Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120920\
Data File : VY003699.D
Acq On : 09 Dec 2020 14:40
Operator : SY/MD
Sample : L4980-02
Misc : 6.20G/10ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GB1E7

Quant Time: Dec 10 02:29:52 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	192663	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	180758	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	80801	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	53658	19.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.76%			
7) Chloroethane-d5	2.77	69	46215	22.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.92%			
10) 1,1-Dichloroethene-d2	3.86	63	84389	16.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.84%			
20) 2-Butanone-d5	6.90	46	46779	48.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.32%			
24) Chloroform-d	7.49	84	114484	23.09	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.36%			
26) 1,2-Dichloroethane-d4	8.15	65	66361	23.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.16%			
29) Benzene-d6	8.12	84	248557	23.75	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.00%			
33) 1,2-Dichloropropane-d6	9.12	67	75957	24.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.12%			
37) Toluene-d8	10.18	98	228762	24.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.56%			
38) trans-1,3-Dichloropropene-	10.44	79	35894	24.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.00%			
39) 2-Hexanone-d5	10.79	63	39557	50.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.98%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	71620	25.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.84%			
61) 1,2-Dichlorobenzene-d4	13.72	152	78188	26.63	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.52%			
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	3.86	101	890	0.364	ug/L #	17
13) Acetone	3.96	43	4202	5.902	ug/L	92
16) Methylene chloride	4.73	84	3638	1.075	ug/L	76
21) 2-Butanone	6.99	43	1037	0.825	ug/L	100
34) Benzene	8.17	78	4020	0.389	ug/L	100
35) Trichloroethene	8.70	95	5125	1.805	ug/L #	2
36) Methylcyclohexane	9.19	83	2046	0.470	ug/L	93
40) 1,2-Dichloropropane	9.13	63	8395	3.237	ug/L #	86
42) cis-1,3-Dichloropropene	9.90	75	2601	0.637	ug/L #	43
44) Toluene	10.25	91	12188	1.117	ug/L	100
49) 2-Hexanone	10.79	43	4865	2.842	ug/L #	62
53) Ethylbenzene	11.59	91	11732	0.986	ug/L	93
54) m,p-Xylene	11.70	106	1431	0.312	ug/L	77
59) 1,2,3-Trichloropropane	13.42	75	9942	4.639	ug/L	99
69) Naphthalene	15.24	128	1014	0.167	ug/L #	89

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
Data File : VY003699.D
Acq On : 09 Dec 2020 14:40
Operator : SY/MD
Sample : L4980-02
Misc : 6.20G/10ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GB1E7

Quant Time: Dec 10 02:29:52 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120920\
Data File : VY003699.D
Acq On : 09 Dec 2020 14:40
Operator : SY/MD
Sample : L4980-02
Misc : 6.20G/10ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
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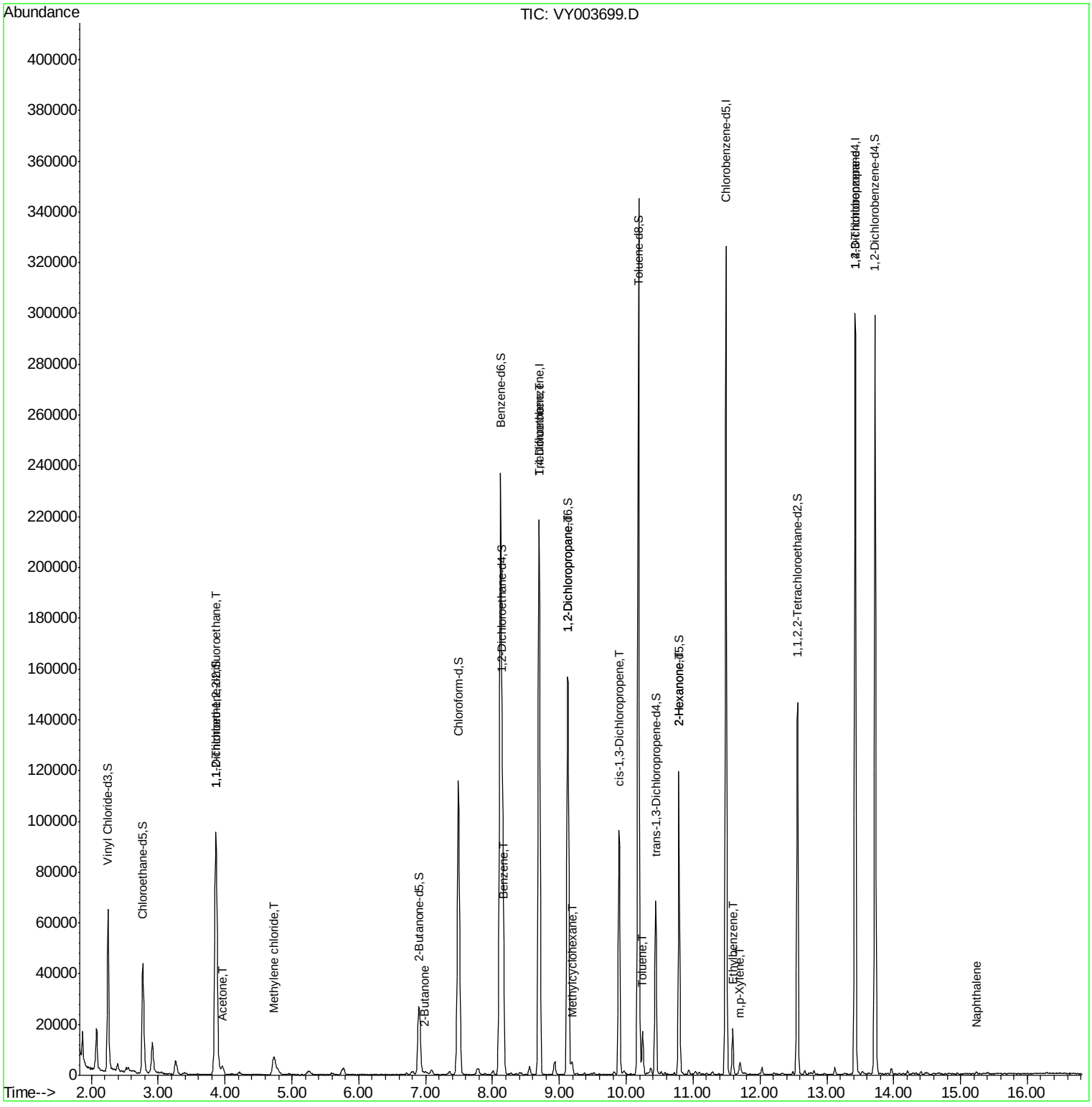
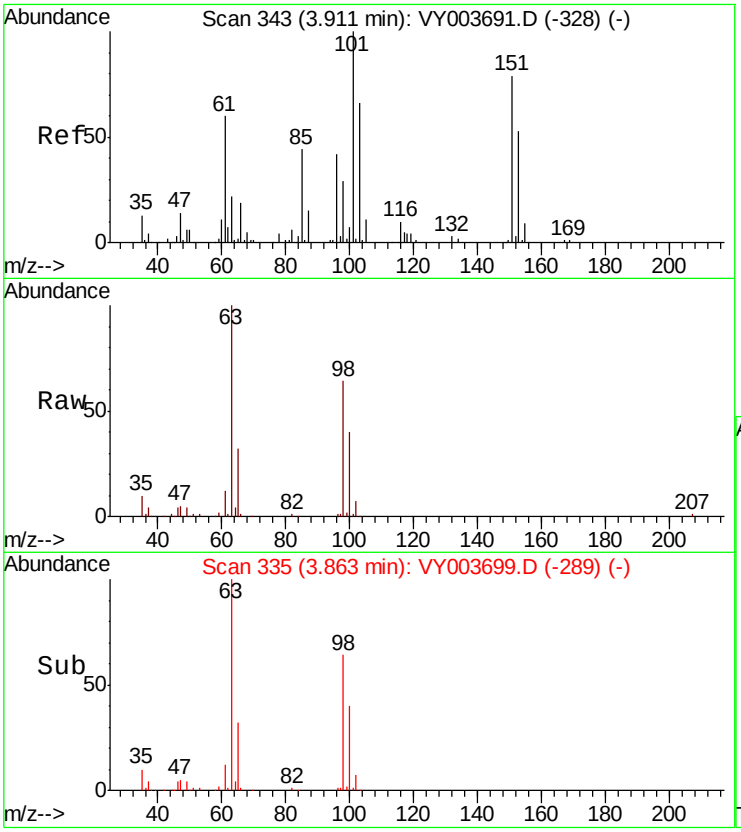
Quant Time: Dec 10 02:29:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 10 02:27:01 2020
Response via : Initial Calibration



