Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003755.D
Acq On : 14 Dec 2020 18:03
Operator : SY/MD
Sample : L5063-05RE
Misc : 4.19G/10ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : C0AD7RE

Quant Time: Dec 15 03:42:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 15 03:40:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	219376	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	149211	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	44802	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	86414	28.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.48%			
7) Chloroethane-d5	2.77	69	68432	30.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 122.64%			
10) 1,1-Dichloroethene-d2	3.86	63	126175	20.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.24%			
20) 2-Butanone-d5	6.90	46	70208	53.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.62%			
24) Chloroform-d	7.49	84	156900	27.54	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.16%			
26) 1,2-Dichloroethane-d4	8.15	65	86649	26.90	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.60%			
29) Benzene-d6	8.12	84	325733	37.72	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 150.88%#			
33) 1,2-Dichloropropane-d6	9.12	67	103293	38.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 153.64%#			
37) Toluene-d8	10.18	98	253280	32.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 129.60%			
38) trans-1,3-Dichloropropene-	10.43	79	33133	25.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.12%			
39) 2-Hexanone-d5	10.79	63	49114	66.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 132.46%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	70833	30.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.52%#			
61) 1,2-Dichlorobenzene-d4	13.72	152	49192	30.57	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 122.28%#			
Target Compounds						Qvalue
13) Acetone	3.95	43	1611	1.791	ug/L	68
16) Methylene chloride	4.72	84	2949	0.749	ug/L	90
42) cis-1,3-Dichloropropene	9.89	75	2966	0.759	ug/L #	56
44) Toluene	10.25	91	3576	0.355	ug/L	89
47) Tetrachloroethene	10.72	164	594	0.293	ug/L #	82
49) 2-Hexanone	10.79	43	7020	4.287	ug/L #	64
50) Dibromochloromethane	10.72	129	601	0.257	ug/L #	10
54) m,p-Xylene	11.70	106	1129	0.266	ug/L	88
55) o-xylene	12.03	106	896	0.225	ug/L	99
57) Isopropylbenzene	12.33	105	1937	0.182	ug/L #	91
59) 1,2,3-Trichloropropane	13.42	75	5118	2.606	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.33	75	4226	16.079	ug/L #	1
68) 1,2,4-trichlorobenzene	15.01	180	674	0.392	ug/L #	1
69) Naphthalene	15.23	128	154531	39.372	ug/L	98
70) 1,2,3-Trichlorobenzene	15.44	180	610	0.390	ug/L #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003755.D
Acq On : 14 Dec 2020 18:03
Operator : SY/MD
Sample : L5063-05RE
Misc : 4.19G/10ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : C0AD7RE

Quant Time: Dec 15 03:42:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 15 03:40:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

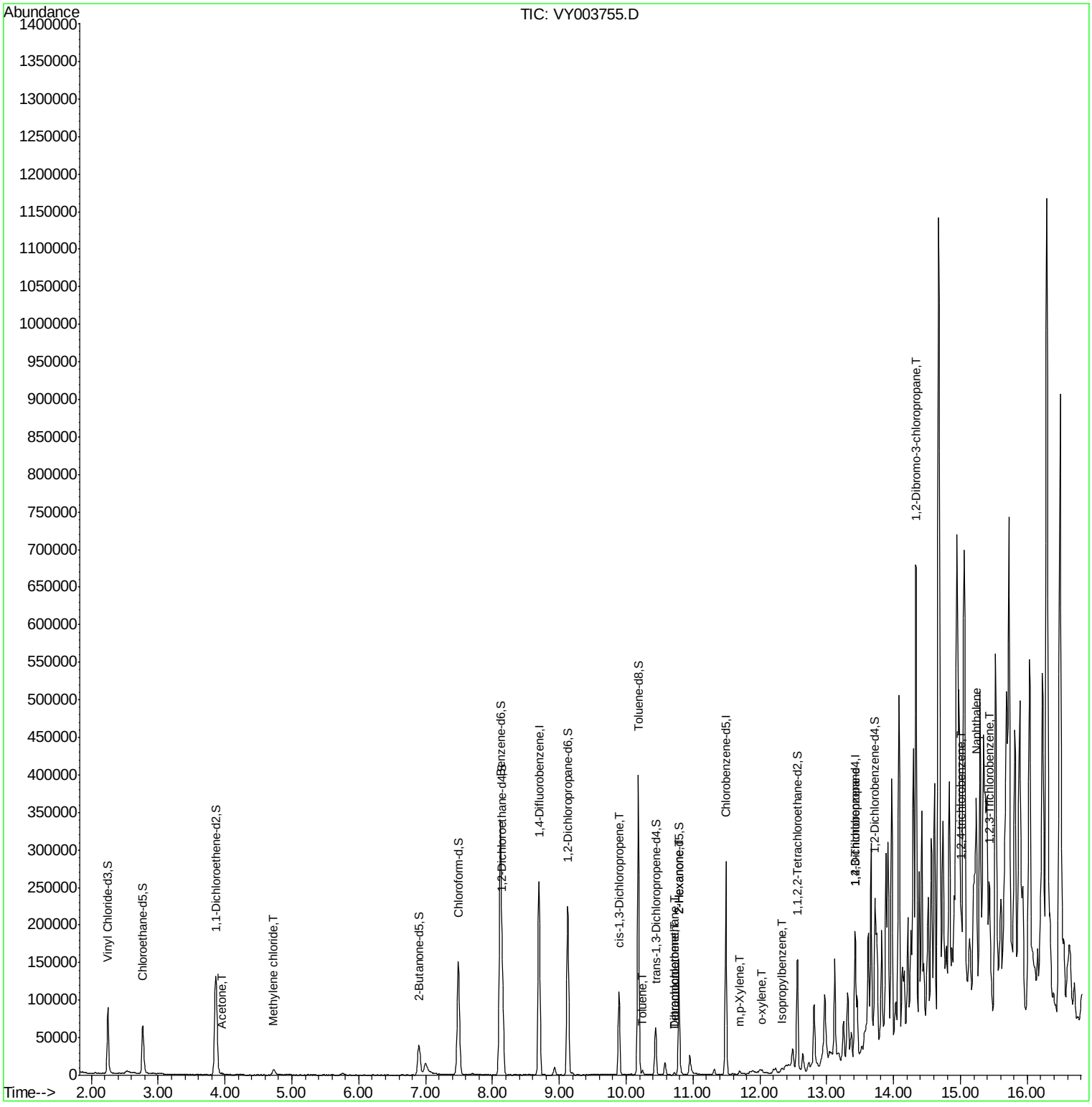
(#) = qualifier out of range (m) = manual integration (+) = signals summed

