Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011620\

Quantitation Report (Not Reviewed)

Data File : VY001258.D
Acq On : 16 Jan 2020 11:56
Operator : SY/MD
Sample : VIBLK77
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK77

Quant Time: Jan 17 03:15:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM011620SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 03:10:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	327138	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	300611	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	141828	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.24	65	112678	25.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.28%			
7) Chloroethane-d5	2.76	69	102034	26.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.28%			
11) 1,1-Dichloroethene-d2	3.85	63	154678	19.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.00%			
21) 2-Butanone-d5	6.89	46	109647	55.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.78%			
24) Chloroform-d	7.49	84	195535	26.62	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.48%			
26) 1,2-Dichloroethane-d4	8.15	65	117957	27.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.04%			
32) Benzene-d6	8.11	84	442571	27.54	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.16%			
36) 1,2-Dichloropropane-d6	9.13	67	137883	27.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.48%			
41) Toluene-d8	10.18	98	403231	27.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.04%			
43) trans-1,3-Dichloropropene-	10.44	79	66387	26.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.36%			
47) 2-Hexanone-d5	10.78	63	93585	54.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.32%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	140445	26.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.64%			
66) 1,2-Dichlorobenzene-d4	13.72	152	141492	27.77	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.08%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	1937	0.379	ug/L	95
13) Acetone	3.96	43	7785	3.408	ug/L	98
16) Methylene chloride	4.72	84	7509	1.374	ug/L	89
30) 1,1,1-Trichloroethane	7.71	97	1948	0.289	ug/L #	86
40) 4-Methyl-2-pentanone	10.07	43	5332	1.017	ug/L	97
52) Ethylbenzene	11.59	91	7950	0.342	ug/L	91
53) m,p-Xylene	11.70	106	3552	0.393	ug/L	97
55) Styrene	12.04	104	5636	0.372	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.58	83	2925	0.502	ug/L #	95
59) Bromoform	12.20	173	1125	0.375	ug/L #	95
60) Isopropylbenzene	12.33	105	7768	0.344	ug/L #	81
61) 1,2,3-Trichloropropane	12.63	75	1796	0.407	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.81	105	8746	0.468	ug/L #	60
63) 1,2,4-Trimethylbenzene	13.11	105	9340	0.505	ug/L	92
64) 1,3-Dichlorobenzene	13.36	146	5117	0.511	ug/L	97
65) 1,4-Dichlorobenzene	13.44	146	5808	0.577	ug/L	100
67) 1,2-Dichlorobenzene	13.73	146	5427	0.585	ug/L #	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011620\

Quantitation Report (Not Reviewed)

Data File : VY001258.D
Acq On : 16 Jan 2020 11:56
Operator : SY/MD
Sample : VIBLK77
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK77

Quant Time: Jan 17 03:15:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM011620SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 03:10:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) 1,3,5-Trichlorobenzene	14.50	180	5380	0.781	ug/L	98
70) 1,2,4-trichlorobenzene	15.00	180	6481	1.033	ug/L	98
71) Naphthalene	15.23	128	24172	1.383	ug/L	100
72) 1,2,3-Trichlorobenzene	15.42	180	7435	1.270	ug/L	98

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

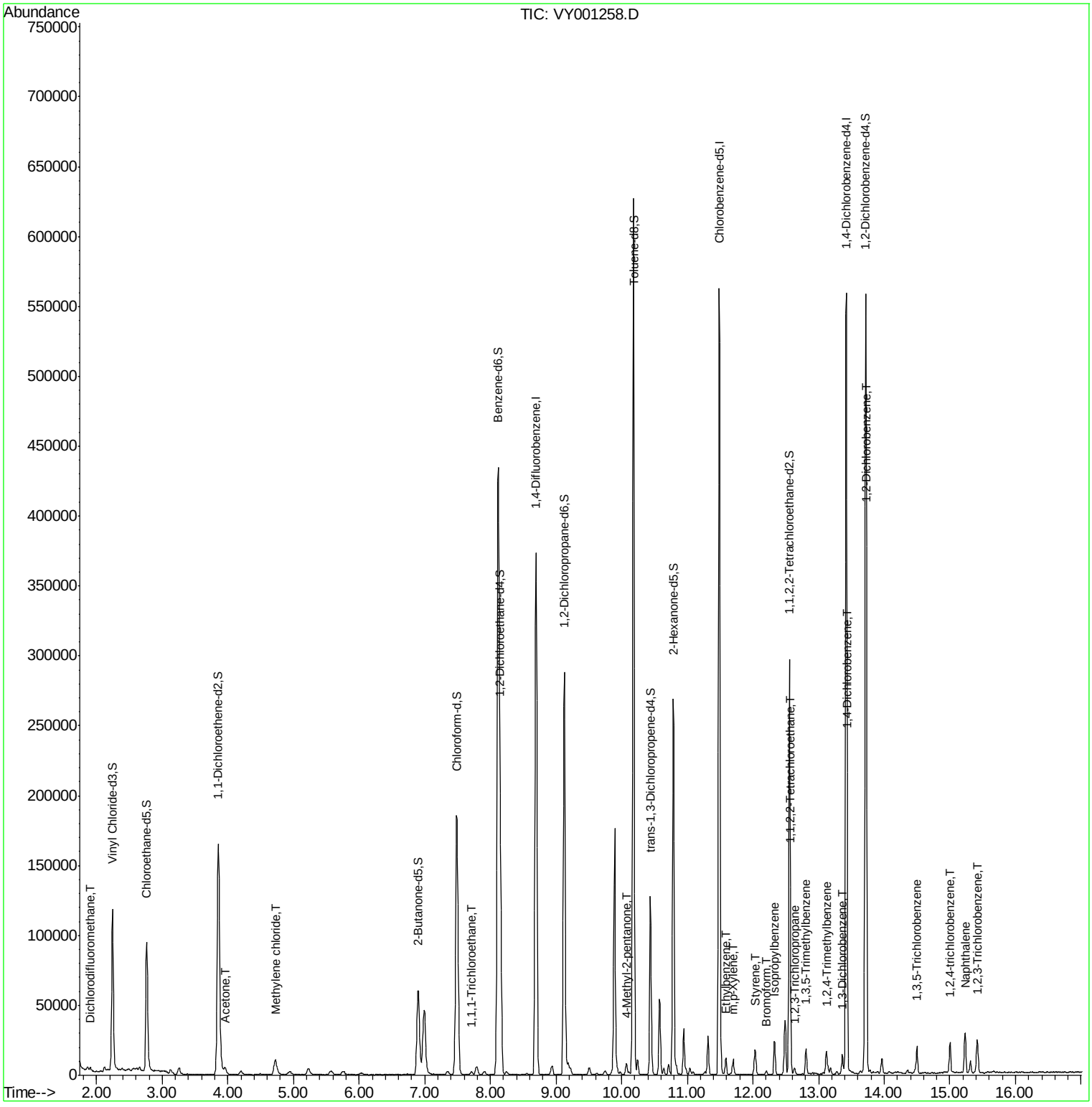
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011620\

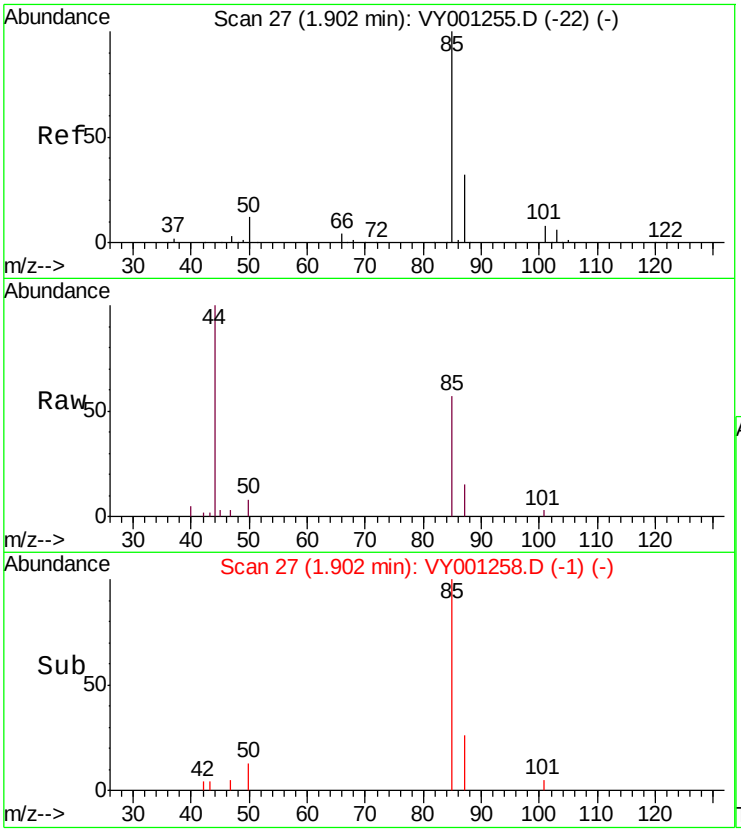
Quantitation Report (Not Reviewed)