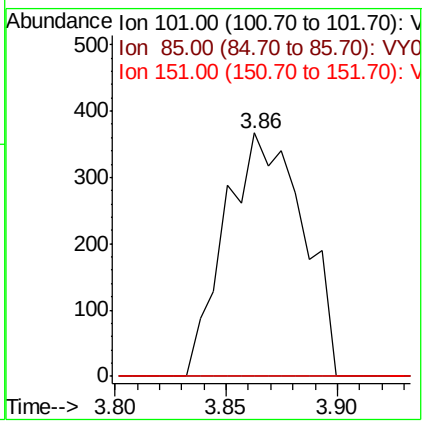


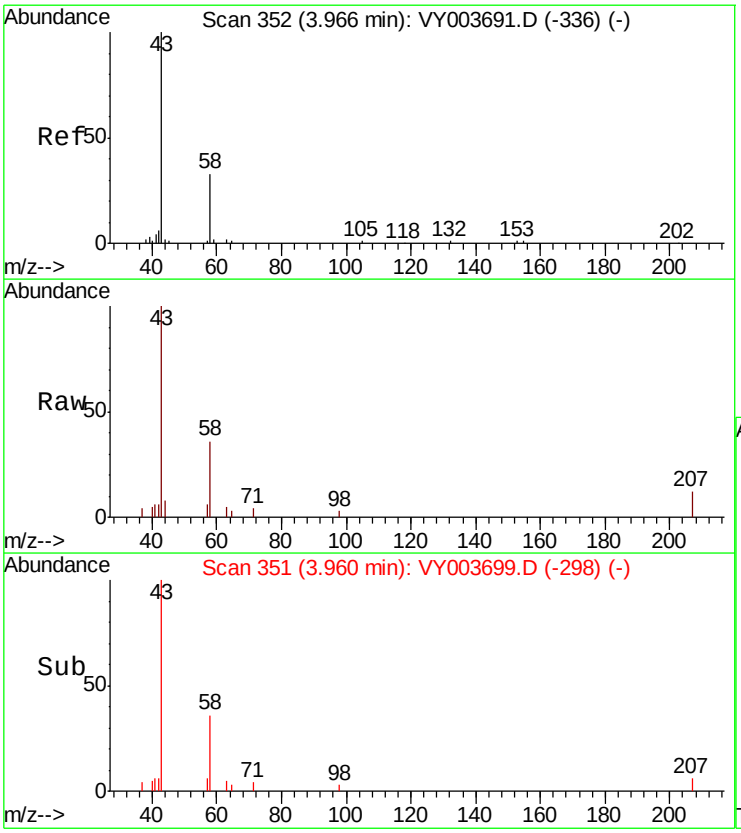
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.364 ug/L
RT: 3.86 min Scan# 335
Delta R.T. -0.05 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Instrument : MSVOA_Y
ClientSampleId : GB1E7

