Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120820\
Data File : VY003681.D
Acq On : 08 Dec 2020 17:29
Operator : SY/MD
Sample : L4979-06
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Quant Time: Dec 09 02:00:31 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	238802	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.50	117	162361	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	33509	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	87975	26.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.20%			
7) Chloroethane-d5	2.77	69	67091	26.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.32%			
10) 1,1-Dichloroethene-d2	3.86	63	132043	20.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.12%			
20) 2-Butanone-d5	6.89	46	36090	29.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 59.96%			
24) Chloroform-d	7.49	84	158593	25.81	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.24%			
26) 1,2-Dichloroethane-d4	8.15	65	79289	22.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.72%			
29) Benzene-d6	8.12	84	344241	36.62	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 146.48%#			
33) 1,2-Dichloropropane-d6	9.12	67	98041	35.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 141.00%#			
37) Toluene-d8	10.18	98	283675	33.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 134.68%#			
38) trans-1,3-Dichloropropene-	10.44	79	37122	27.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 111.68%			
39) 2-Hexanone-d5	10.79	63	26435	37.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.86%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	45446	18.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 73.36%			
61) 1,2-Dichlorobenzene-d4	13.73	152	29376	24.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.52%			
Target Compounds						Qvalue
3) Chloromethane	2.13	50	845	0.290	ug/L #	77
13) Acetone	3.95	43	14582	16.523	ug/L	97
15) Methyl Acetate	4.48	43	794	0.358	ug/L #	51
16) Methylene chloride	4.73	84	11588	2.764	ug/L	88
21) 2-Butanone	6.99	43	1494	0.959	ug/L	83
30) Cyclohexane	7.79	56	1517	0.434	ug/L #	81
34) Benzene	8.17	78	5931	0.639	ug/L	100
36) Methylcyclohexane	9.18	83	2350	0.601	ug/L #	88
44) Toluene	10.25	91	28364	2.895	ug/L	95
49) 2-Hexanone	10.79	43	2964	1.928	ug/L #	65
53) Ethylbenzene	11.59	91	20216	1.891	ug/L	95
54) m,p-Xylene	11.70	106	2350	0.570	ug/L	72
55) o-xylene	12.03	106	1071	0.271	ug/L	92
59) 1,2,3-Trichloropropane	13.43	75	4299	2.233	ug/L	94
63) 1,3-Dichlorobenzene	13.36	146	630	0.316	ug/L #	80
65) 1,2-Dichlorobenzene	13.75	146	512	0.280	ug/L #	86
67) 1,3,5-Trichlorobenzene	14.51	180	1258	0.893	ug/L #	88

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120820\
Data File : VY003681.D
Acq On : 08 Dec 2020 17:29
Operator : SY/MD
Sample : L4979-06
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Quant Time: Dec 09 02:00:31 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)
69) Naphthalene	15.23	128	466	0.185	ug/L #	69

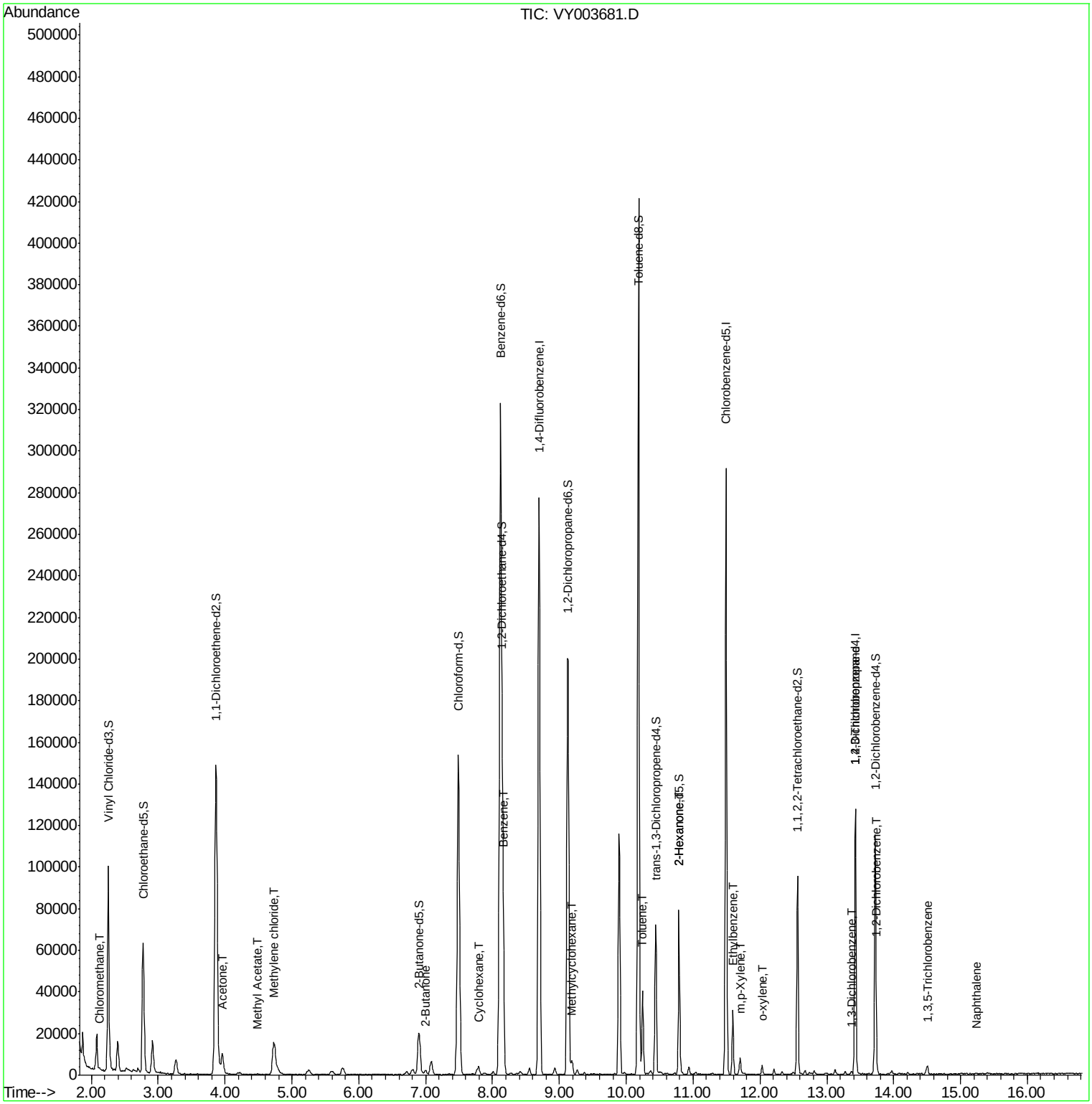
(#) = qualifier out of range (m) = manual integration (+) = signals summed

