Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120920\
Data File : VY003696.D
Acq On : 09 Dec 2020 13:32
Operator : SY/MD
Sample : L4979-08MSD
Misc : 4.73G/10ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Quant Time: Dec 10 02:29:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 10 02:27:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	158576	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	104507	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	22396	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	46687	20.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.28%			
7) Chloroethane-d5	2.77	69	39505	23.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.40%			
10) 1,1-Dichloroethene-d2	3.87	63	90865	21.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.12%			
20) 2-Butanone-d5	6.90	46	37285	46.64	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.28%			
24) Chloroform-d	7.49	84	88248	21.63	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.52%			
26) 1,2-Dichloroethane-d4	8.15	65	51228	22.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.24%			
29) Benzene-d6	8.12	84	184171	30.44	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 121.76%			
33) 1,2-Dichloropropane-d6	9.13	67	54371	30.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 121.48%#			
37) Toluene-d8	10.18	98	135809	25.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.16%			
38) trans-1,3-Dichloropropene-	10.44	79	21733	25.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.60%			
39) 2-Hexanone-d5	10.79	63	25421	56.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.34%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	29114	18.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 73.00%			
61) 1,2-Dichlorobenzene-d4	13.72	152	15703	19.30	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 77.20%			
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	3.86	101	548	0.272	ug/L #	17
12) 1,1-Dichloroethene	3.89	96	51911	27.354	ug/L	88
13) Acetone	3.96	43	14312	24.422	ug/L	98
16) Methylene chloride	4.73	84	5438	1.953	ug/L	90
21) 2-Butanone	7.00	43	2426	2.344	ug/L	75
30) Cyclohexane	7.78	56	1013	0.450	ug/L #	90
34) Benzene	8.17	78	212328	35.516	ug/L	100
35) Trichloroethene	8.94	95	44017	26.818	ug/L	98
36) Methylcyclohexane	9.19	83	1479	0.588	ug/L #	82
40) 1,2-Dichloropropane	9.12	63	5829	3.888	ug/L #	86
42) cis-1,3-Dichloropropene	9.90	75	1677	0.711	ug/L #	67
44) Toluene	10.25	91	195812	31.050	ug/L	99
52) Chlorobenzene	11.52	112	93570	22.546	ug/L	97
53) Ethylbenzene	11.59	91	12602	1.831	ug/L	95
54) m,p-Xylene	11.70	106	1702	0.641	ug/L	86
55) o-xylene	12.03	106	690	0.271	ug/L	80
59) 1,2,3-Trichloropropane	13.43	75	2632	2.124	ug/L	93

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120920\
Data File : VY003696.D
Acq On : 09 Dec 2020 13:32
Operator : SY/MD
Sample : L4979-08MSD
Misc : 4.73G/10ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Quant Time: Dec 10 02:29:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 10 02:27:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) 1,2,4-trichlorobenzene	15.00	180	123	0.153	ug/L	#	12
69) Naphthalene	15.23	128	350	0.208	ug/L	#	69

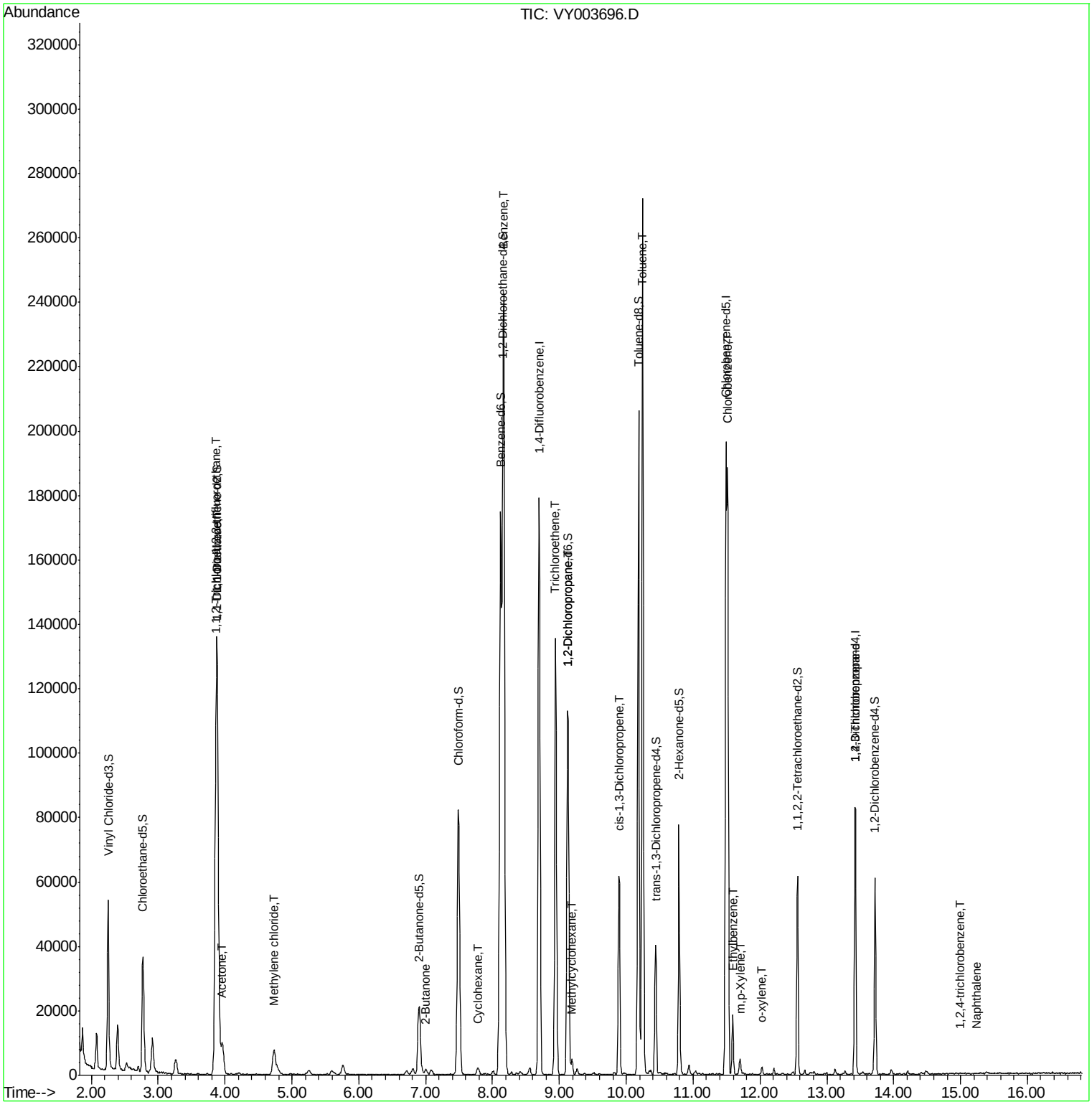
(#) = qualifier out of range (m) = manual integration (+) = signals summed