Tgt Ion:101 Resp: 890

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

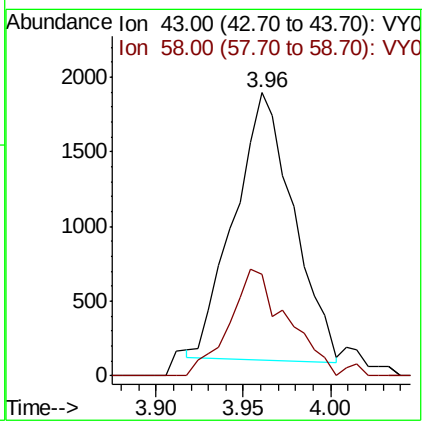


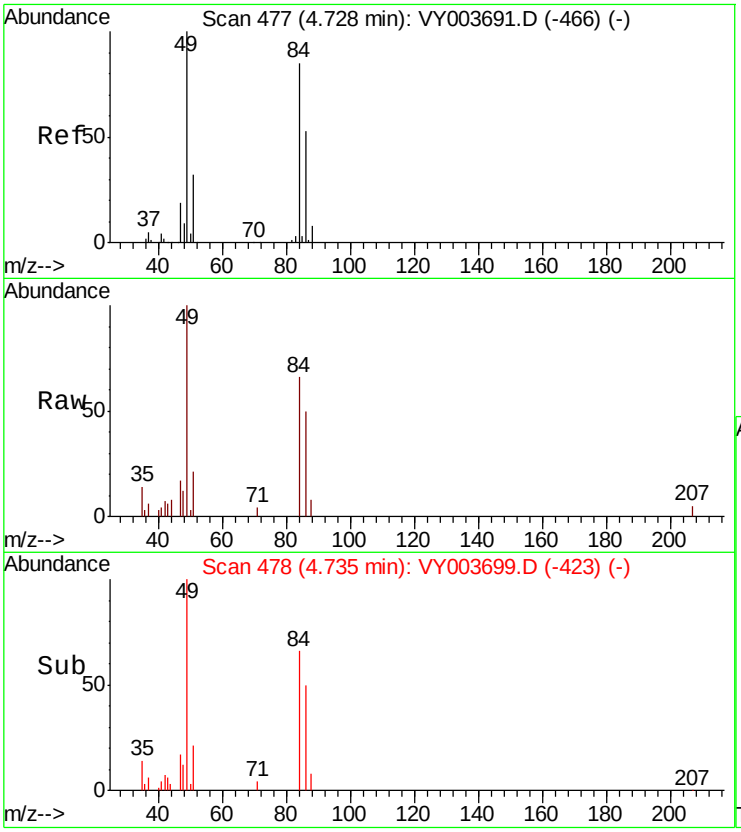


#13
Acetone
Concen: 5.902 ug/L
RT: 3.96 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Tgt Ion: 43 Resp: 4202

Ion	Ratio	Lower	Upper
43	100		
58	39.0	0.0	68.8



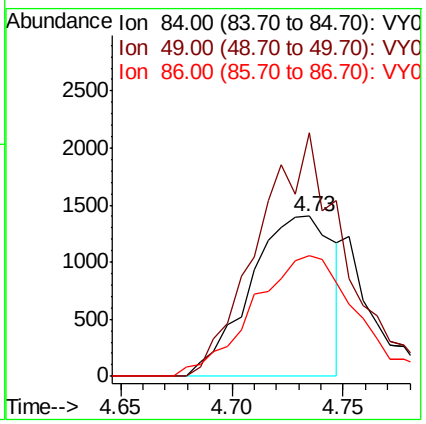


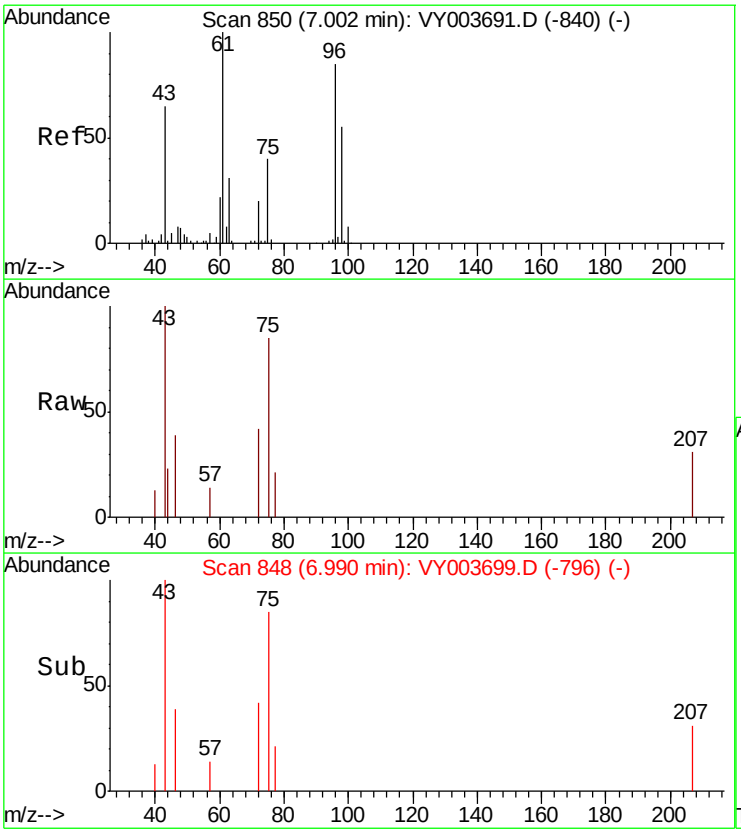
#16
Methylene chloride
Concen: 1.075 ug/L
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Instrument : MSVOA_Y
ClientSampleId : GB1E7