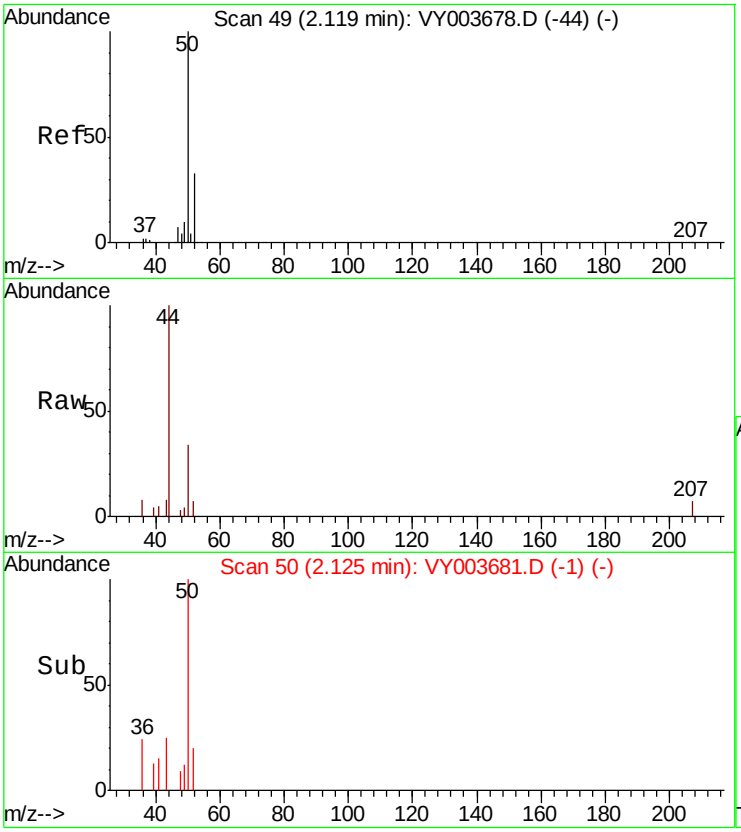
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120820\
Data File : VY003681.D
Acq On : 08 Dec 2020 17:29
Operator : SY/MD
Sample : L4979-06
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GB1F8

Quant Time: Dec 09 02:00:31 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



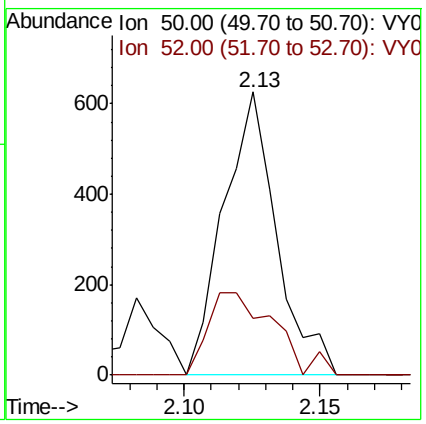


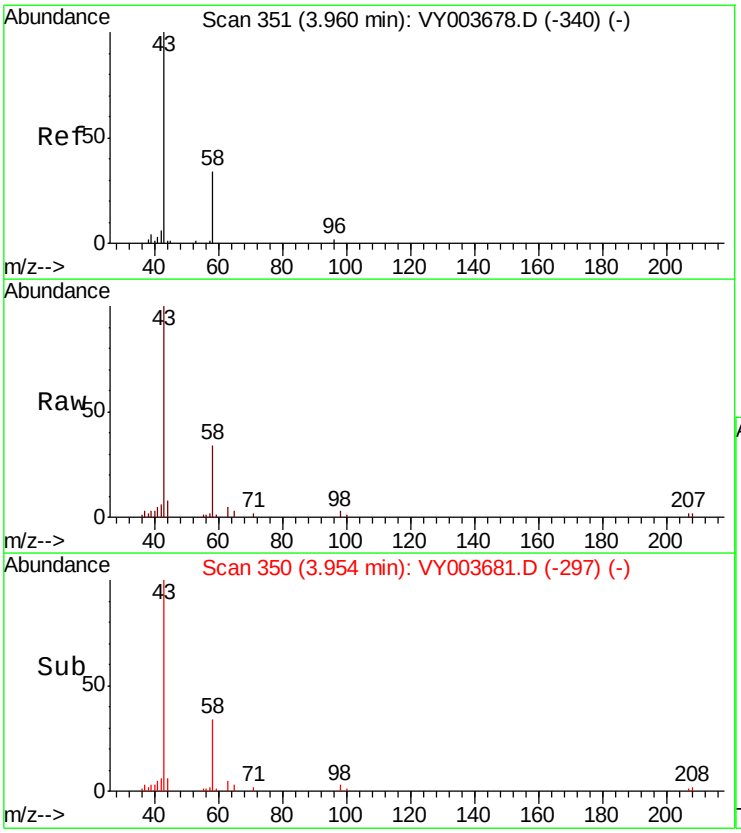
#3
Chloromethane
Concen: 0.290 ug/L
RT: 2.13 min Scan# 50
Delta R.T. 0.01 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
GB1F8

Tgt Ion: 50 Resp: 845

Ion	Ratio	Lower	Upper
50	100		
52	20.1	23.1	42.9#

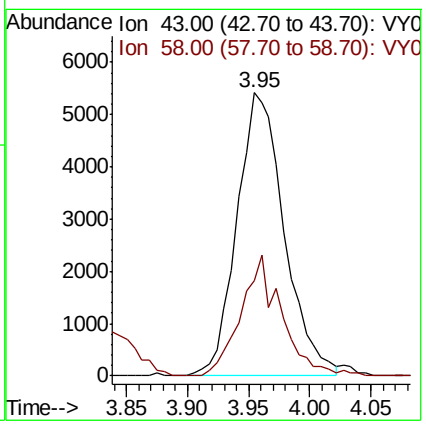


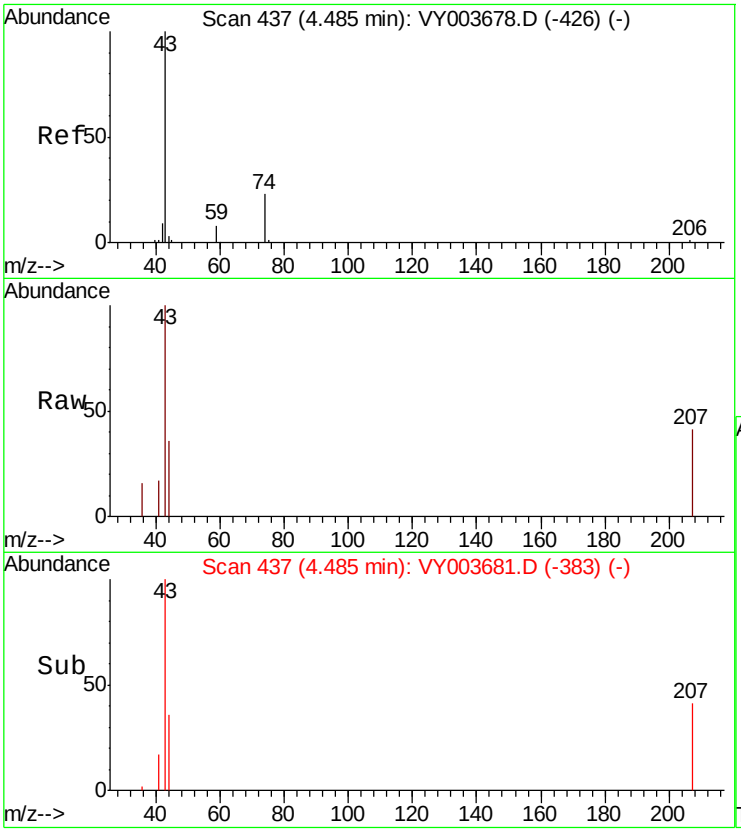


#13
Acetone
Concen: 16.523 ug/L
RT: 3.95 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Tgt Ion: 43 Resp: 14582