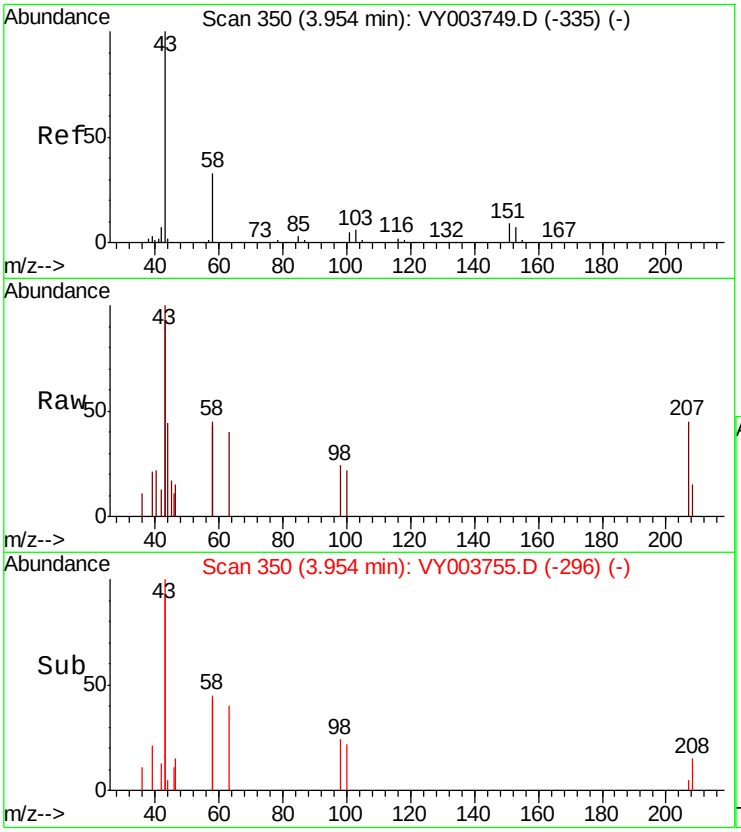
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003755.D
Acq On : 14 Dec 2020 18:03
Operator : SY/MD
Sample : L5063-05RE
Misc : 4.19G/10ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AD7RE

Quant Time: Dec 15 03:42:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 15 03:40:13 2020
Response via : Initial Calibration



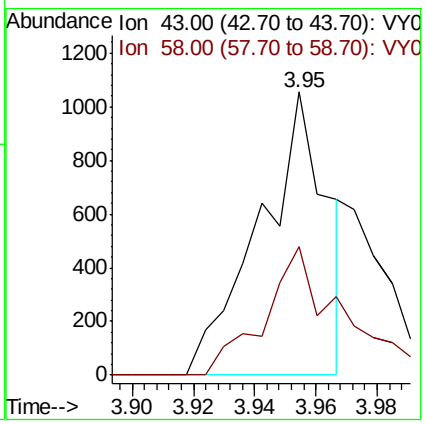


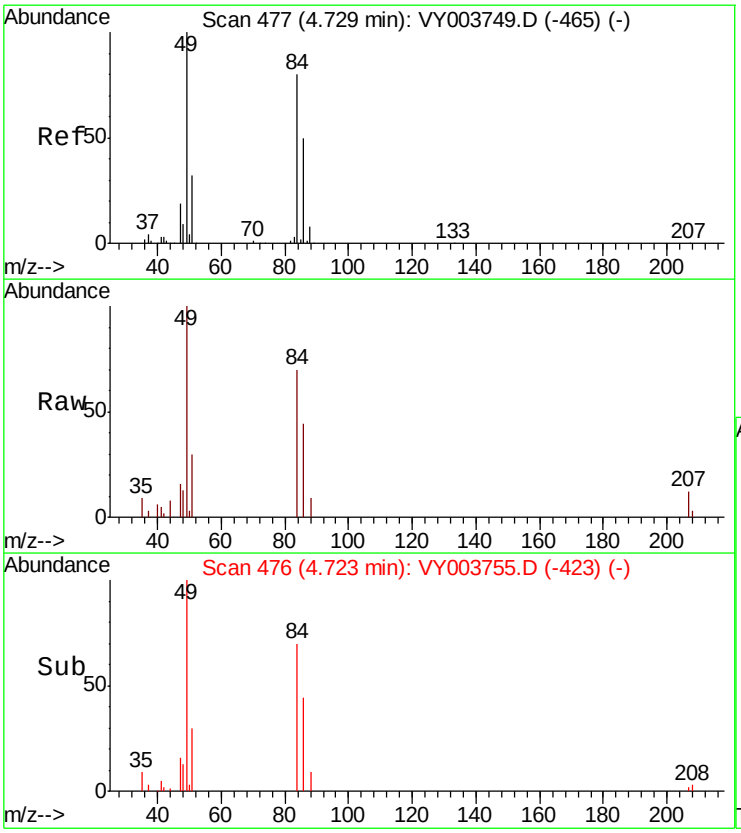
#13
Acetone
Concen: 1.791 ug/L
RT: 3.95 min Scan# 350
Delta R.T. -0.00 min
Lab File: VY003755.D
Acq: 14 Dec 2020 18:03