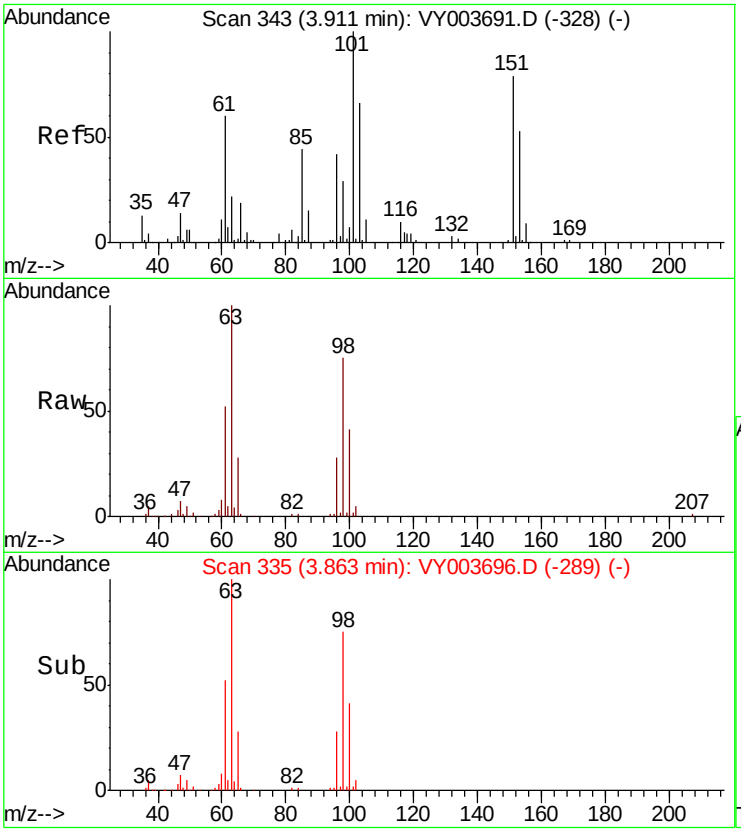
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120920\
Data File : VY003696.D
Acq On : 09 Dec 2020 13:32
Operator : SY/MD
Sample : L4979-08MSD
Misc : 4.73G/10ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GB1F8

Quant Time: Dec 10 02:29:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 10 02:27:01 2020
Response via : Initial Calibration



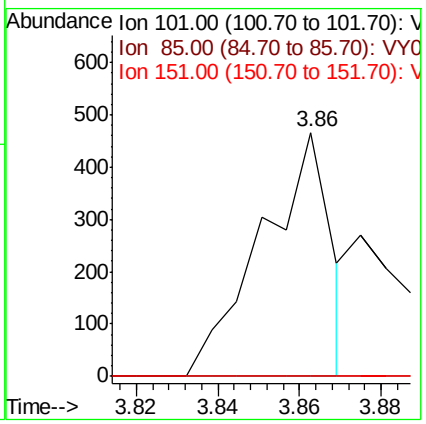


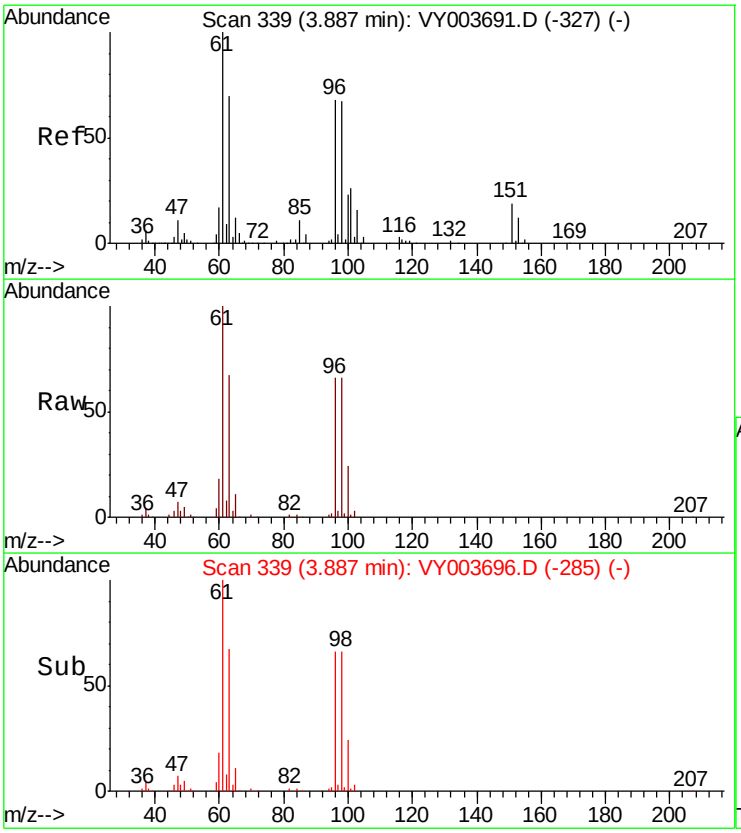
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.272 ug/L
RT: 3.86 min Scan# 335
Delta R.T. -0.05 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion:101 Resp: 548

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

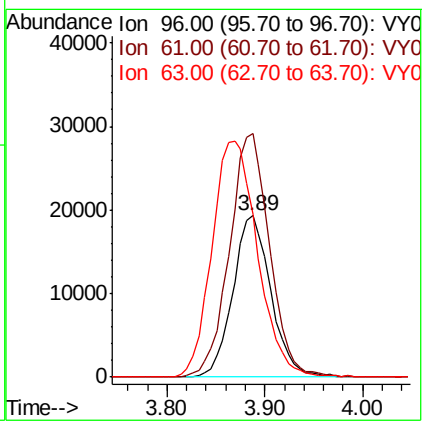


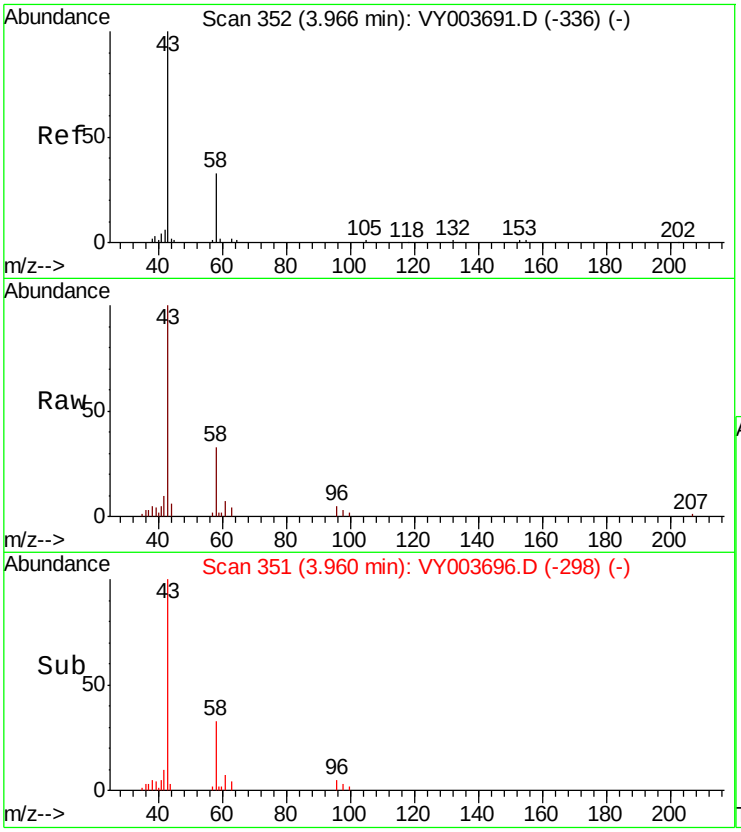


#12
1,1-Dichloroethene
Concen: 27.354 ug/L
RT: 3.89 min Scan# 339
Delta R.T. 0.00 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Tgt Ion: 96 Resp: 51911

