Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121820\
Data File : VY003813.D
Acq On : 18 Dec 2020 12:02
Operator : SY/MD
Sample : L5134-01
Misc : 5.60G/10ML/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Dec 19 00:18:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 19 00:17:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	246958	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	189587	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	58915	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	78136	23.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.76%			
7) Chloroethane-d5	2.77	69	61487	24.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.88%			
10) 1,1-Dichloroethene-d2	3.86	63	105912	14.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 59.84%			
20) 2-Butanone-d5	6.90	46	38034	25.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 51.80%			
24) Chloroform-d	7.49	84	140674	21.93	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.72%			
26) 1,2-Dichloroethane-d4	8.15	65	73090	20.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 80.60%			
29) Benzene-d6	8.12	84	314529	28.66	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.64%			
33) 1,2-Dichloropropane-d6	9.12	67	89195	26.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.44%			
37) Toluene-d8	10.18	98	265238	26.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.84%			
38) trans-1,3-Dichloropropene-	10.44	79	36359	21.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.32%			
39) 2-Hexanone-d5	10.79	63	30689	32.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.14%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	56773	19.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 76.04%			
61) 1,2-Dichlorobenzene-d4	13.72	152	53034	25.06	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.24%			
Target Compounds						Qvalue
16) Methylene chloride	4.73	84	3468	0.782	ug/L	84
35) Trichloroethene	8.70	95	6729	2.078	ug/L #	4
40) 1,2-Dichloropropane	9.12	63	9575	3.063	ug/L #	87
47) Tetrachloroethene	10.72	164	1993	0.774	ug/L	97
49) 2-Hexanone	10.79	43	3945	1.896	ug/L #	57
50) Dibromochloromethane	10.72	129	1629	0.549	ug/L #	10
53) Ethylbenzene	11.59	91	7434	0.531	ug/L	93
54) m,p-Xylene	11.70	106	12748	2.361	ug/L	89
55) o-xylene	12.03	106	5626	1.110	ug/L	99
59) 1,2,3-Trichloropropane	13.43	75	7070	2.833	ug/L	99
68) 1,2,4-trichlorobenzene	15.01	180	500	0.221	ug/L #	45
69) Naphthalene	15.23	128	3536	0.685	ug/L #	95
70) 1,2,3-Trichlorobenzene	15.42	180	446	0.217	ug/L #	93

