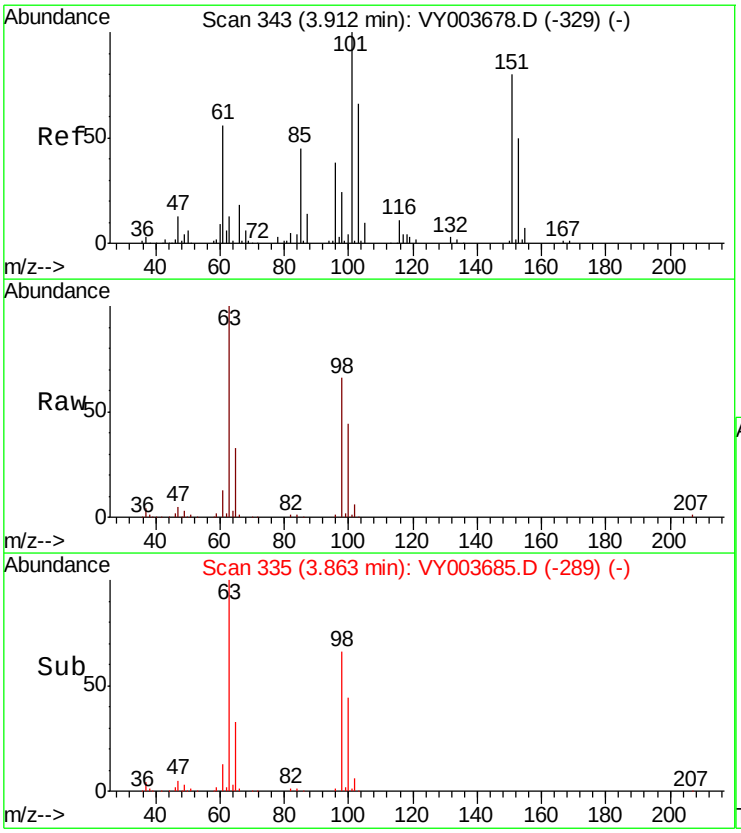
#3
Chloromethane
Concen: 0.301 ug/L
RT: 2.12 min Scan# 49
Delta R.T. -0.00 min
Lab File: VY003685.D
Acq: 08 Dec 2020 19:00