Ion	Ratio	Lower	Upper
96	100		
61	150.7	108.5	201.5
63	100.7	87.8	163.0



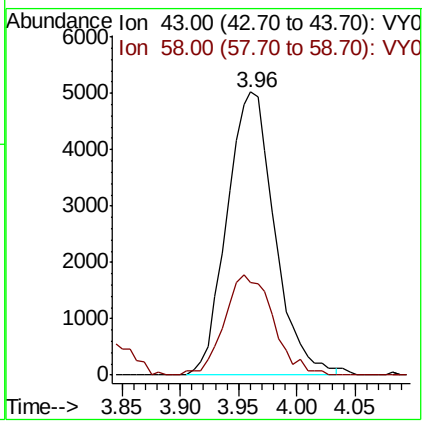


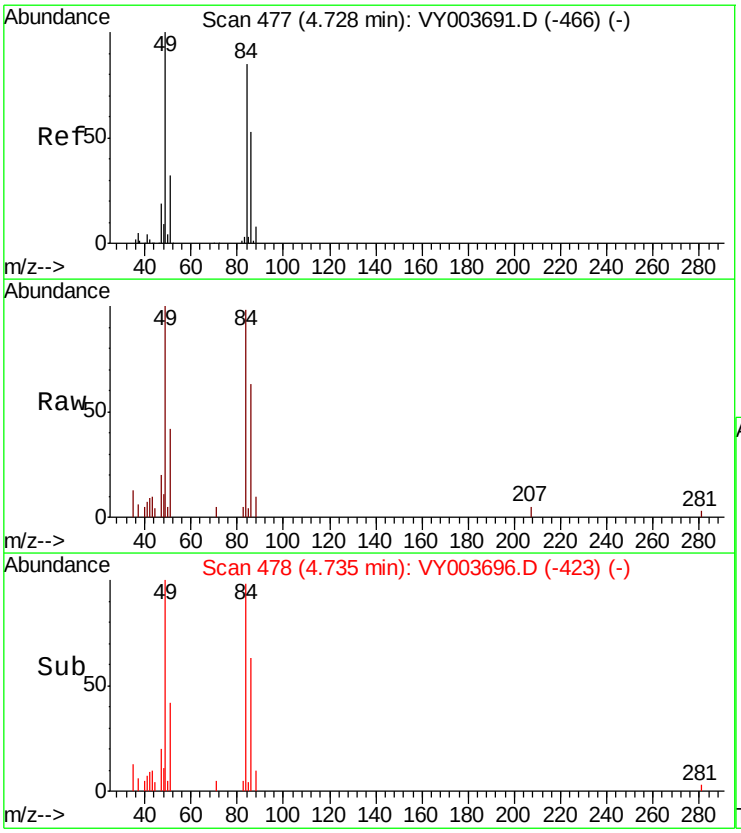
#13
Acetone
Concen: 24.422 ug/L
RT: 3.96 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion: 43 Resp: 14312

Ion	Ratio	Lower	Upper
43	100		
58	35.8	0.0	68.8

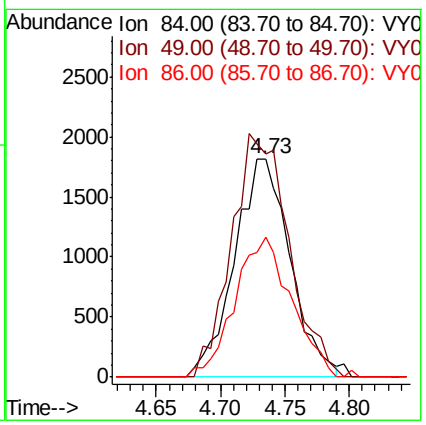


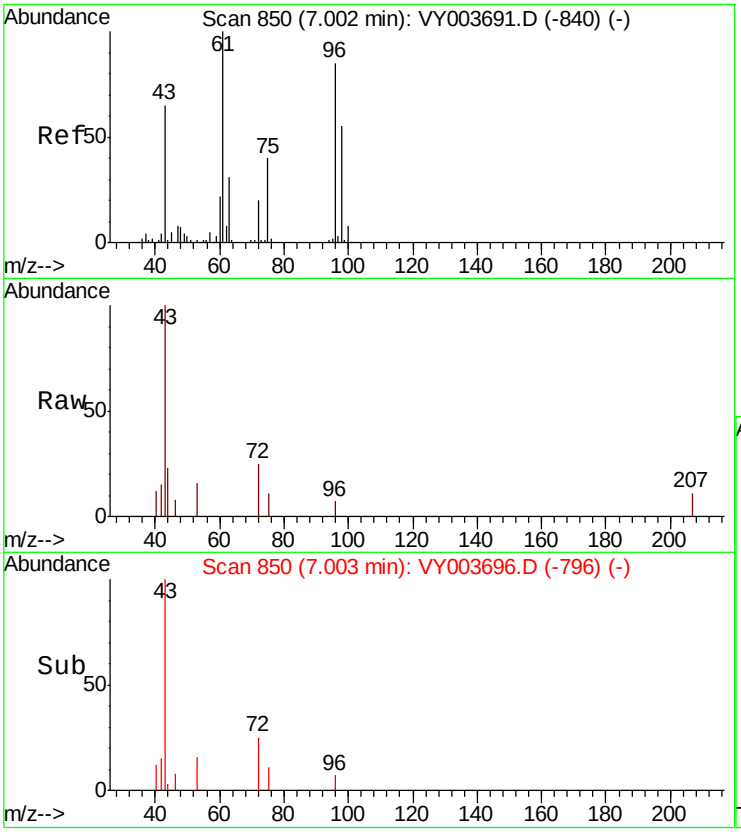


#16
Methylene chloride
Concen: 1.953 ug/L
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Tgt Ion: 84 Resp: 5438

Ion	Ratio	Lower	Upper
84	100		
49	102.0	83.7	155.4
86	64.1	45.0	83.6



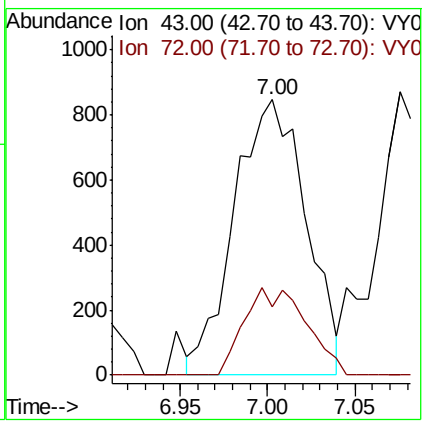


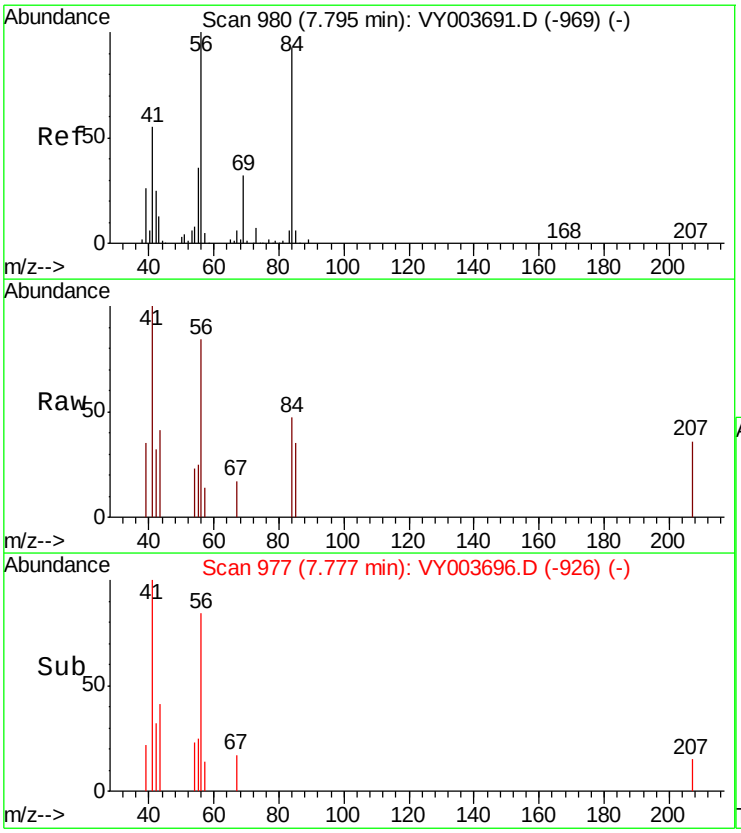
#21
2-Butanone
Concen: 2.344 ug/L
RT: 7.00 min Scan# 850
Delta R.T. 0.00 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion: 43 Resp: 2426