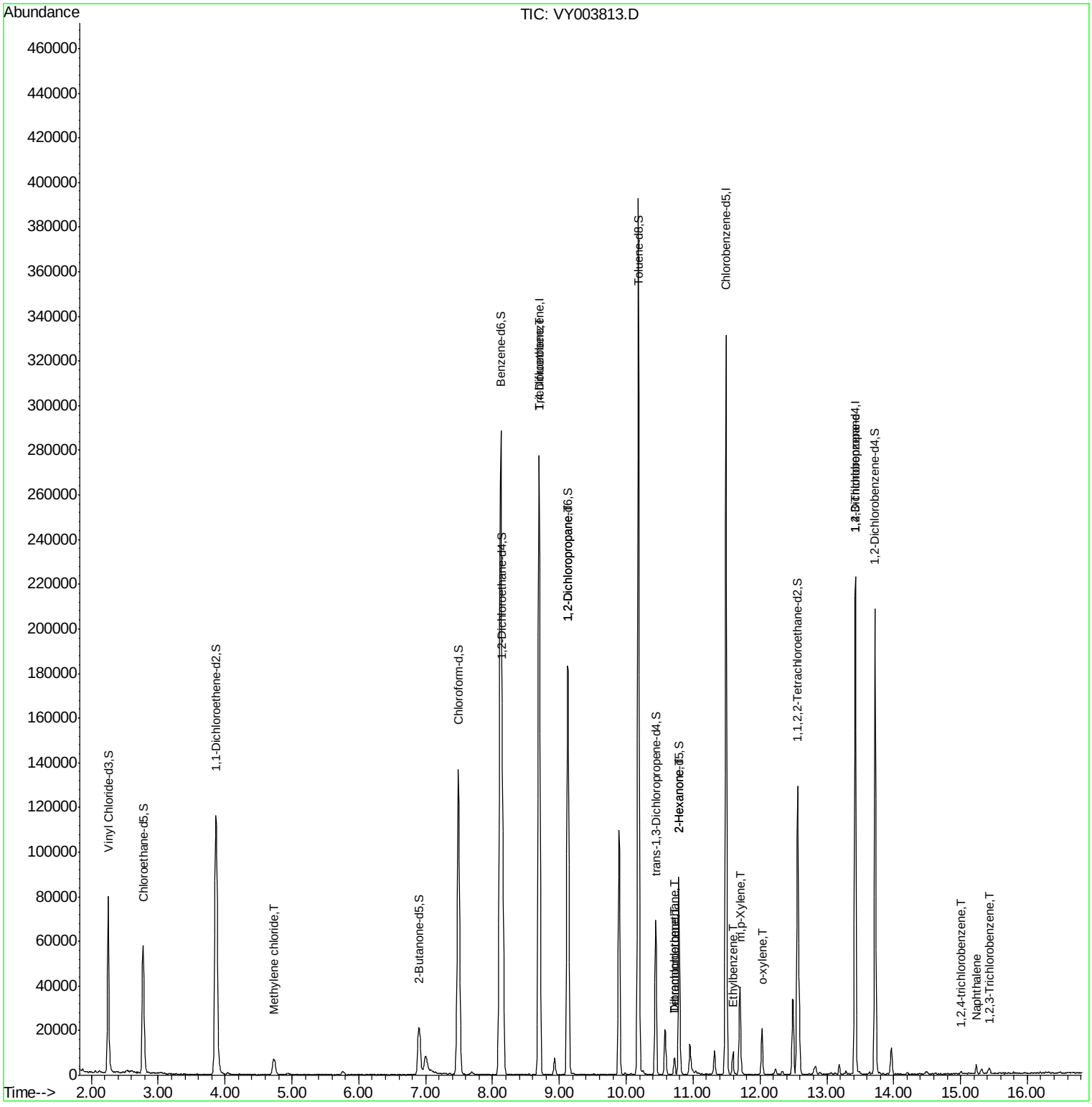
(#) = qualifier out of range (m) = manual integration (+) = signals summed

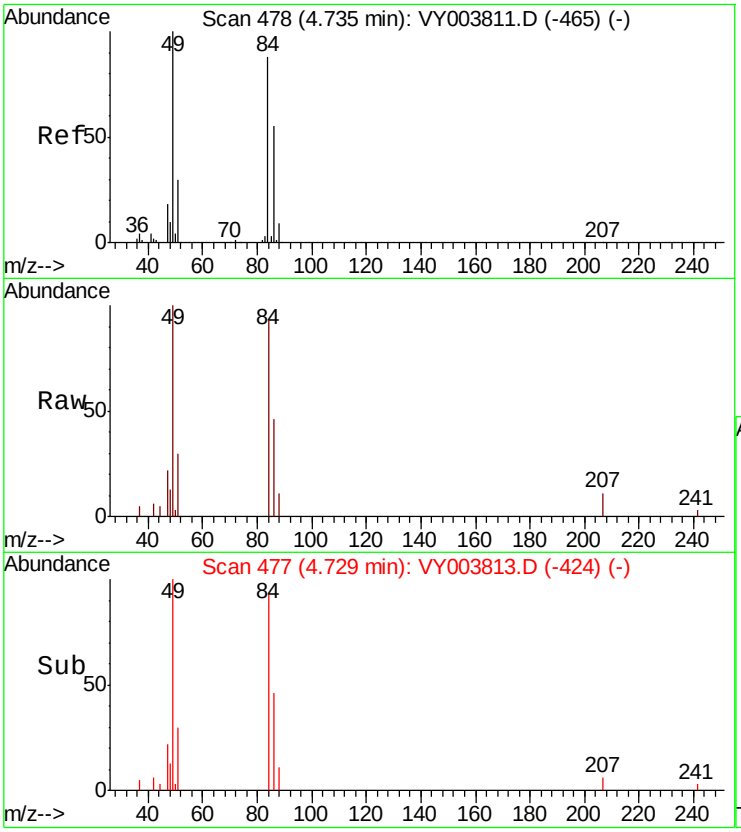
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121820\
Data File : VY003813.D
Acq On : 18 Dec 2020 12:02
Operator : SY/MD
Sample : L5134-01
Misc : 5.60G/10ML/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 19 00:18:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 19 00:17:11 2020
Response via : Initial Calibration