Instrument :
MSVOA_Y
ClientSampleId :
GB1F5

Tgt Ion: 50 Resp: 785

Ion	Ratio	Lower	Upper
50	100		
52	29.1	23.1	42.9

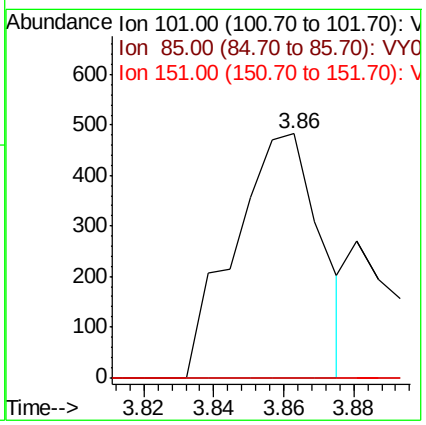


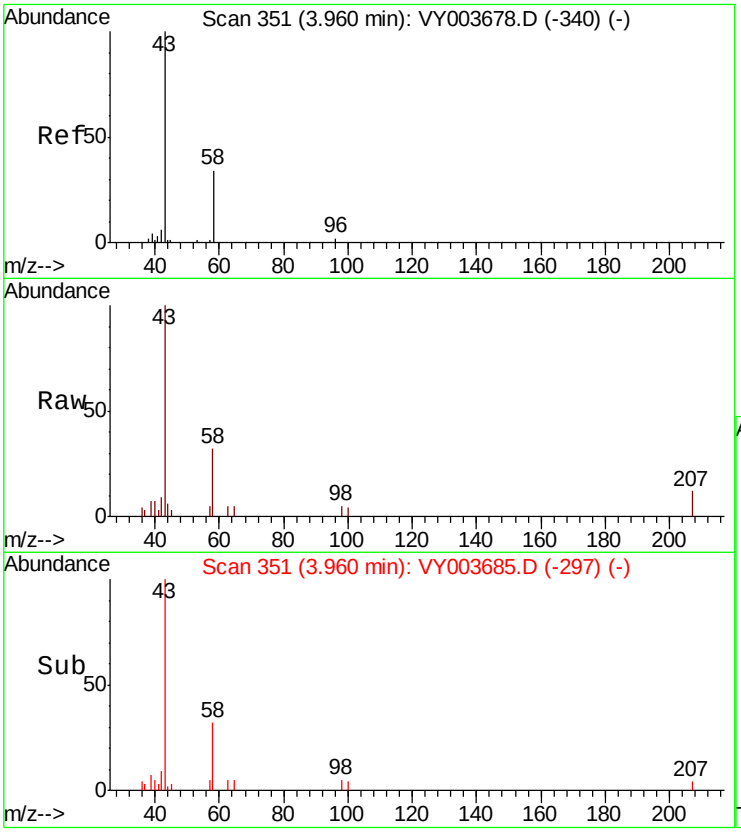


#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.302 ug/L
RT: 3.86 min Scan# 335
Delta R.T. -0.05 min
Lab File: VY003685.D
Acq: 08 Dec 2020 19:00

Tgt Ion:101 Resp: 820

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.9	50.9#
151	0.0	65.0	97.4#



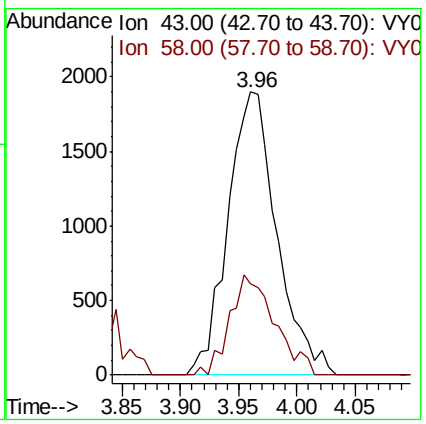


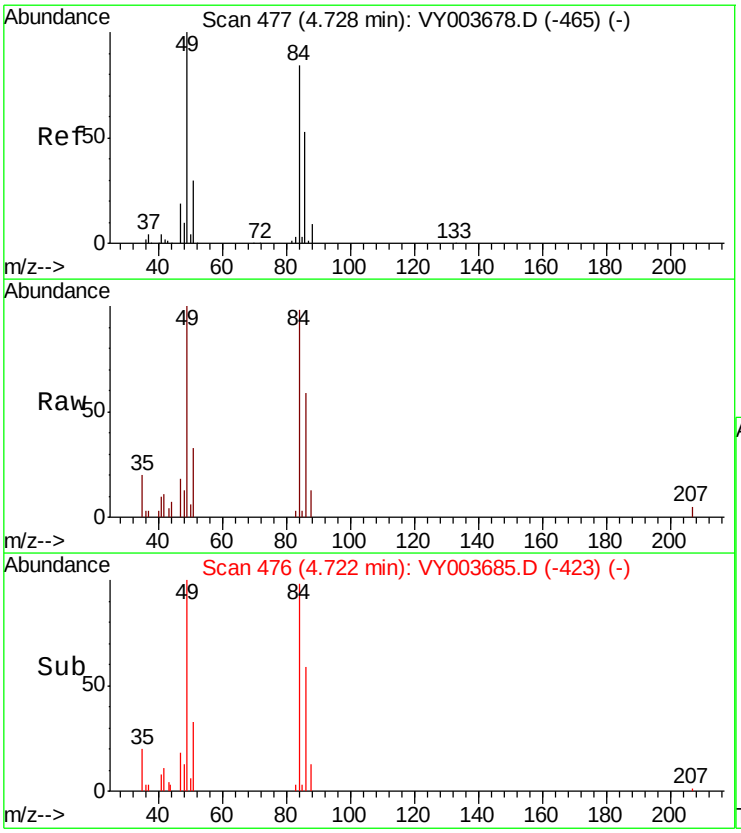
#13
Acetone
Concen: 7.048 ug/L
RT: 3.96 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003685.D
Acq: 08 Dec 2020 19:00