Data File : VY001258.D
Acq On : 16 Jan 2020 11:56
Operator : SY/MD
Sample : VIBLK77
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK77

Quant Time: Jan 17 03:15:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM011620SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 03:10:21 2020
Response via : Initial Calibration



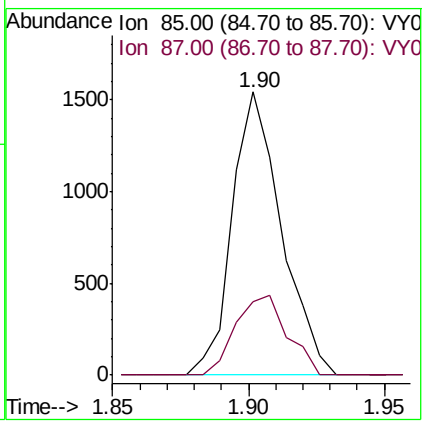


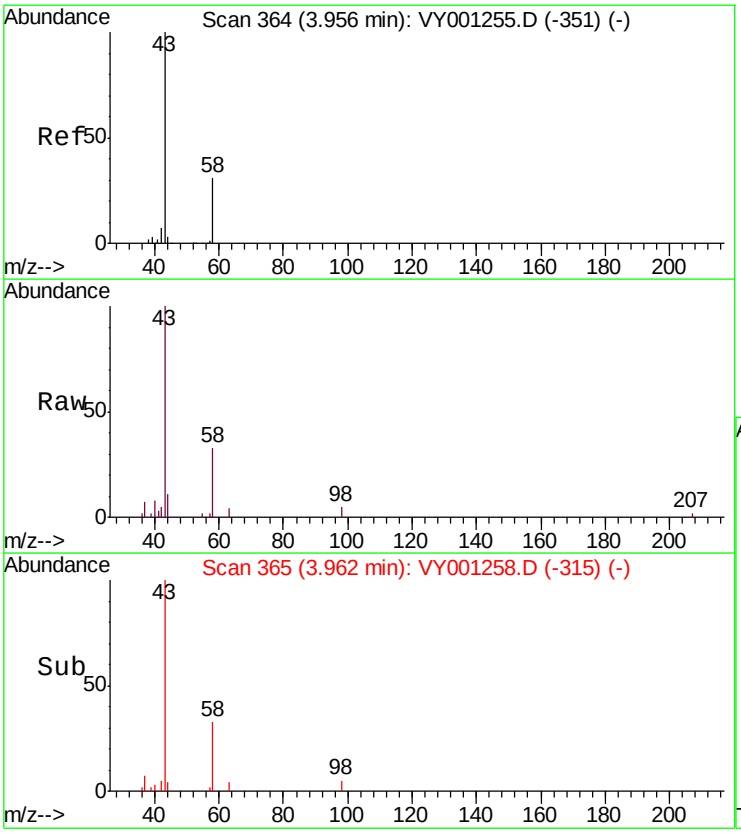
#2
Dichlorodifluoromethane
Concen: 0.379 ug/L
RT: 1.90 min Scan# 27
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK77

Tgt Ion: 85 Resp: 1937

Ion	Ratio	Lower	Upper
85	100		
87	29.6	26.1	39.1

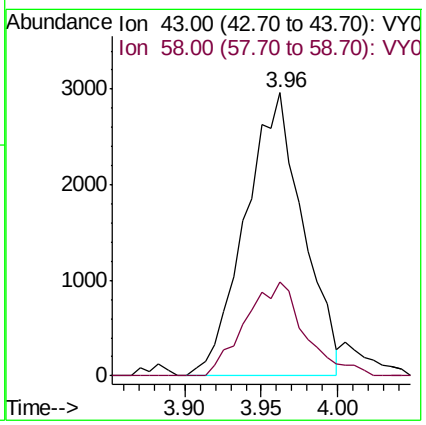


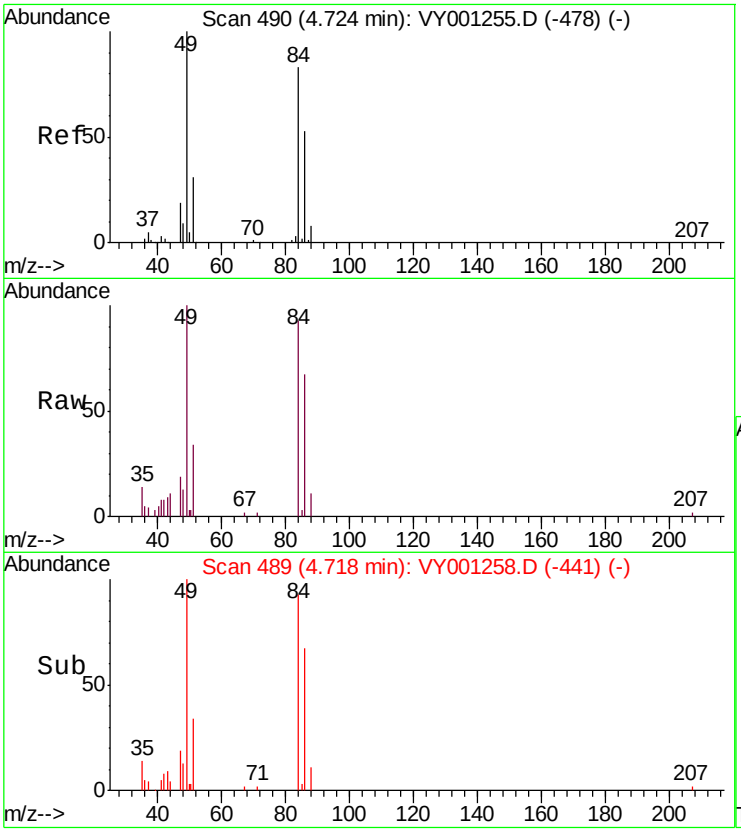


#13
Acetone
Concen: 3.408 ug/L
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Tgt Ion: 43 Resp: 7785

Ion	Ratio	Lower	Upper
43	100		
58	33.4	0.0	64.6



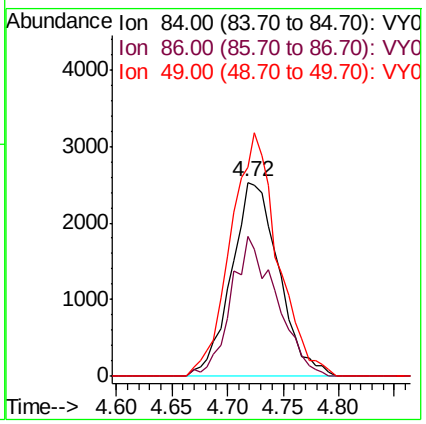


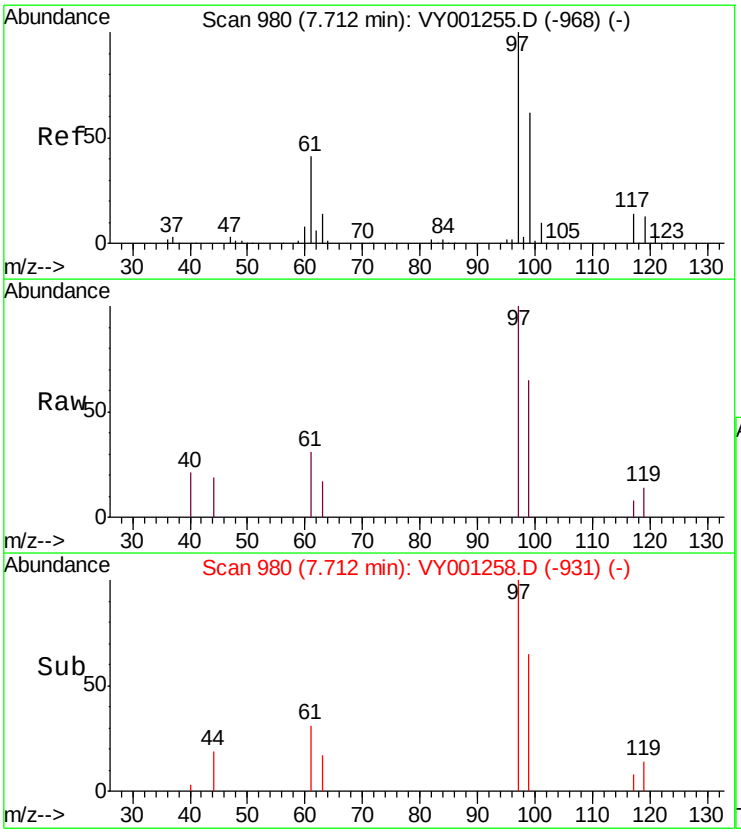
#16
Methylene chloride
Concen: 1.374 ug/L
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK77