Ion	Ratio	Lower	Upper
43	100		
58	36.2	0.0	68.8



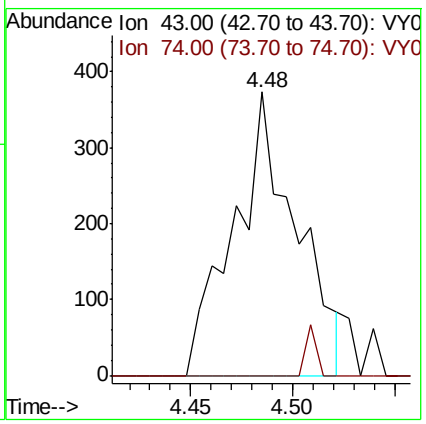


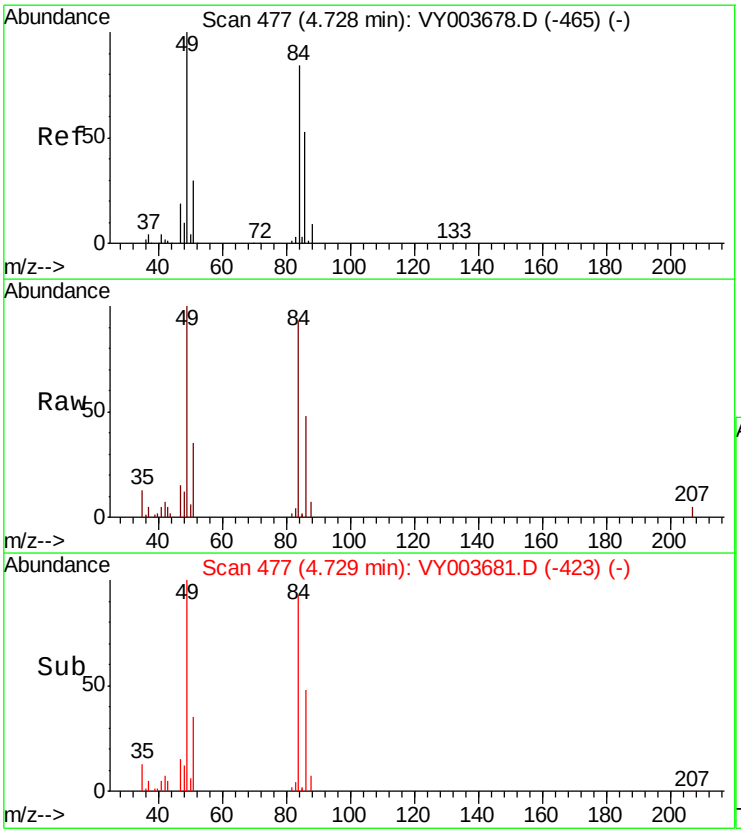
#15
Methyl Acetate
Concen: 0.358 ug/L
RT: 4.48 min Scan# 437
Delta R.T. 0.00 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion: 43 Resp: 794

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.2	28.8#

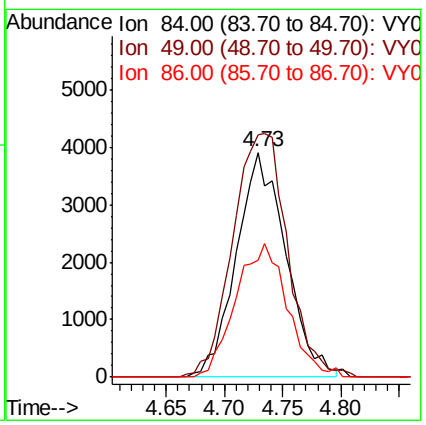


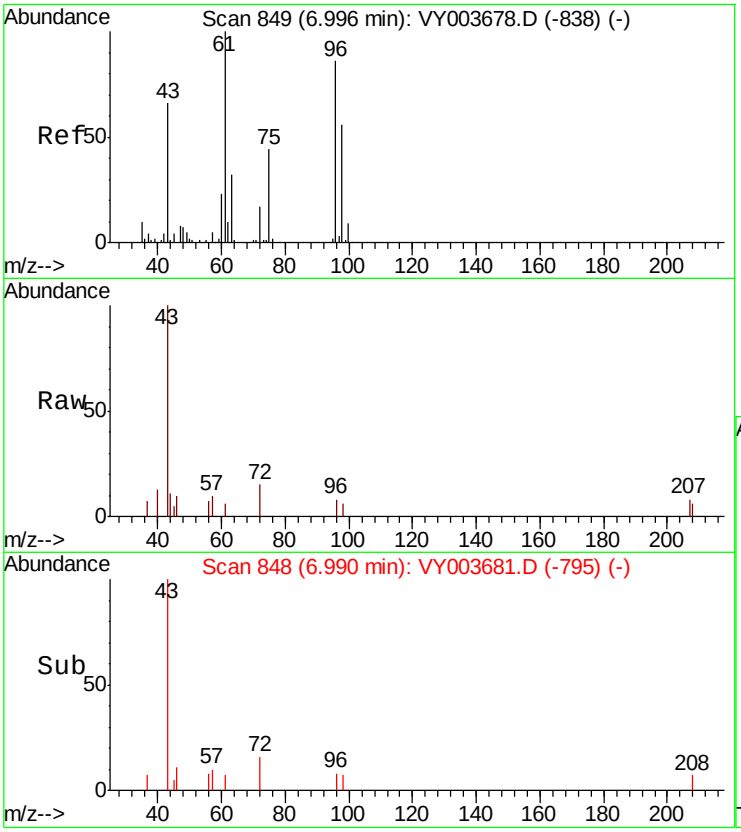


#16
Methylene chloride
Concen: 2.764 ug/L
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Tgt Ion: 84 Resp: 11588

