Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120920\
Data File : VY003694.D
Acq On : 09 Dec 2020 12:46
Operator : SY/MD
Sample : L4979-06RE
Misc : 6.53G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Quant Time: Dec 10 02:29:06 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	174562	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	109001	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	20970	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	54842	22.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.88%			
7) Chloroethane-d5	2.77	69	45451	24.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.64%			
10) 1,1-Dichloroethene-d2	3.86	63	85763	18.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.84%			
20) 2-Butanone-d5	6.90	46	42156	47.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.80%			
24) Chloroform-d	7.49	84	105207	23.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.68%			
26) 1,2-Dichloroethane-d4	8.15	65	56485	22.35	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.40%			
29) Benzene-d6	8.12	84	225360	35.71	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 142.84%#			
33) 1,2-Dichloropropane-d6	9.12	67	63743	34.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 136.52%#			
37) Toluene-d8	10.19	98	168951	29.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 119.48%			
38) trans-1,3-Dichloropropene-	10.44	79	24299	27.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.92%			
39) 2-Hexanone-d5	10.79	63	26834	57.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.72%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	31329	18.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 75.32%			
61) 1,2-Dichlorobenzene-d4	13.73	152	16932	22.22	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.88%			
Target Compounds						Qvalue
3) Chloromethane	2.12	50	554	0.260	ug/L	95
13) Acetone	3.96	43	18195	28.204	ug/L	94
14) Carbon disulfide	4.20	76	3395	0.488	ug/L #	93
15) Methyl Acetate	4.49	43	562	0.346	ug/L #	68
16) Methylene chloride	4.72	84	5861	1.912	ug/L	92
21) 2-Butanone	7.00	43	3310	2.906	ug/L	86
25) Chloroform	7.50	83	1069	0.267	ug/L #	30
30) Cyclohexane	7.79	56	914	0.389	ug/L #	73
34) Benzene	8.16	78	4211	0.675	ug/L	100
36) Methylcyclohexane	9.19	83	1562	0.595	ug/L #	75
40) 1,2-Dichloropropane	9.12	63	6900	4.412	ug/L #	86
44) Toluene	10.25	91	17241	2.621	ug/L	95
53) Ethylbenzene	11.59	91	13819	1.925	ug/L	94
54) m,p-Xylene	11.71	106	1528	0.552	ug/L	70
55) o-xylene	12.03	106	740	0.279	ug/L	82
59) 1,2,3-Trichloropropane	13.43	75	2664	2.061	ug/L	98
63) 1,3-Dichlorobenzene	13.37	146	395	0.317	ug/L #	75

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
Data File : VY003694.D
Acq On : 09 Dec 2020 12:46
Operator : SY/MD
Sample : L4979-06RE
Misc : 6.53G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Quant Time: Dec 10 02:29:06 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)
65) 1,2-Dichlorobenzene	13.74	146	289	0.253 ug/L #	57
67) 1,3,5-Trichlorobenzene	14.50	180	396	0.449 ug/L #	1
68) 1,2,4-trichlorobenzene	15.01	180	260	0.346 ug/L #	69
69) Naphthalene	15.24	128	478	0.303 ug/L #	81
70) 1,2,3-Trichlorobenzene	15.43	180	318	0.463 ug/L #	39

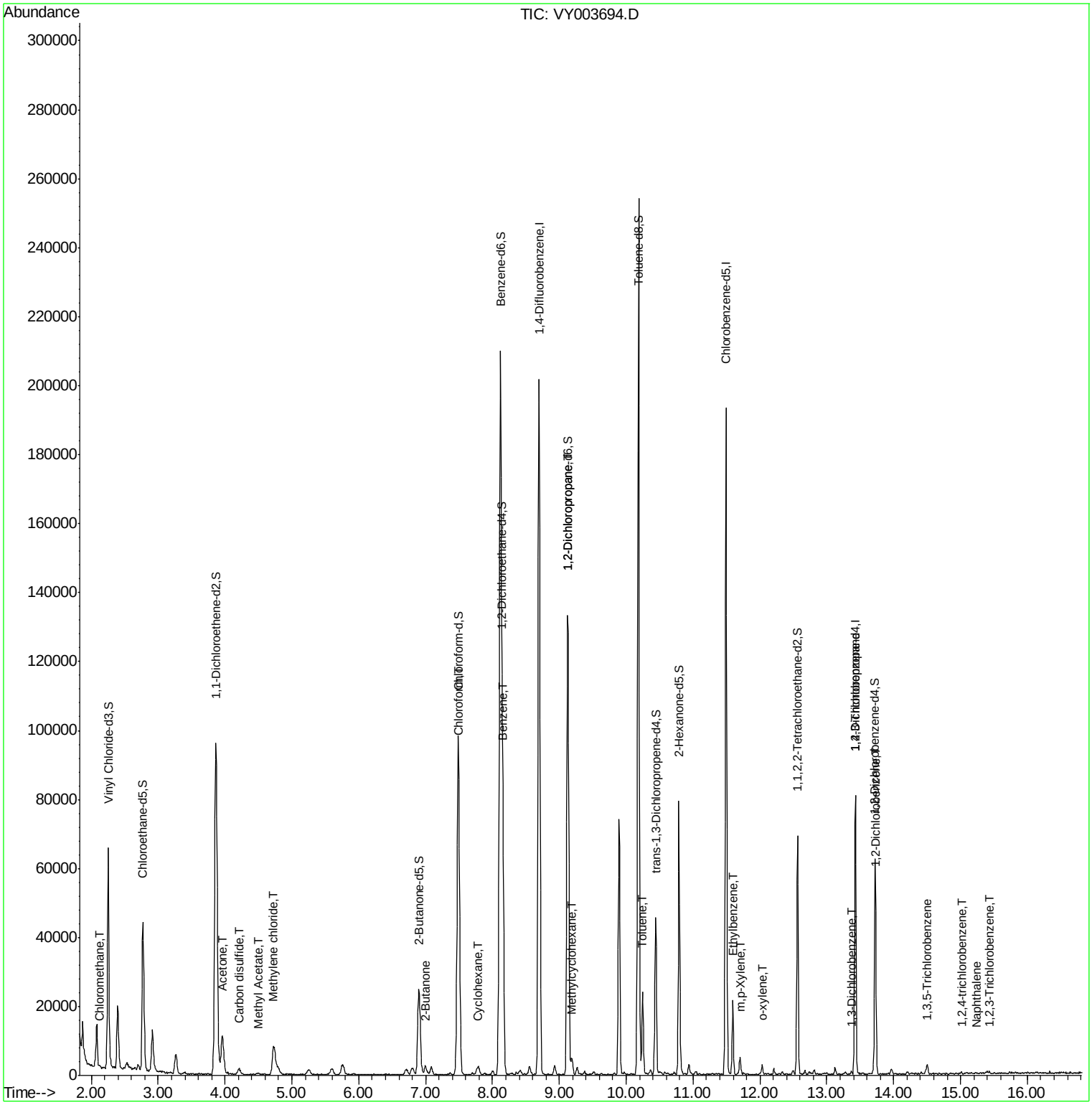
(#) = qualifier out of range (m) = manual integration (+) = signals summed

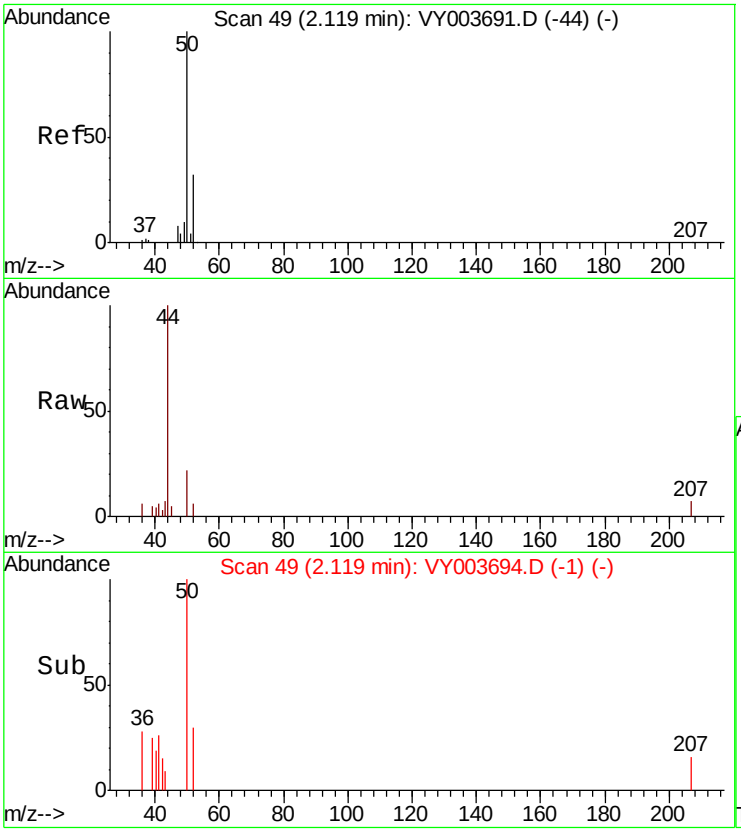
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120920\
Data File : VY003694.D
Acq On : 09 Dec 2020 12:46
Operator : SY/MD
Sample : L4979-06RE
Misc : 6.53G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GB1F8