Tgt Ion: 84 Resp: 7509

Ion	Ratio	Lower	Upper
84	100		
86	72.1	44.6	82.8
49	107.4	84.4	156.7

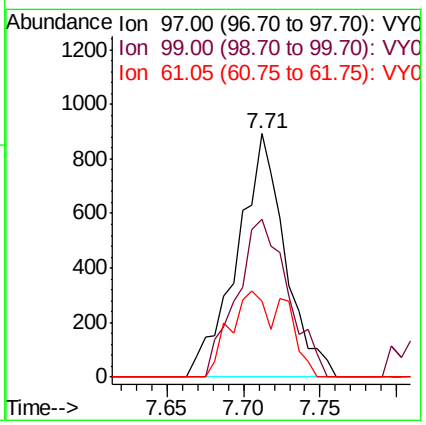


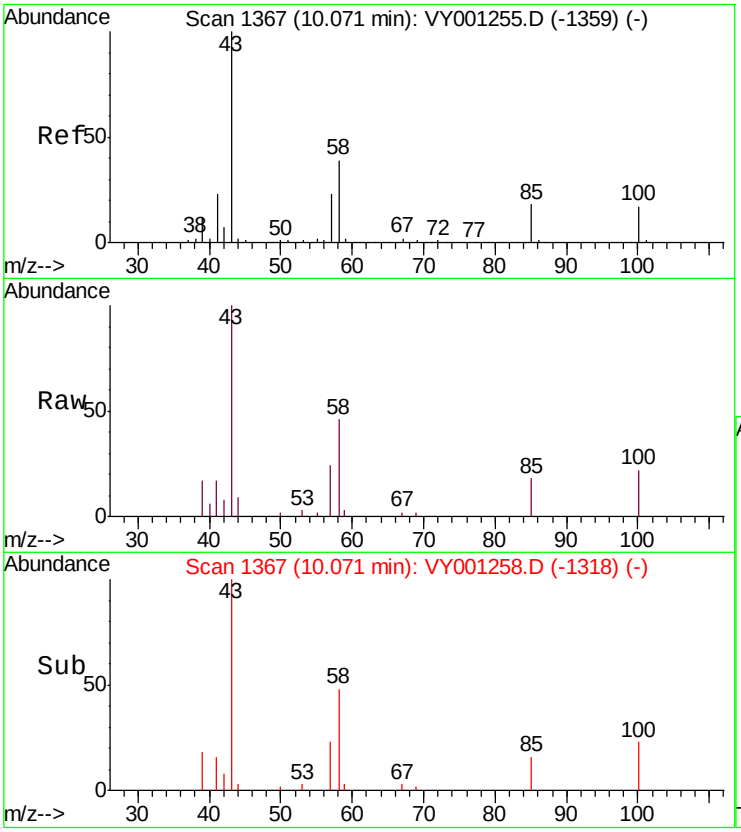


#30
1,1,1-Trichloroethane
Concen: 0.289 ug/L
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Tgt Ion: 97 Resp: 1948

Ion	Ratio	Lower	Upper
97	100		
99	69.6	51.5	77.3
61	27.7	35.2	52.8#



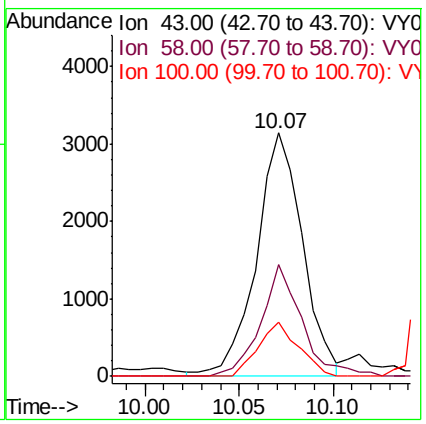


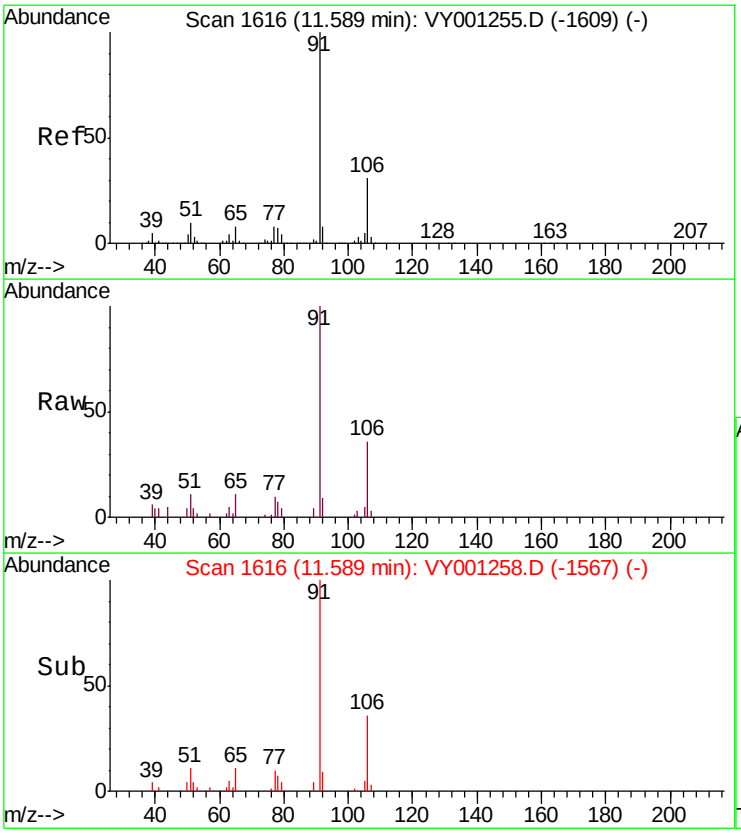
#40
4-Methyl-2-pentanone
Concen: 1.017 ug/L
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Instrument : MSVOA_Y
ClientSampleId : VIBLK77

Tgt Ion: 43 Resp: 5332

Ion	Ratio	Lower	Upper
43	100		
58	40.8	31.7	47.5
100	19.3	13.0	19.6

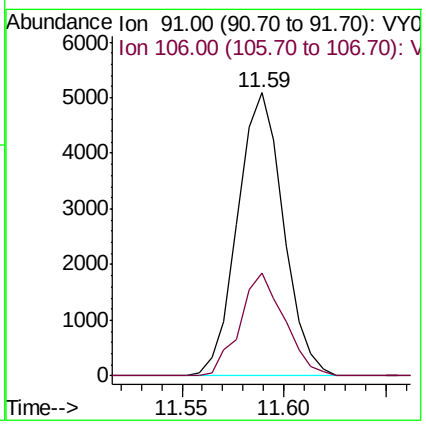


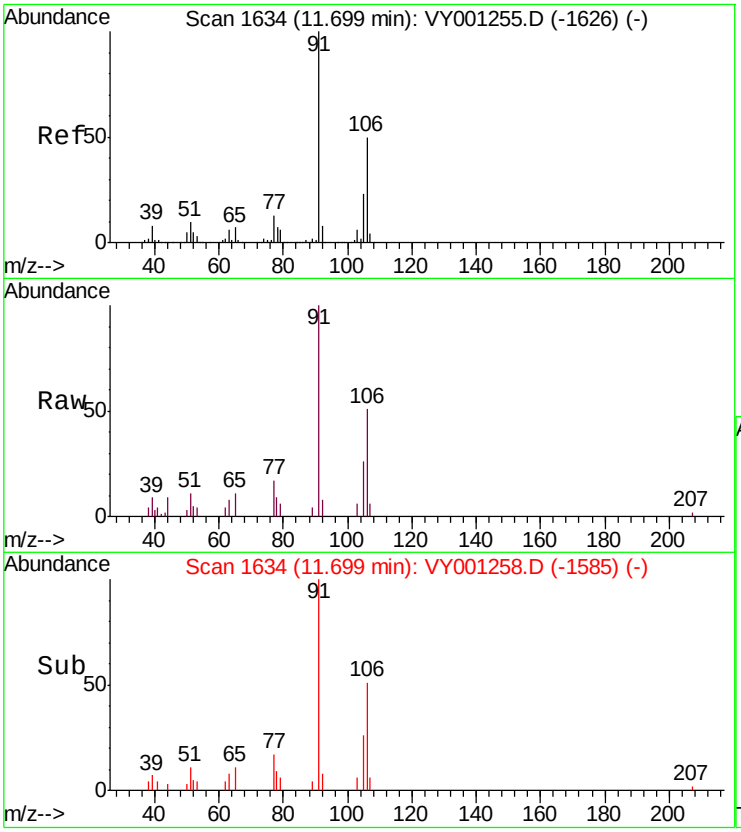


#52
Ethylbenzene
Concen: 0.342 ug/L
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Tgt Ion: 91 Resp: 7950