Ion	Ratio	Lower	Upper
84	100		
49	107.8	83.7	155.4
86	51.9	45.0	83.6



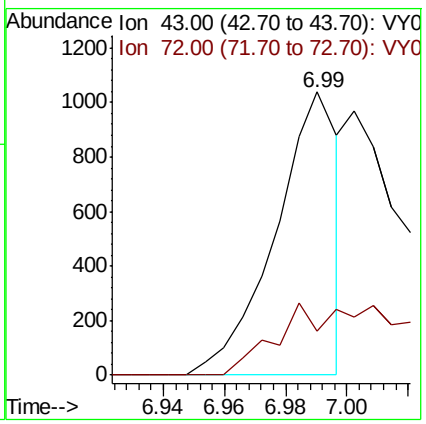


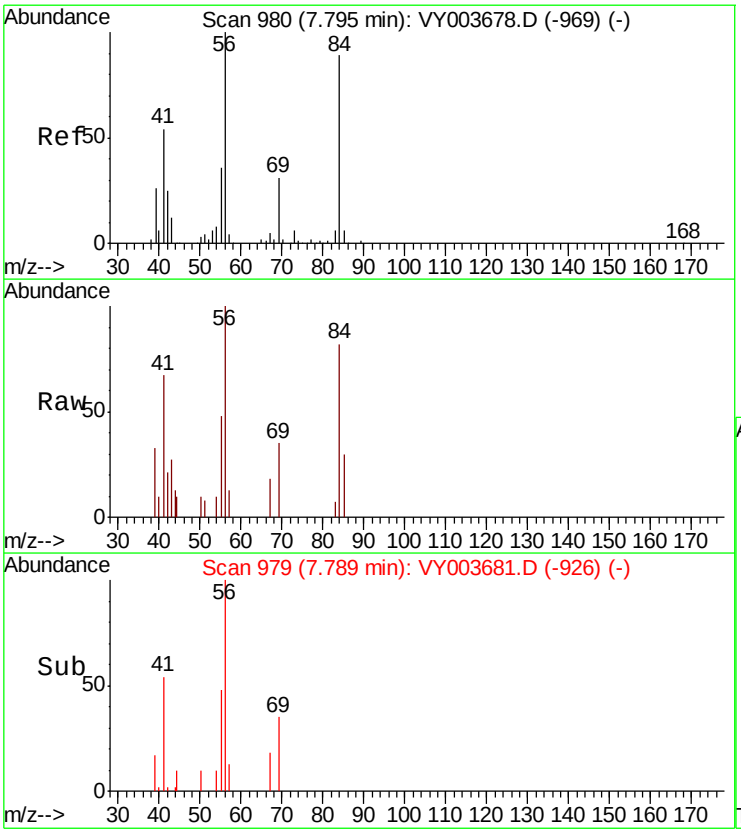
#21
2-Butanone
Concen: 0.959 ug/L
RT: 6.99 min Scan# 848
Delta R.T. -0.01 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion: 43 Resp: 1494

Ion	Ratio	Lower	Upper
43	100		
72	17.9	13.3	39.9

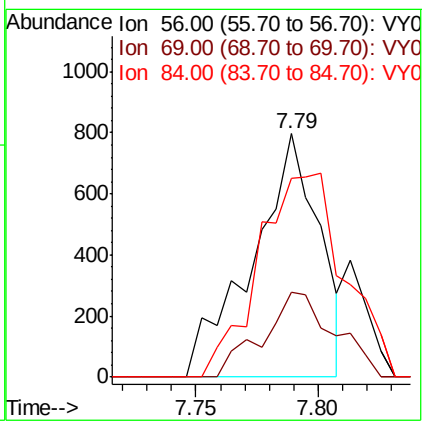


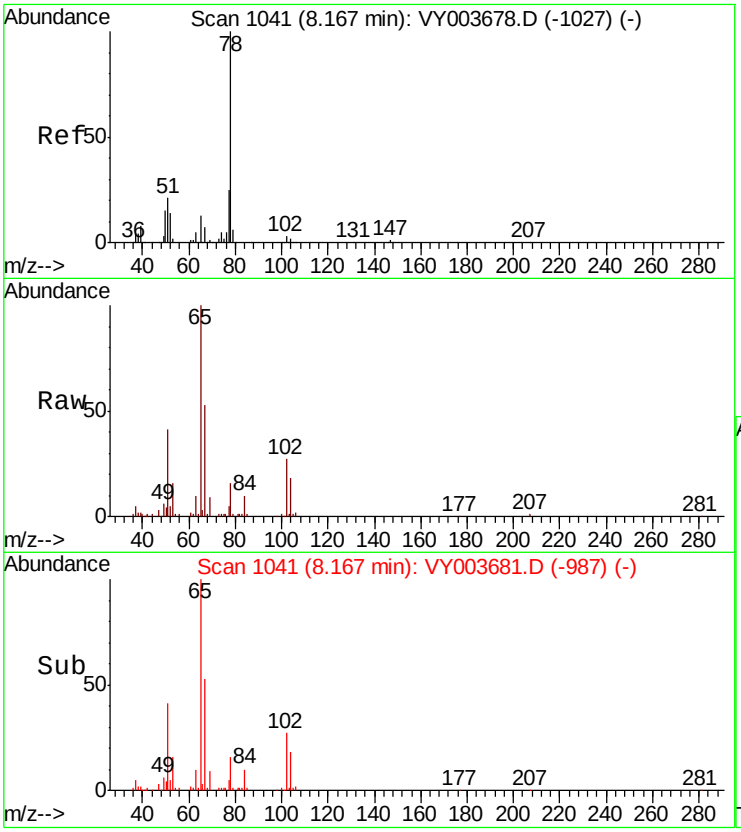


#30
Cyclohexane
Concen: 0.434 ug/L
RT: 7.79 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Tgt Ion: 56 Resp: 1517

Ion	Ratio	Lower	Upper
56	100		
69	15.8	23.8	35.8#
84	107.3	73.2	109.8

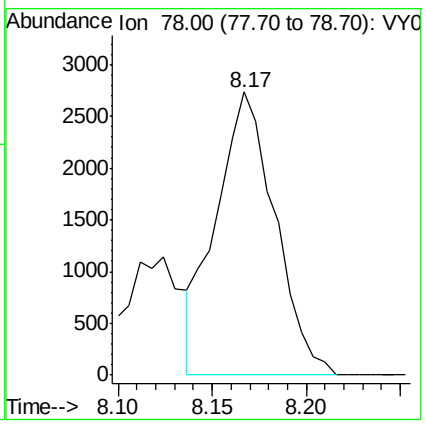


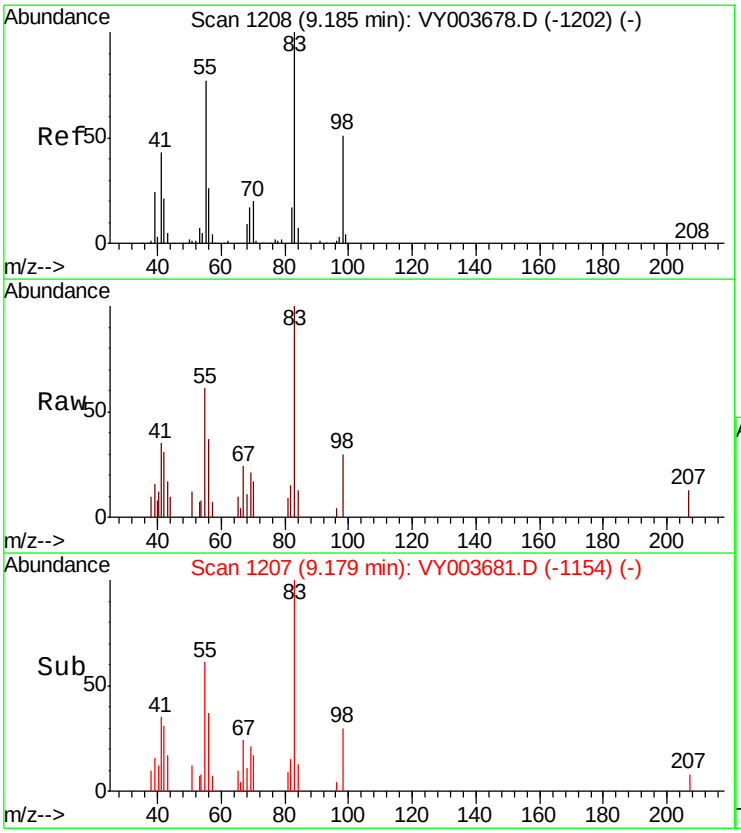


#34
Benzene
Concen: 0.639 ug/L
RT: 8.17 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
GB1F8