Instrument : MSVOA_Y
ClientSampleId : GB1F5

Tgt Ion: 43 Resp: 5565

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	68.8

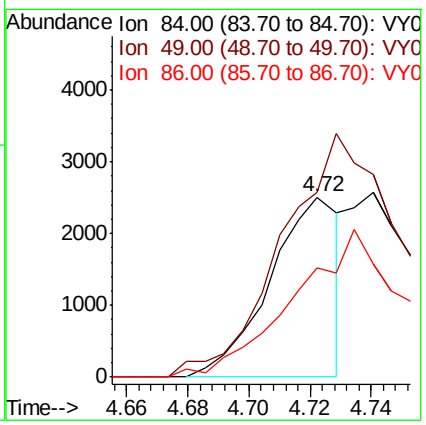


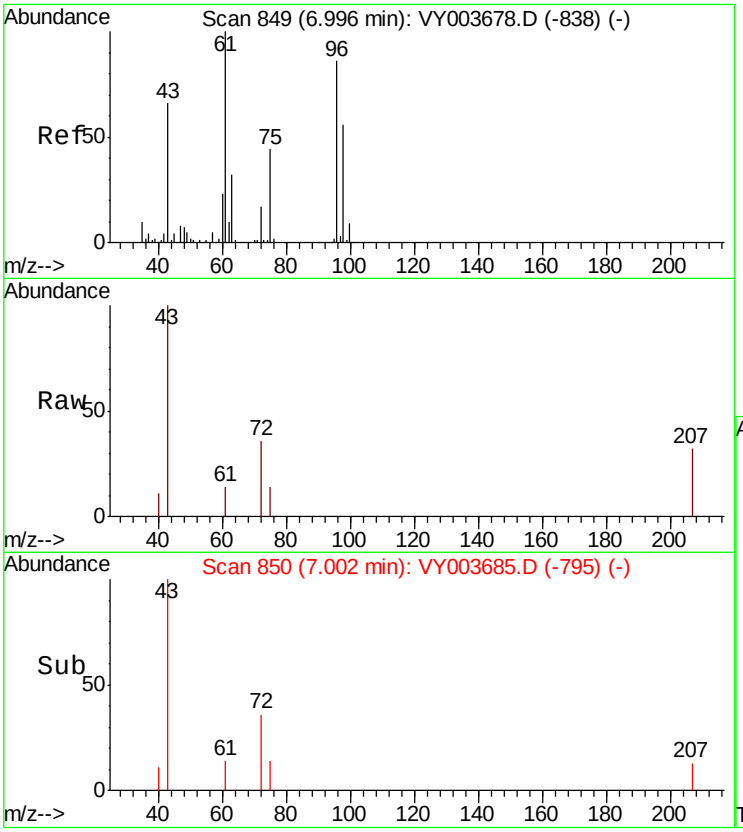


#16
Methylene chloride
Concen: 1.058 ug/L
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VY003685.D
Acq: 08 Dec 2020 19:00

Tgt Ion: 84 Resp: 3968

Ion	Ratio	Lower	Upper
84	100		
49	102.5	83.7	155.4
86	60.6	45.0	83.6



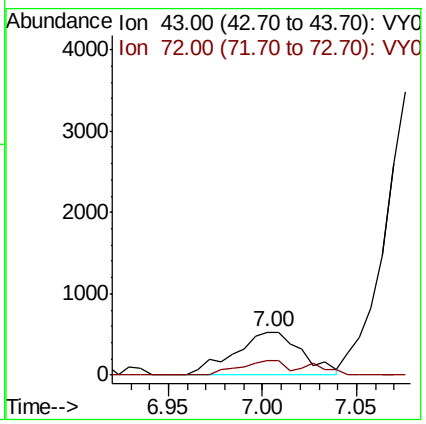


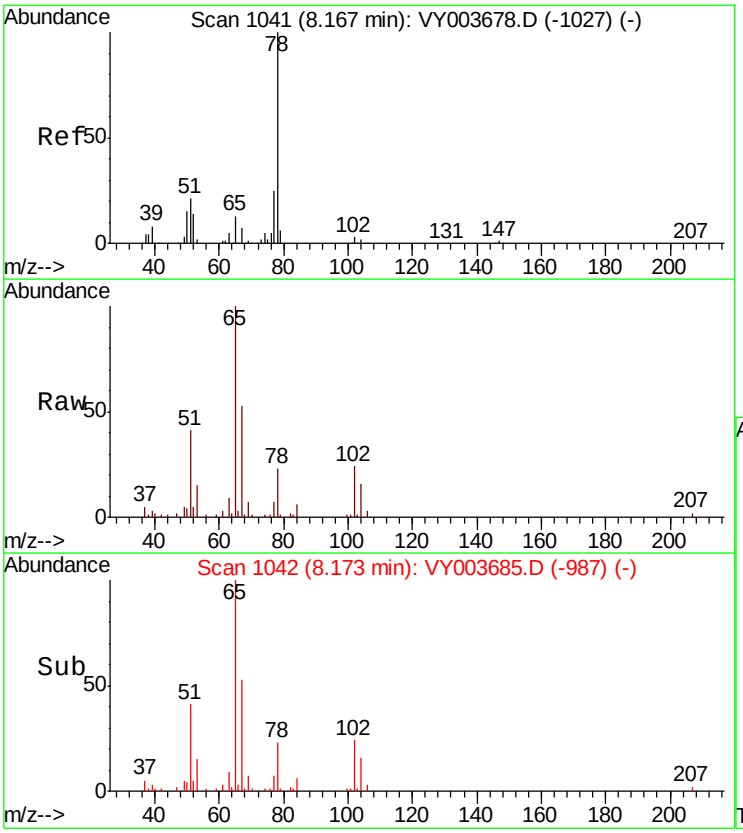
#21
2-Butanone
Concen: 0.937 ug/L
RT: 7.00 min Scan# 850
Delta R.T. 0.01 min
Lab File: VY003685.D
Acq: 08 Dec 2020 19:00