Ion	Ratio	Lower	Upper
91	100		
106	36.2	21.7	40.3



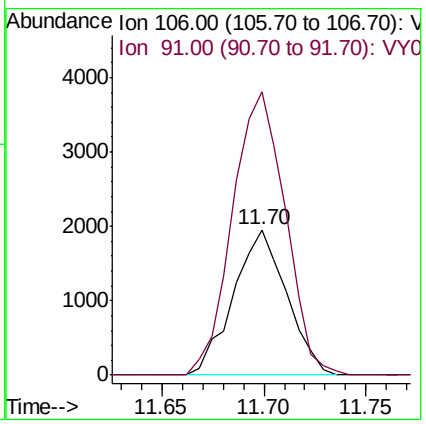


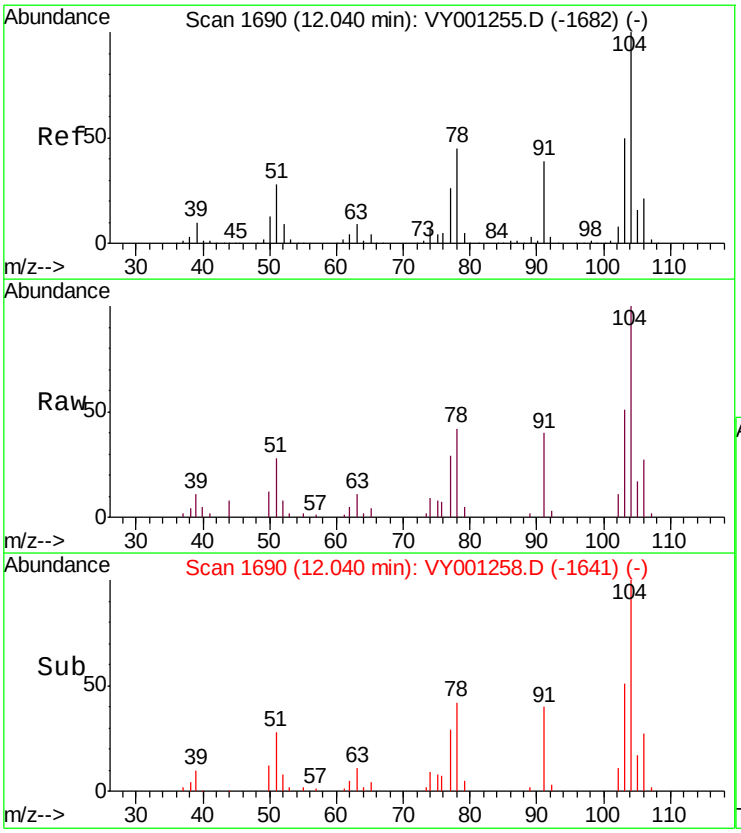
#53
m,p-Xylene
Concen: 0.393 ug/L
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK77

Tgt Ion:106 Resp: 3552

Ion	Ratio	Lower	Upper
106	100		
91	194.7	139.4	258.8

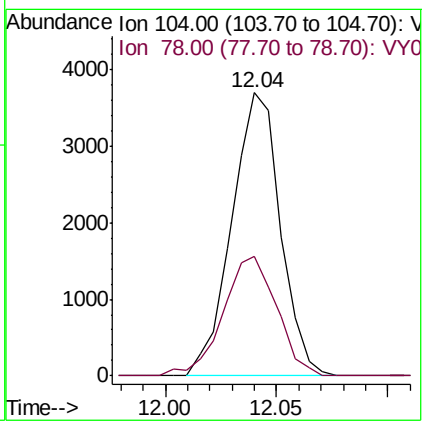


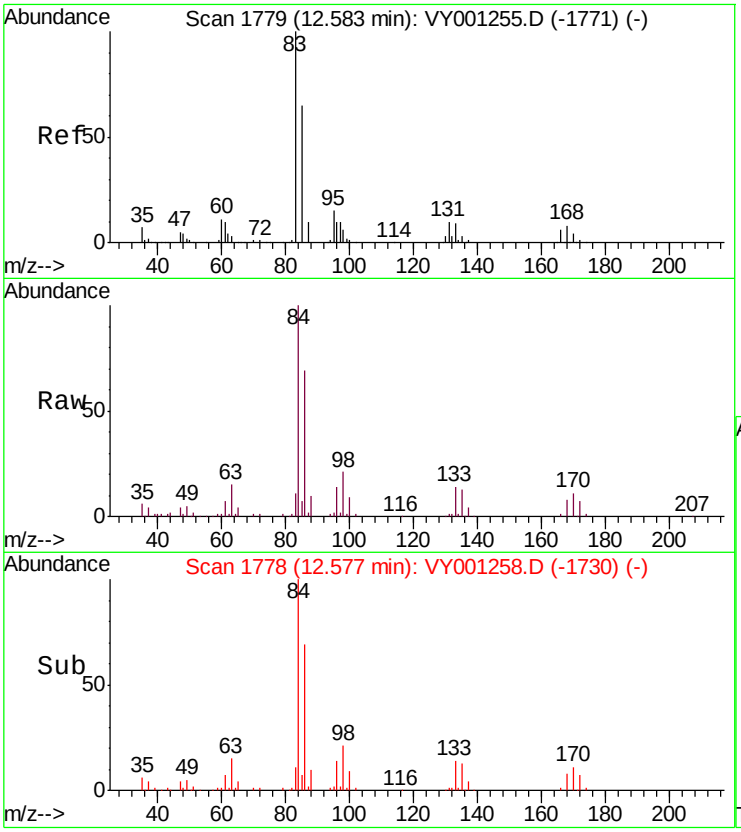


#55
Styrene
Concen: 0.372 ug/L
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Tgt Ion:104 Resp: 5636