Quant Time: Dec 10 02:29:06 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



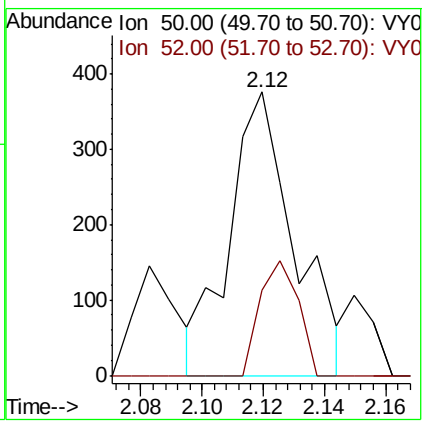


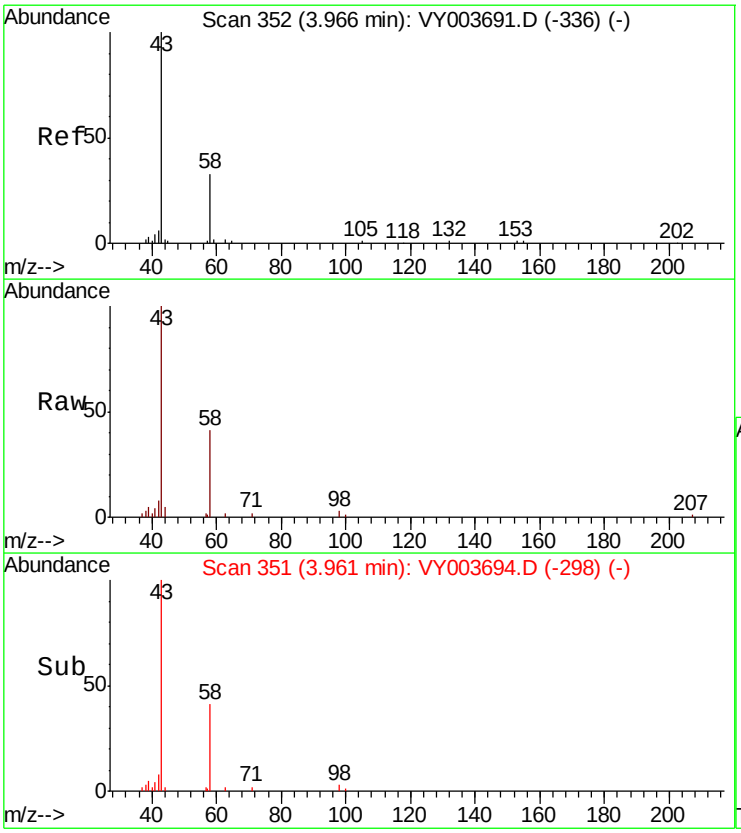
#3
Chloromethane
Concen: 0.260 ug/L
RT: 2.12 min Scan# 49
Delta R.T. 0.00 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
GB1F8

Tgt Ion: 50 Resp: 554

Ion	Ratio	Lower	Upper
50	100		
52	30.1	23.1	42.9

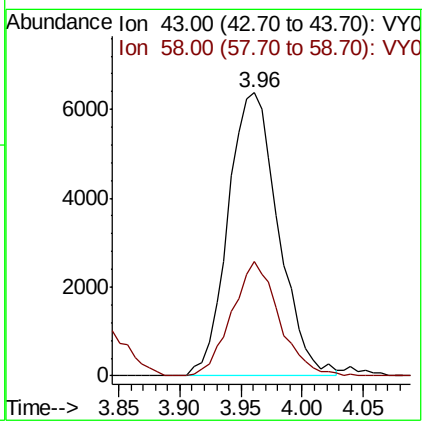


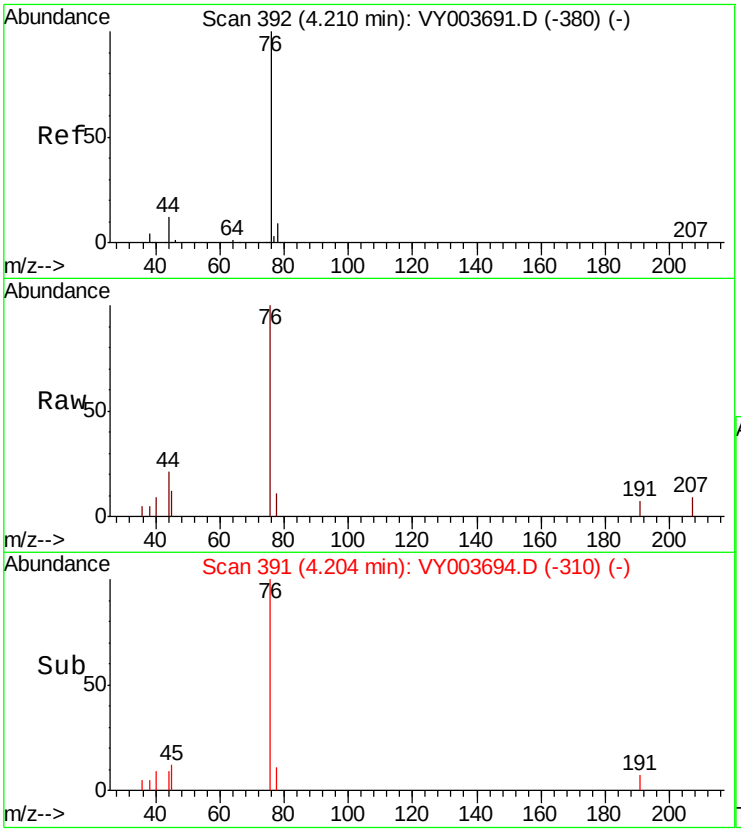


#13
Acetone
Concen: 28.204 ug/L
RT: 3.96 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Tgt Ion: 43 Resp: 18195

Ion	Ratio	Lower	Upper
43	100		
58	38.0	0.0	68.8



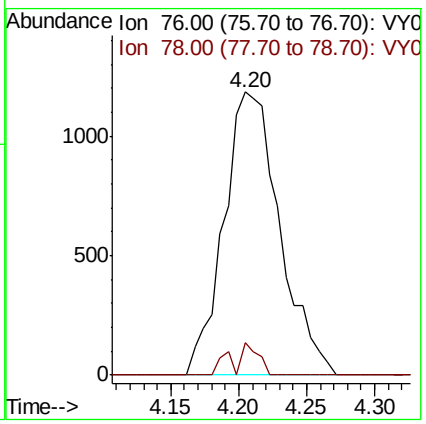


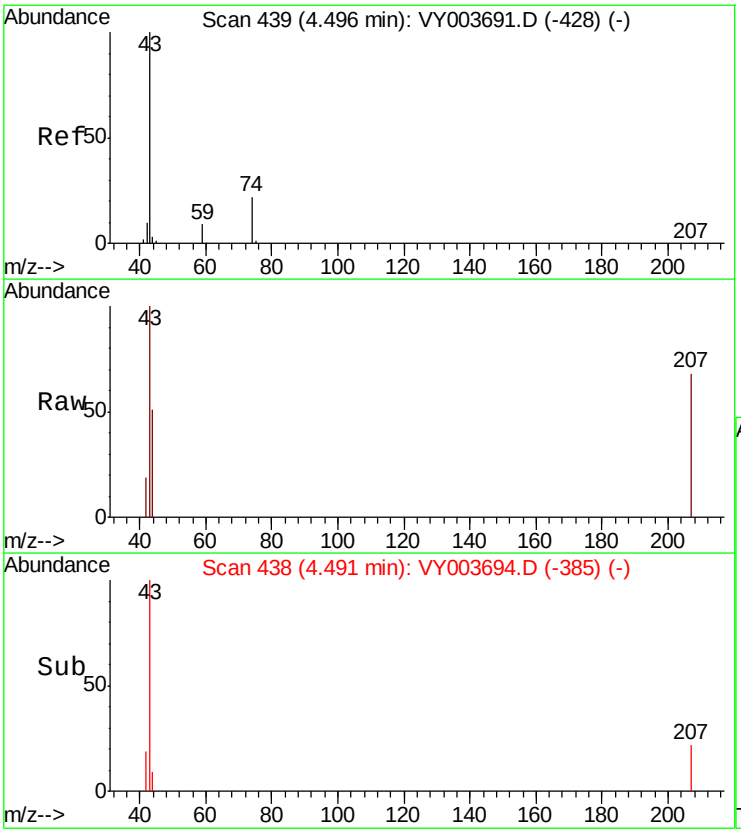
#14
Carbon disulfide
Concen: 0.488 ug/L
RT: 4.20 min Scan# 391
Delta R.T. -0.01 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion: 76 Resp: 3395