Instrument :
MSVOA_Y
ClientSampleId :
GB1F5

Tgt Ion: 43 Resp: 1306

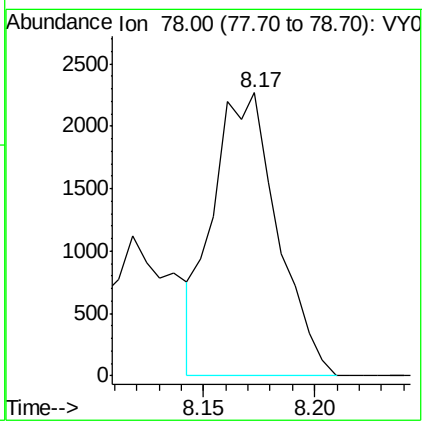
Ion	Ratio	Lower	Upper
43	100		
72	23.0	13.3	39.9

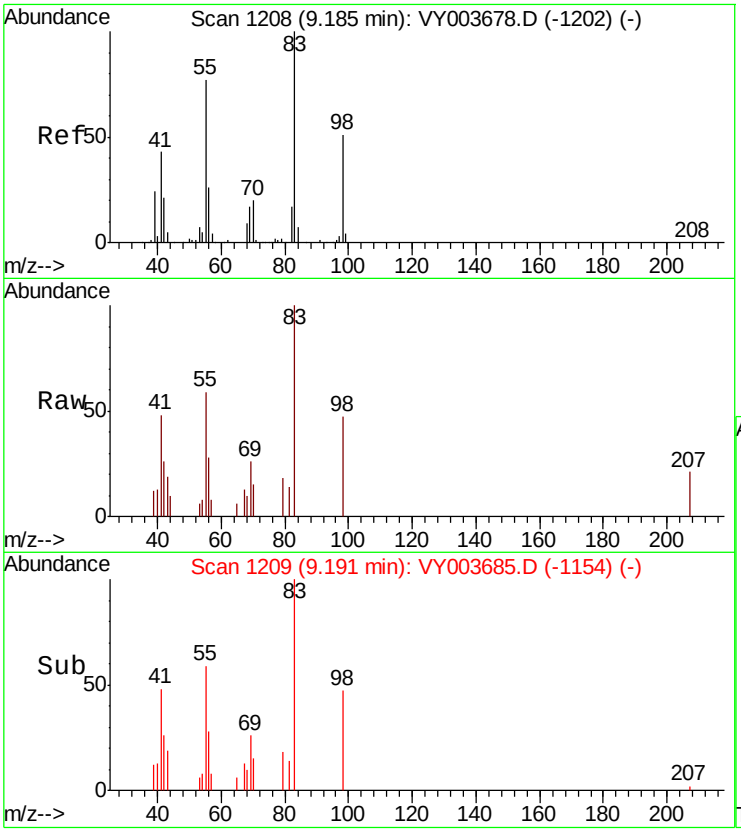




#34
Benzene
Concen: 0.400 ug/L
RT: 8.17 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VY003685.D
Acq: 08 Dec 2020 19:00