Ion	Ratio	Lower	Upper
104	100		
78	42.1	31.6	58.6



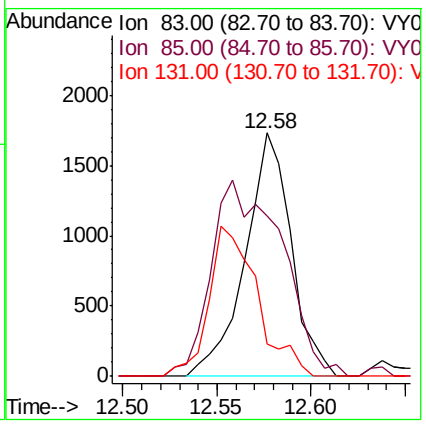


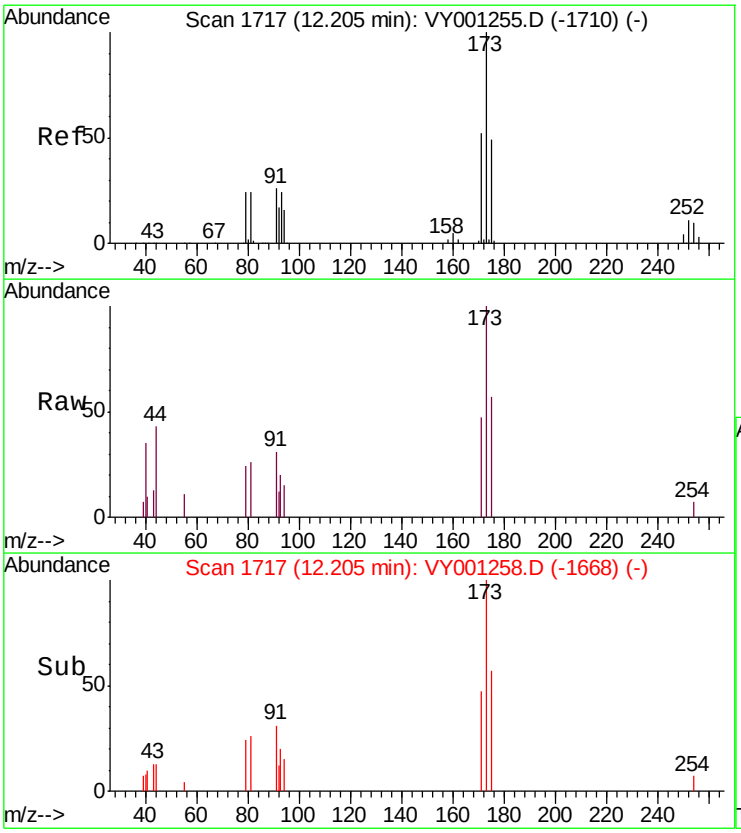
#57
1,1,2,2-Tetrachloroethane
Concen: 0.502 ug/L
RT: 12.58 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Instrument : MSVOA_Y
ClientSampleId : VIBLK77

Tgt Ion: 83 Resp: 2925

Ion	Ratio	Lower	Upper
83	100		
85	66.0	45.6	84.6
131	20.2	7.8	11.8#

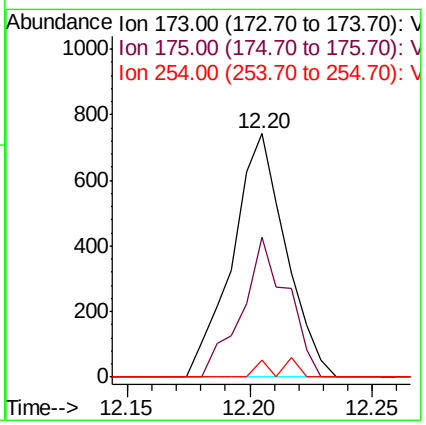


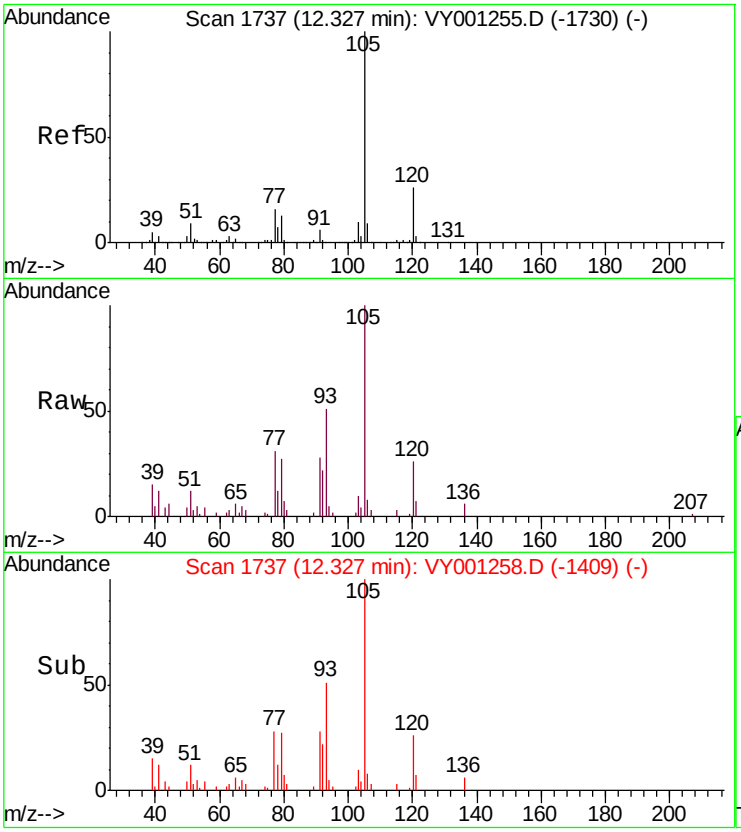


#59
Bromoform
Concen: 0.375 ug/L
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Tgt Ion:173 Resp: 1125

Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.5	57.7
254	1.7	8.2	12.2#



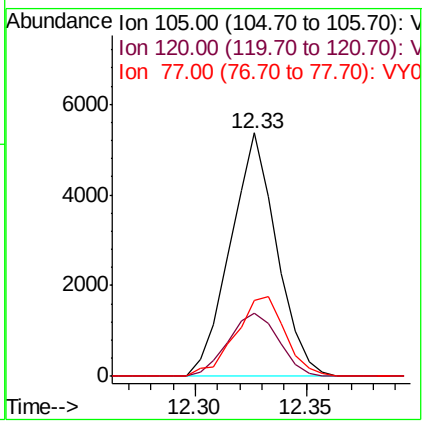


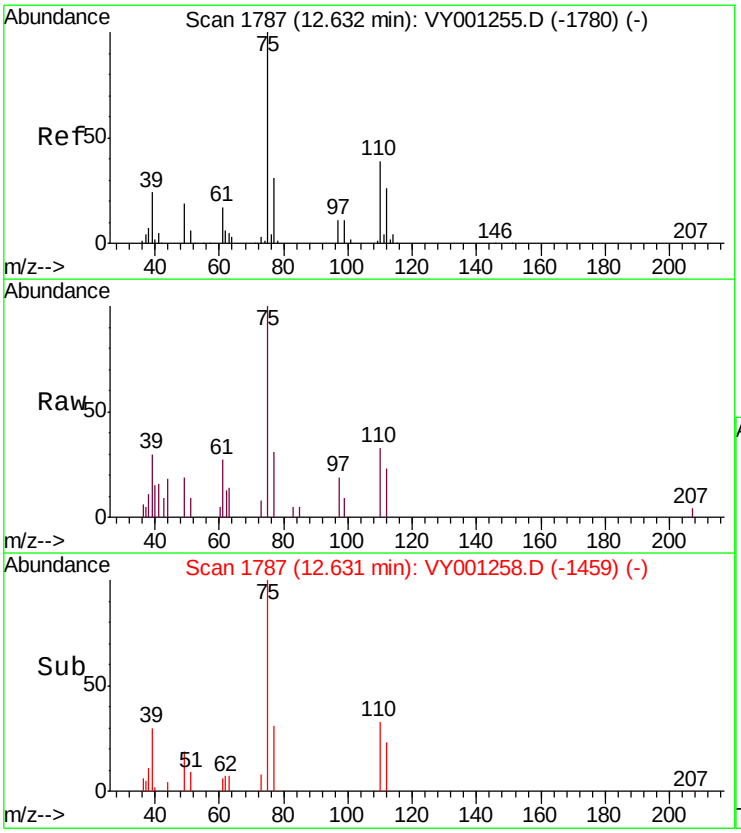
#60
Isopropylbenzene
Concen: 0.344 ug/L
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK77