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.0	10.6#

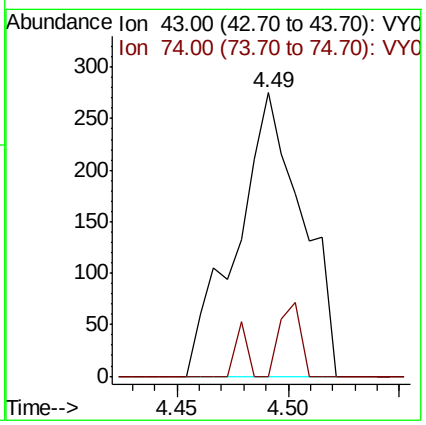


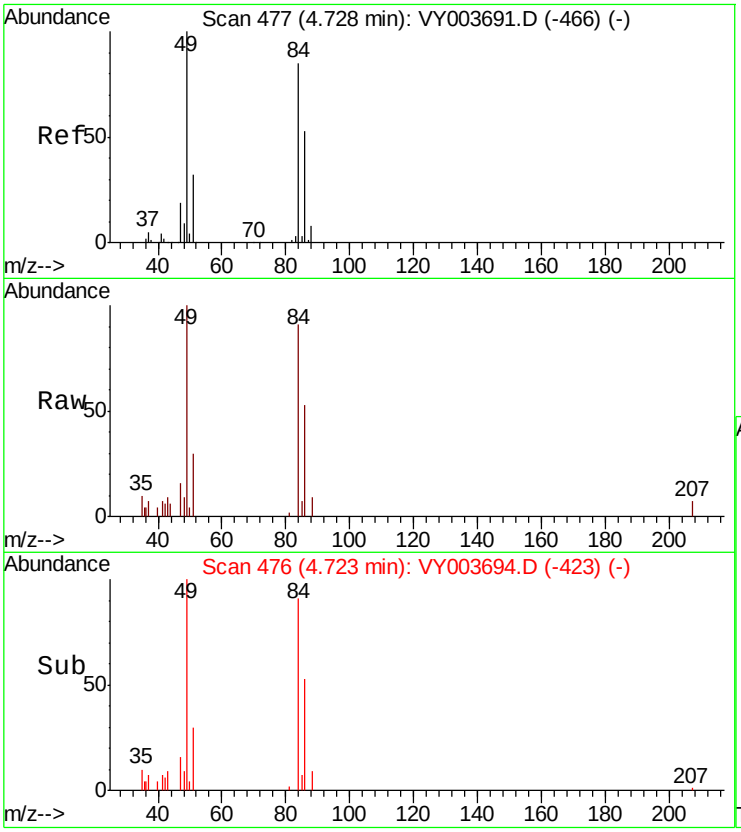


#15
Methyl Acetate
Concen: 0.346 ug/L
RT: 4.49 min Scan# 438
Delta R.T. -0.01 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Tgt Ion: 43 Resp: 562

Ion	Ratio	Lower	Upper
43	100		
74	8.2	19.2	28.8#



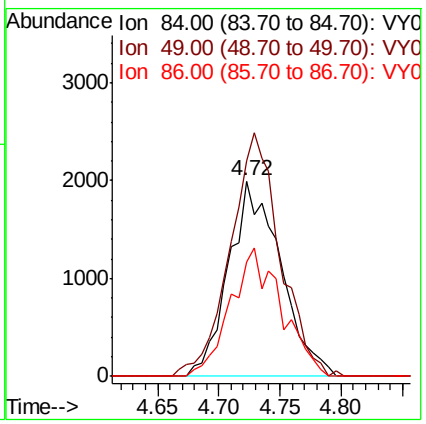


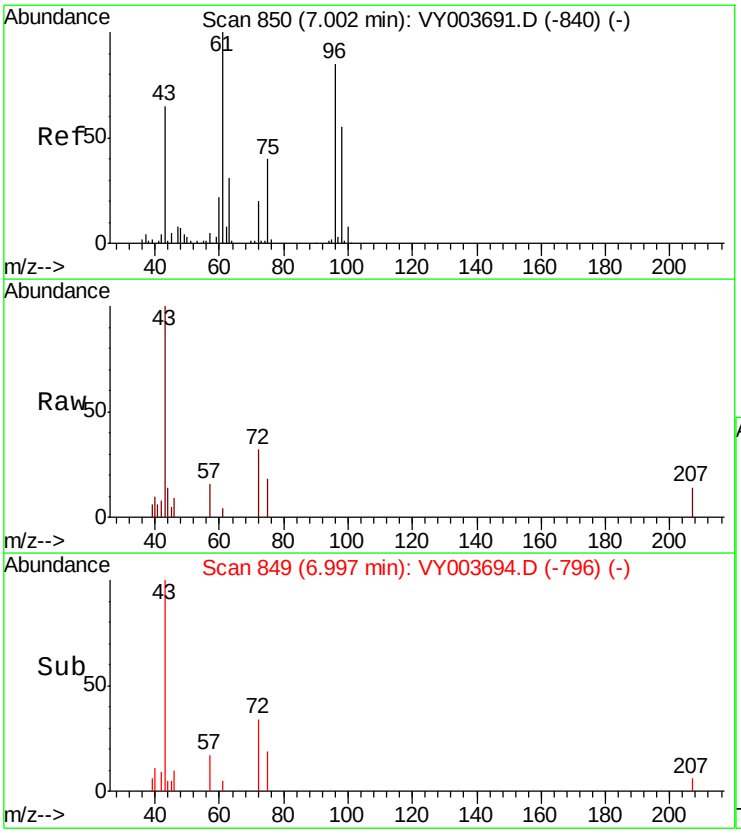
#16
Methylene chloride
Concen: 1.912 ug/L
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion: 84 Resp: 5861

Ion	Ratio	Lower	Upper
84	100		
49	110.4	83.7	155.4
86	58.7	45.0	83.6

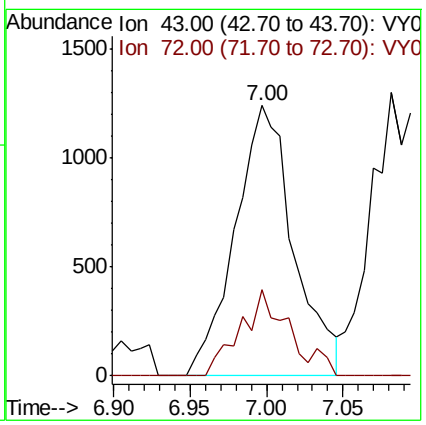


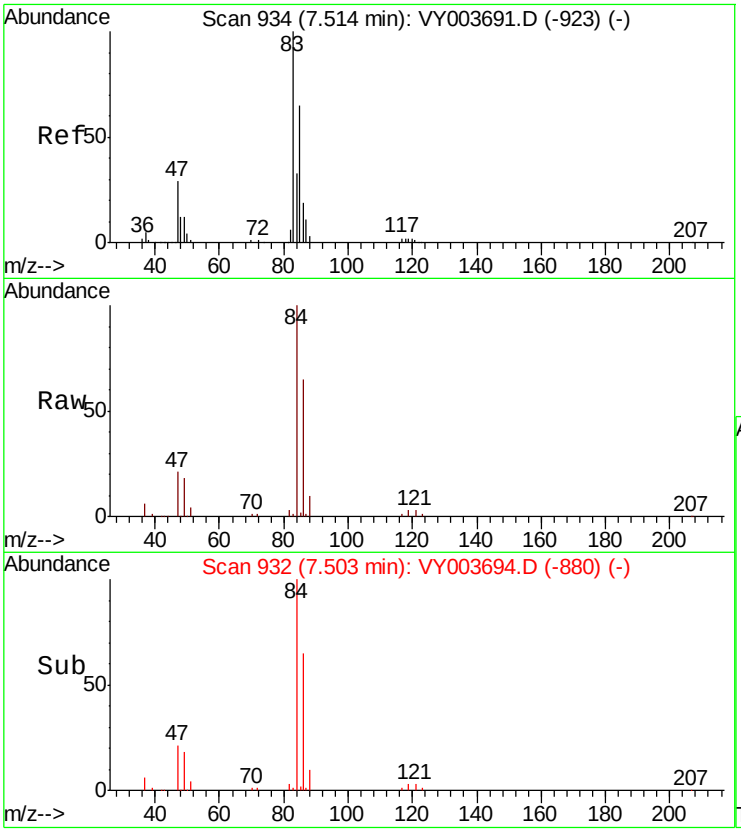


#21
2-Butanone
Concen: 2.906 ug/L
RT: 7.00 min Scan# 849
Delta R.T. -0.01 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Tgt Ion: 43 Resp: 3310