Ion	Ratio	Lower	Upper
43	100		
72	13.6	13.3	39.9

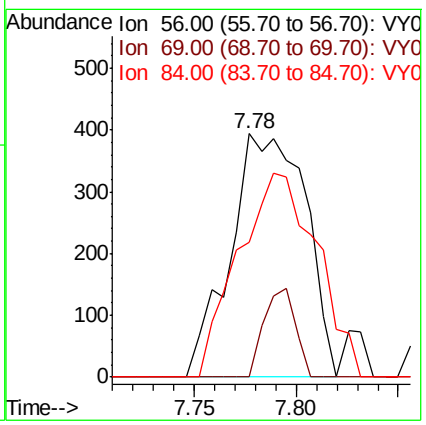


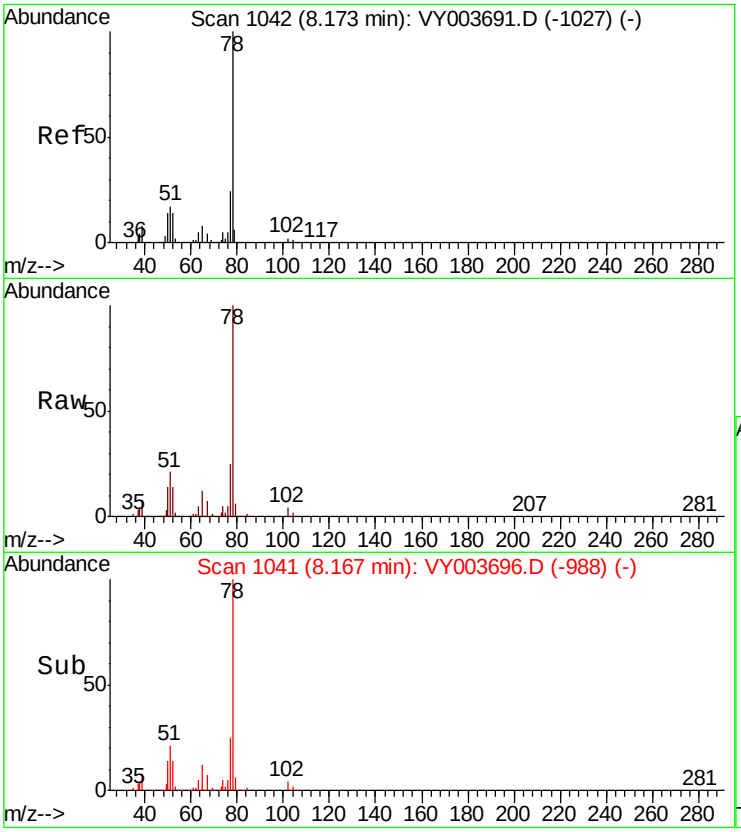


#30
Cyclohexane
Concen: 0.450 ug/L
RT: 7.78 min Scan# 977
Delta R.T. -0.02 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Tgt Ion: 56 Resp: 1013

Ion	Ratio	Lower	Upper
56	100		
69	15.2	23.8	35.8#
84	87.2	73.2	109.8

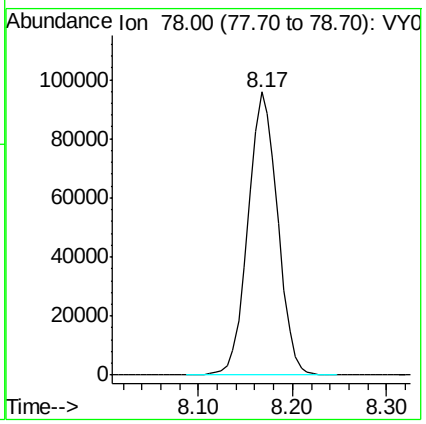


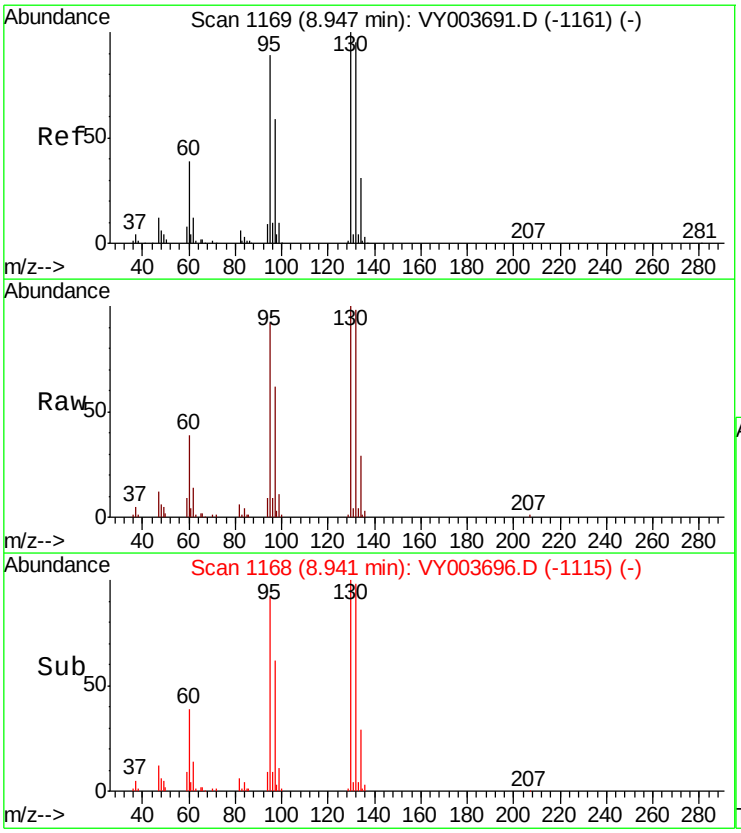


#34
Benzene
Concen: 35.516 ug/L
RT: 8.17 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GB1F8