Tgt Ion:105 Resp: 7768

Ion	Ratio	Lower	Upper
105	100		
120	28.2	21.4	32.2
77	35.4	12.3	18.5#

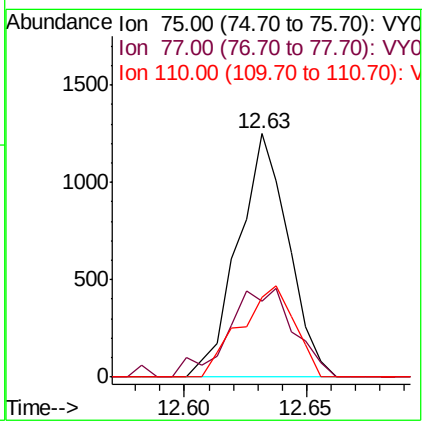


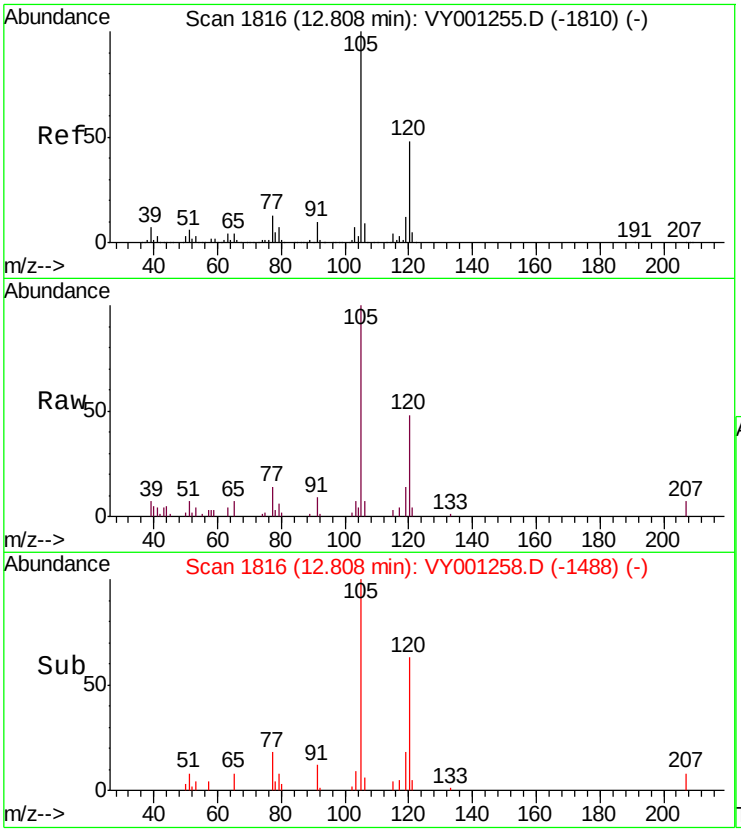


#61
1,2,3-Trichloropropane
Concen: 0.407 ug/L
RT: 12.63 min Scan# 1787
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Tgt Ion: 75 Resp: 1796

Ion	Ratio	Lower	Upper
75	100		
77	44.0	25.1	37.7#
110	40.6	31.4	47.2



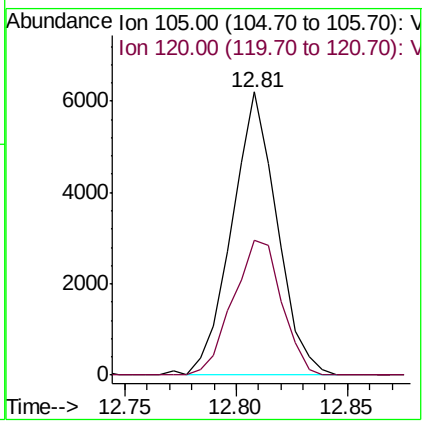


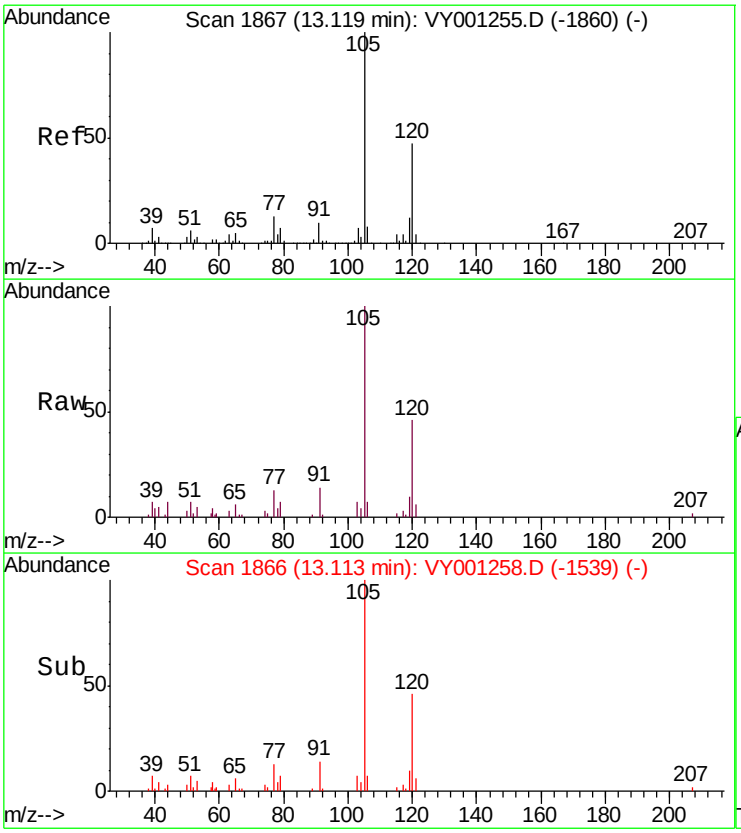
#62
1,3,5-Trimethylbenzene
Concen: 0.468 ug/L
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK77

Tgt Ion:105 Resp: 8746

Ion	Ratio	Lower	Upper
105	100		
120	51.3	0.2	0.2#

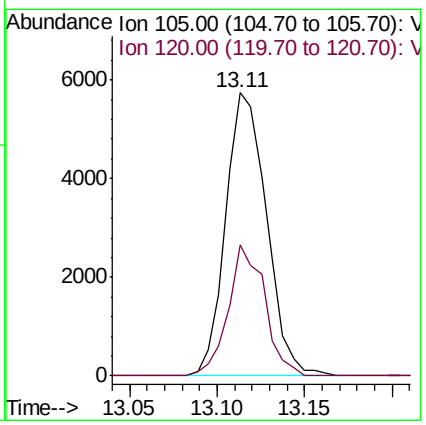


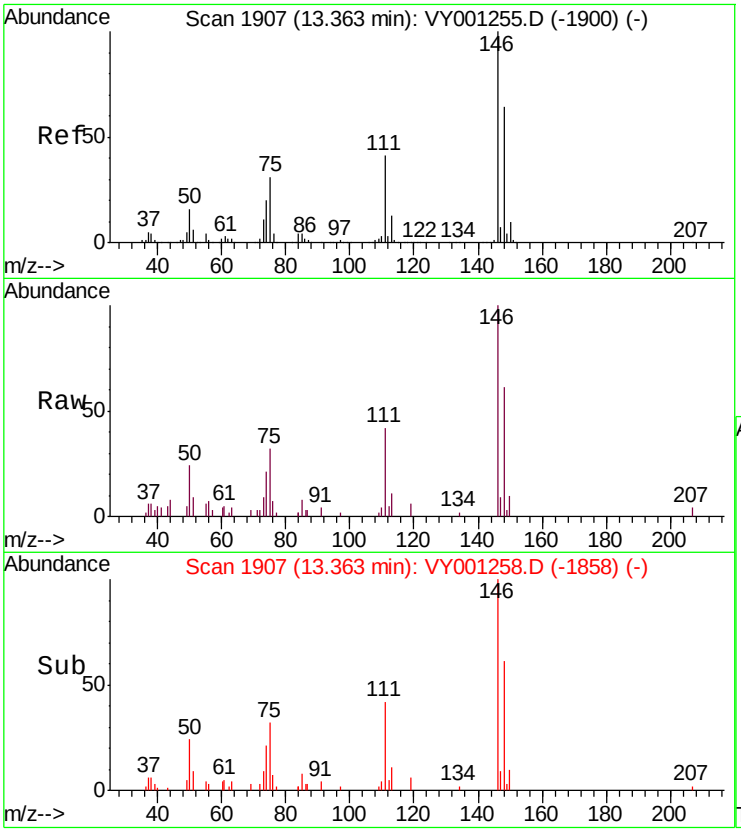


#63
1,2,4-Trimethylbenzene
Concen: 0.505 ug/L
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Tgt Ion:105 Resp: 9340