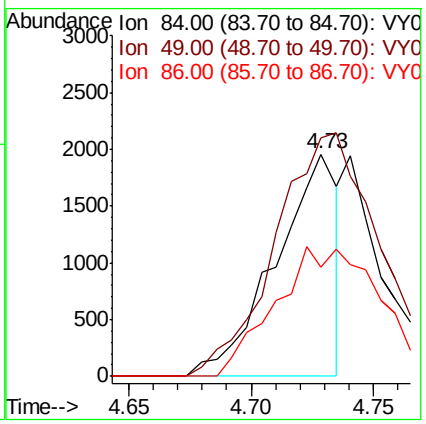


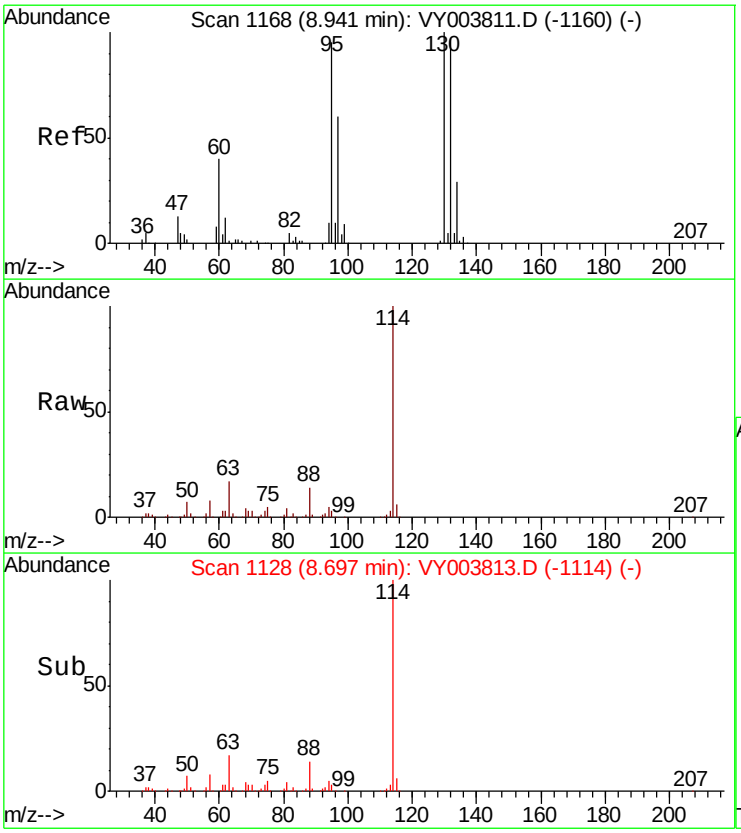
#16
Methylene chloride
Concen: 0.782 ug/L
RT: 4.73 min Scan# 477
Delta R.T. -0.01 min
Lab File: VY003813.D
Acq: 18 Dec 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 3468