Tgt Ion: 78 Resp: 212328

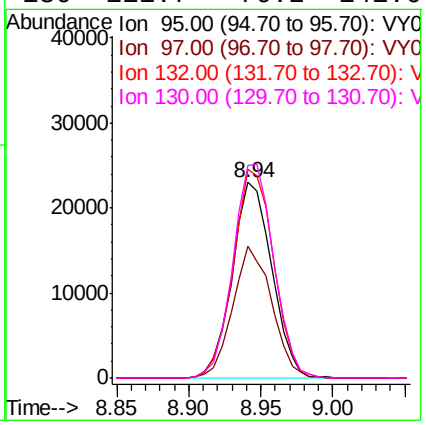


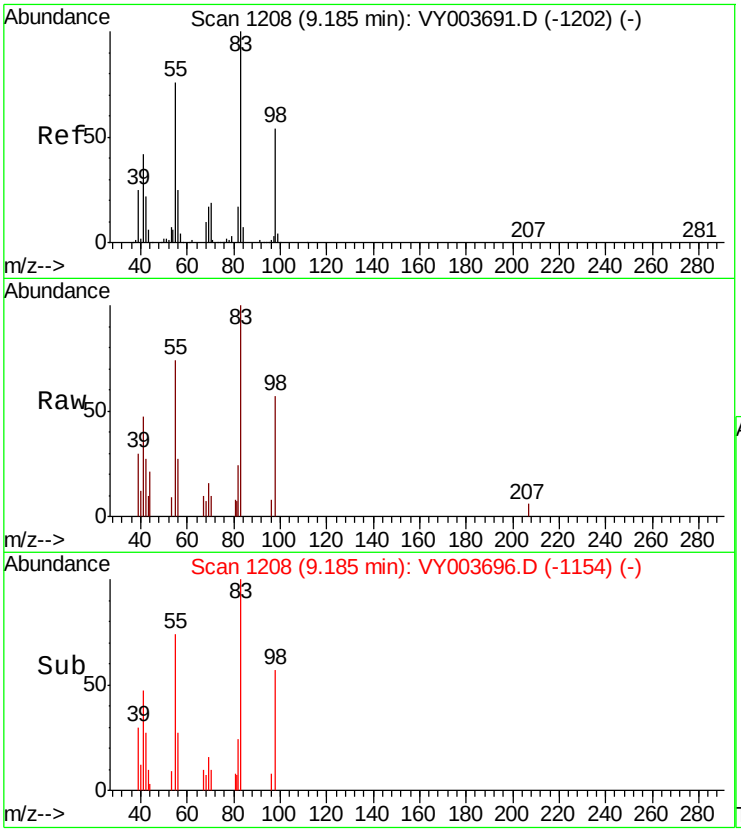


#35
Trichloroethene
Concen: 26.818 ug/L
RT: 8.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Tgt Ion: 95 Resp: 44017

Ion	Ratio	Lower	Upper
95	100		
97	66.1	45.8	85.0
132	108.4	74.2	137.8
130	111.7	76.2	141.6



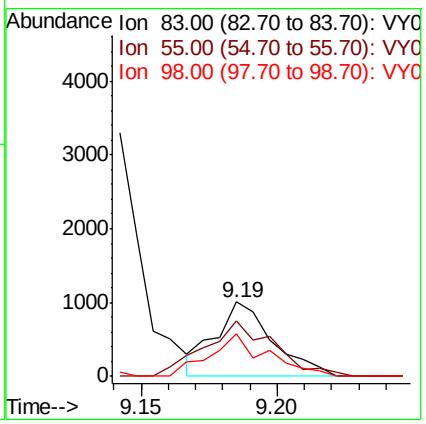


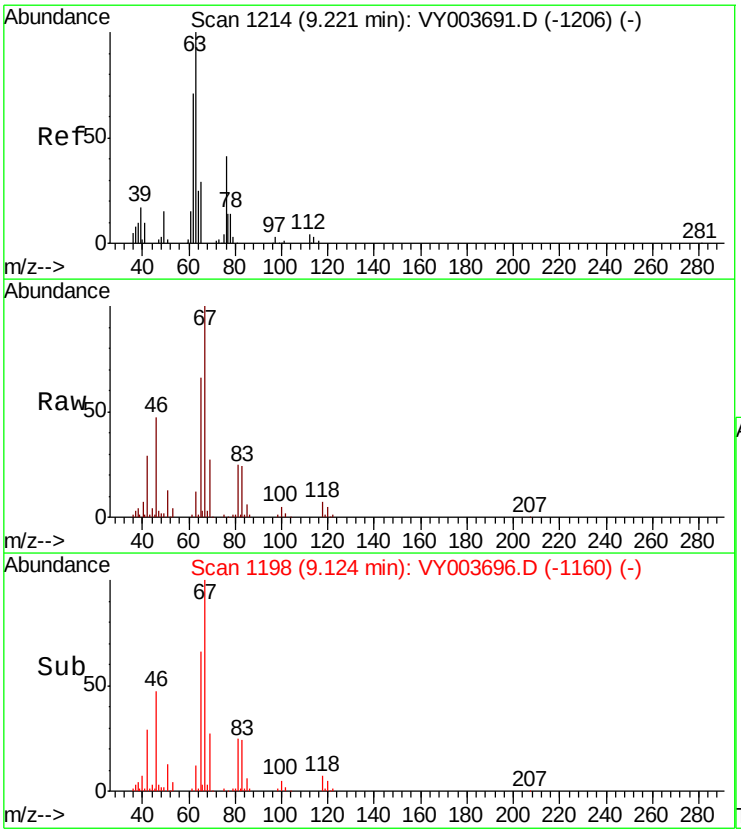
#36
Methylcyclohexane
Concen: 0.588 ug/L
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GB1F8

Tgt Ion: 83 Resp: 1479

Ion	Ratio	Lower	Upper
83	100		
55	85.7	56.4	84.6#
98	38.7	40.3	60.5#

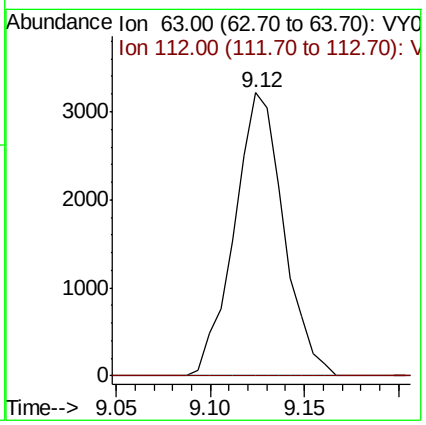


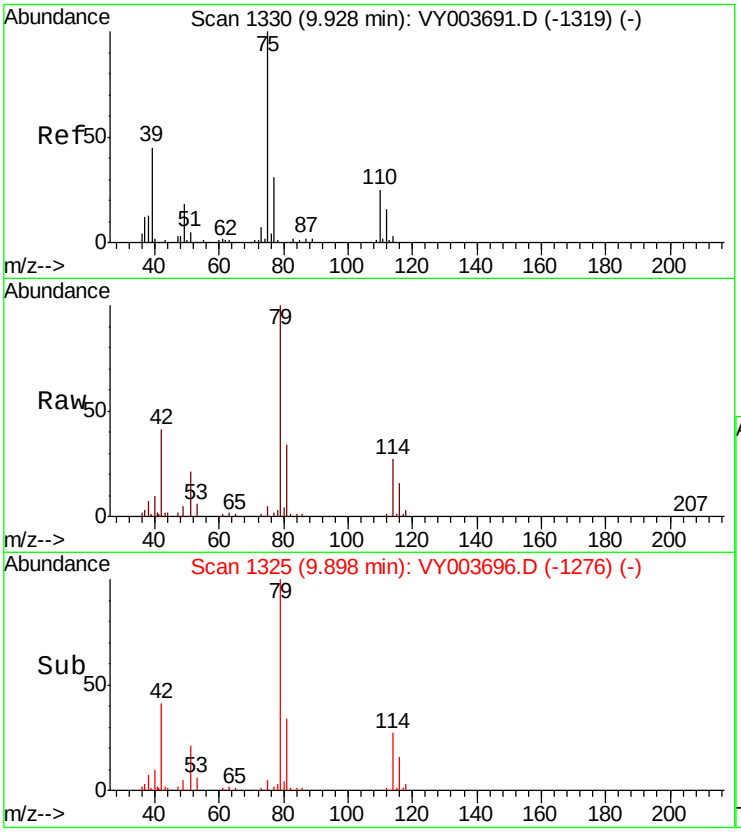


#40
1,2-Dichloropropane
Concen: 3.888 ug/L
RT: 9.12 min Scan# 1198
Delta R.T. -0.10 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Tgt Ion: 63 Resp: 5829