Instrument : MSVOA_Y
ClientSampleId : C0AD7RE

Tgt Ion: 43 Resp: 1611

Ion	Ratio	Lower	Upper
43	100		
58	15.0	0.0	65.4

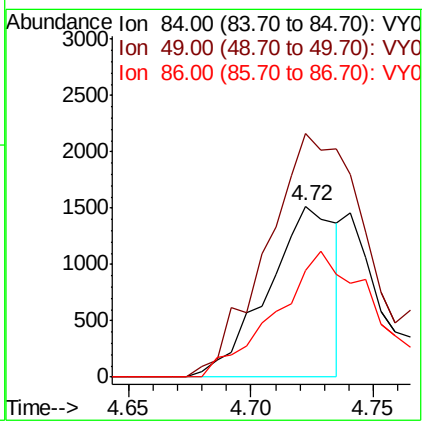


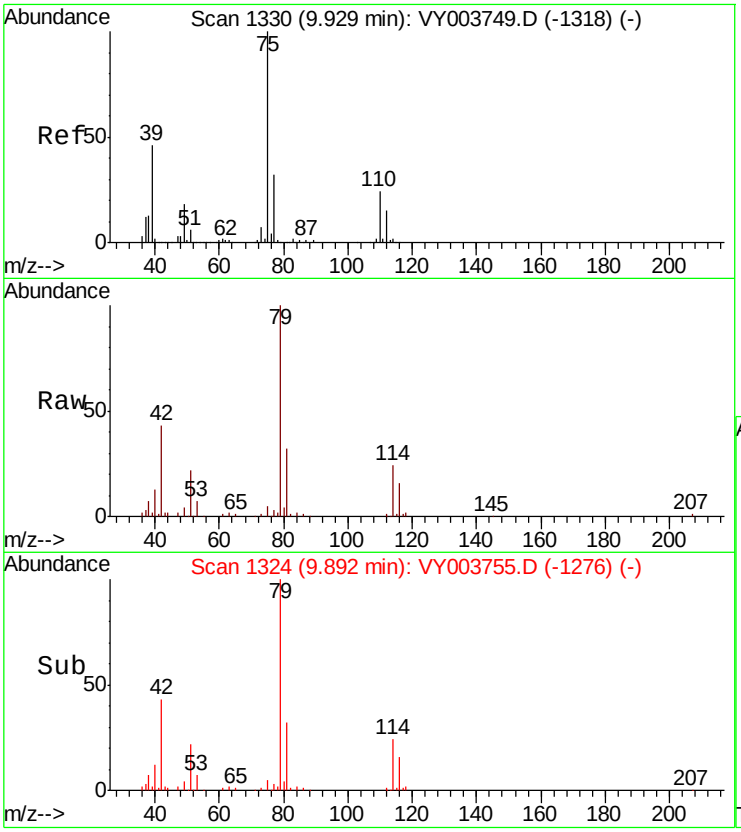


#16
Methylene chloride
Concen: 0.749 ug/L
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VY003755.D
Acq: 14 Dec 2020 18:03

Tgt Ion: 84 Resp: 2949

Ion	Ratio	Lower	Upper
84	100		
49	142.2	88.2	163.8
86	62.1	43.0	79.8



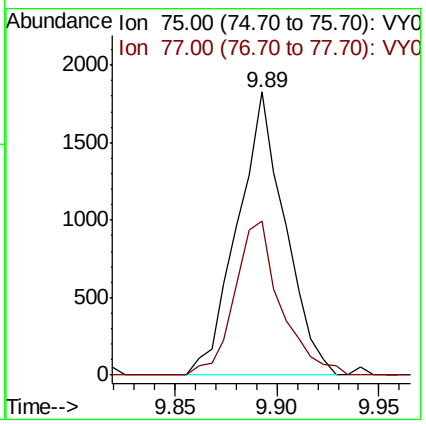


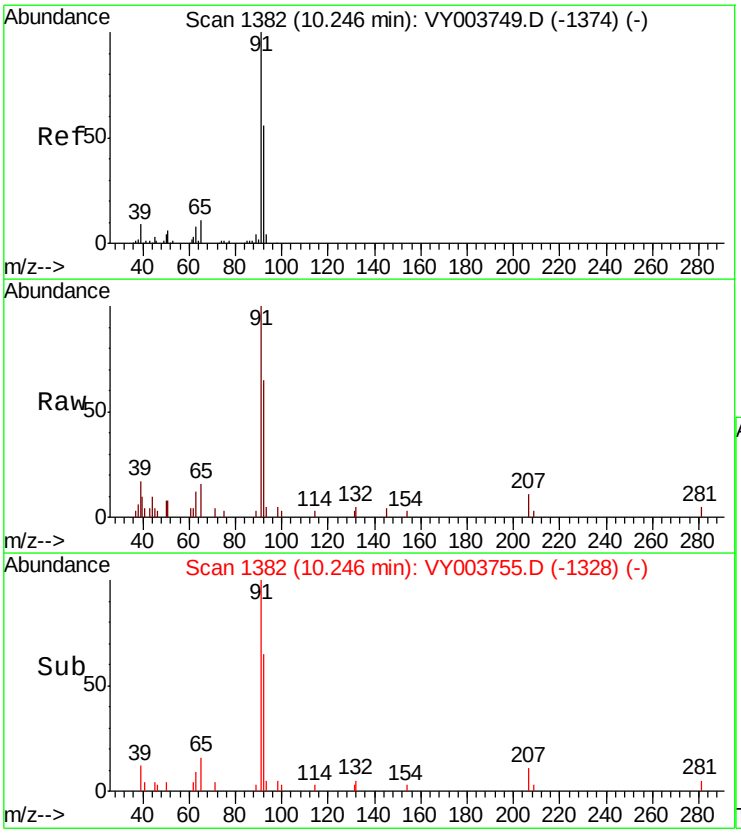
#42
cis-1,3-Dichloropropene
Concen: 0.759 ug/L
RT: 9.89 min Scan# 1324
Delta R.T. -0.04 min
Lab File: VY003755.D
Acq: 14 Dec 2020 18:03