Tgt Ion: 84 Resp: 3638

Ion	Ratio	Lower	Upper
84	100		
49	152.1	83.7	155.4
86	75.4	45.0	83.6

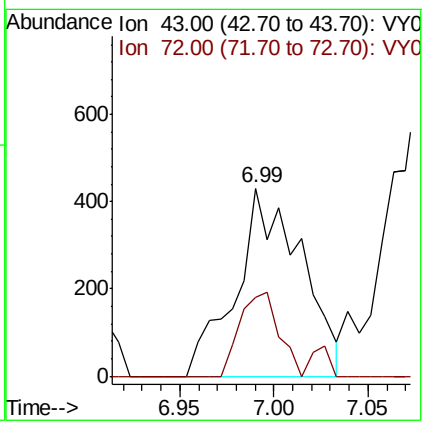


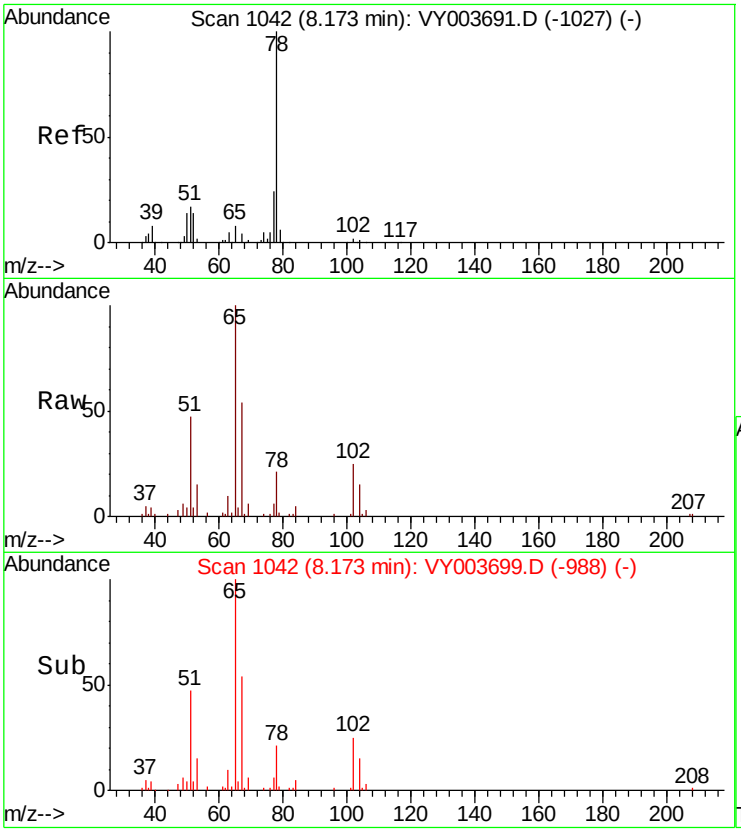


#21
2-Butanone
Concen: 0.825 ug/L
RT: 6.99 min Scan# 848
Delta R.T. -0.01 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Tgt Ion: 43 Resp: 1037

Ion	Ratio	Lower	Upper
43	100		
72	26.7	13.3	39.9

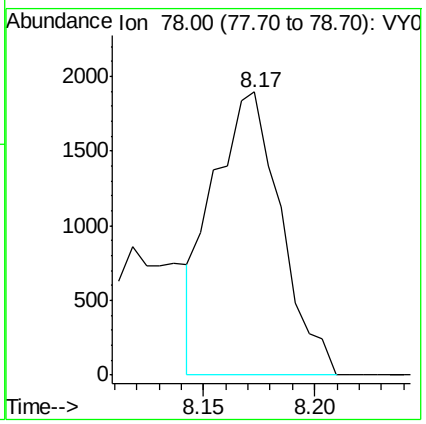


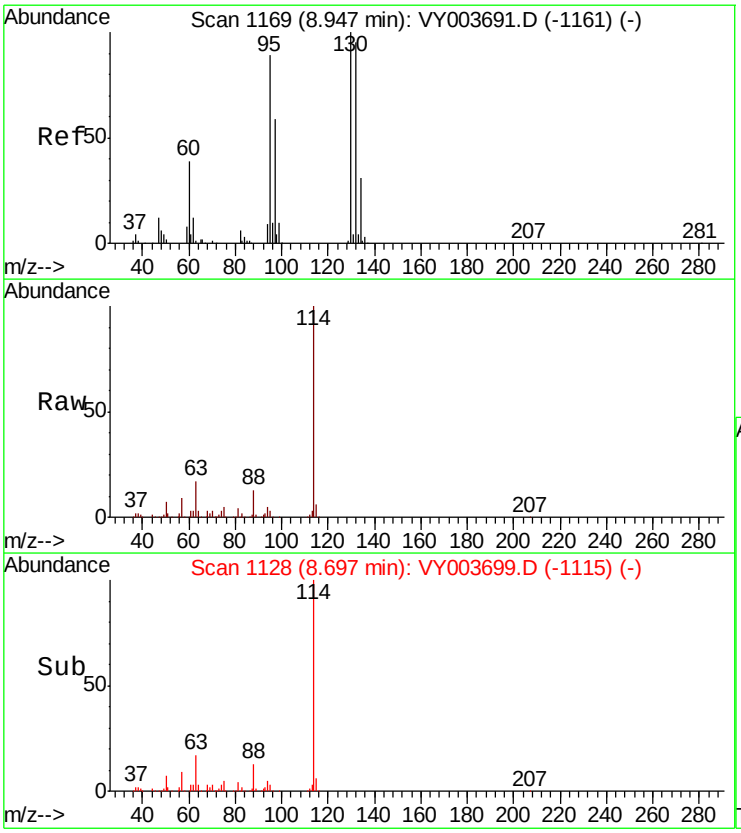


#34
Benzene
Concen: 0.389 ug/L
RT: 8.17 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Instrument :
MSVOA_Y
ClientSampleId :
GB1E7