Ion	Ratio	Lower	Upper
43	100		
72	19.5	13.3	39.9



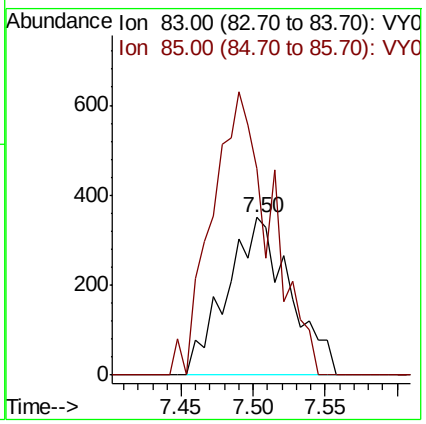


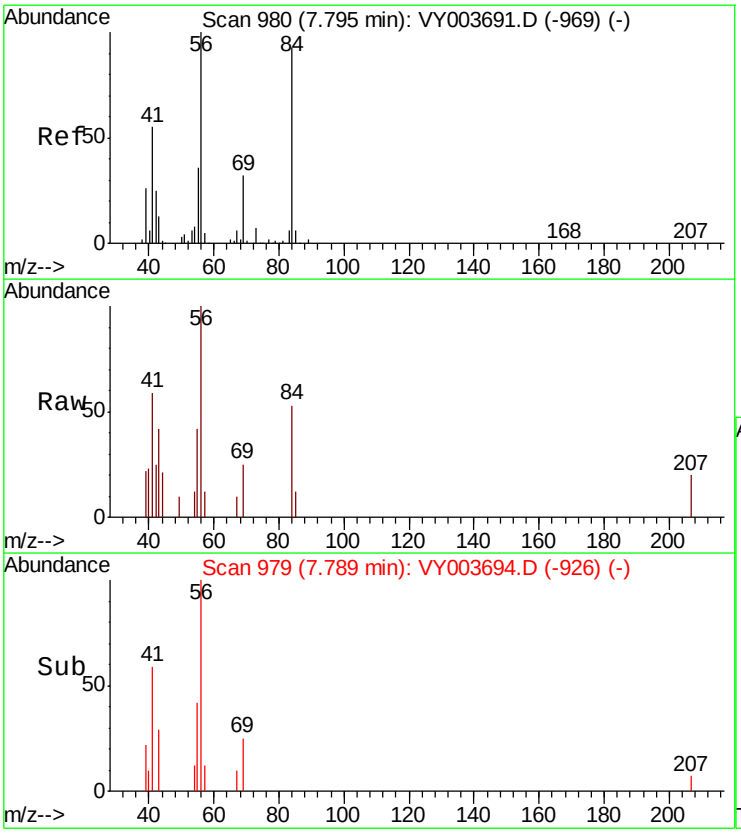
#25
Chloroform
Concen: 0.267 ug/L
RT: 7.50 min Scan# 932
Delta R.T. -0.01 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion: 83 Resp: 1069

Ion	Ratio	Lower	Upper
83	100		
85	10.9	46.5	86.5#

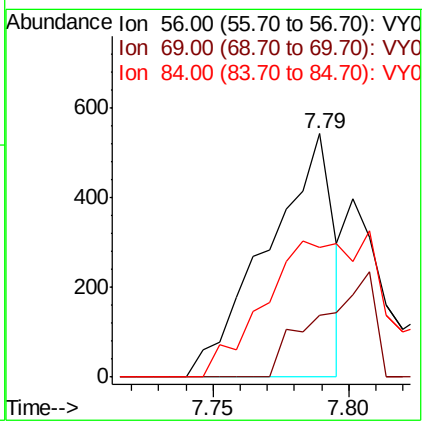


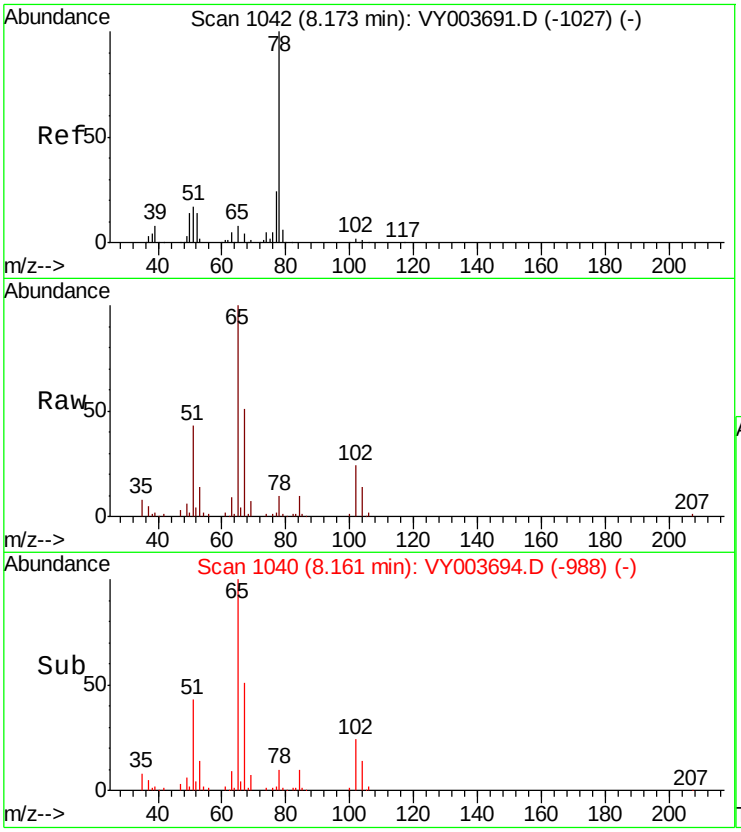


#30
Cyclohexane
Concen: 0.389 ug/L
RT: 7.79 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Tgt Ion: 56 Resp: 914

Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.8	35.8#
84	74.2	73.2	109.8

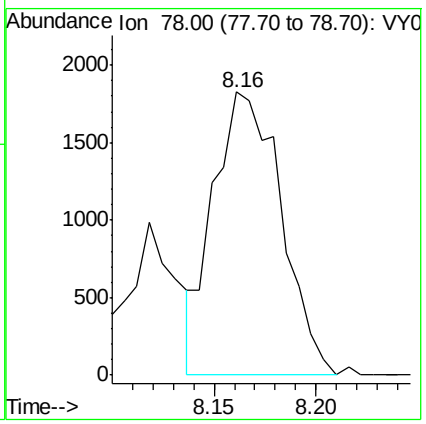


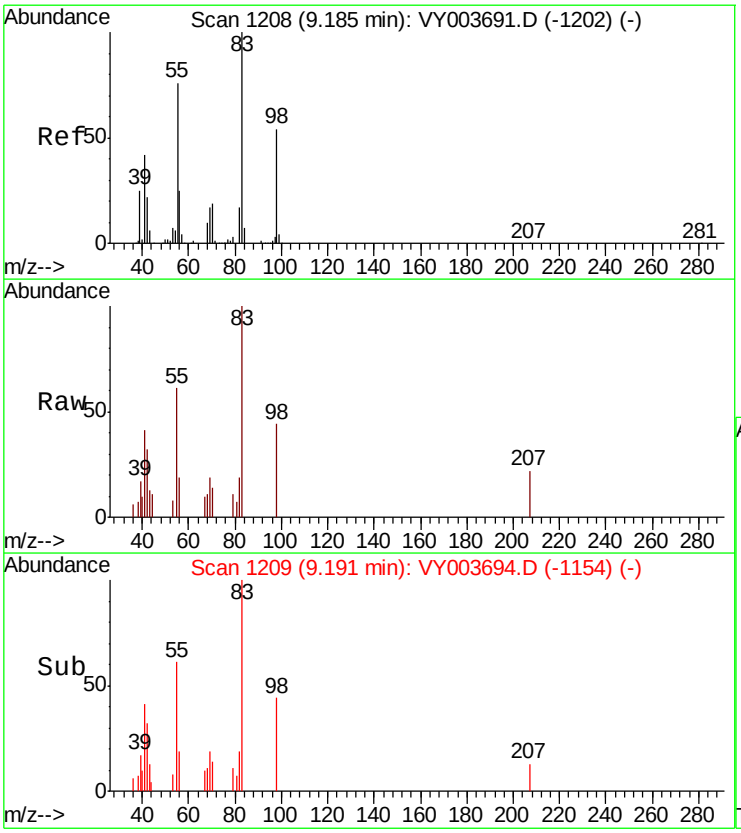


#34
Benzene
Concen: 0.675 ug/L
RT: 8.16 min Scan# 1040
Delta R.T. -0.01 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
GB1F8