Tgt Ion: 78 Resp: 5931

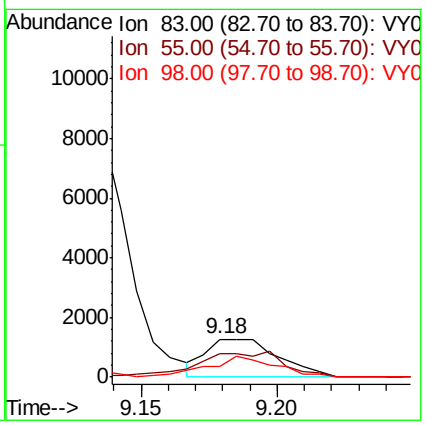


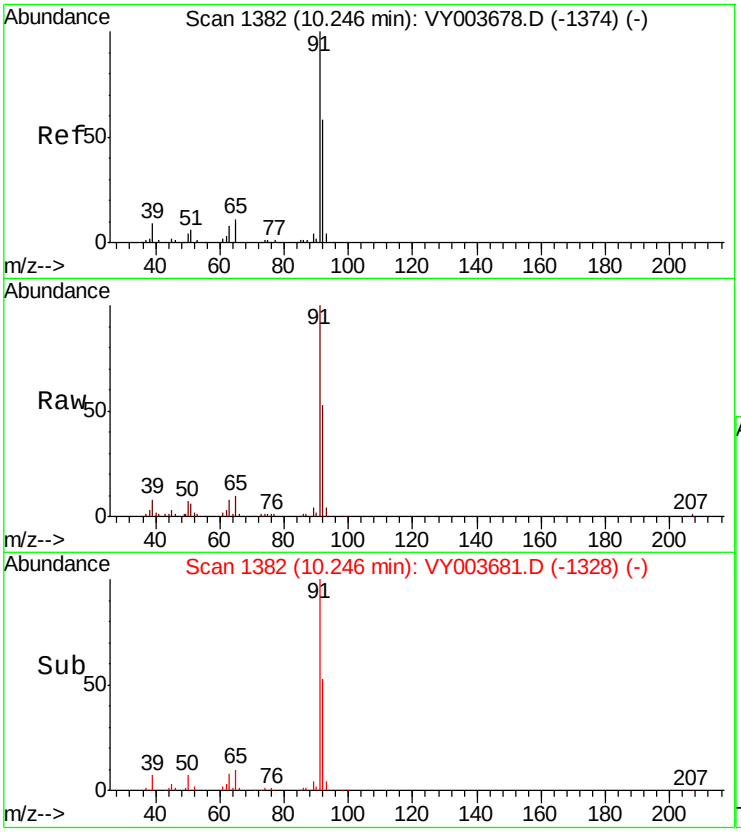


#36
Methylcyclohexane
Concen: 0.601 ug/L
RT: 9.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Tgt Ion: 83 Resp: 2350

Ion	Ratio	Lower	Upper
83	100		
55	55.1	56.4	84.6#
98	53.0	40.3	60.5



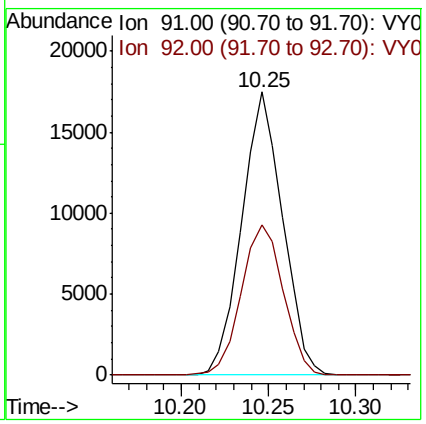


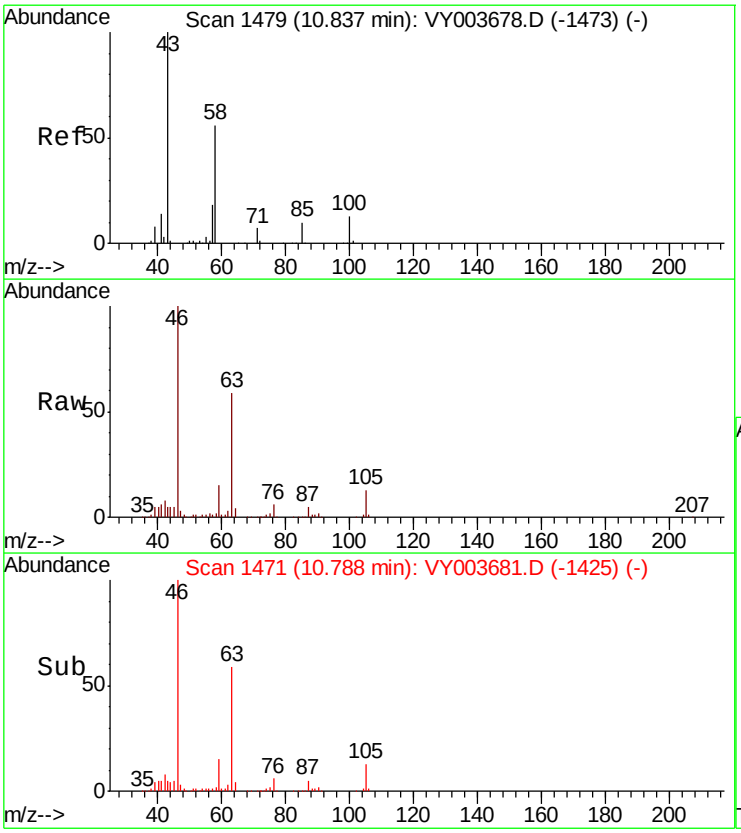
#44
Toluene
Concen: 2.895 ug/L
RT: 10.25 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
GB1F8

Tgt Ion: 91 Resp: 28364

Ion	Ratio	Lower	Upper
91	100		
92	52.9	39.8	73.8

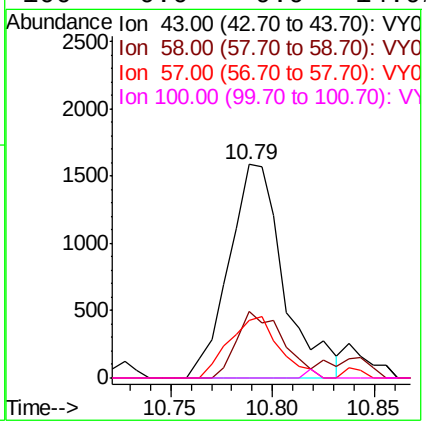


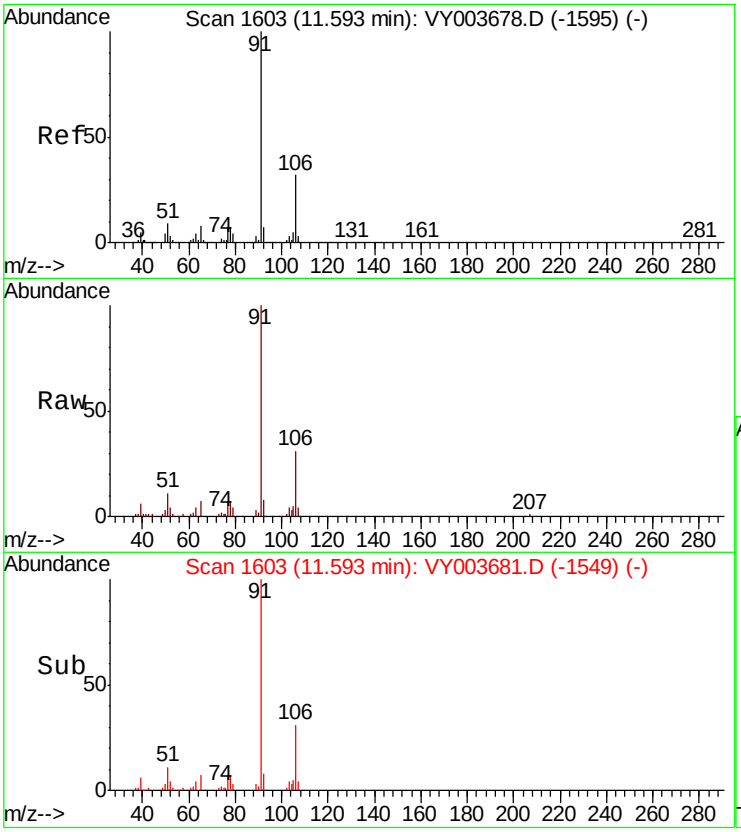


#49
2-Hexanone
Concen: 1.928 ug/L
RT: 10.79 min Scan# 1471
Delta R.T. -0.05 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Tgt Ion: 43 Resp: 2964