Tgt Ion: 78 Resp: 4558



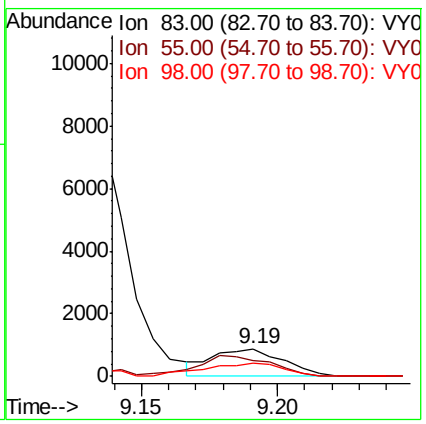


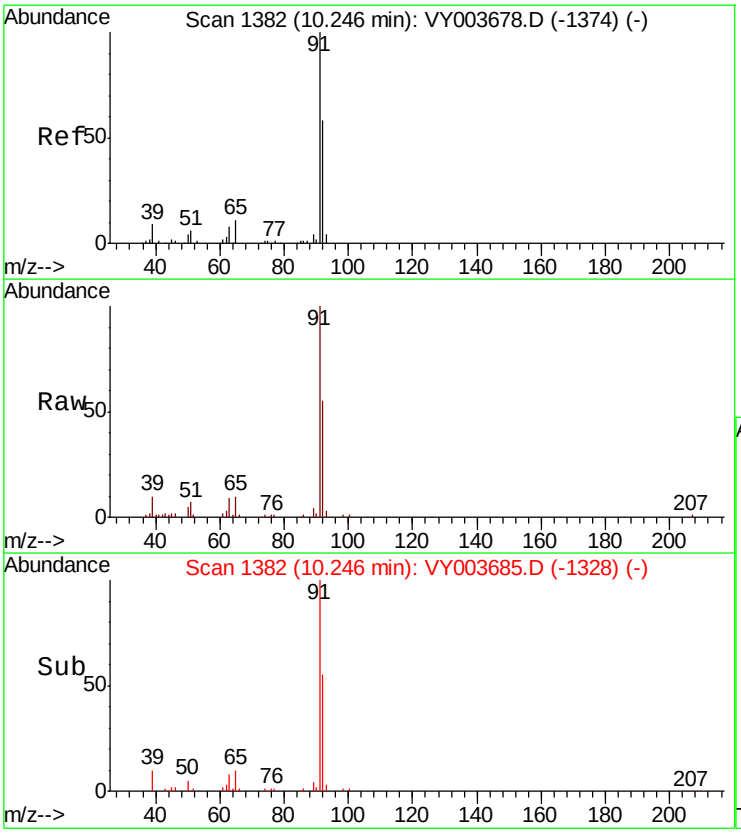
#36
Methylcyclohexane
Concen: 0.336 ug/L
RT: 9.19 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VY003685.D
Acq: 08 Dec 2020 19:00