Ion	Ratio	Lower	Upper
105	100		
120	41.2	37.0	55.6



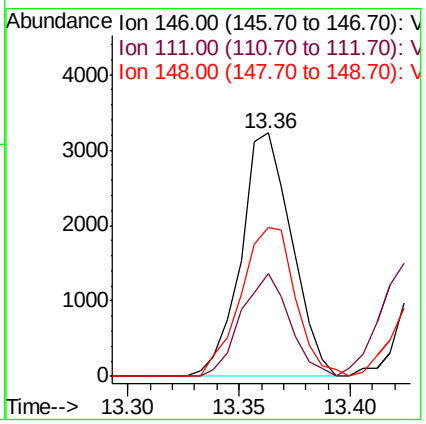


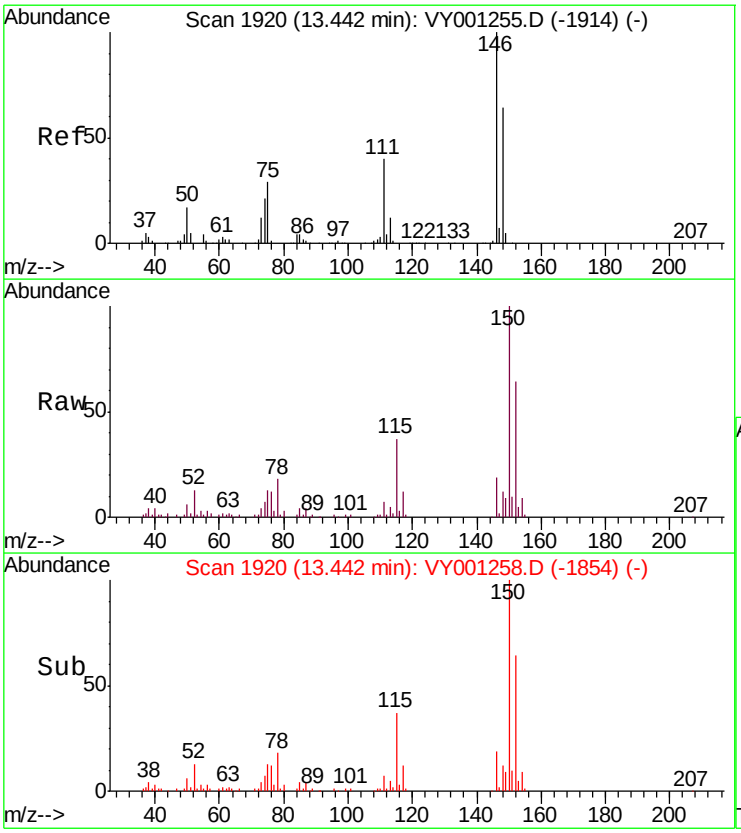
#64
1,3-Dichlorobenzene
Concen: 0.511 ug/L
RT: 13.36 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Instrument : MSVOA_Y
ClientSampleId : VIBLK77

Tgt Ion:146 Resp: 5117

Ion	Ratio	Lower	Upper
146	100		
111	42.1	28.7	53.3
148	61.1	44.5	82.7

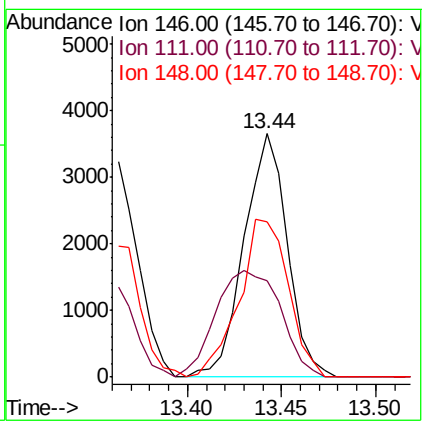


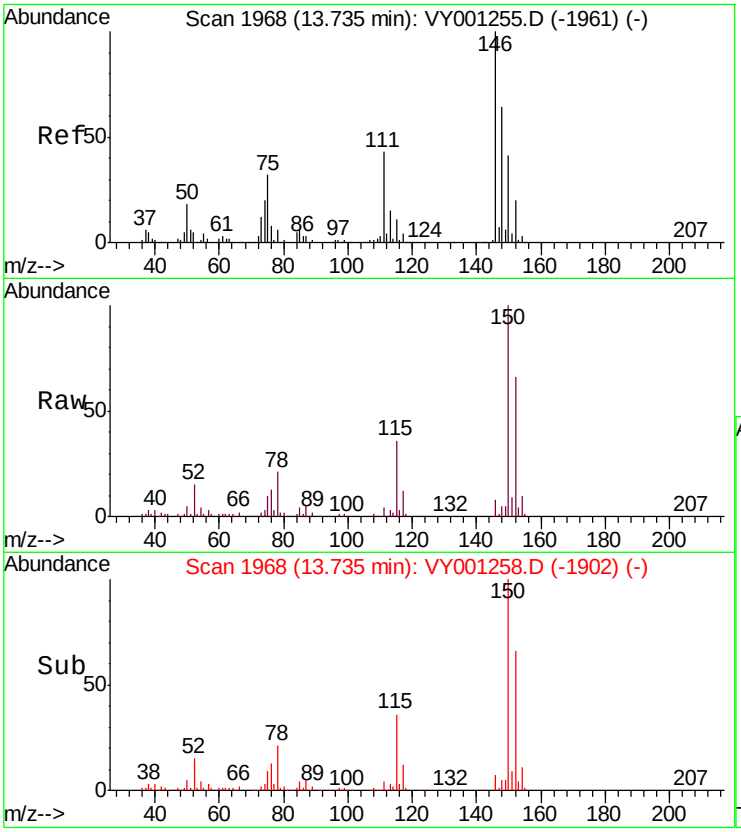


#65
1,4-Dichlorobenzene
Concen: 0.577 ug/L
RT: 13.44 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Tgt Ion:146 Resp: 5808

Ion	Ratio	Lower	Upper
146	100		
111	39.5	27.9	51.7
148	64.0	44.9	83.3



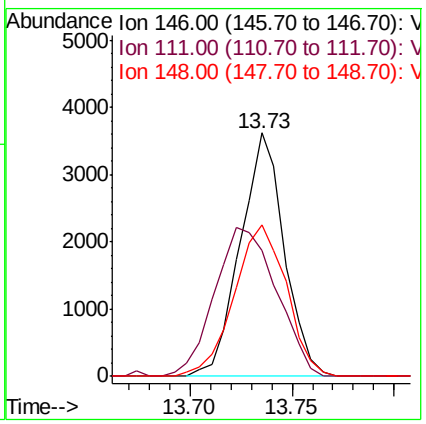


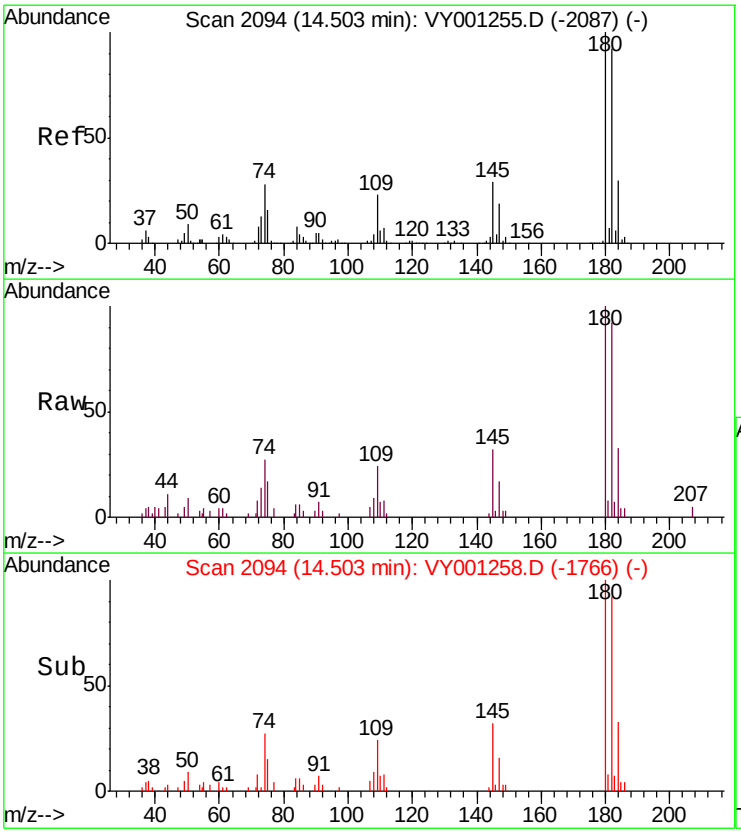
#67
1,2-Dichlorobenzene
Concen: 0.585 ug/L
RT: 13.73 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Instrument : MSVOA_Y
ClientSampleId : VIBLK77