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



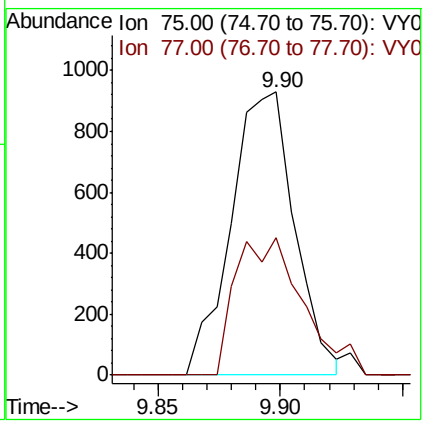


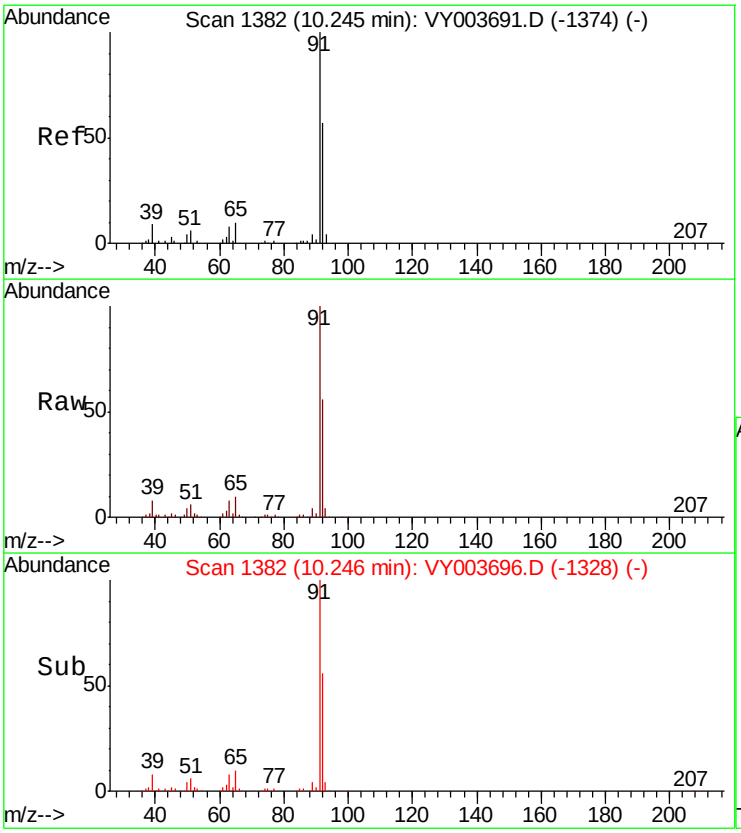
#42
cis-1,3-Dichloropropene
Concen: 0.711 ug/L
RT: 9.90 min Scan# 1325
Delta R.T. -0.03 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GB1F8

Tgt Ion: 75 Resp: 1677

Ion	Ratio	Lower	Upper
75	100		
77	48.4	21.3	39.6#

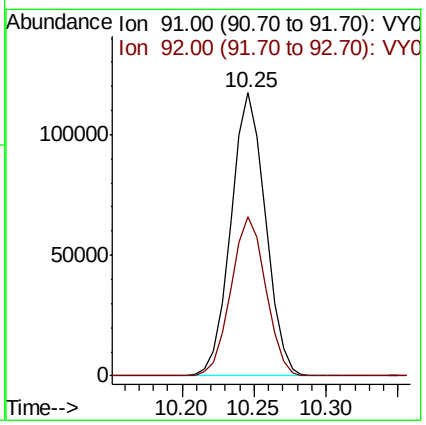


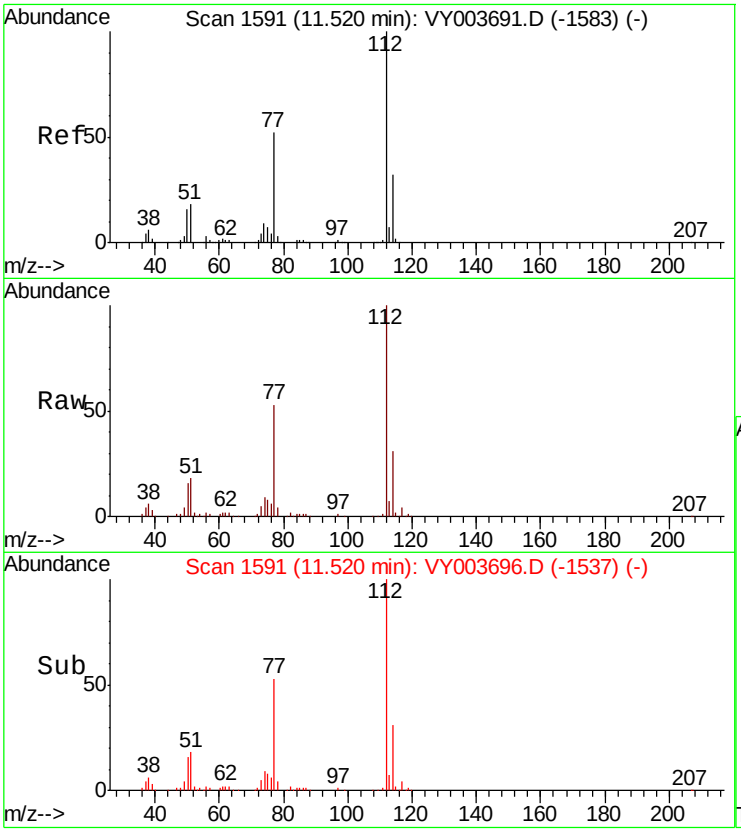


#44
Toluene
Concen: 31.050 ug/L
RT: 10.25 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Tgt Ion: 91 Resp: 195812

Ion	Ratio	Lower	Upper
91	100		
92	56.1	39.8	73.8



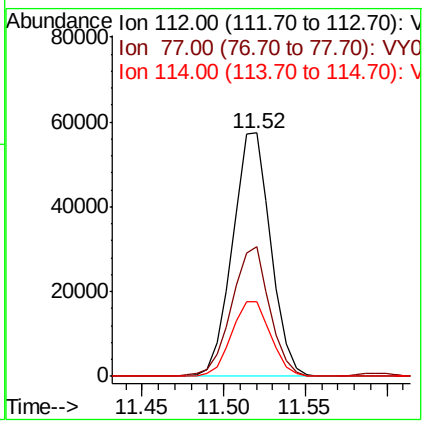


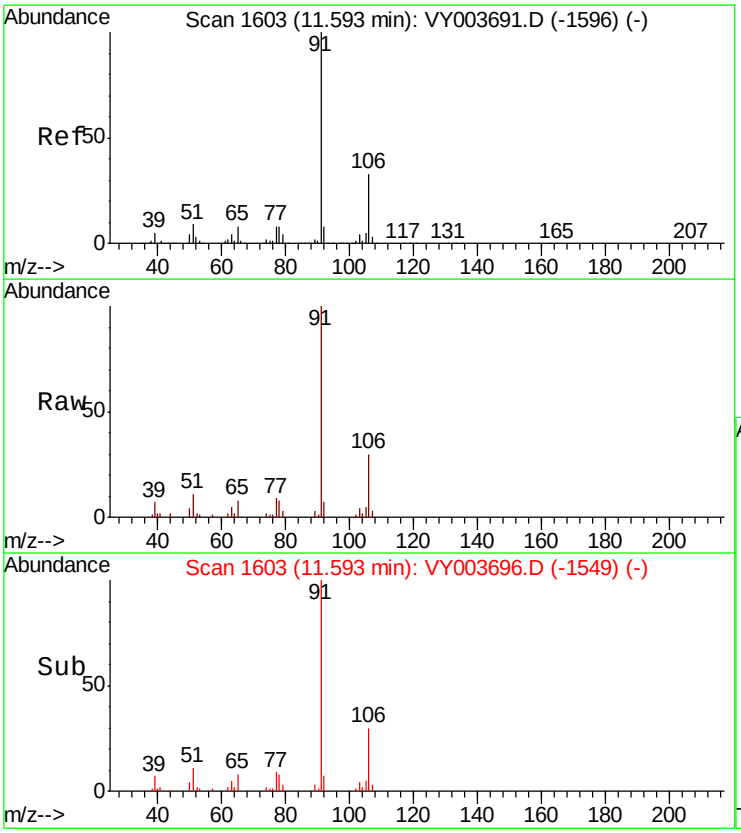
#52
Chlorobenzene
Concen: 22.546 ug/L
RT: 11.52 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GB1F8