Tgt Ion: 78 Resp: 4211

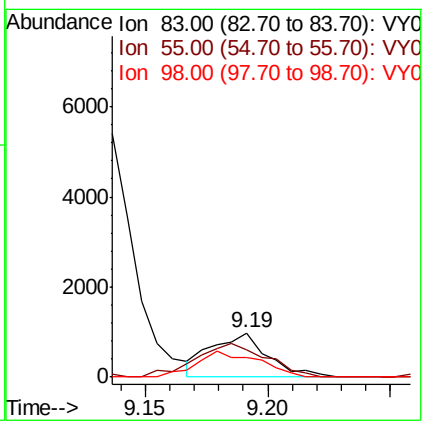


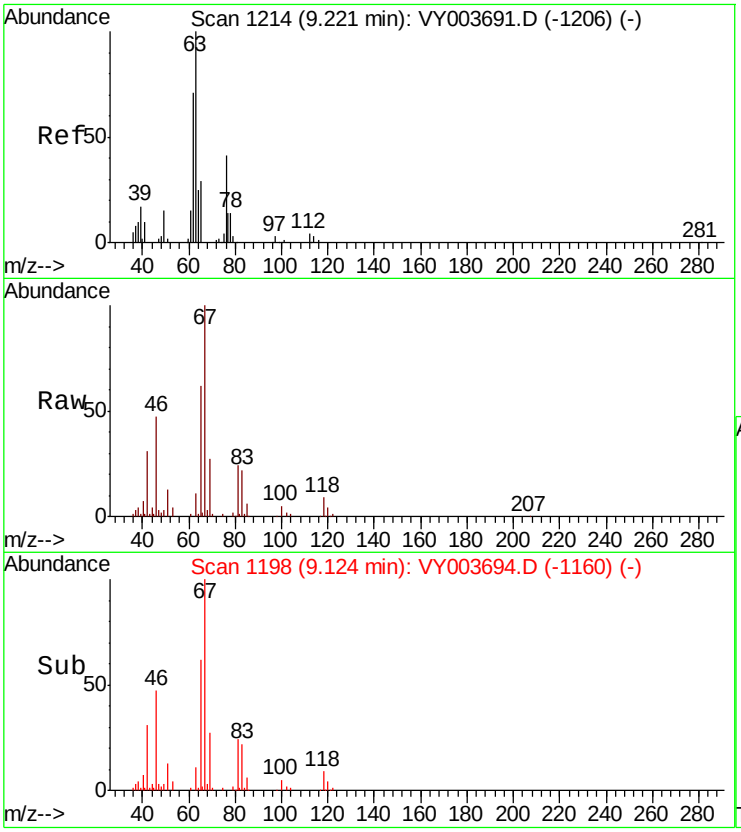


#36
Methylcyclohexane
Concen: 0.595 ug/L
RT: 9.19 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Tgt Ion: 83 Resp: 1562

Ion	Ratio	Lower	Upper
83	100		
55	96.4	56.4	84.6#
98	38.5	40.3	60.5#



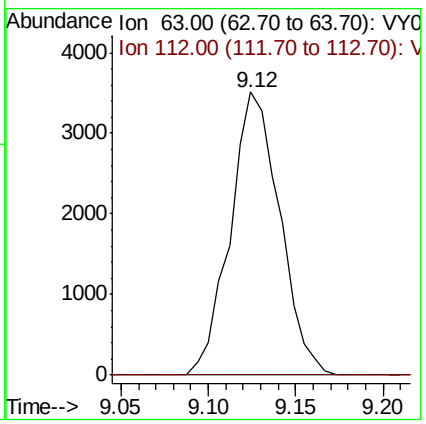


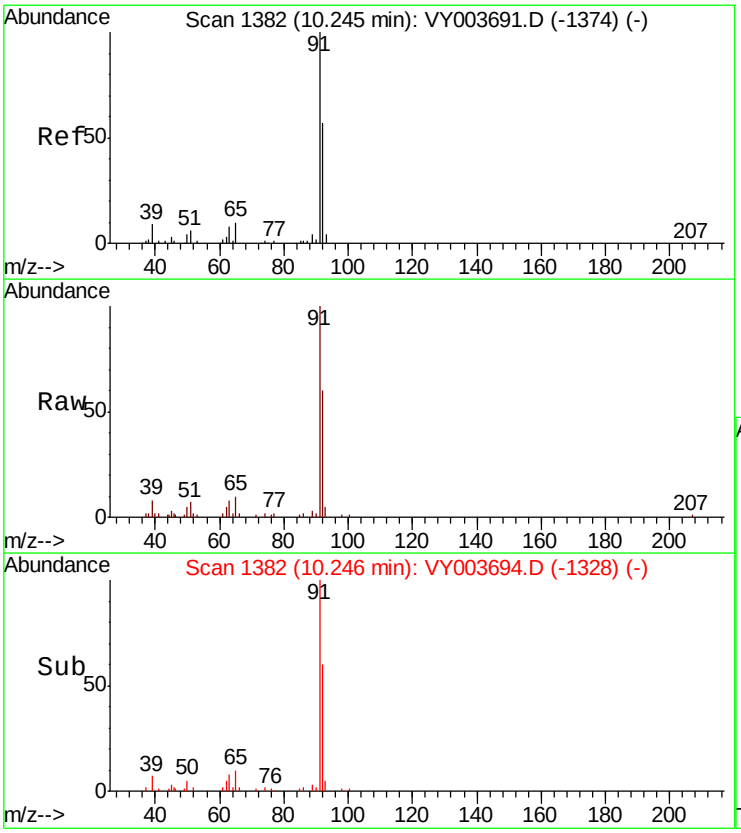
#40
1,2-Dichloropropane
Concen: 4.412 ug/L
RT: 9.12 min Scan# 1198
Delta R.T. -0.10 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion: 63 Resp: 6900

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

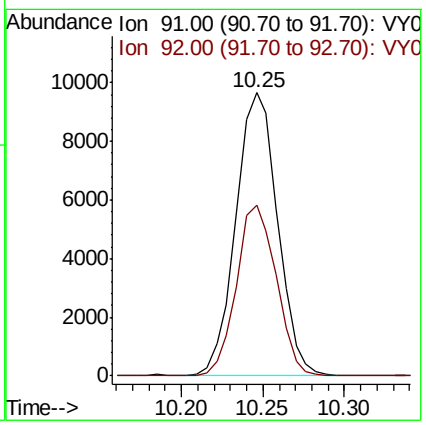


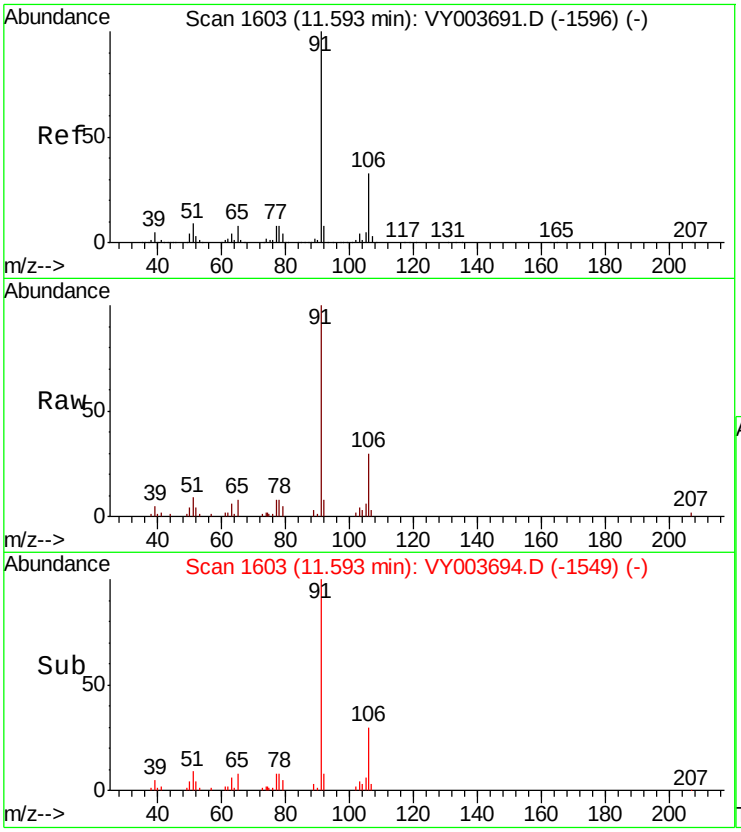


#44
Toluene
Concen: 2.621 ug/L
RT: 10.25 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Tgt Ion: 91 Resp: 17241