Ion	Ratio	Lower	Upper
84	100		
49	107.6	88.2	163.8
86	49.5	43.0	79.8

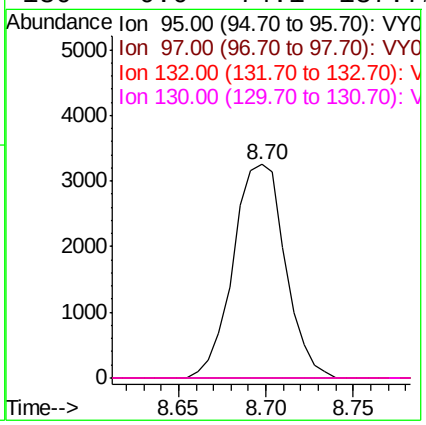


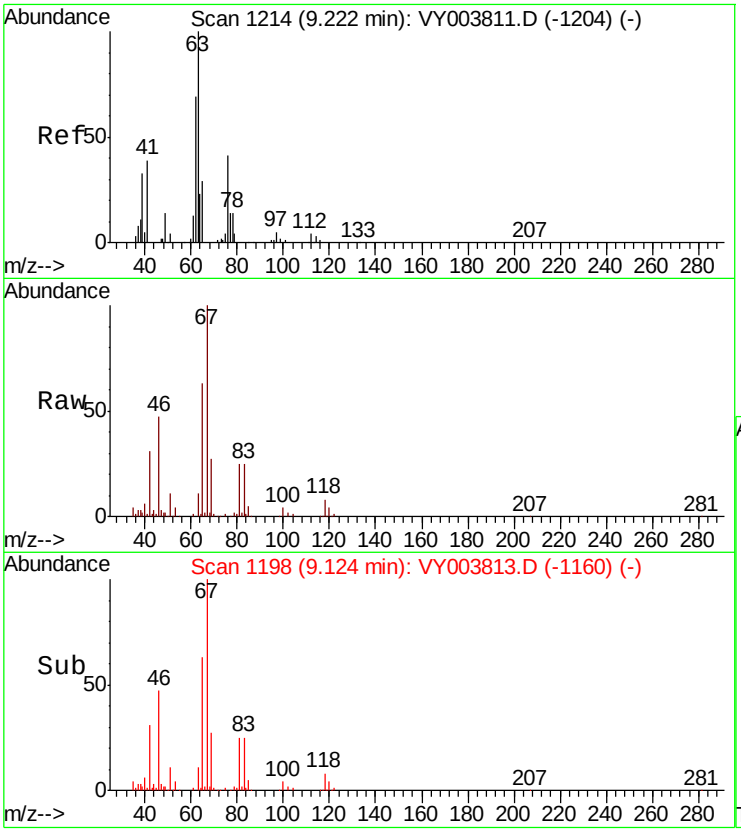


#35
Trichloroethene
Concen: 2.078 ug/L
RT: 8.70 min Scan# 1128
Delta R.T. -0.24 min
Lab File: VY003813.D
Acq: 18 Dec 2020 12:02

Tgt Ion: 95 Resp: 6729

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.4	84.4#
132	1.4	70.8	131.4#
130	0.0	74.1	137.7#



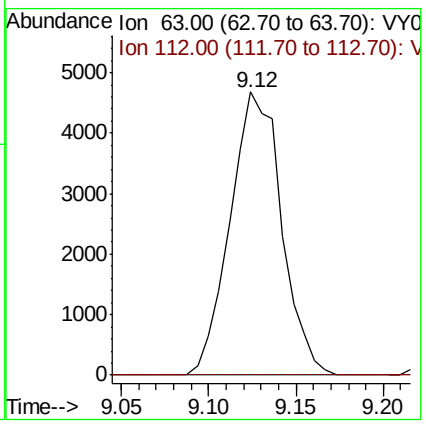


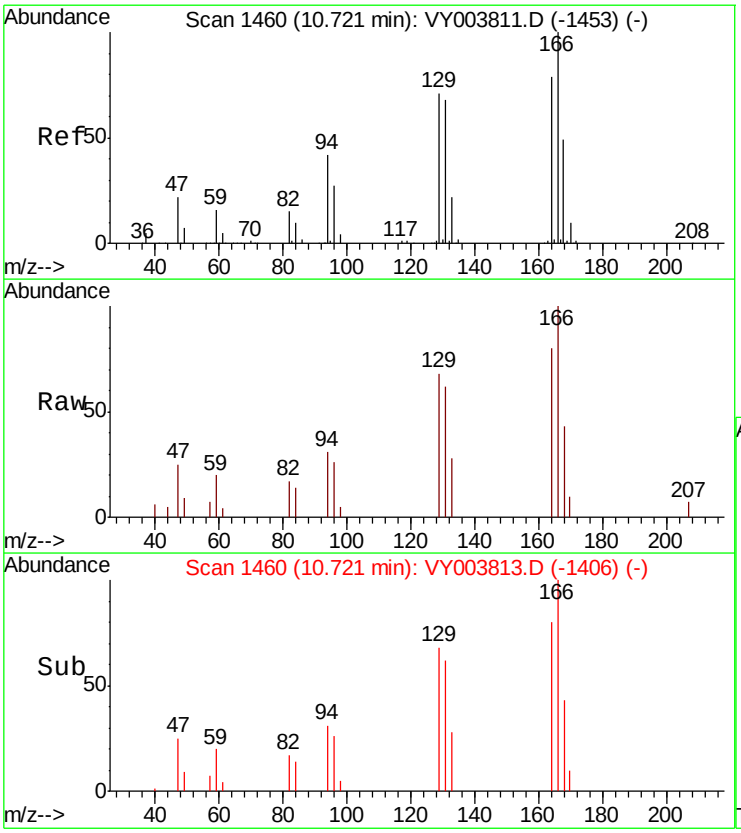
#40
1,2-Dichloropropane
Concen: 3.063 ug/L
RT: 9.12 min Scan# 1198
Delta R.T. -0.10 min
Lab File: VY003813.D
Acq: 18 Dec 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 63 Resp: 9575