Tgt Ion:112 Resp: 93570

Ion	Ratio	Lower	Upper
112	100		
77	53.2	44.4	66.6
114	30.9	22.4	41.6

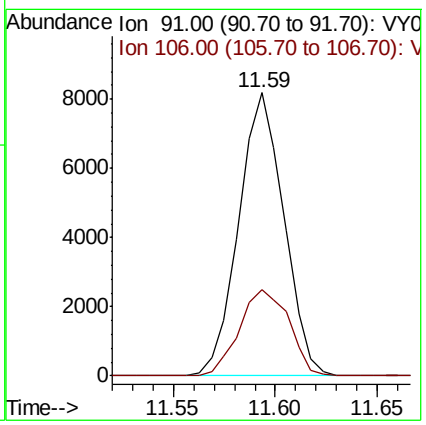


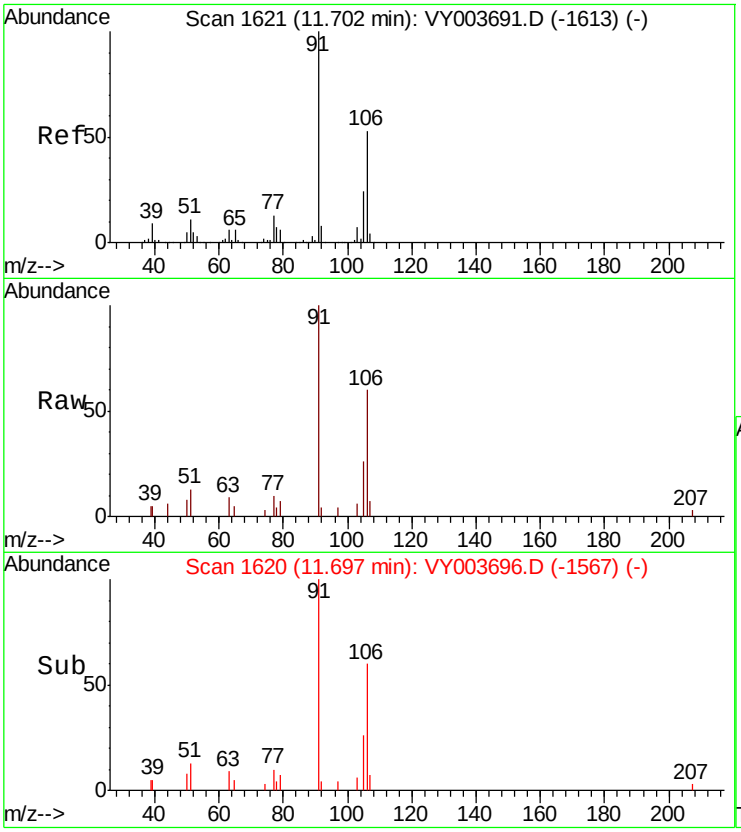


#53
Ethylbenzene
Concen: 1.831 ug/L
RT: 11.59 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Tgt Ion: 91 Resp: 12602

Ion	Ratio	Lower	Upper
91	100		
106	30.3	23.3	43.3



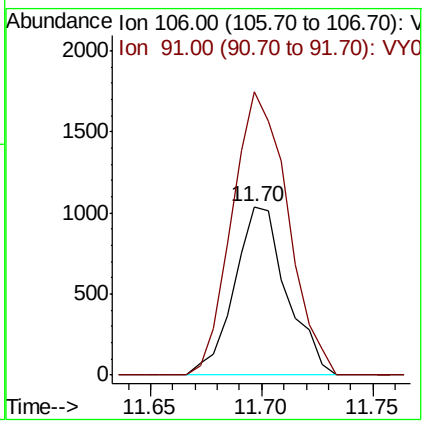


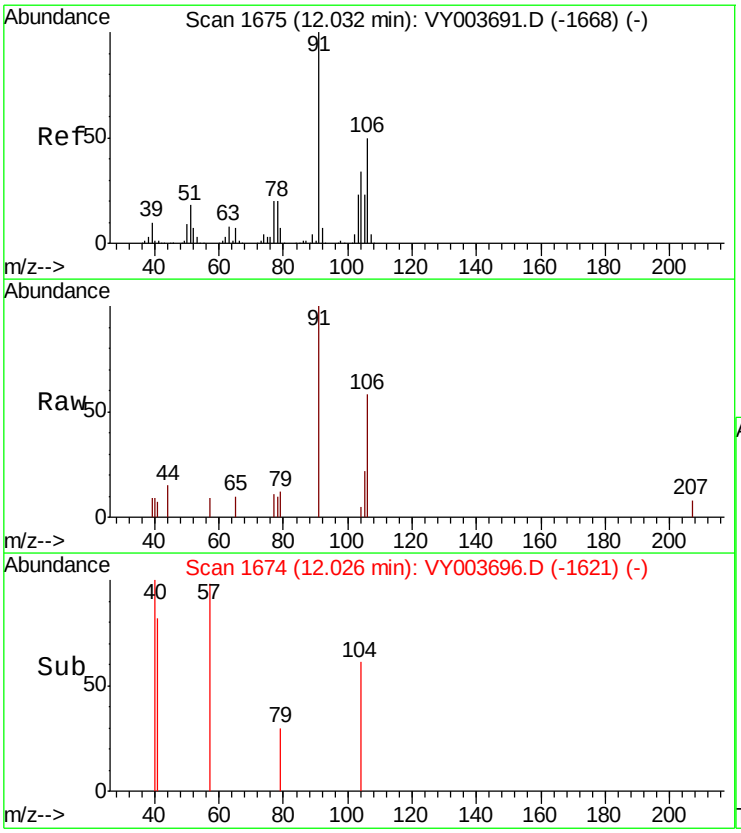
#54
m,p-Xylene
Concen: 0.641 ug/L
RT: 11.70 min Scan# 1620
Delta R.T. -0.01 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GB1F8