Ion	Ratio	Lower	Upper
43	100		
58	26.1	44.8	67.2#
57	26.6	14.8	22.2#
100	0.0	9.9	14.9#



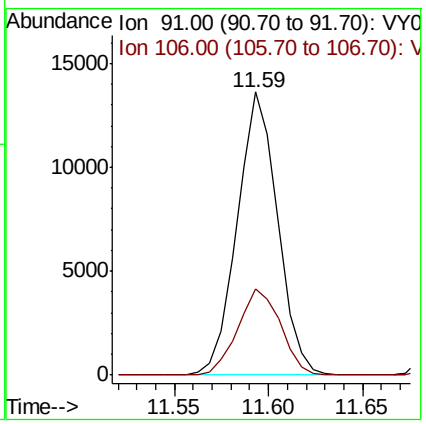


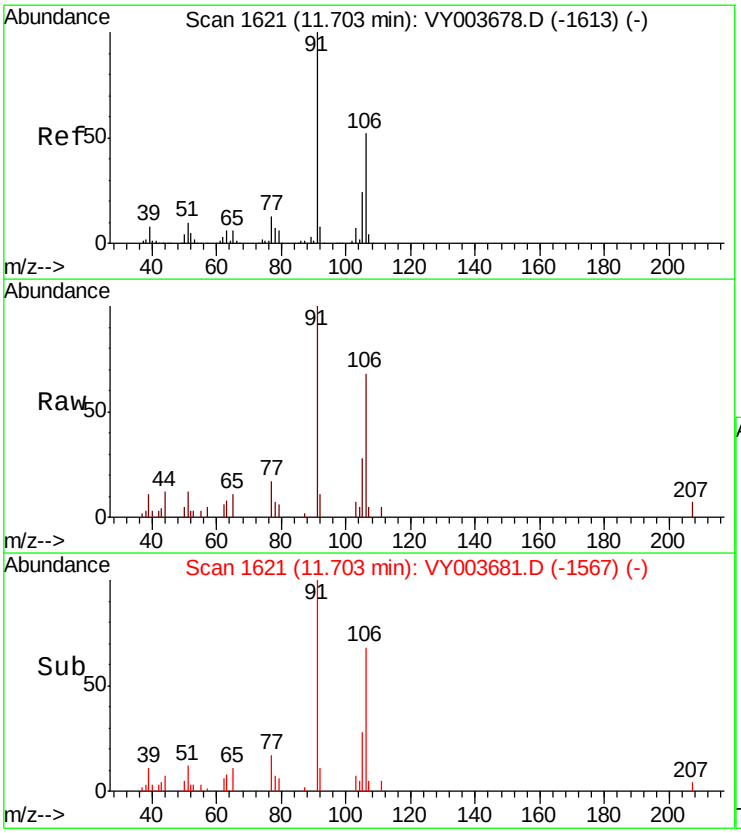
#53
Ethylbenzene
Concen: 1.891 ug/L
RT: 11.59 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion: 91 Resp: 20216

Ion	Ratio	Lower	Upper
91	100		
106	30.7	23.3	43.3

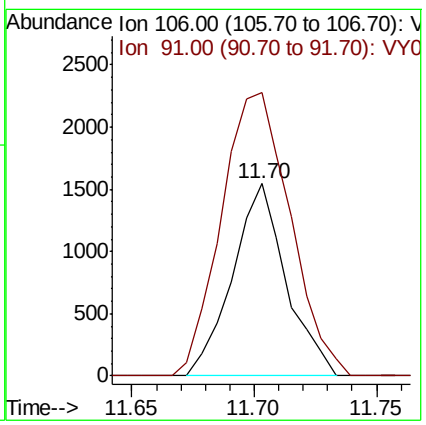


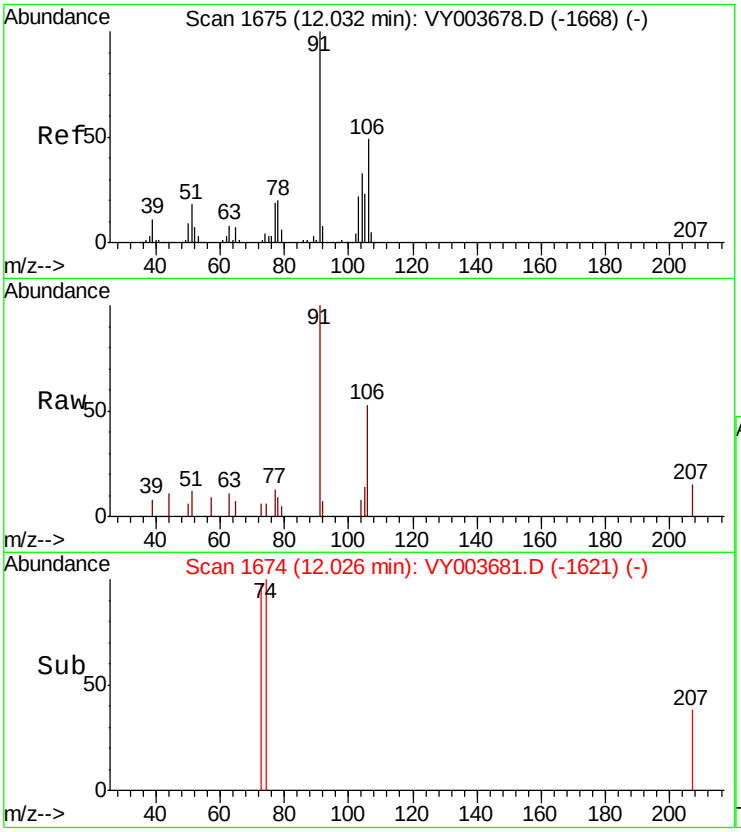


#54
m,p-Xylene
Concen: 0.570 ug/L
RT: 11.70 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Tgt Ion:106 Resp: 2350