Instrument : MSVOA_Y
ClientSampleId : GB1F5

Tgt Ion: 83 Resp: 1610

Ion	Ratio	Lower	Upper
83	100		
55	77.8	56.4	84.6
98	52.7	40.3	60.5

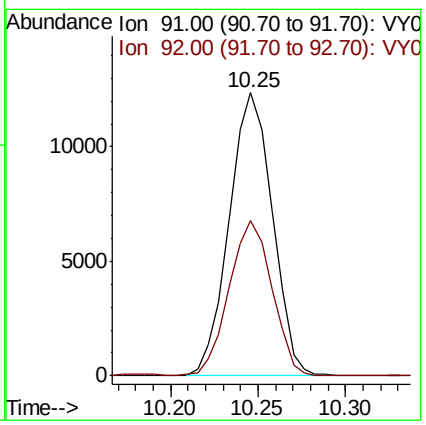


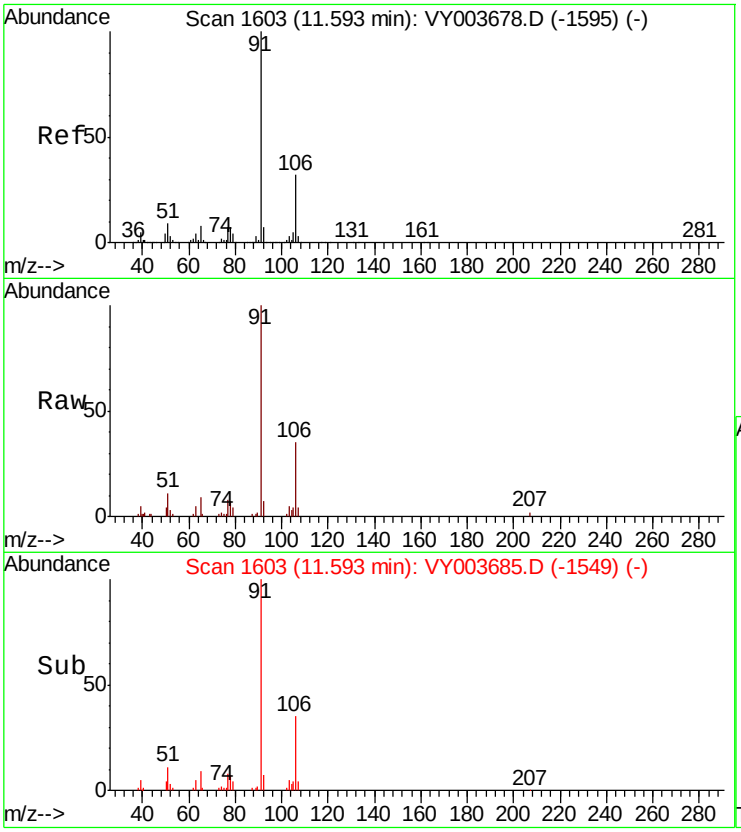


#44
Toluene
Concen: 1.770 ug/L
RT: 10.25 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VY003685.D
Acq: 08 Dec 2020 19:00

Tgt Ion: 91 Resp: 21258

Ion	Ratio	Lower	Upper
91	100		
92	54.7	39.8	73.8



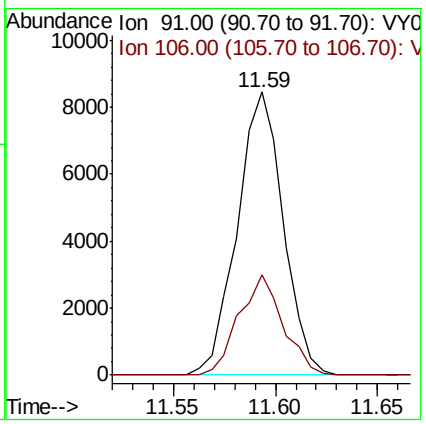


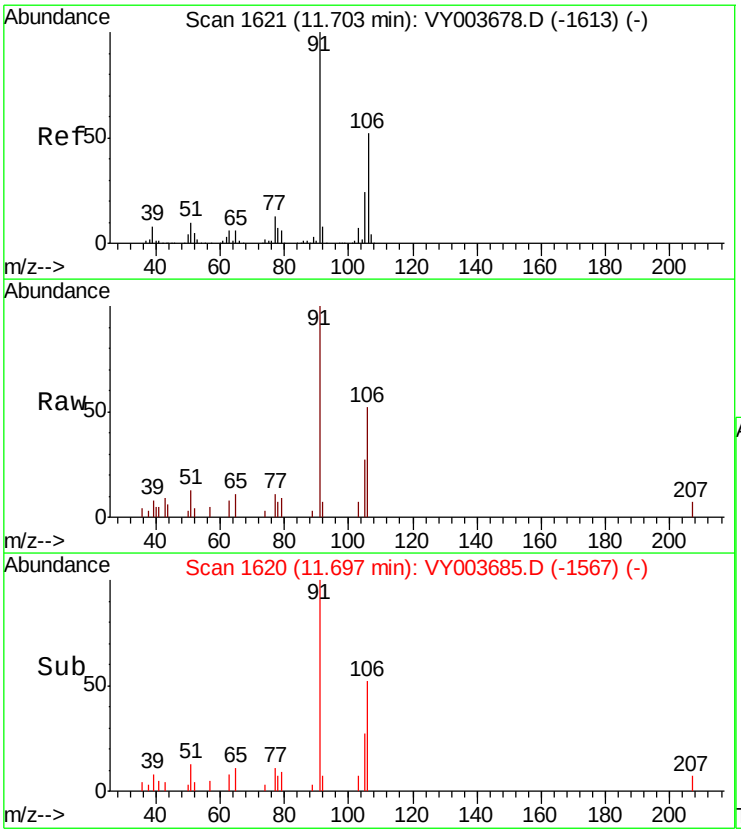
#53
Ethylbenzene
Concen: 1.008 ug/L
RT: 11.59 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VY003685.D
Acq: 08 Dec 2020 19:00