Ion	Ratio	Lower	Upper
91	100		
92	60.3	39.8	73.8



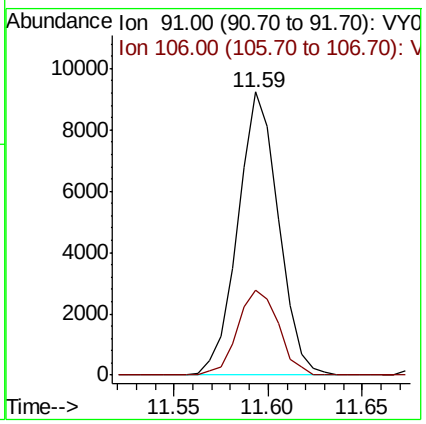


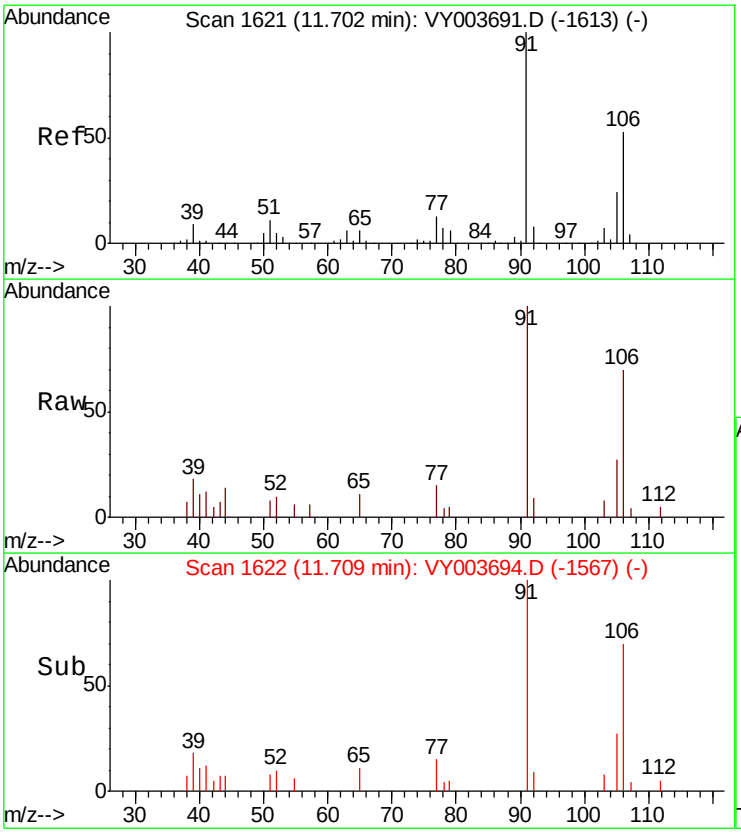
#53
Ethylbenzene
Concen: 1.925 ug/L
RT: 11.59 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion: 91 Resp: 13819

Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.3	43.3

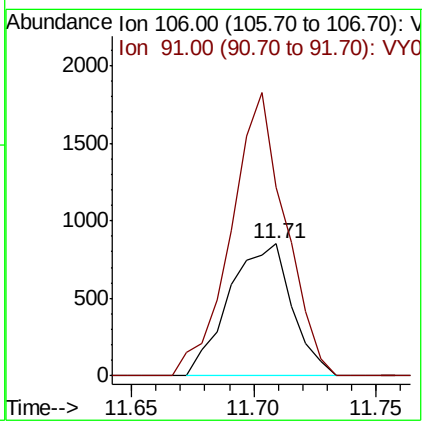


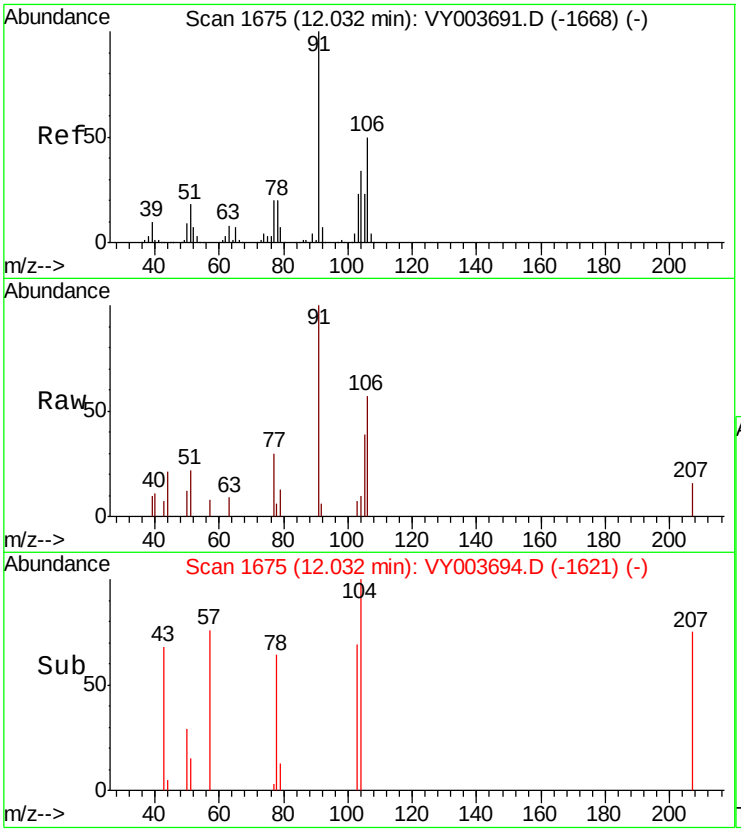


#54
m,p-Xylene
Concen: 0.552 ug/L
RT: 11.71 min Scan# 1622
Delta R.T. 0.01 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Tgt Ion:106 Resp: 1528

Ion	Ratio	Lower	Upper
106	100		
91	143.2	131.3	243.9



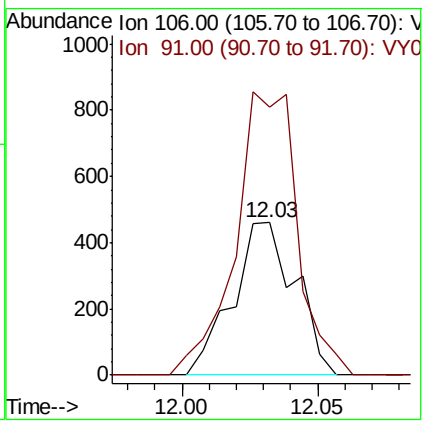


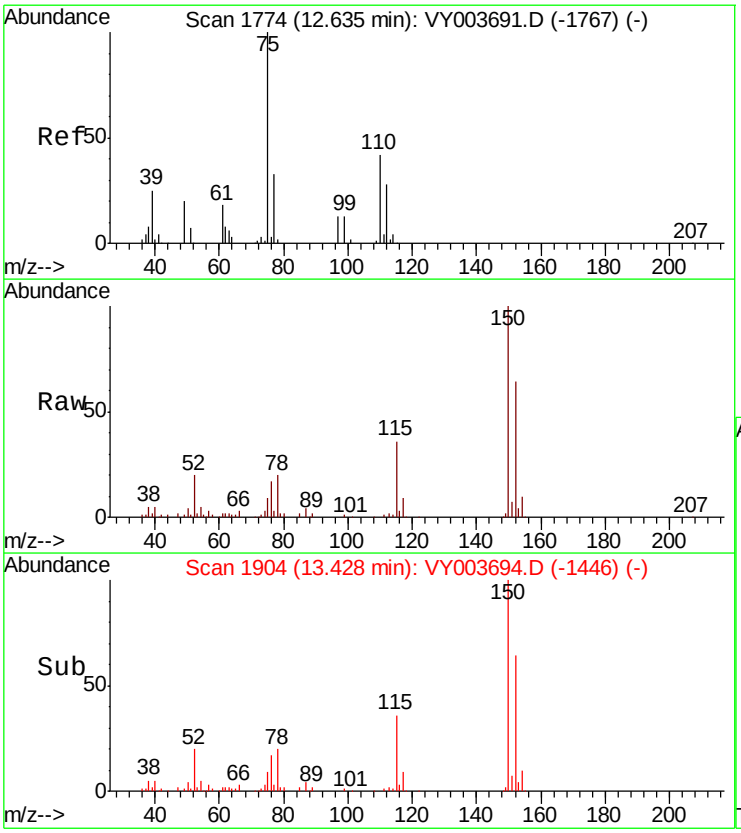
#55
o-xylene
Concen: 0.279 ug/L
RT: 12.03 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
GB1F8