Tgt Ion: 78 Resp: 4020

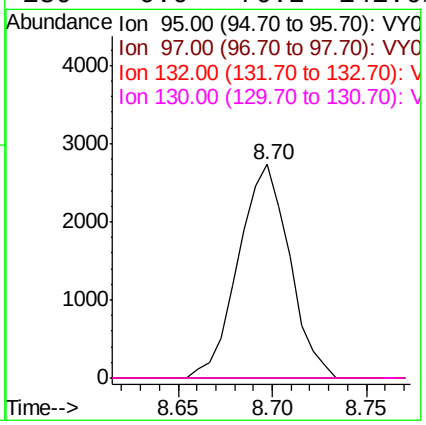


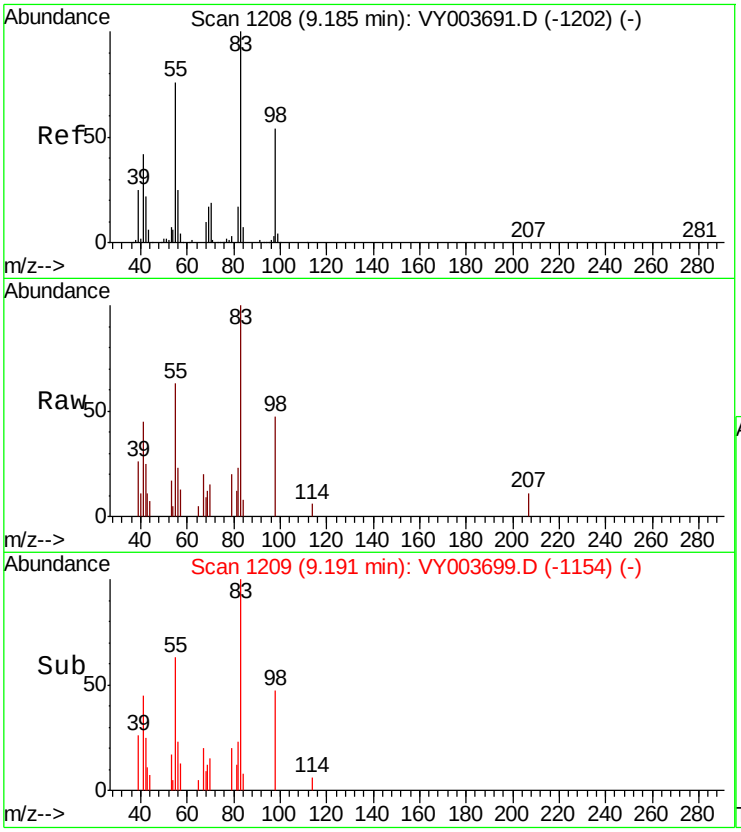


#35
Trichloroethene
Concen: 1.805 ug/L
RT: 8.70 min Scan# 1128
Delta R.T. -0.25 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Tgt Ion: 95 Resp: 5125

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.8	85.0#
132	0.4	74.2	137.8#
130	0.0	76.2	141.6#



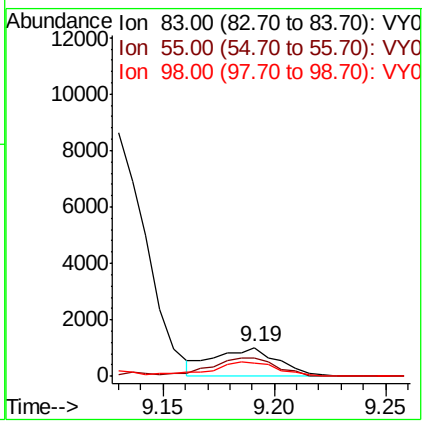


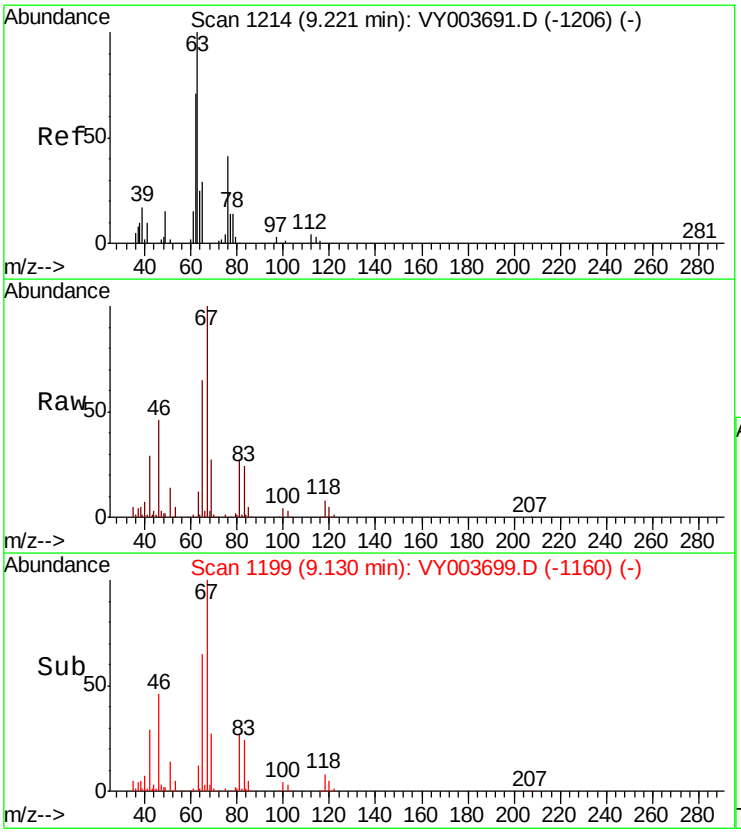
#36
Methylcyclohexane
Concen: 0.470 ug/L
RT: 9.19 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Instrument : MSVOA_Y
ClientSampleId : GB1E7

Tgt Ion: 83 Resp: 2046

Ion	Ratio	Lower	Upper
83	100		
55	61.7	56.4	84.6
98	52.3	40.3	60.5

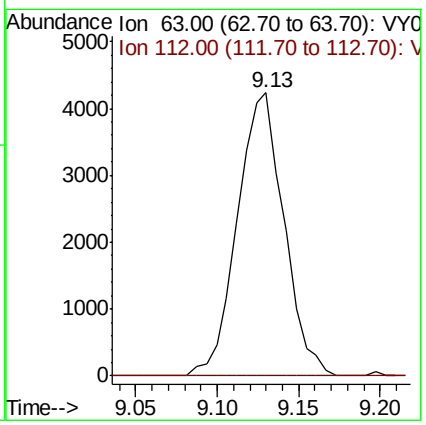


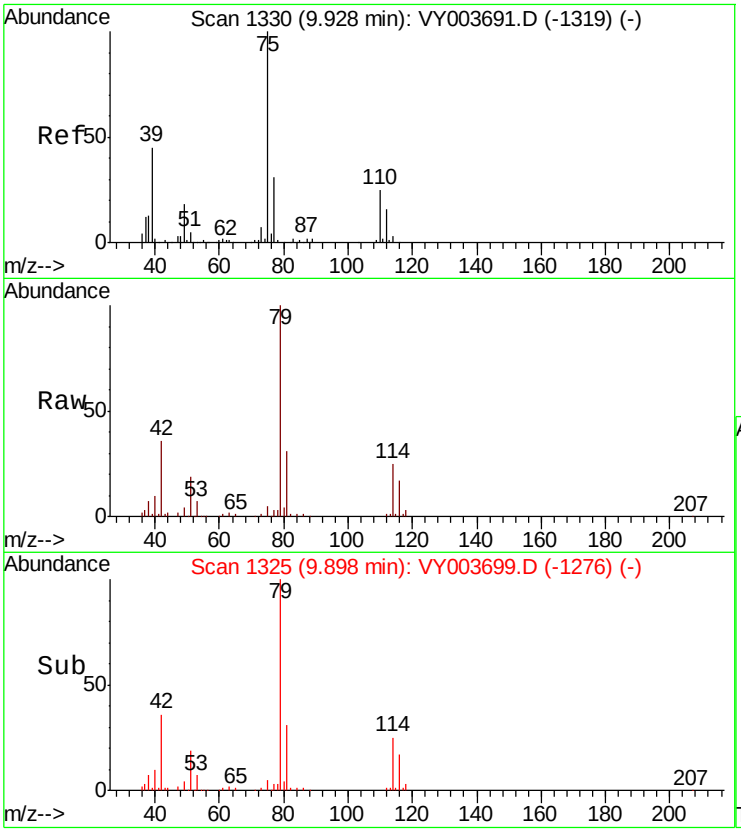


#40
1,2-Dichloropropane
Concen: 3.237 ug/L
RT: 9.13 min Scan# 1199
Delta R.T. -0.09 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Tgt Ion: 63 Resp: 8395