Instrument : MSVOA_Y
ClientSampleId : GB1F5

Tgt Ion: 91 Resp: 13208

Ion	Ratio	Lower	Upper
91	100		
106	35.3	23.3	43.3

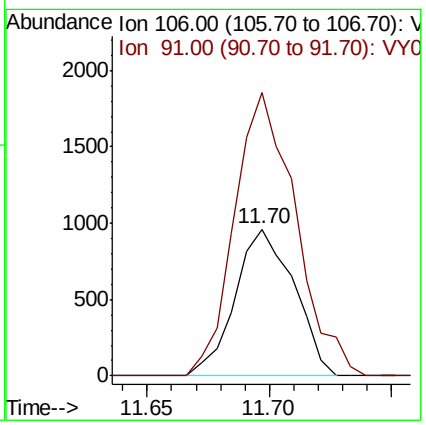


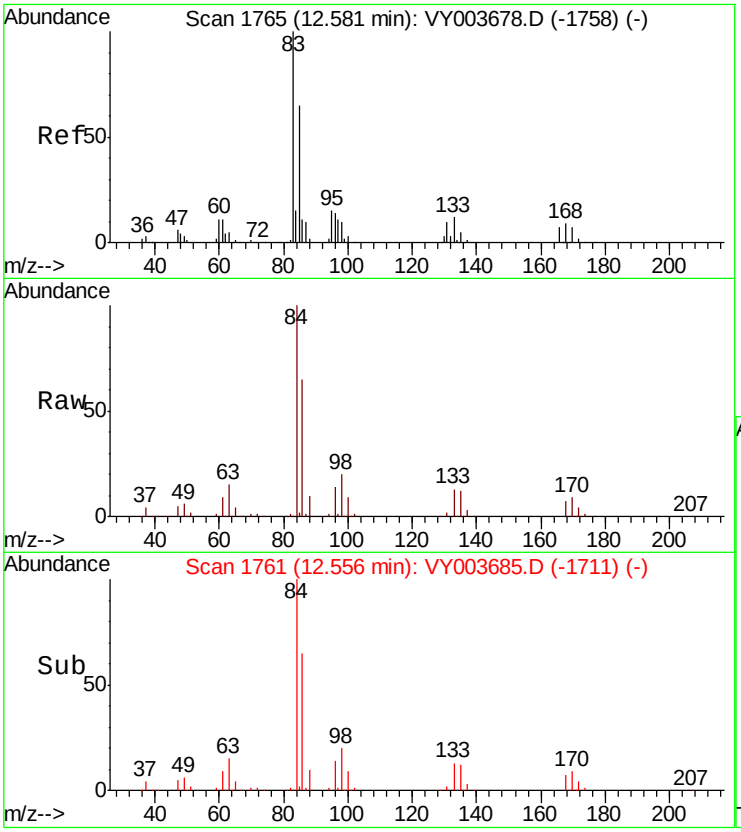


#54
m,p-Xylene
Concen: 0.318 ug/L
RT: 11.70 min Scan# 1620
Delta R.T. -0.01 min
Lab File: VY003685.D
Acq: 08 Dec 2020 19:00

Tgt Ion:106 Resp: 1607

Ion	Ratio	Lower	Upper
106	100		
91	193.1	131.3	243.9



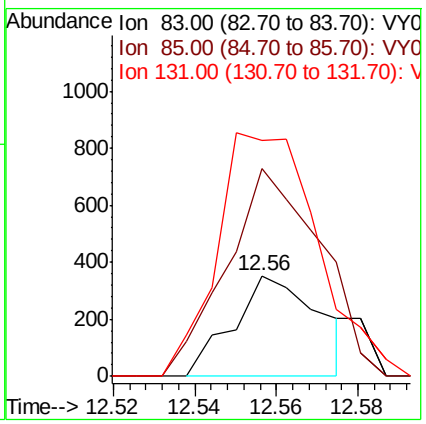


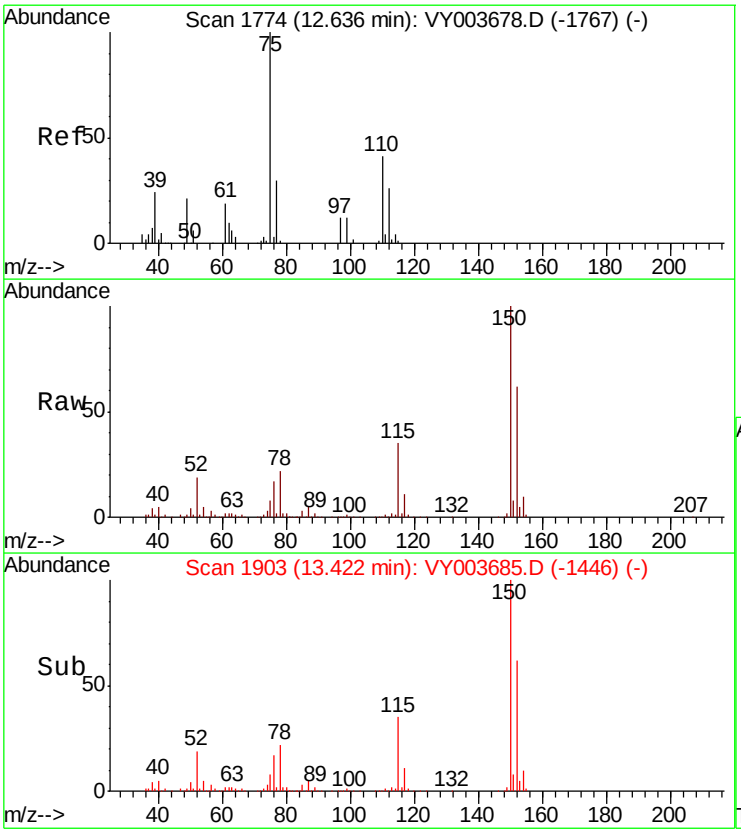
#58
1,1,2,2-Tetrachloroethane
Concen: 0.195 ug/L
RT: 12.56 min Scan# 1761
Delta R.T. -0.02 min
Lab File: VY003685.D
Acq: 08 Dec 2020 19:00