Instrument :
MSVOA_Y
ClientSampleId :
C0AD7RE

Tgt Ion: 75 Resp: 2966

Ion	Ratio	Lower	Upper
75	100		
77	54.5	21.3	39.6#

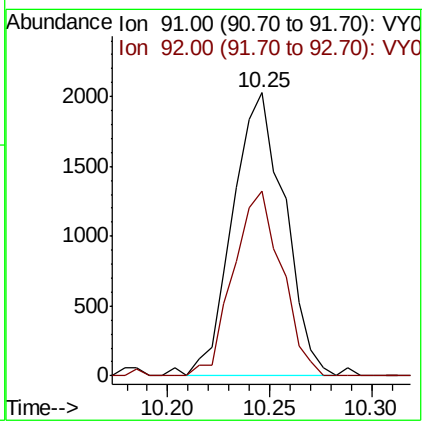


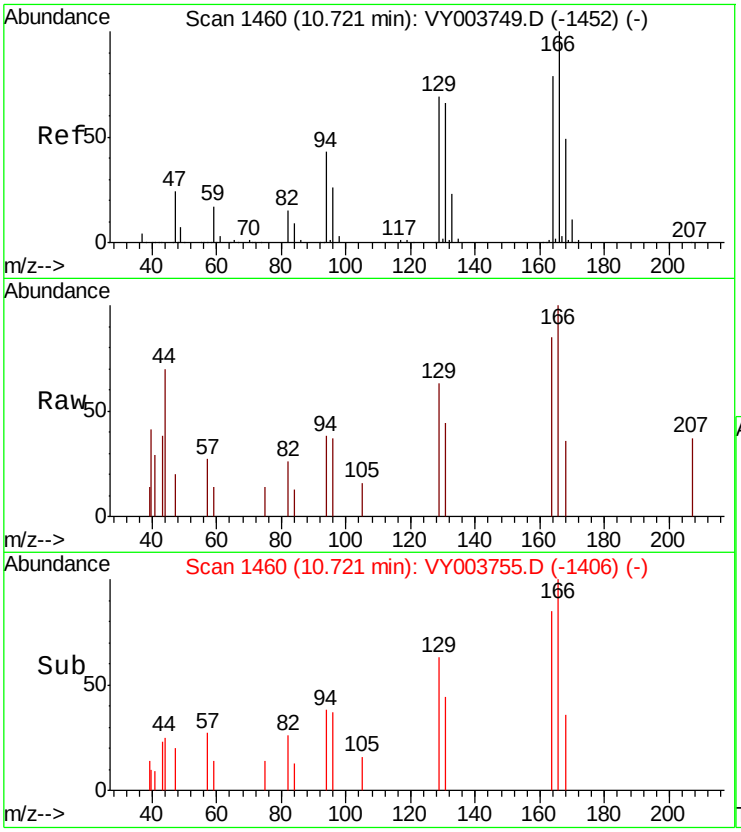


#44
Toluene
Concen: 0.355 ug/L
RT: 10.25 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VY003755.D
Acq: 14 Dec 2020 18:03

Tgt Ion: 91 Resp: 3576

Ion	Ratio	Lower	Upper
91	100		
92	65.3	39.9	74.1



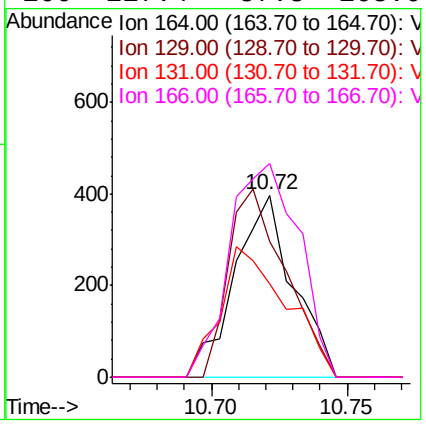


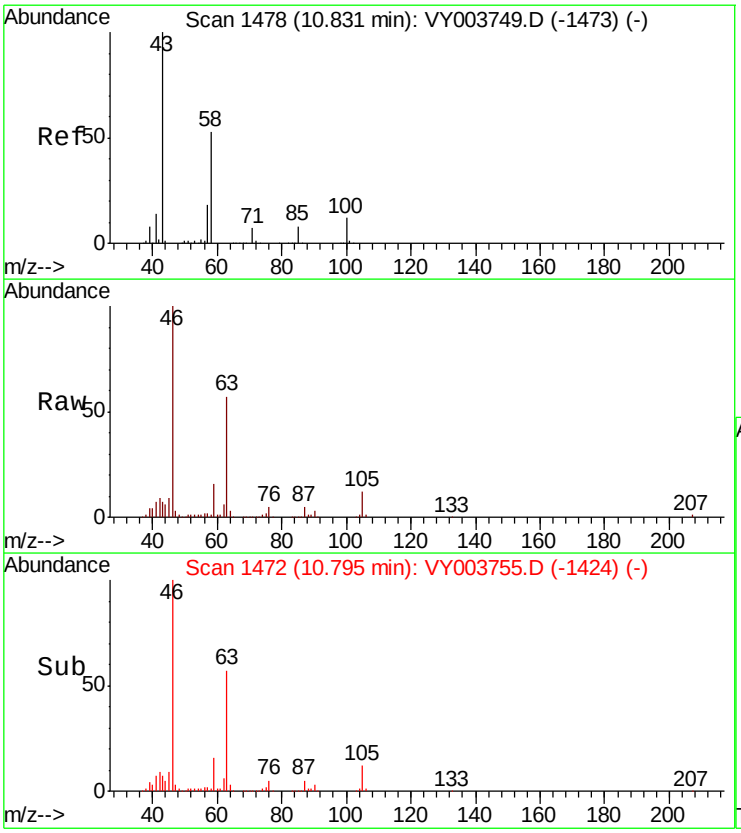
#47
Tetrachloroethene
Concen: 0.293 ug/L
RT: 10.72 min Scan# 1460
Delta R.T. -0.00 min
Lab File: VY003755.D
Acq: 14 Dec 2020 18:03

Instrument :
MSVOA_Y
ClientSampleId :
C0AD7RE

Tgt Ion:164 Resp: 594

Ion	Ratio	Lower	Upper
164	100		
129	74.3	61.3	113.9
131	51.6	60.4	112.2#
166	117.4	87.8	163.0