Tgt Ion:106 Resp: 1702

Ion	Ratio	Lower	Upper
106	100		
91	167.8	131.3	243.9

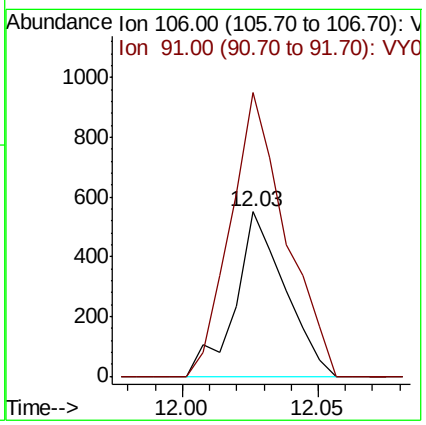


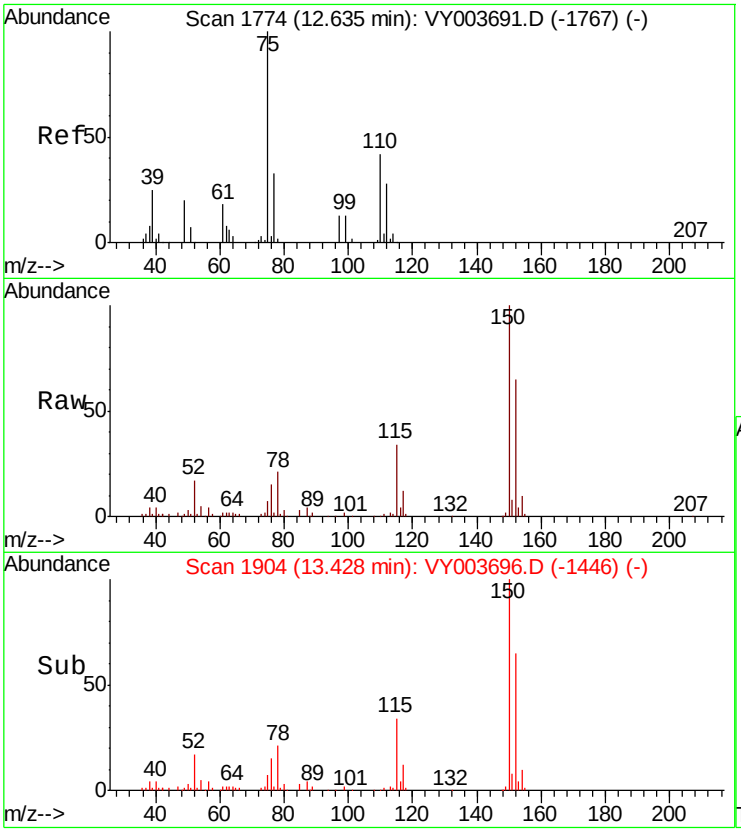


#55
o-xylene
Concen: 0.271 ug/L
RT: 12.03 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Tgt Ion:106 Resp: 690

Ion	Ratio	Lower	Upper
106	100		
91	172.2	141.7	263.3



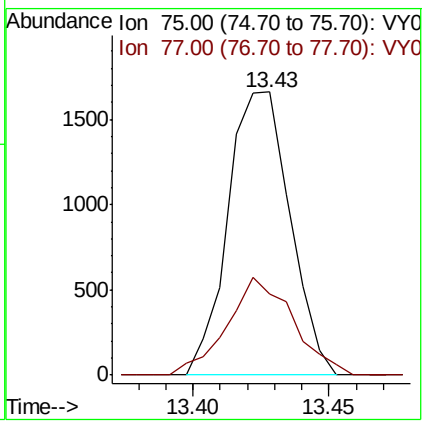


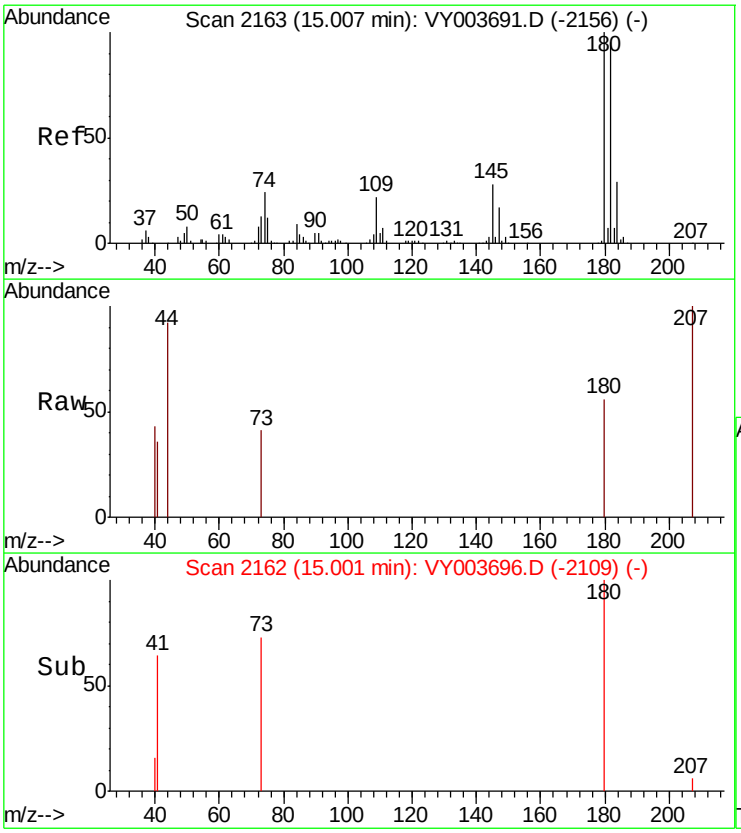
#59
1,2,3-Trichloropropane
Concen: 2.124 ug/L
RT: 13.43 min Scan# 1904
Delta R.T. 0.79 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion: 75 Resp: 2632

Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.9	38.9

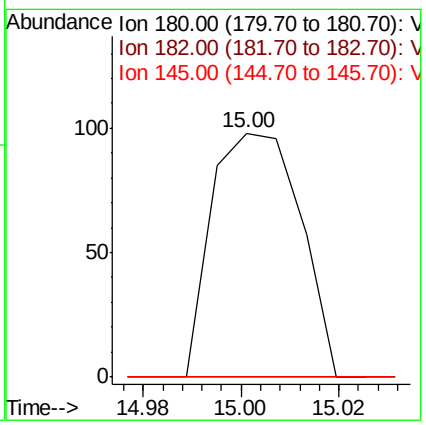


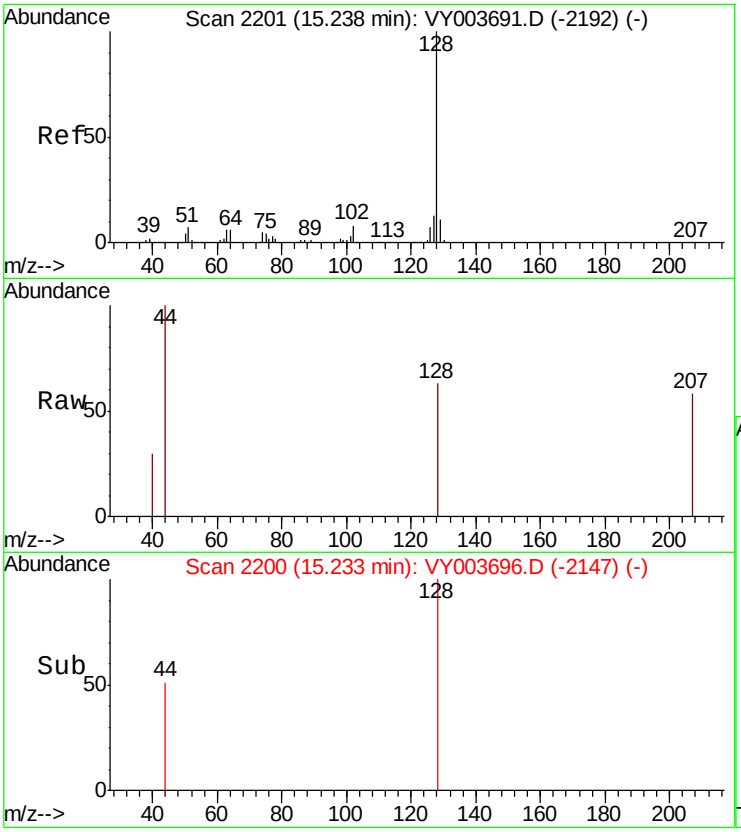


#68
1,2,4-trichlorobenzene
Concen: 0.153 ug/L
RT: 15.00 min Scan# 2162
Delta R.T. -0.01 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Tgt Ion:180 Resp: 123

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.5	114.7#
145	0.0	22.2	33.4#





#69
Naphthalene
Concen: 0.208 ug/L
RT: 15.23 min Scan# 2200
Delta R.T. -0.01 min
Lab File: VY003696.D
Acq: 09 Dec 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GB1F8

Tgt Ion:128 Resp: 350

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