Ion	Ratio	Lower	Upper
106	100		
91	147.2	131.3	243.9



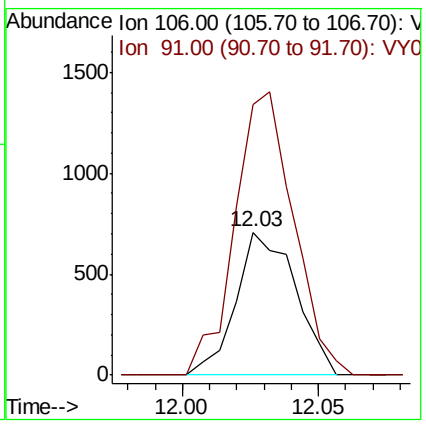


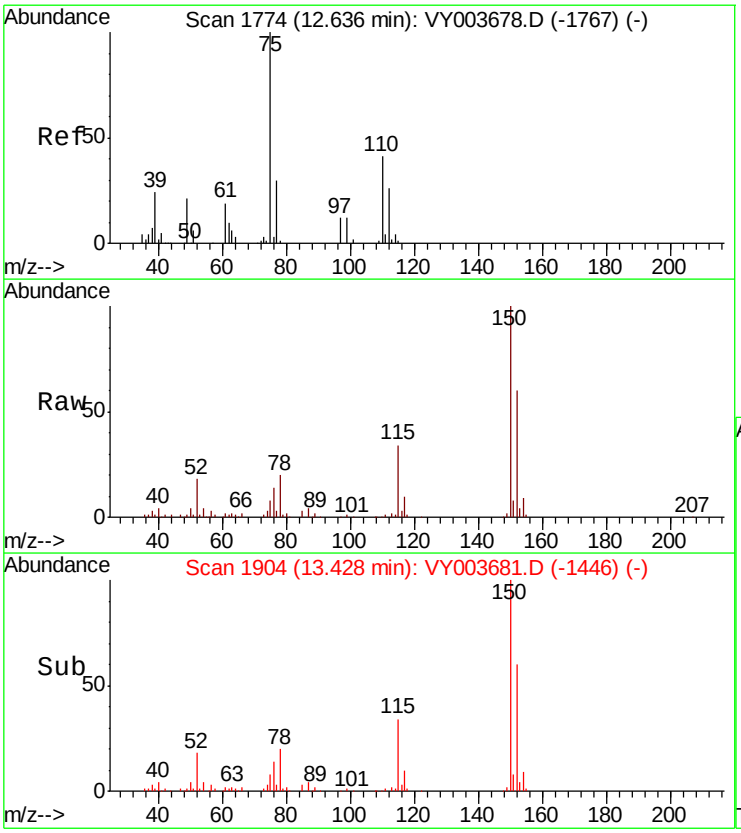
#55
o-xylene
Concen: 0.271 ug/L
RT: 12.03 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion:106 Resp: 1071

Ion	Ratio	Lower	Upper
106	100		
91	189.7	141.7	263.3

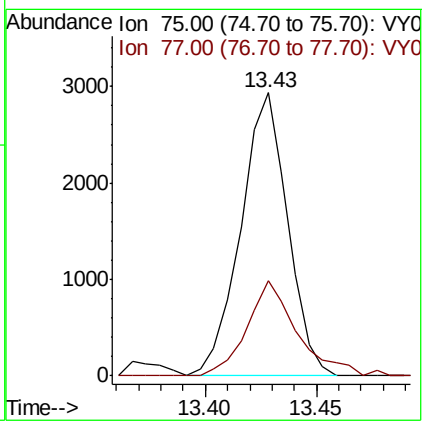


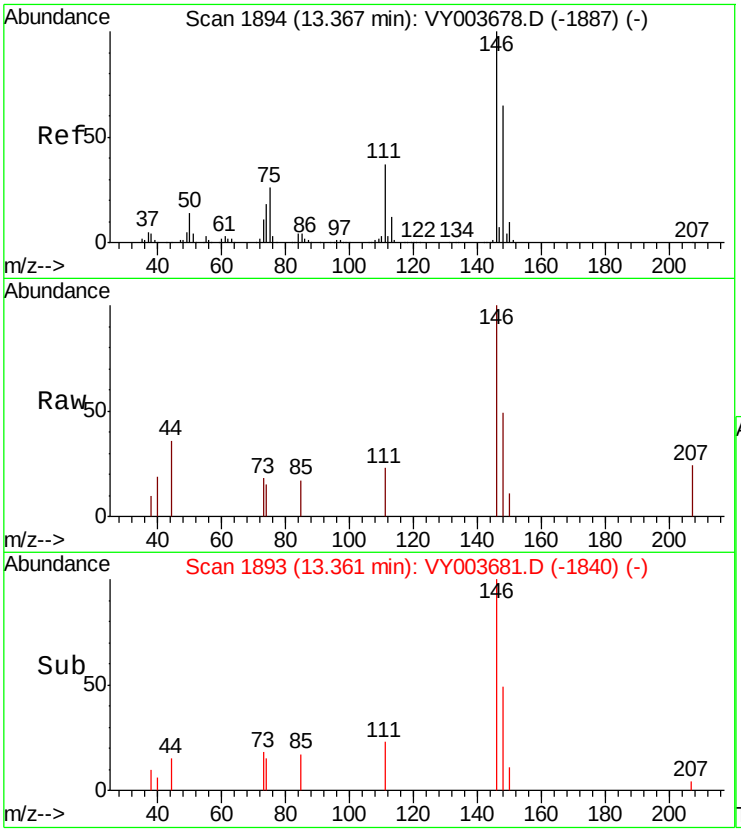


#59
1,2,3-Trichloropropane
Concen: 2.233 ug/L
RT: 13.43 min Scan# 1904
Delta R.T. 0.79 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Tgt Ion: 75 Resp: 4299

Ion	Ratio	Lower	Upper
75	100		
77	35.8	25.9	38.9



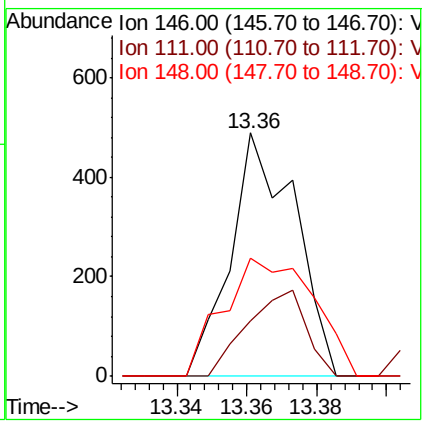


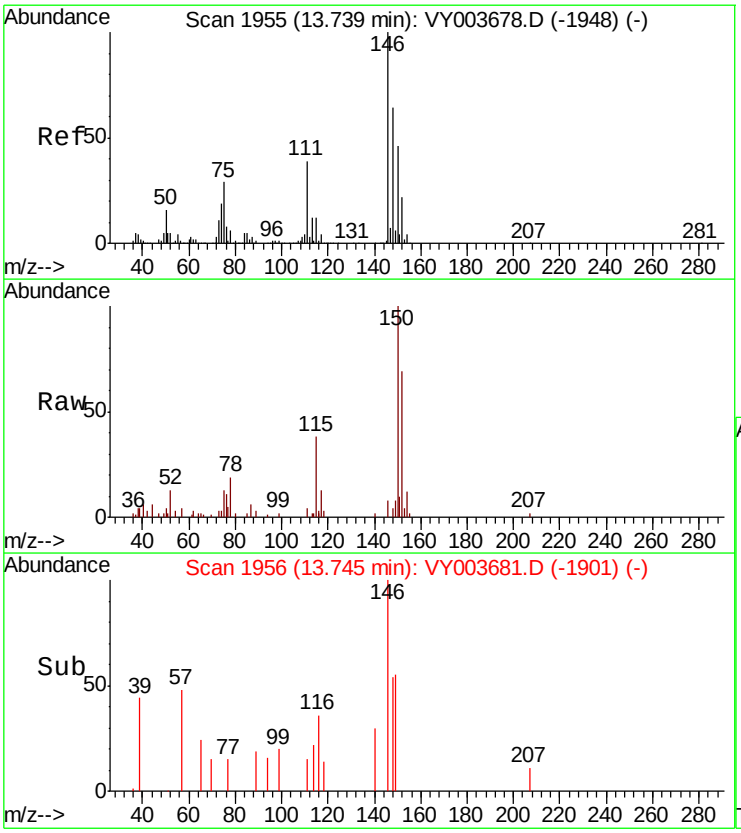
#63
1,3-Dichlorobenzene
Concen: 0.316 ug/L
RT: 13.36 min Scan# 1893
Delta R.T. -0.01 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion:146 Resp: 630