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



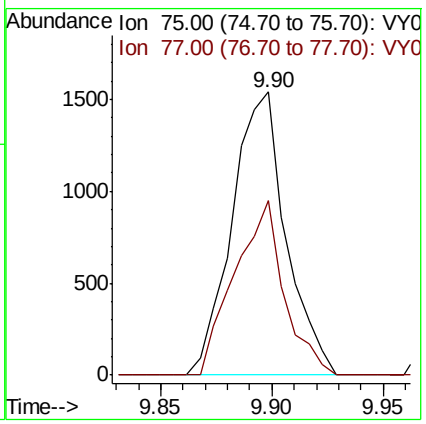


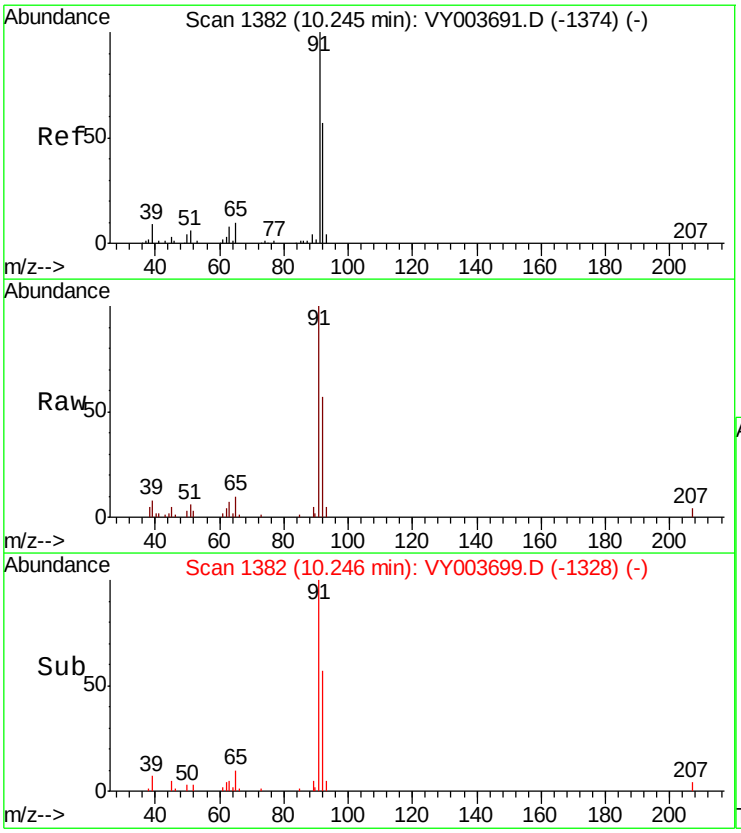
#42
cis-1,3-Dichloropropene
Concen: 0.637 ug/L
RT: 9.90 min Scan# 1325
Delta R.T. -0.03 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Instrument :
MSVOA_Y
ClientSampleId :
GB1E7

Tgt Ion: 75 Resp: 2601

Ion	Ratio	Lower	Upper
75	100		
77	61.8	21.3	39.6#

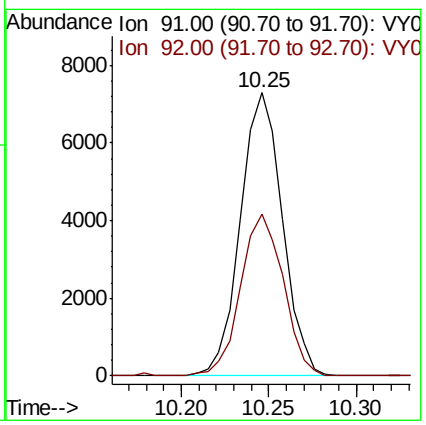


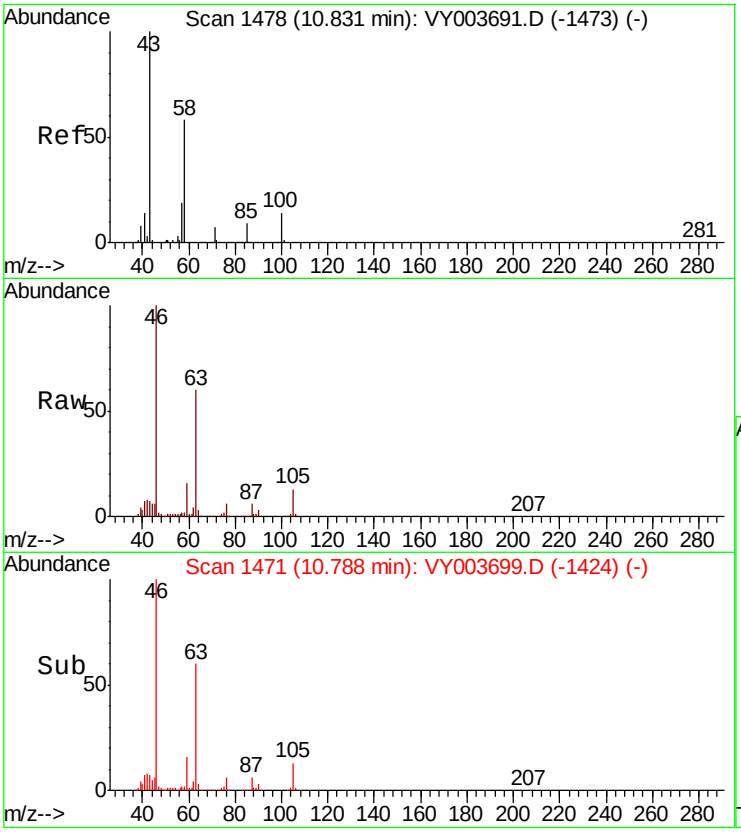


#44
Toluene
Concen: 1.117 ug/L
RT: 10.25 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Tgt Ion: 91 Resp: 12188