Tgt Ion:146 Resp: 5427

Ion	Ratio	Lower	Upper
146	100		
111	51.5	34.2	51.4#
148	62.0	51.4	77.0

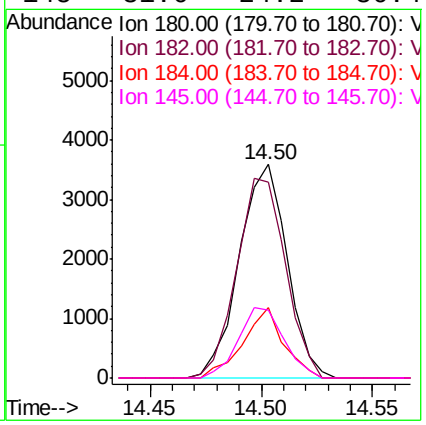


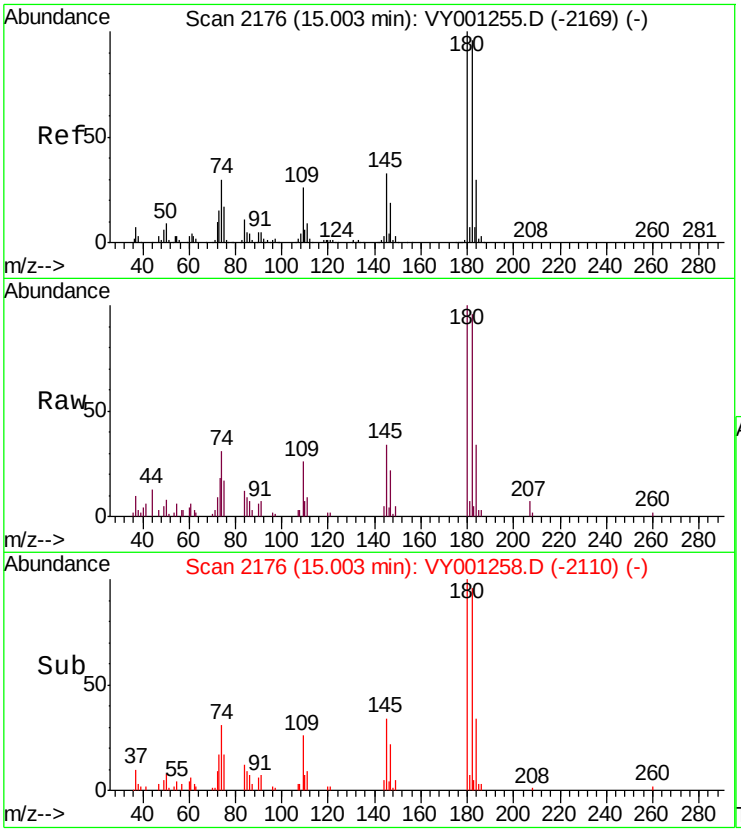


#69
1,3,5-Trichlorobenzene
Concen: 0.781 ug/L
RT: 14.50 min Scan# 2094
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Tgt Ion:180 Resp: 5380

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.0	112.6
184	28.2	23.9	35.9
145	31.6	24.2	36.4



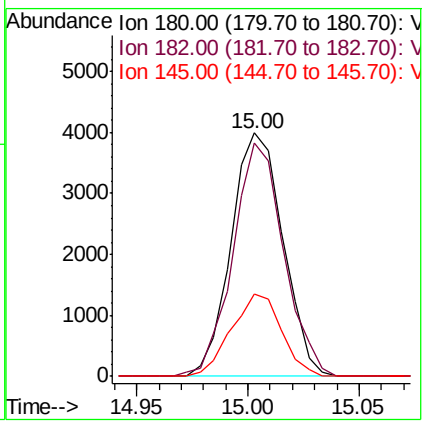


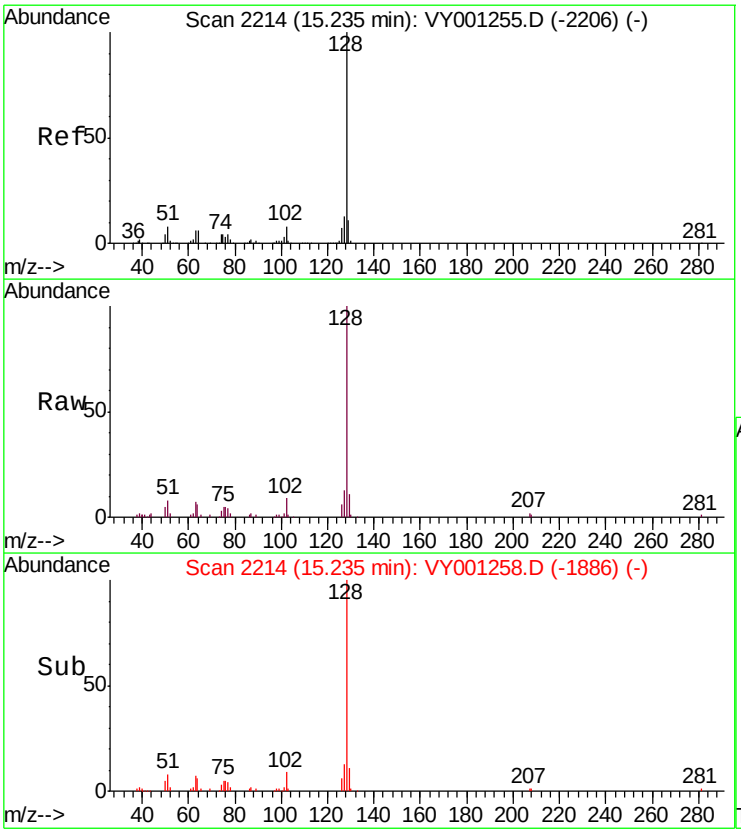
#70
1,2,4-trichlorobenzene
Concen: 1.033 ug/L
RT: 15.00 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK77

Tgt Ion:180 Resp: 6481

Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.7	115.1
145	32.9	25.9	38.9

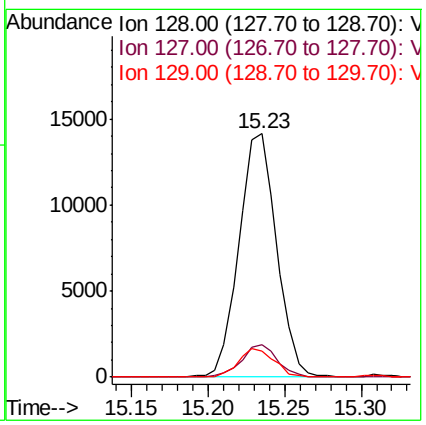


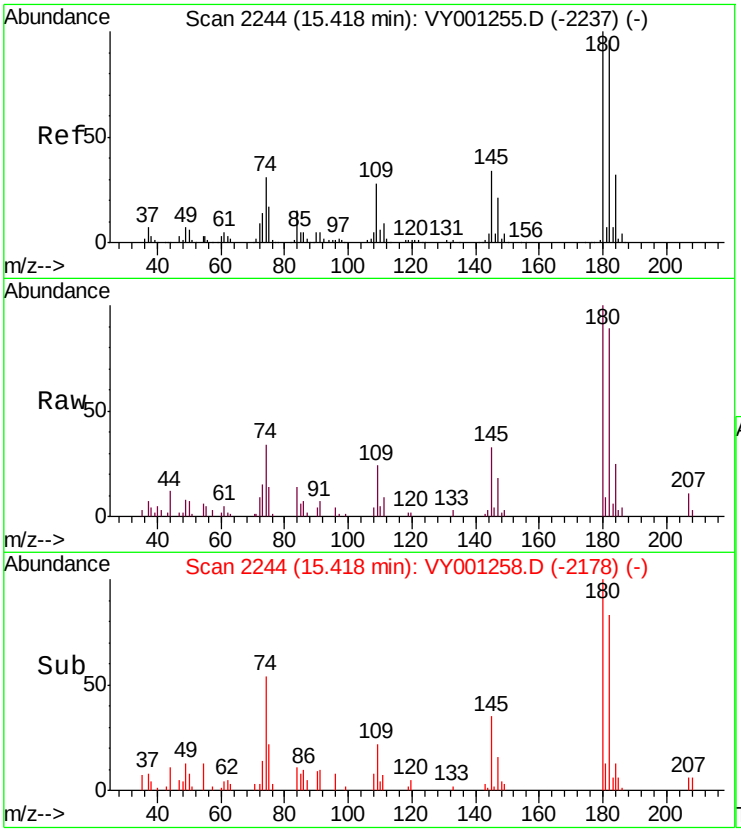


#71
Naphthalene
Concen: 1.383 ug/L
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Tgt Ion:128 Resp: 24172

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	11.2	8.8	13.2





#72
1,2,3-Trichlorobenzene
Concen: 1.270 ug/L
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY001258.D
Acq: 16 Jan 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK77

Tgt Ion:180 Resp: 7435

Ion	Ratio	Lower	Upper
180	100		
182	92.1	75.6	113.4
145	33.7	26.3	39.5