Instrument : MSVOA_Y
ClientSampleId : GB1F5

Tgt Ion: 83 Resp: 515

Ion	Ratio	Lower	Upper
83	100		
85	207.1	47.2	87.6#
131	234.6	8.4	12.6#

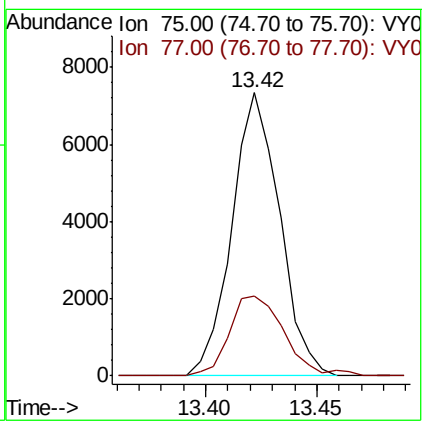


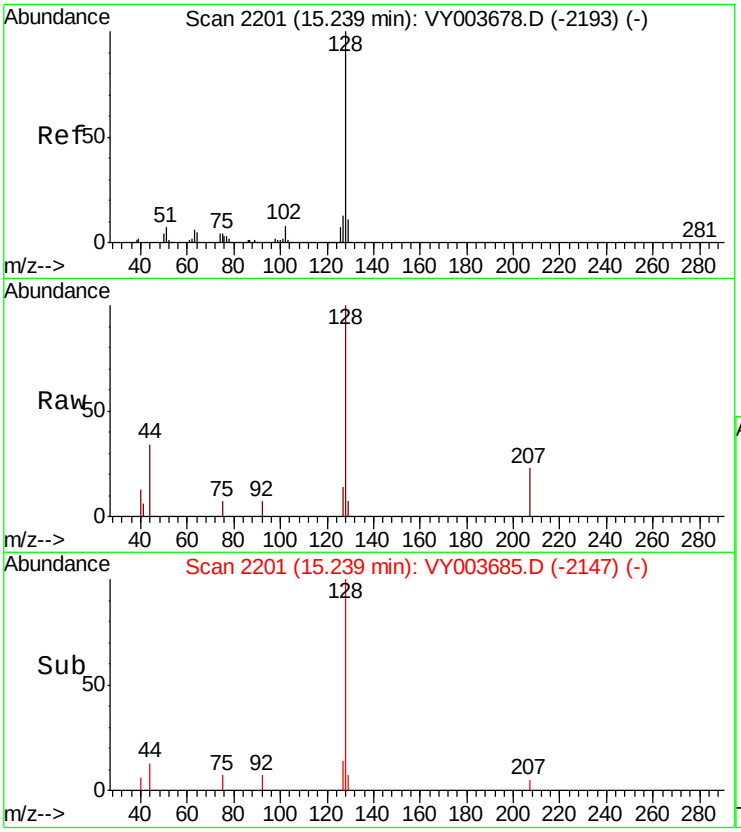


#59
1,2,3-Trichloropropane
Concen: 4.644 ug/L
RT: 13.42 min Scan# 1903
Delta R.T. 0.79 min
Lab File: VY003685.D
Acq: 08 Dec 2020 19:00

Tgt Ion: 75 Resp: 10960

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.9	38.9





#69
Naphthalene
Concen: 0.182 ug/L
RT: 15.24 min Scan# 2201
Delta R.T. -0.00 min
Lab File: VY003685.D
Acq: 08 Dec 2020 19:00

Instrument :
MSVOA_Y
ClientSampleId :
GB1F5

Tgt Ion:128 Resp: 1274

Ion	Ratio	Lower	Upper
128	100		
129	3.3	8.7	13.1#
127	7.2	10.2	15.4#