Ion	Ratio	Lower	Upper
91	100		
92	57.0	39.8	73.8



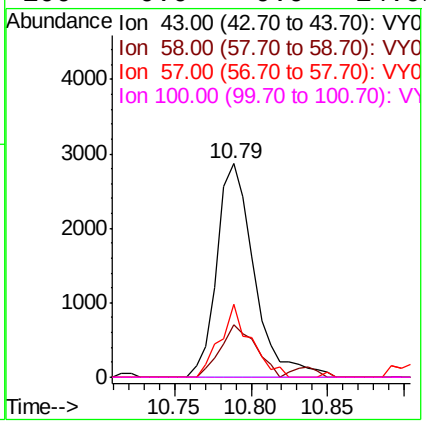


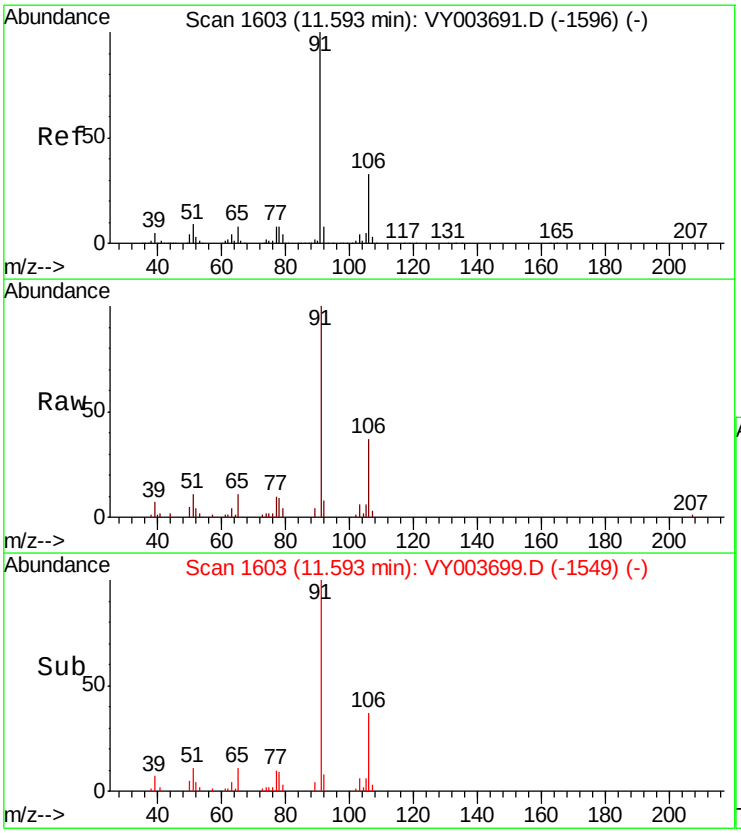
#49
2-Hexanone
Concen: 2.842 ug/L
RT: 10.79 min Scan# 1471
Delta R.T. -0.04 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Instrument : MSVOA_Y
ClientSampleId : GB1E7

Tgt Ion: 43 Resp: 4865

Ion	Ratio	Lower	Upper
43	100		
58	23.1	44.8	67.2#
57	27.9	14.8	22.2#
100	0.0	9.9	14.9#

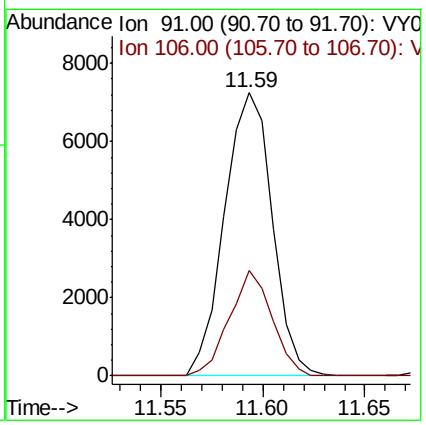


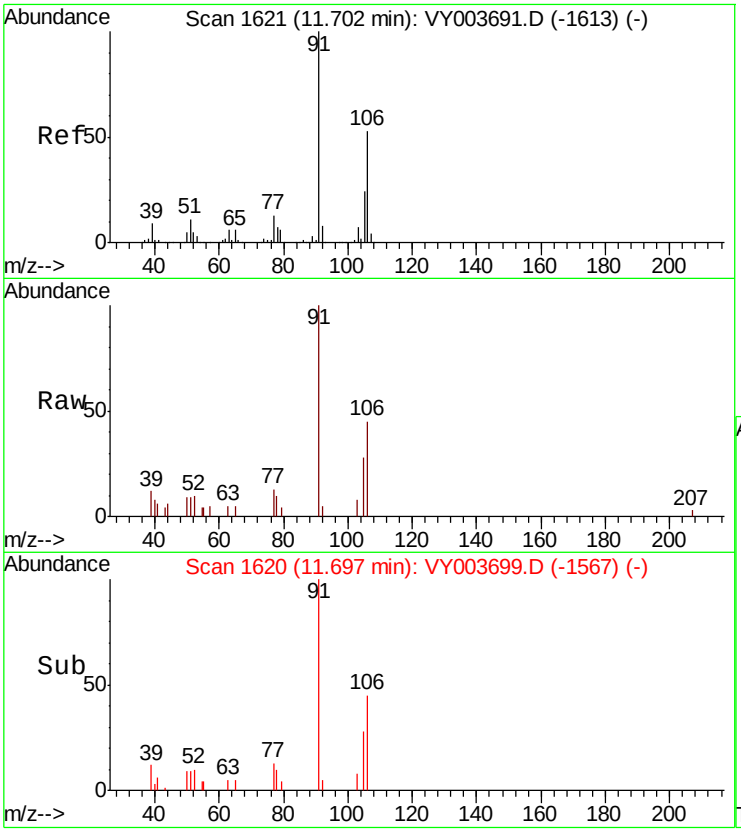


#53
Ethylbenzene
Concen: 0.986 ug/L
RT: 11.59 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Tgt Ion: 91 Resp: 11732