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

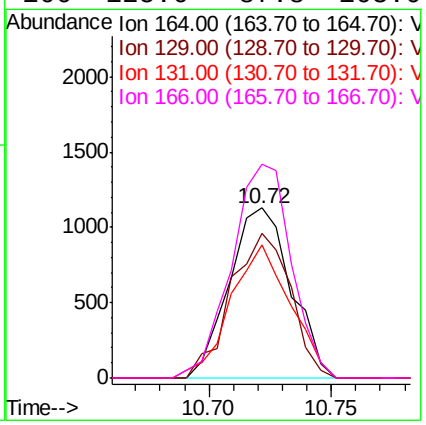


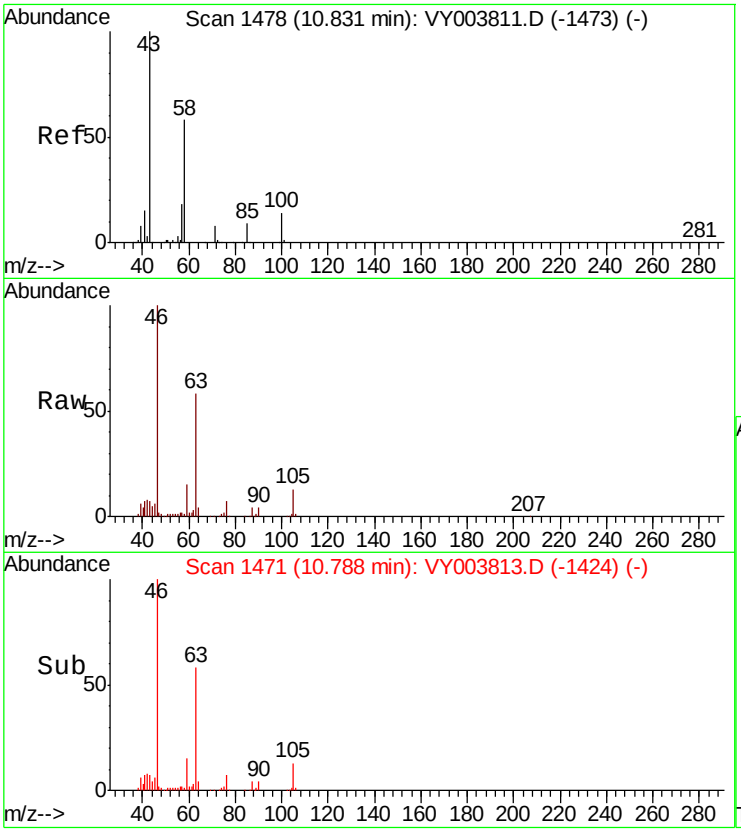


#47
Tetrachloroethene
Concen: 0.774 ug/L
RT: 10.72 min Scan# 1460
Delta R.T. 0.00 min
Lab File: VY003813.D
Acq: 18 Dec 2020 12:02

Tgt Ion:164 Resp: 1993

Ion	Ratio	Lower	Upper
164	100		
129	85.3	61.3	113.9
131	78.2	60.4	112.2
166	125.6	87.8	163.0