Ion	Ratio	Lower	Upper
146	100		
111	22.7	26.0	48.4#
148	48.7	43.7	81.1

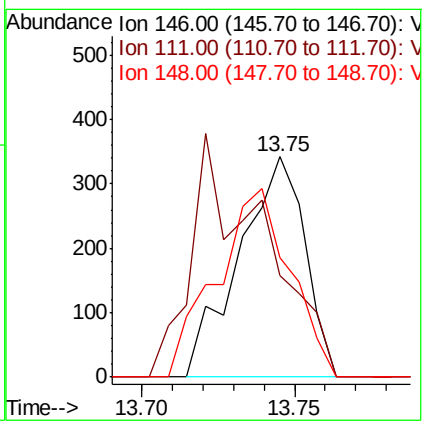


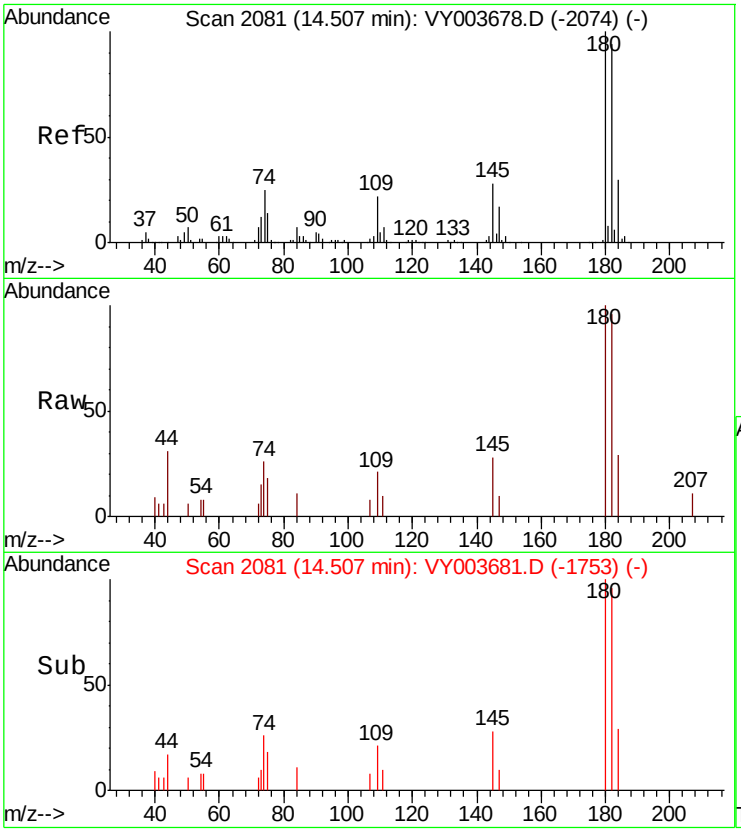


#65
1,2-Dichlorobenzene
Concen: 0.280 ug/L
RT: 13.75 min Scan# 1956
Delta R.T. 0.01 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Tgt Ion:146 Resp: 512

Ion	Ratio	Lower	Upper
146	100		
111	45.9	30.0	45.0#
148	54.4	51.8	77.8



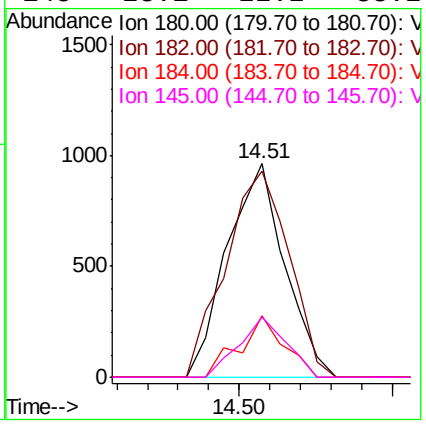


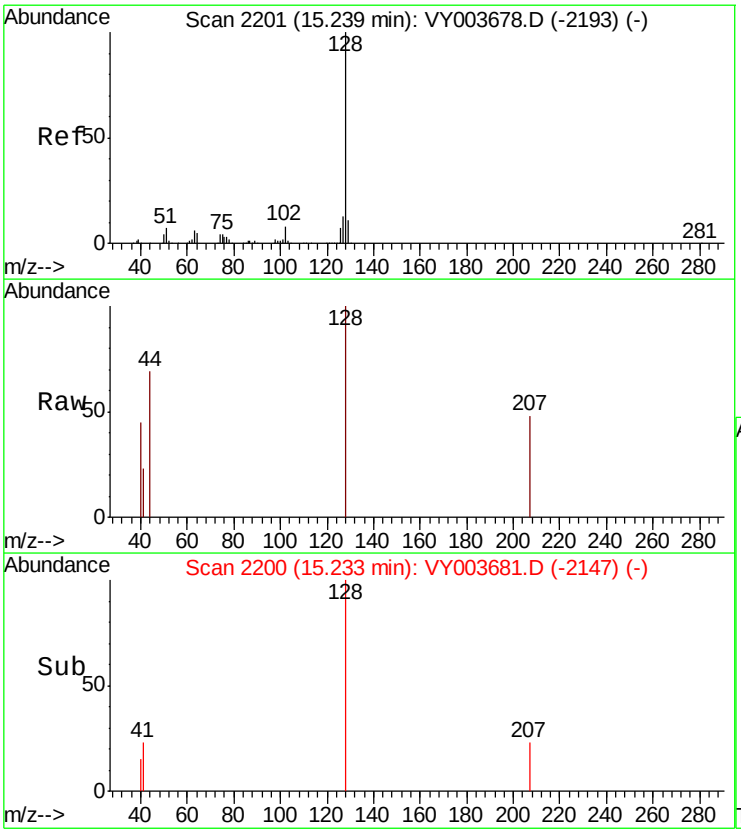
#67
1,3,5-Trichlorobenzene
Concen: 0.893 ug/L
RT: 14.51 min Scan# 2081
Delta R.T. 0.00 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion:180 Resp: 1258

Ion	Ratio	Lower	Upper
180	100		
182	106.1	76.0	114.0
184	22.2	24.2	36.2#
145	23.1	22.2	33.2





#69
Naphthalene
Concen: 0.185 ug/L
RT: 15.23 min Scan# 2200
Delta R.T. -0.01 min
Lab File: VY003681.D
Acq: 08 Dec 2020 17:29

Tgt Ion:128 Resp: 466

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	10.2	15.4#