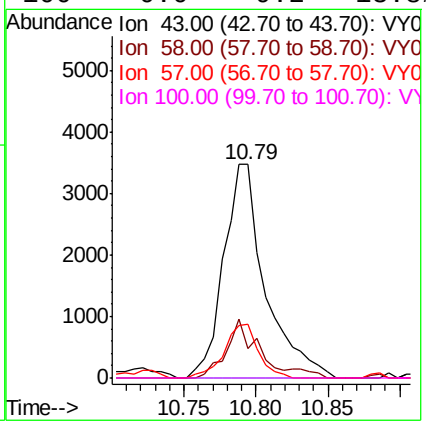


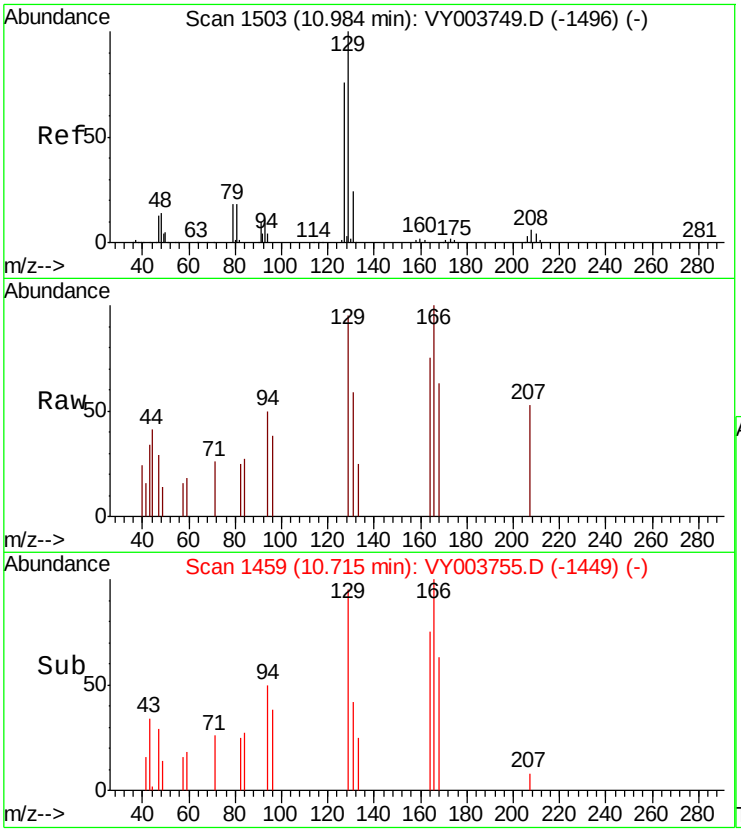


#49
2-Hexanone
Concen: 4.287 ug/L
RT: 10.79 min Scan# 1472
Delta R.T. -0.04 min
Lab File: VY003755.D
Acq: 14 Dec 2020 18:03

Tgt Ion: 43 Resp: 7020

Ion	Ratio	Lower	Upper
43	100		
58	20.1	43.0	64.4#
57	20.8	14.1	21.1
100	0.0	9.2	13.8#



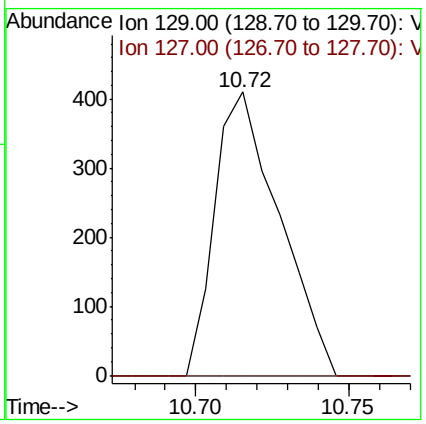


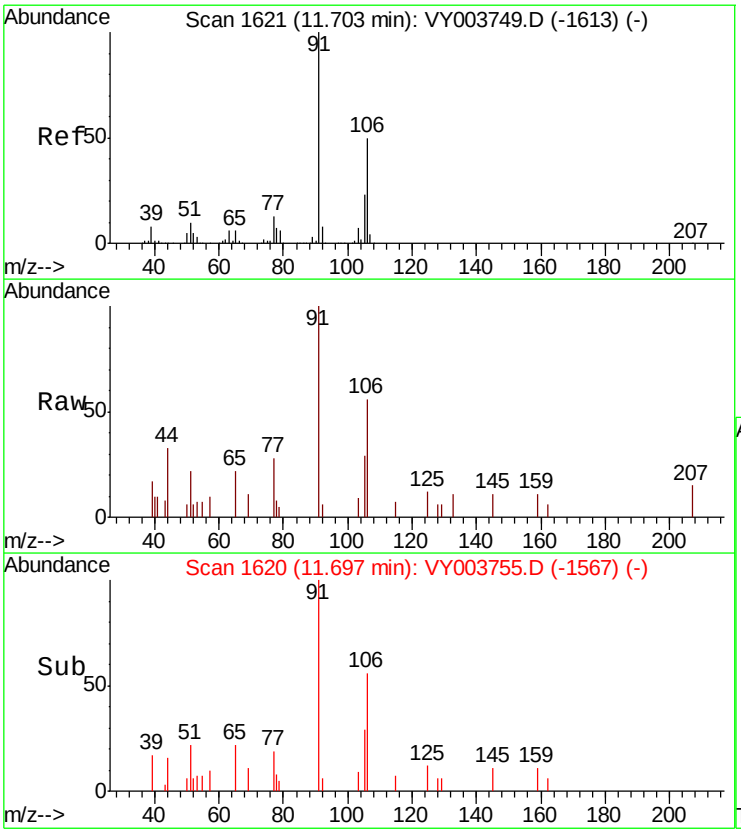
#50
Dibromochloromethane
Concen: 0.257 ug/L
RT: 10.72 min Scan# 1459
Delta R.T. -0.27 min
Lab File: VY003755.D
Acq: 14 Dec 2020 18:03

Instrument : MSVOA_Y
ClientSampleId : C0AD7RE

Tgt Ion:129 Resp: 601

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.4#

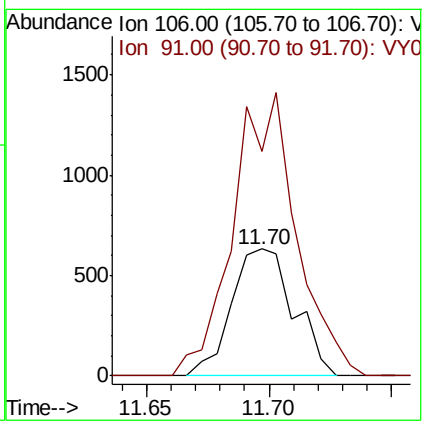


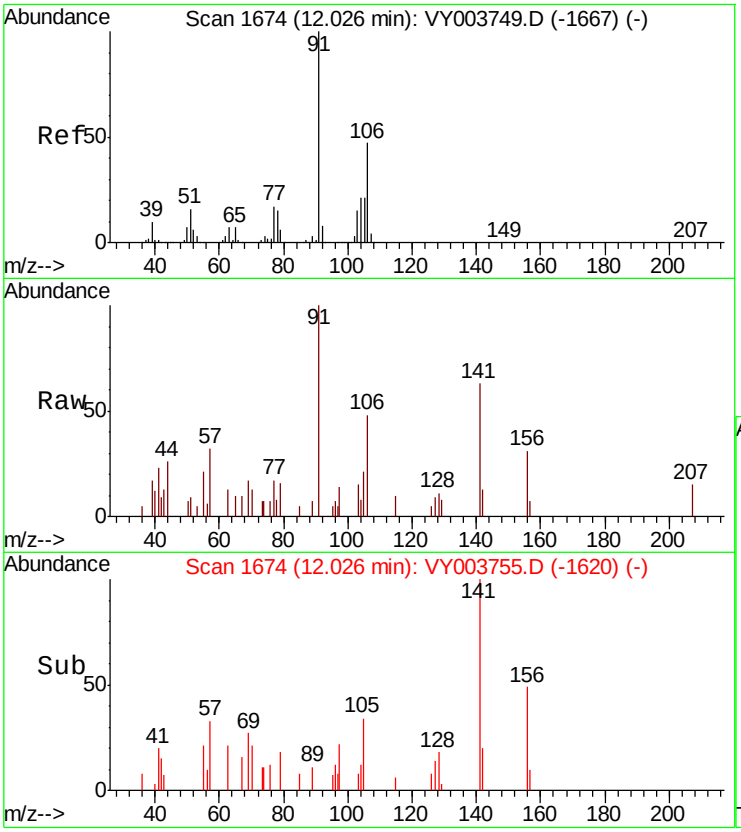


#54
m,p-Xylene
Concen: 0.266 ug/L
RT: 11.70 min Scan# 1620
Delta R.T. -0.01 min
Lab File: VY003755.D
Acq: 14 Dec 2020 18:03