Tgt Ion:106 Resp: 740

Ion	Ratio	Lower	Upper
106	100		
91	175.7	141.7	263.3

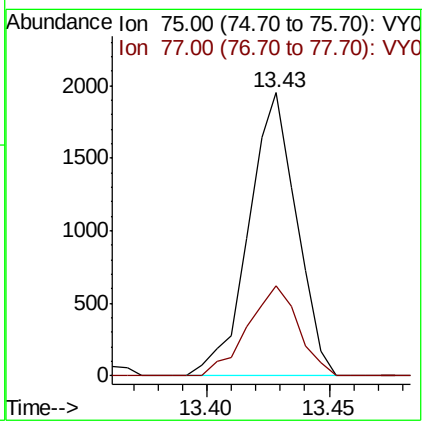


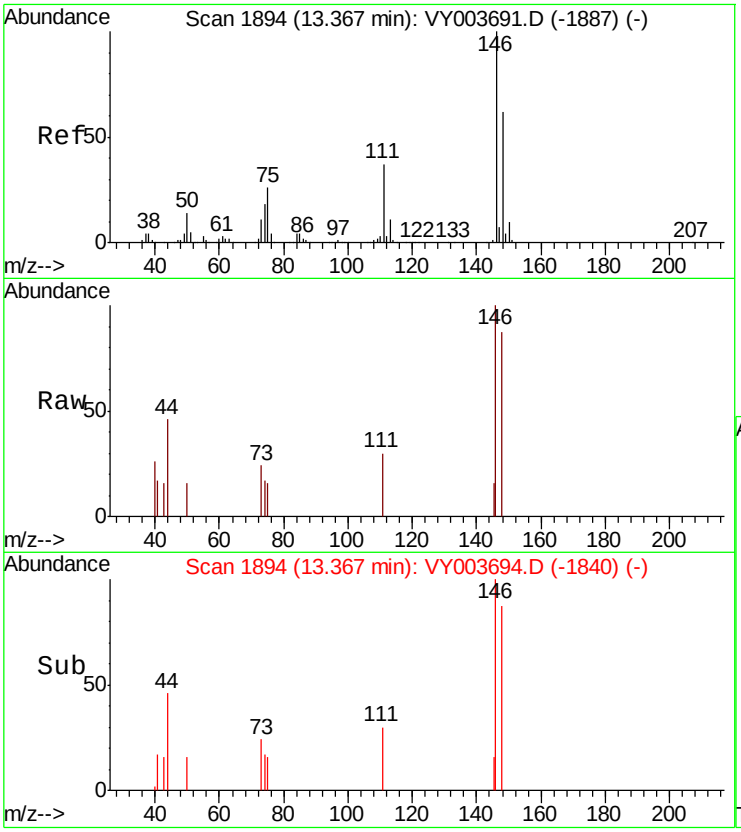


#59
1,2,3-Trichloropropane
Concen: 2.061 ug/L
RT: 13.43 min Scan# 1904
Delta R.T. 0.79 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Tgt Ion: 75 Resp: 2664

Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.9	38.9



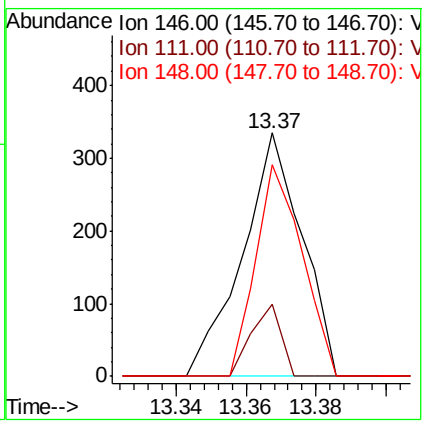


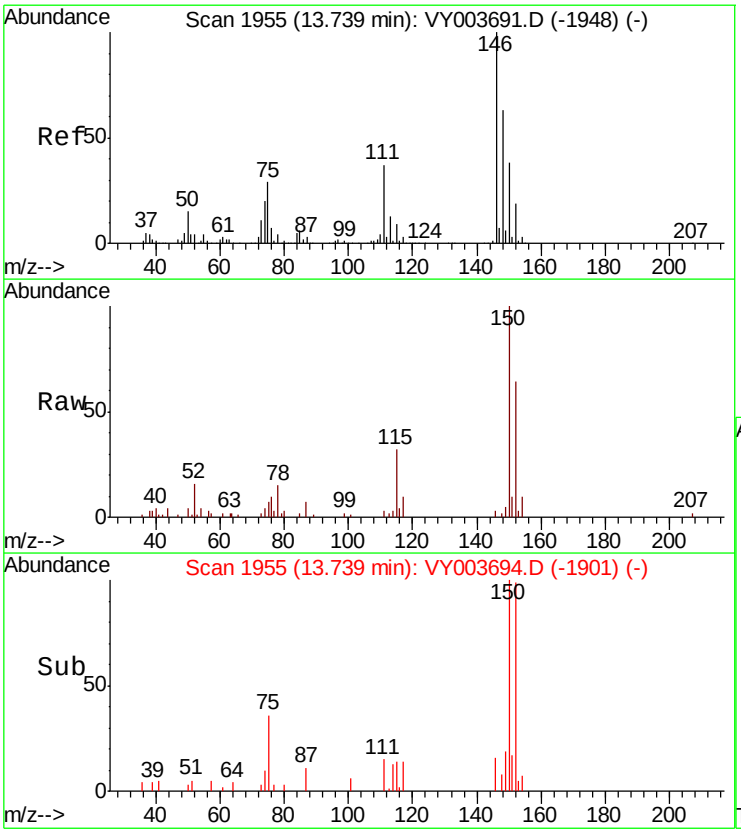
#63
1,3-Dichlorobenzene
Concen: 0.317 ug/L
RT: 13.37 min Scan# 1894
Delta R.T. 0.00 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion:146 Resp: 395

Ion	Ratio	Lower	Upper
146	100		
111	29.6	26.0	48.4
148	86.9	43.7	81.1#

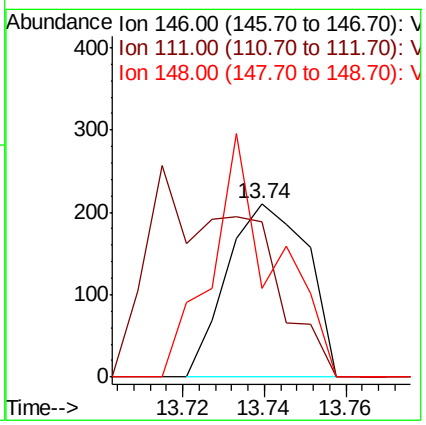


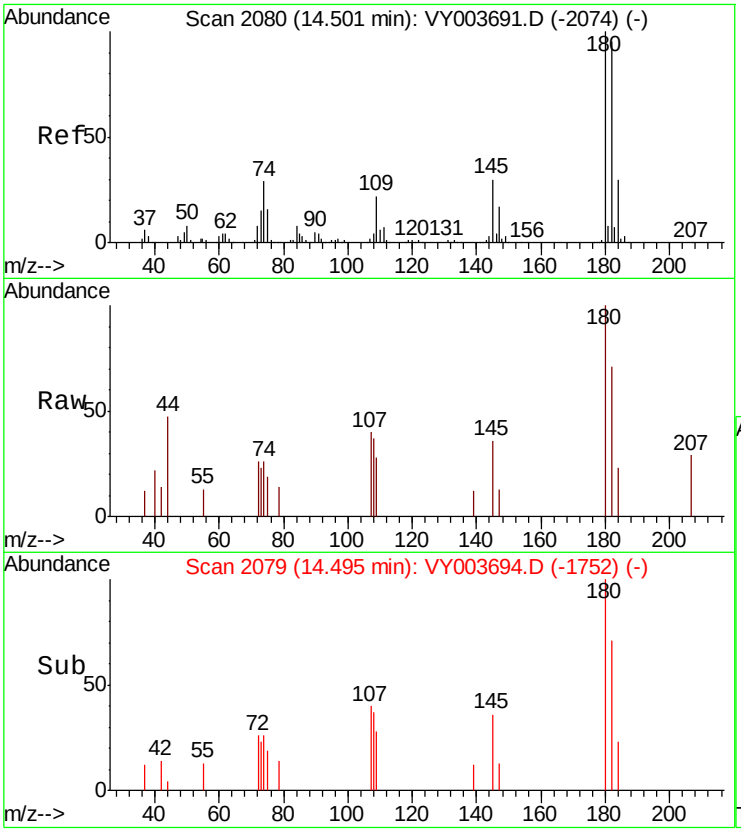


#65
1,2-Dichlorobenzene
Concen: 0.253 ug/L
RT: 13.74 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Tgt Ion:146 Resp: 289