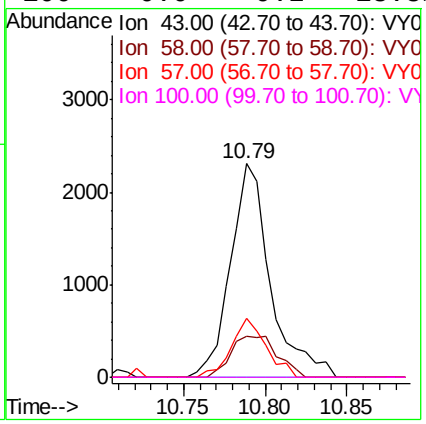


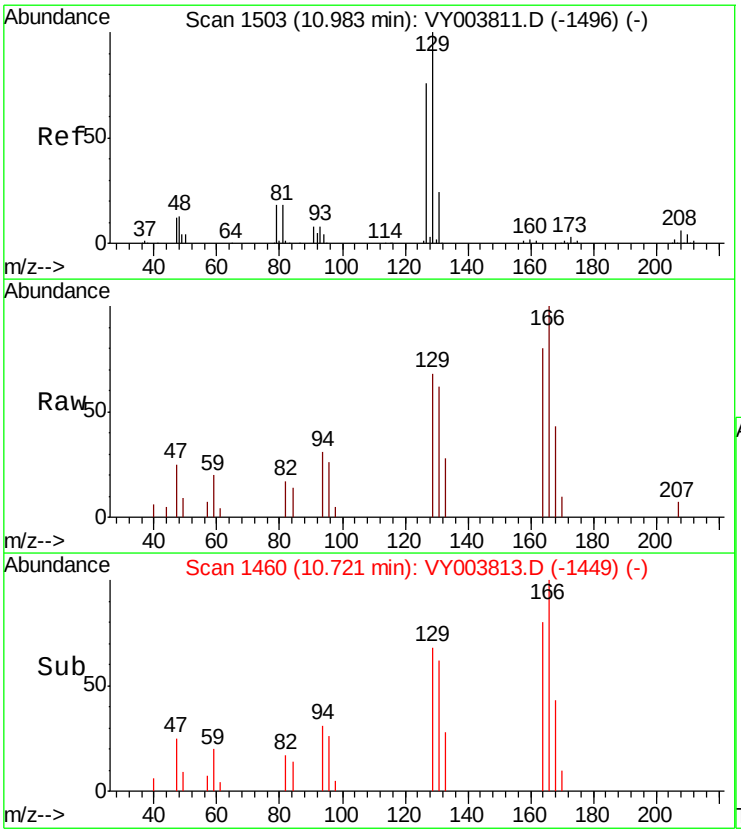
#49
2-Hexanone
Concen: 1.896 ug/L
RT: 10.79 min Scan# 1471
Delta R.T. -0.04 min
Lab File: VY003813.D
Acq: 18 Dec 2020 12:02

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 3945

Ion	Ratio	Lower	Upper
43	100		
58	13.9	43.0	64.4#
57	24.1	14.1	21.1#
100	0.0	9.2	13.8#