Tgt Ion:106 Resp: 1129

Ion	Ratio	Lower	Upper
106	100		
91	177.1	136.4	253.4



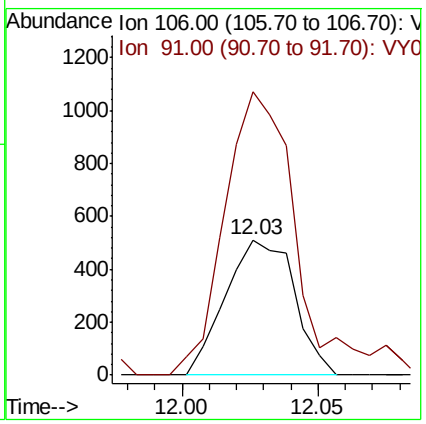


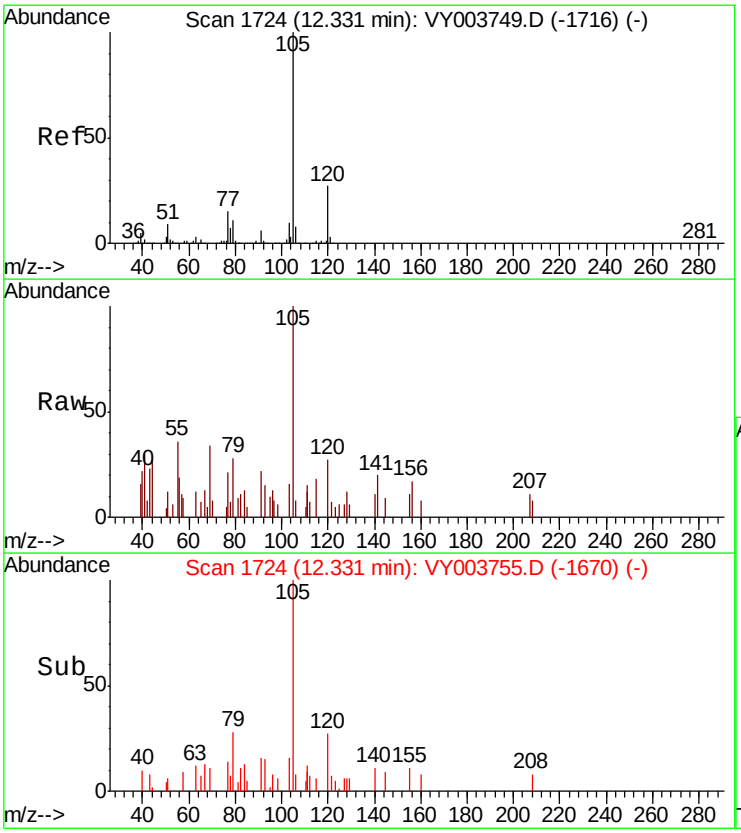
#55
o-xylene
Concen: 0.225 ug/L
RT: 12.03 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VY003755.D
Acq: 14 Dec 2020 18:03

Instrument :
MSVOA_Y
ClientSampleId :
C0AD7RE

Tgt Ion:106 Resp: 896

Ion	Ratio	Lower	Upper
106	100		
91	209.8	145.5	270.1

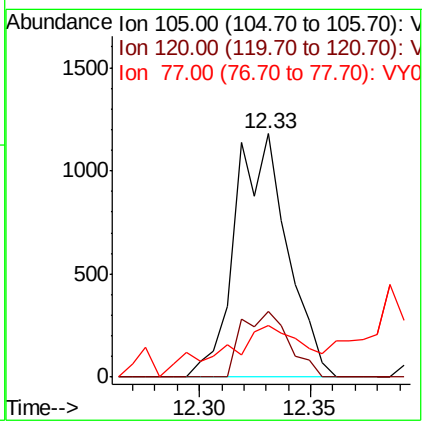


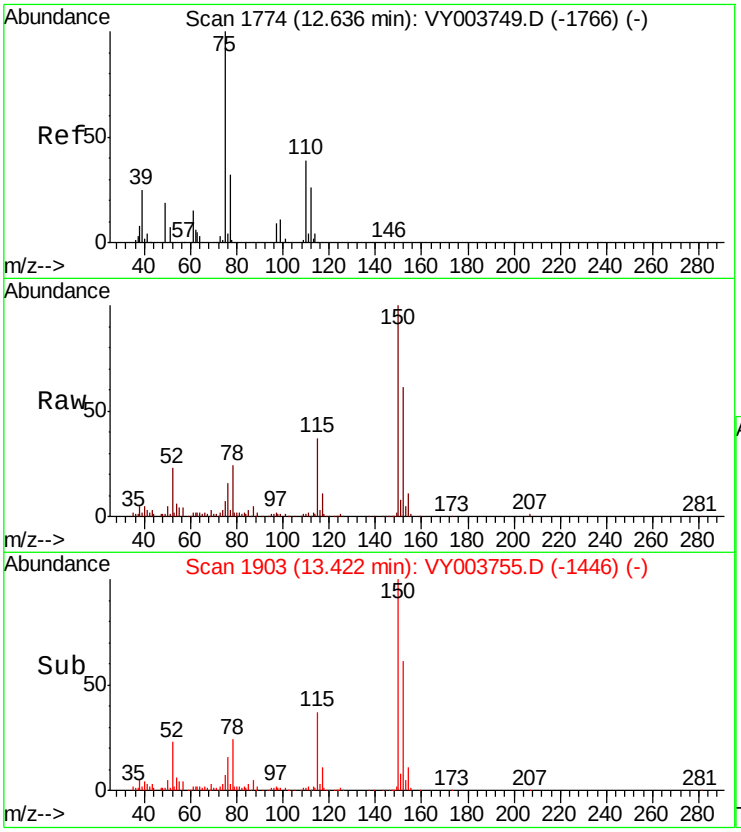


#57
Isopropylbenzene
Concen: 0.182 ug/L
RT: 12.33 min Scan# 1724
Delta R.T. -0.00 min
Lab File: VY003755.D
Acq: 14 Dec 2020 18:03