Ion	Ratio	Lower	Upper
91	100		
106	37.4	23.3	43.3



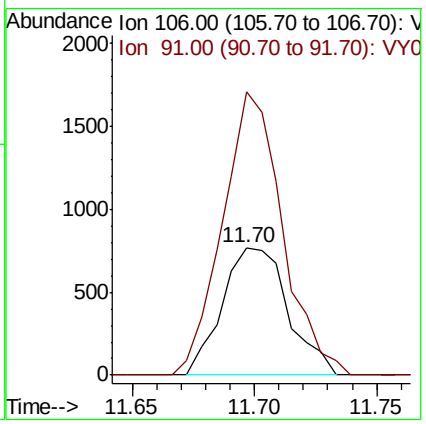


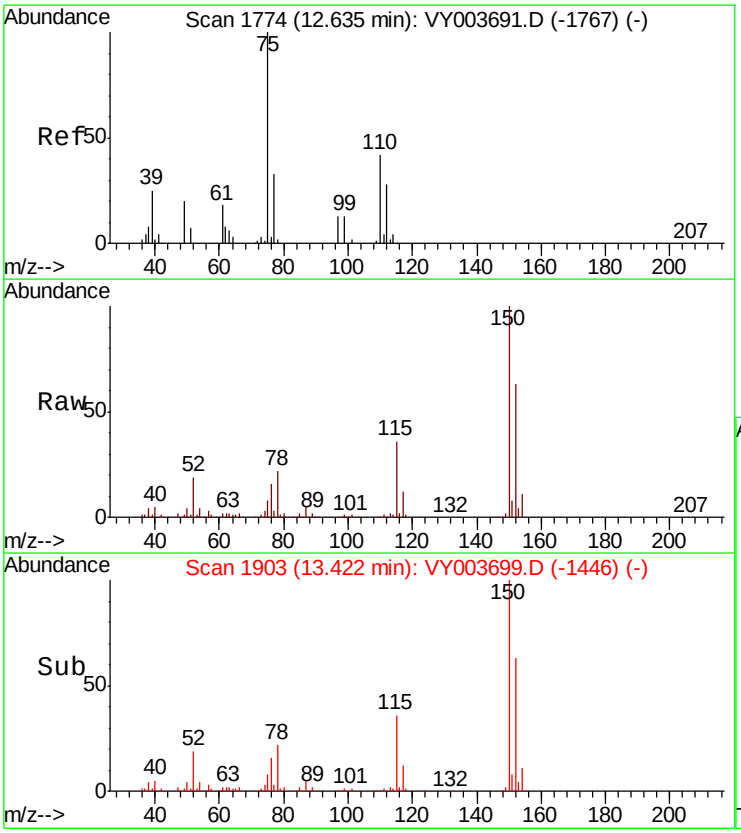
#54
m,p-Xylene
Concen: 0.312 ug/L
RT: 11.70 min Scan# 1620
Delta R.T. -0.01 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Instrument : MSVOA_Y
ClientSampleId : GB1E7

Tgt Ion:106 Resp: 1431

Ion	Ratio	Lower	Upper
106	100		
91	221.7	131.3	243.9

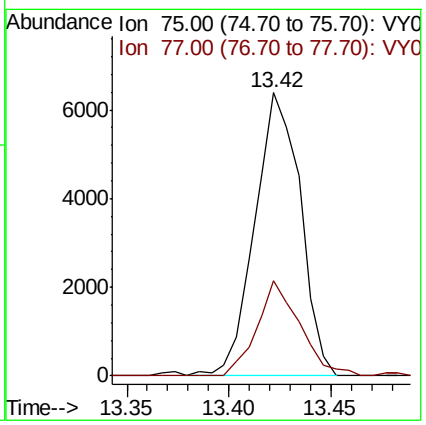


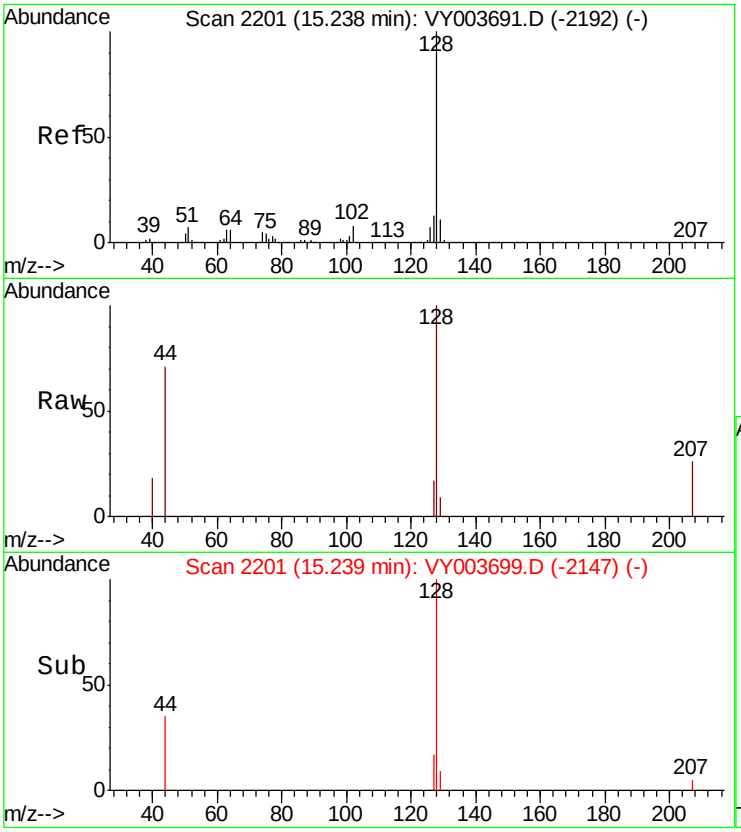


#59
1,2,3-Trichloropropane
Concen: 4.639 ug/L
RT: 13.42 min Scan# 1903
Delta R.T. 0.79 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Tgt Ion: 75 Resp: 9942

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.9	38.9





#69
Naphthalene
Concen: 0.167 ug/L
RT: 15.24 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Instrument :
MSVOA_Y
ClientSampleId :
GB1E7

Tgt Ion:128 Resp: 1014

Ion	Ratio	Lower	Upper
128	100		
129	6.7	8.7	13.1#
127	8.4	10.2	15.4#