Ion	Ratio	Lower	Upper
146	100		
111	89.6	30.0	45.0#
148	51.2	51.8	77.8#



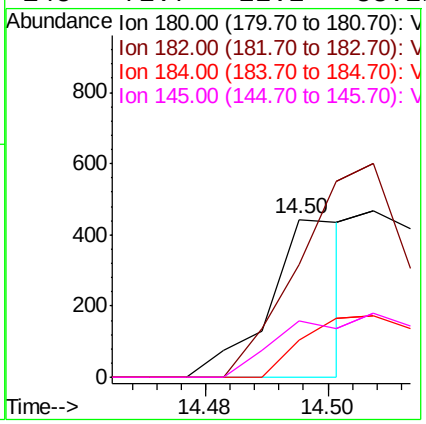


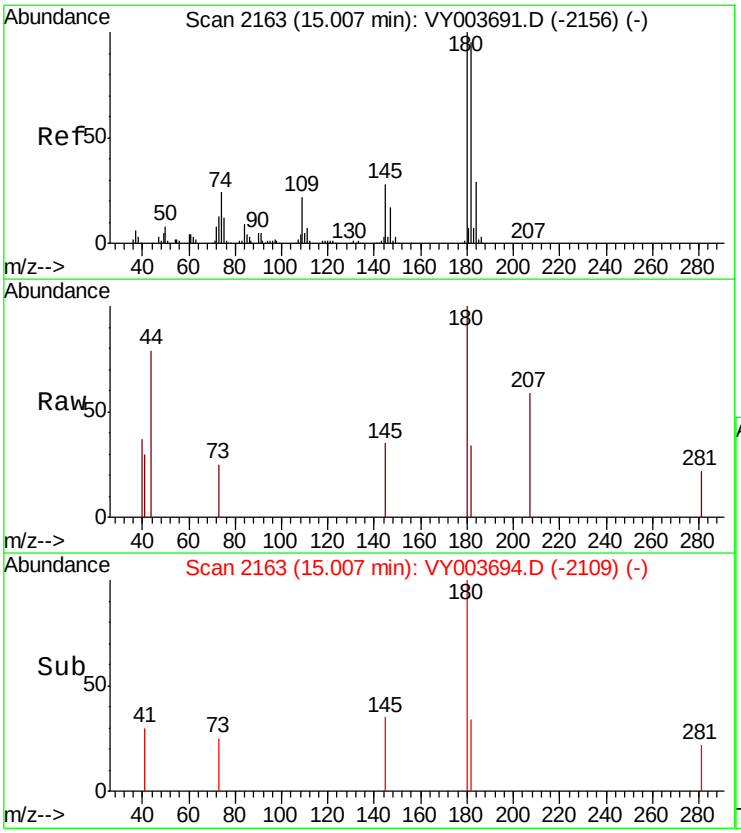
#67
1,3,5-Trichlorobenzene
Concen: 0.449 ug/L
RT: 14.50 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion:180 Resp: 396

Ion	Ratio	Lower	Upper
180	100		
182	212.1	76.0	114.0#
184	53.5	24.2	36.2#
145	72.7	22.2	33.2#

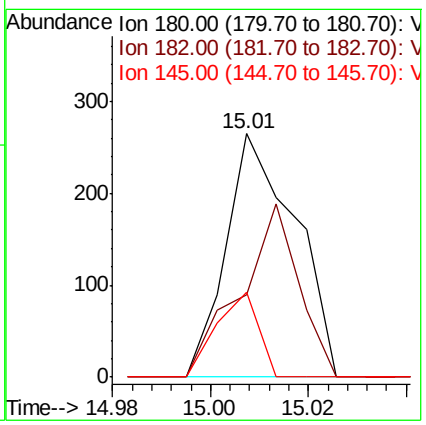


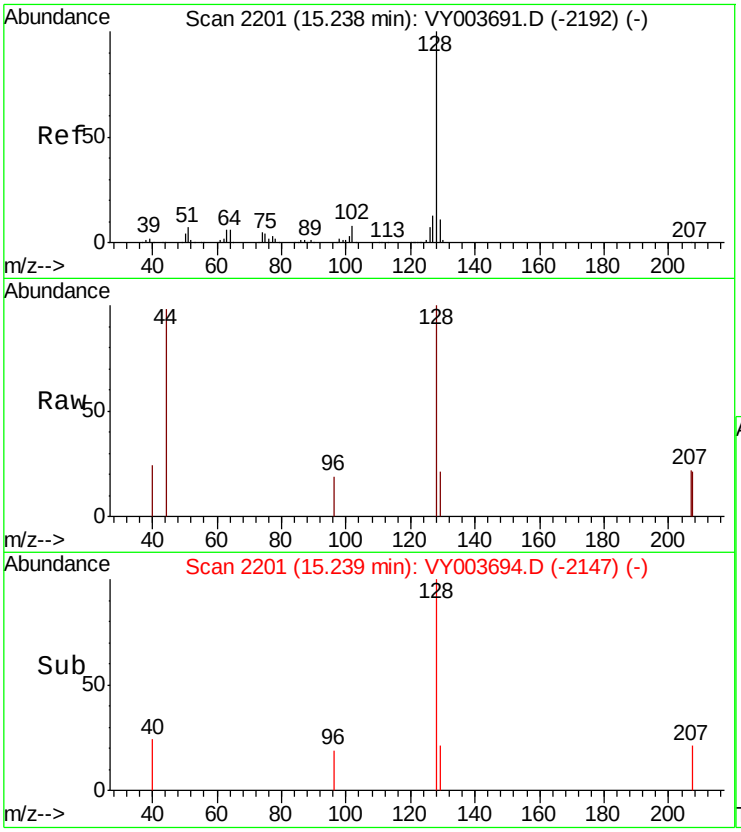


#68
1,2,4-trichlorobenzene
Concen: 0.346 ug/L
RT: 15.01 min Scan# 2163
Delta R.T. 0.00 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Tgt Ion:180 Resp: 260

Ion	Ratio	Lower	Upper
180	100		
182	59.6	76.5	114.7#
145	21.2	22.2	33.4#



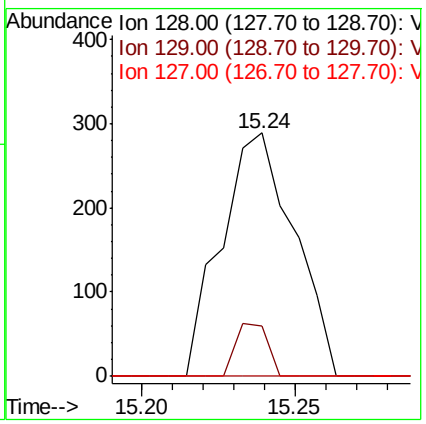


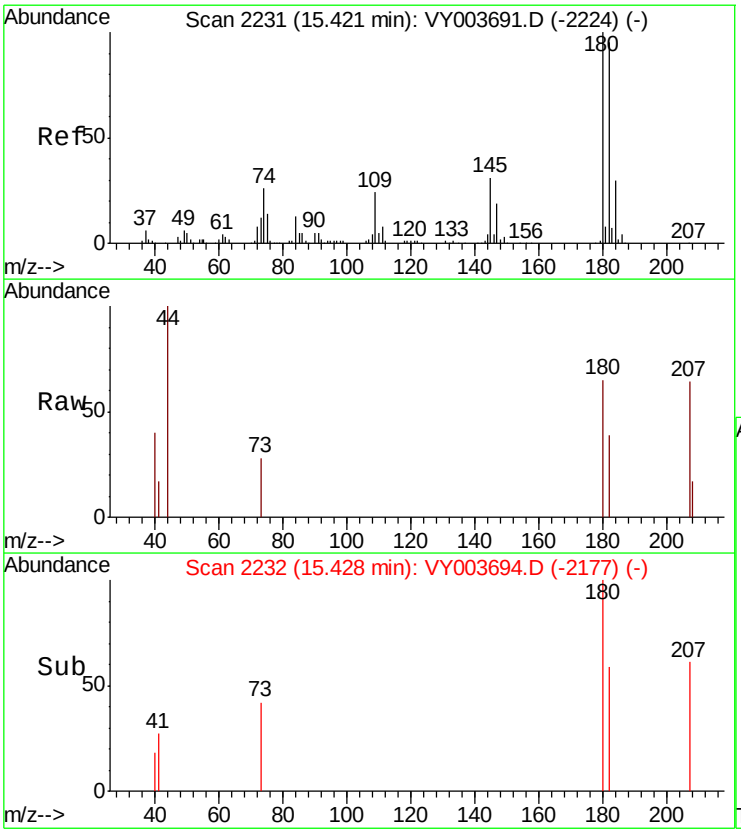
#69
Naphthalene
Concen: 0.303 ug/L
RT: 15.24 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Tgt Ion:128 Resp: 478

Ion	Ratio	Lower	Upper
128	100		
129	9.4	8.7	13.1
127	0.0	10.2	15.4#





#70
1,2,3-Trichlorobenzene
Concen: 0.463 ug/L
RT: 15.43 min Scan# 2232
Delta R.T. 0.01 min
Lab File: VY003694.D
Acq: 09 Dec 2020 12:46

Tgt Ion:180 Resp: 318

Ion	Ratio	Lower	Upper
180	100		
182	34.6	76.9	115.3#
145	0.0	24.2	36.4#