Tgt Ion:105 Resp: 1937

Ion	Ratio	Lower	Upper
105	100		
120	24.2	22.1	33.1
77	9.3	12.2	18.4#



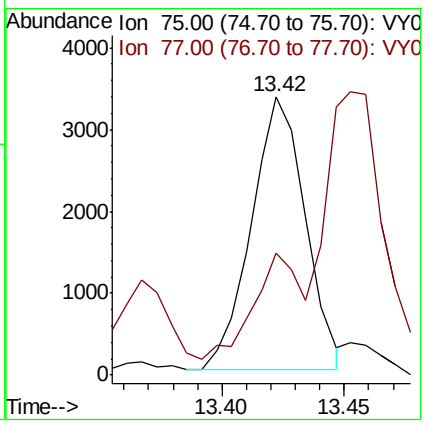


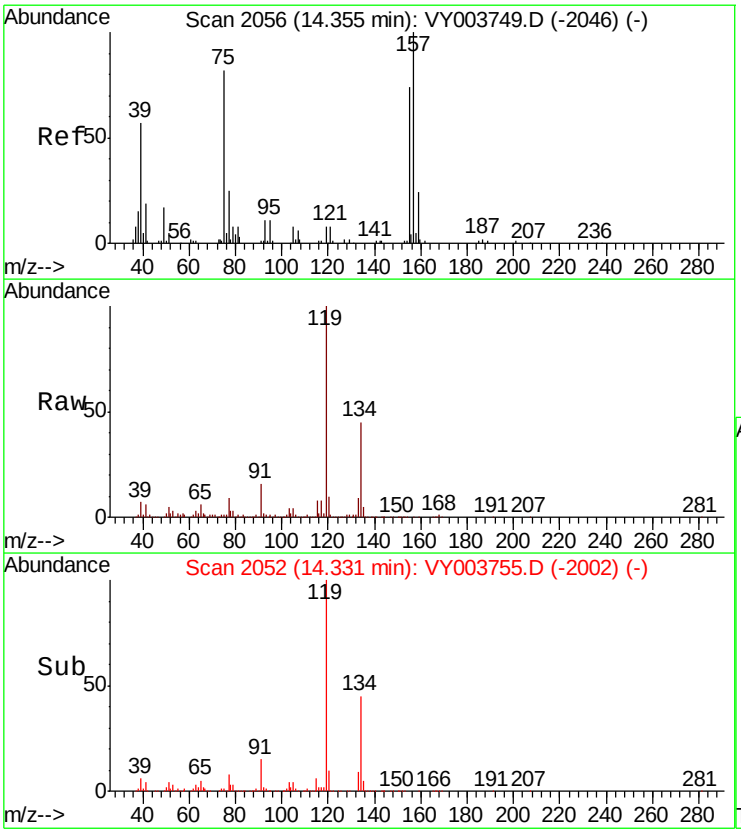
#59
1,2,3-Trichloropropane
Concen: 2.606 ug/L
RT: 13.42 min Scan# 1903
Delta R.T. 0.79 min
Lab File: VY003755.D
Acq: 14 Dec 2020 18:03

Instrument : MSVOA_Y
ClientSampleId : C0AD7RE

Tgt Ion: 75 Resp: 5118

Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.5	38.3

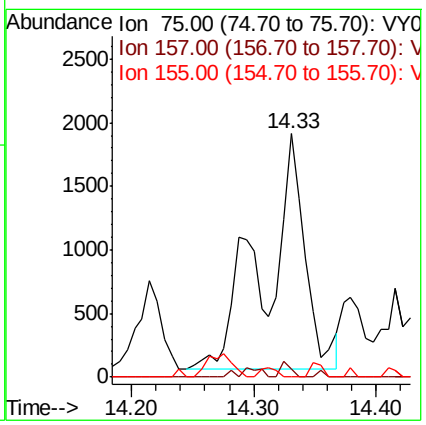


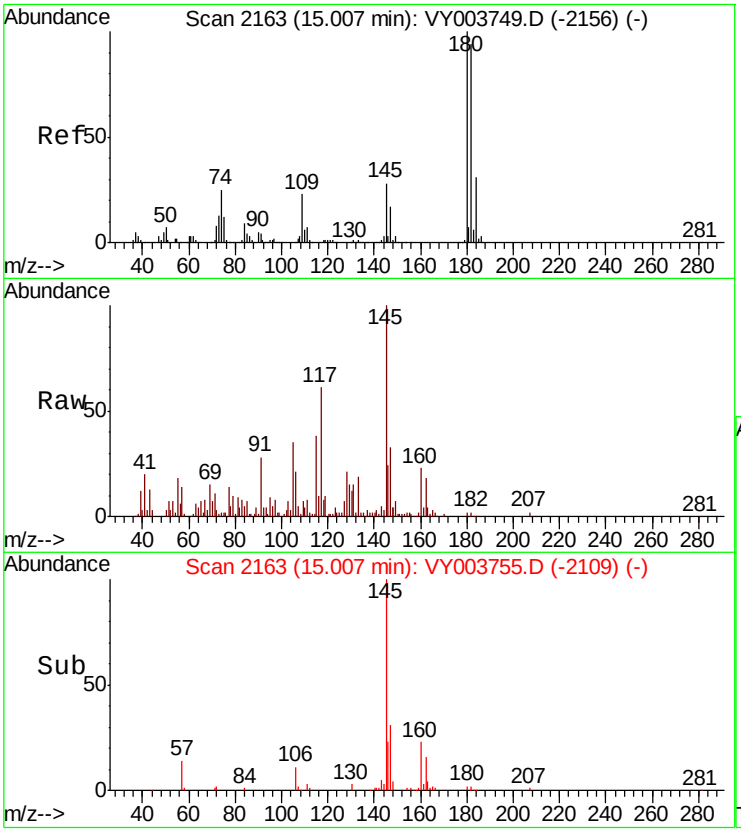


#66
1,2-Dibromo-3-chloropropane
Concen: 16.079 ug/L
RT: 14.33 min Scan# 2052
Delta R.T. -0.02 min
Lab File: VY003755.D
Acq: 14 Dec 2020 18:03