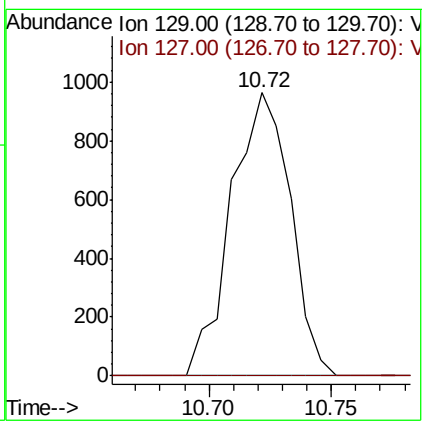


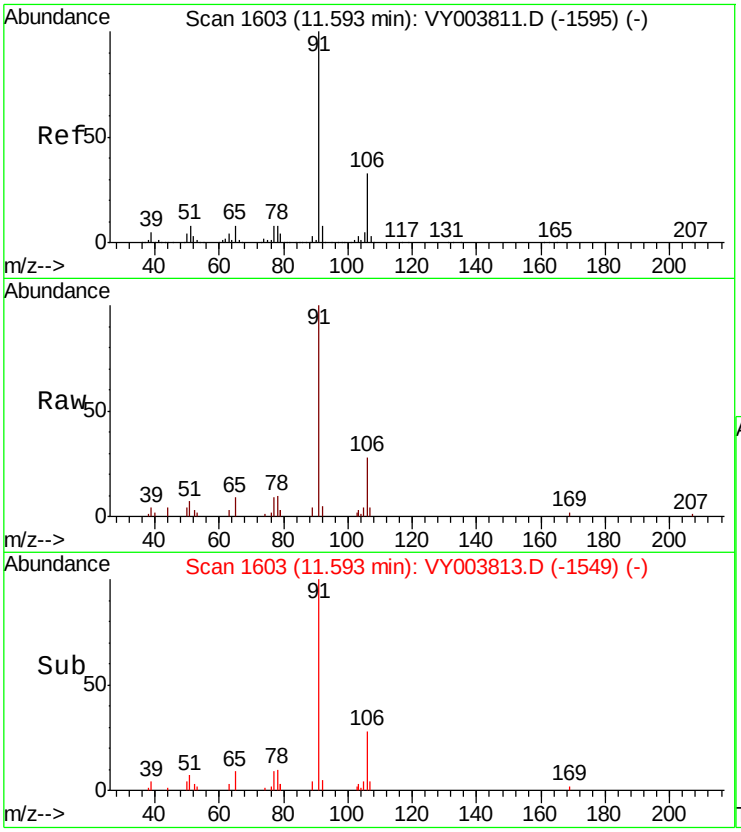


#50
Dibromochloromethane
Concen: 0.549 ug/L
RT: 10.72 min Scan# 1460
Delta R.T. -0.26 min
Lab File: VY003813.D
Acq: 18 Dec 2020 12:02

Tgt Ion:129 Resp: 1629

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.4#



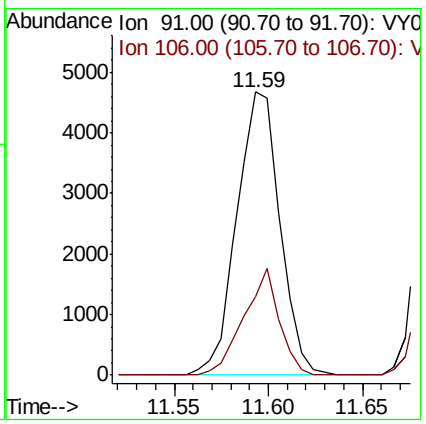


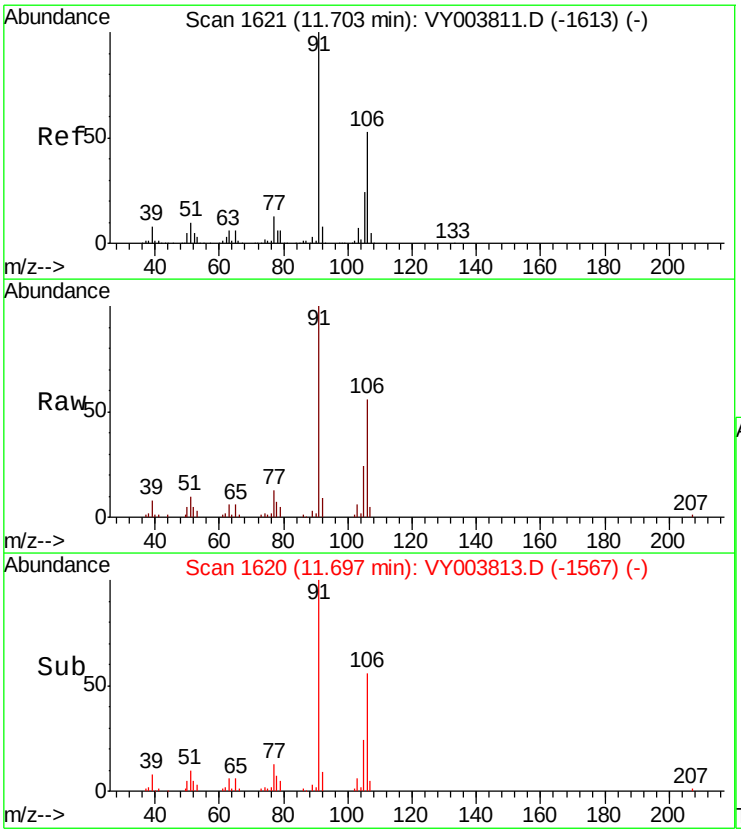
#53
Ethylbenzene
Concen: 0.531 ug/L
RT: 11.59 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY003813.D
Acq: 18 Dec 2020 12:02