Tgt Ion: 75 Resp: 4226

Ion	Ratio	Lower	Upper
75	100		
157	3.1	93.8	140.8#
155	0.0	70.9	106.3#



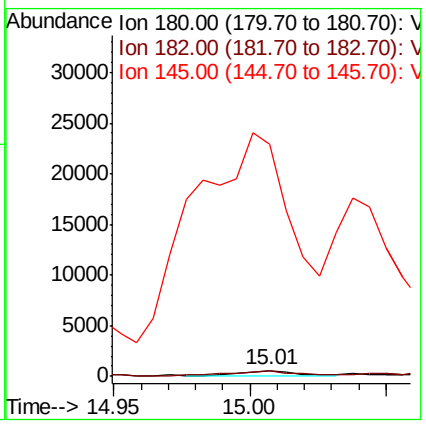


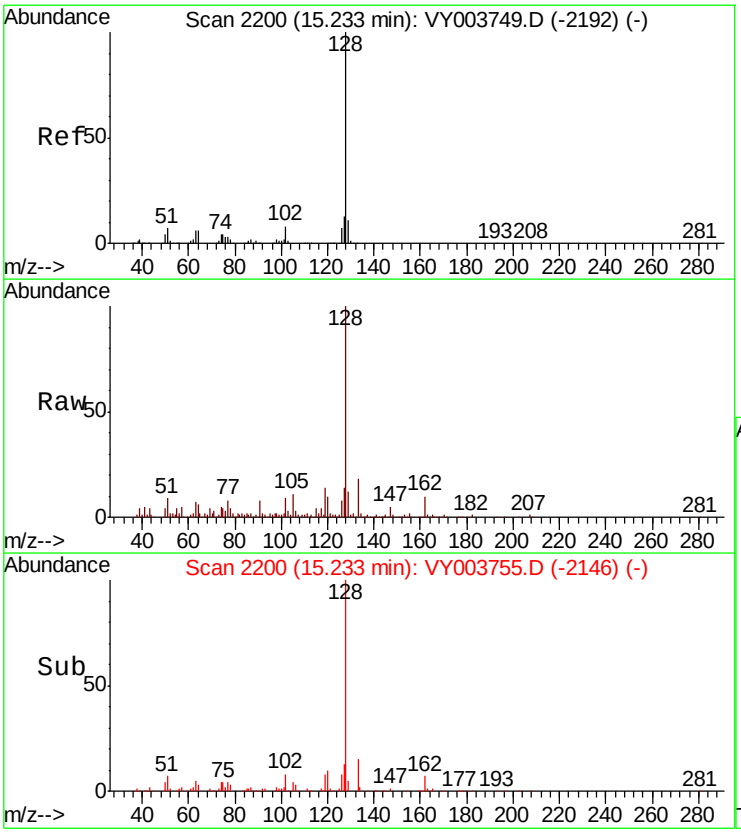
#68
1,2,4-trichlorobenzene
Concen: 0.392 ug/L
RT: 15.01 min Scan# 2163
Delta R.T. -0.00 min
Lab File: VY003755.D
Acq: 14 Dec 2020 18:03

Instrument : MSVOA_Y
ClientSampleId : C0AD7RE

Tgt Ion:180 Resp: 674

Ion	Ratio	Lower	Upper
180	100		
182	155.5	76.8	115.2#
145	5258.6	23.7	35.5#

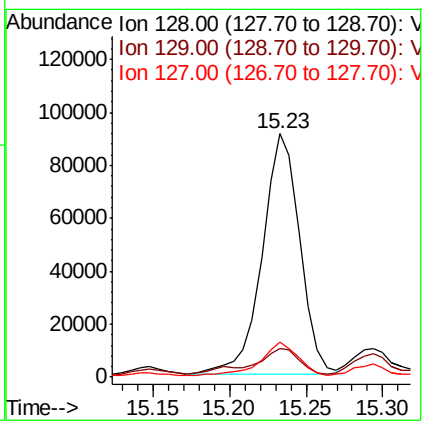


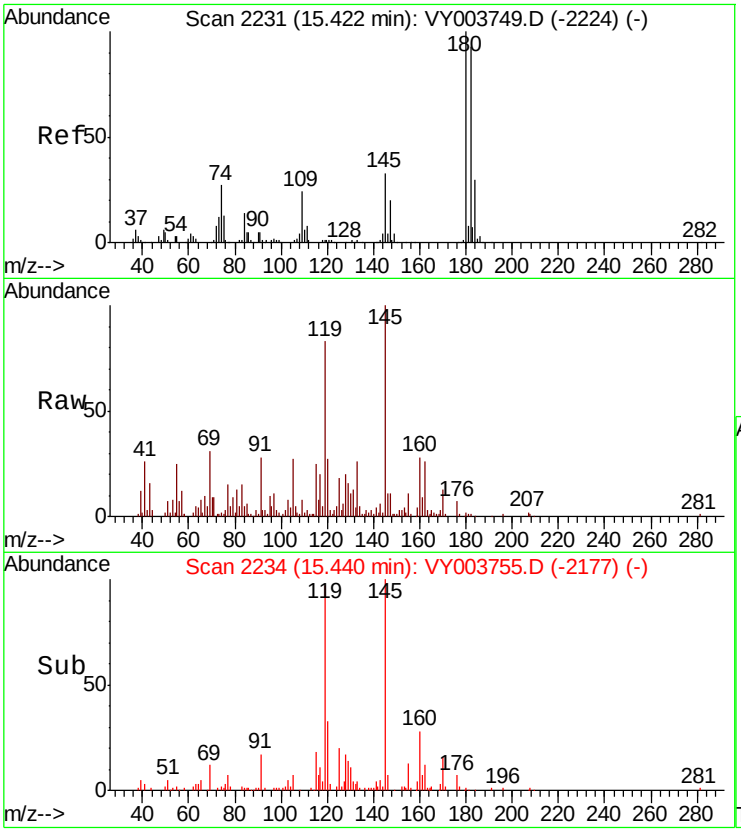


#69
Naphthalene
Concen: 39.372 ug/L
RT: 15.23 min Scan# 2200
Delta R.T. -0.00 min
Lab File: VY003755.D
Acq: 14 Dec 2020 18:03

Tgt Ion:128 Resp: 154531

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	13.7	10.2	15.4





#70
1,2,3-Trichlorobenzene
Concen: 0.390 ug/L
RT: 15.44 min Scan# 2234
Delta R.T. 0.02 min
Lab File: VY003755.D
Acq: 14 Dec 2020 18:03

Instrument :
MSVOA_Y
ClientSampleId :
C0AD7RE

Tgt Ion:180 Resp: 610

Ion	Ratio	Lower	Upper
180	100		
182	113.9	77.0	115.6
145	9356.1	25.0	37.6#