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 7434

Ion	Ratio	Lower	Upper
91	100		
106	27.8	22.0	41.0

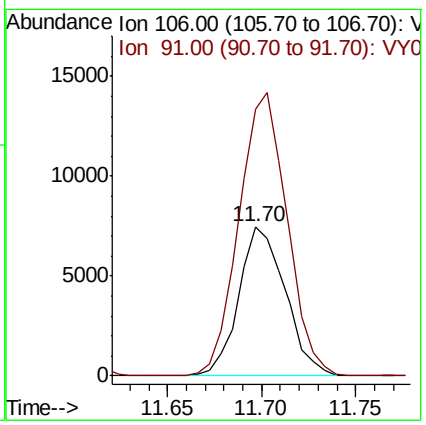


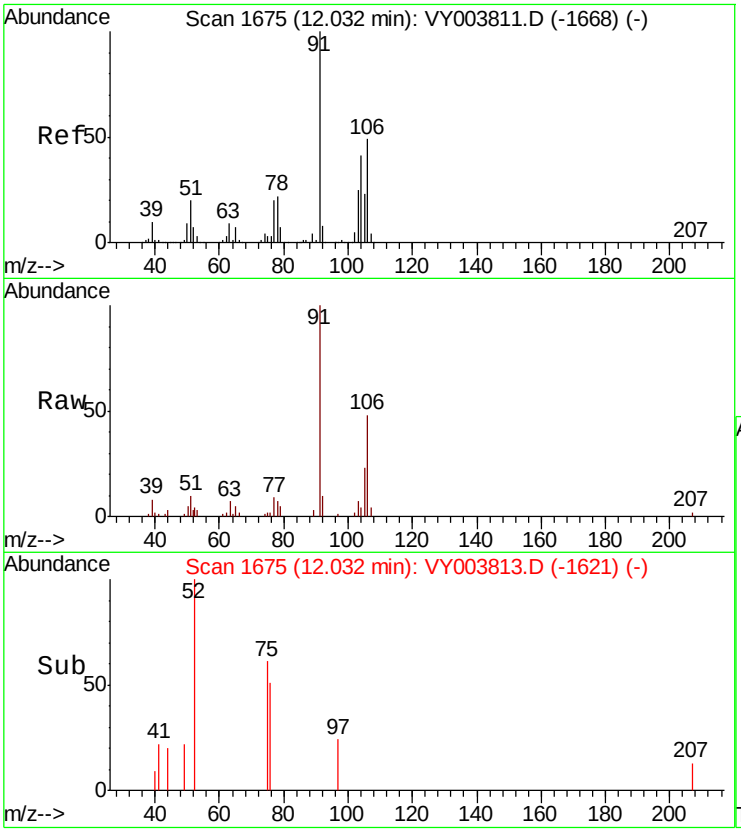


#54
m,p-Xylene
Concen: 2.361 ug/L
RT: 11.70 min Scan# 1620
Delta R.T. -0.01 min
Lab File: VY003813.D
Acq: 18 Dec 2020 12:02

Tgt Ion:106 Resp: 12748

Ion	Ratio	Lower	Upper
106	100		
91	179.0	136.4	253.4



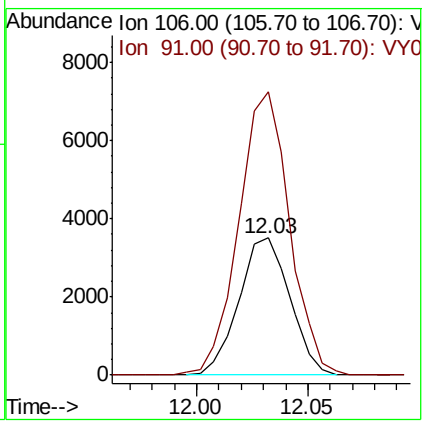


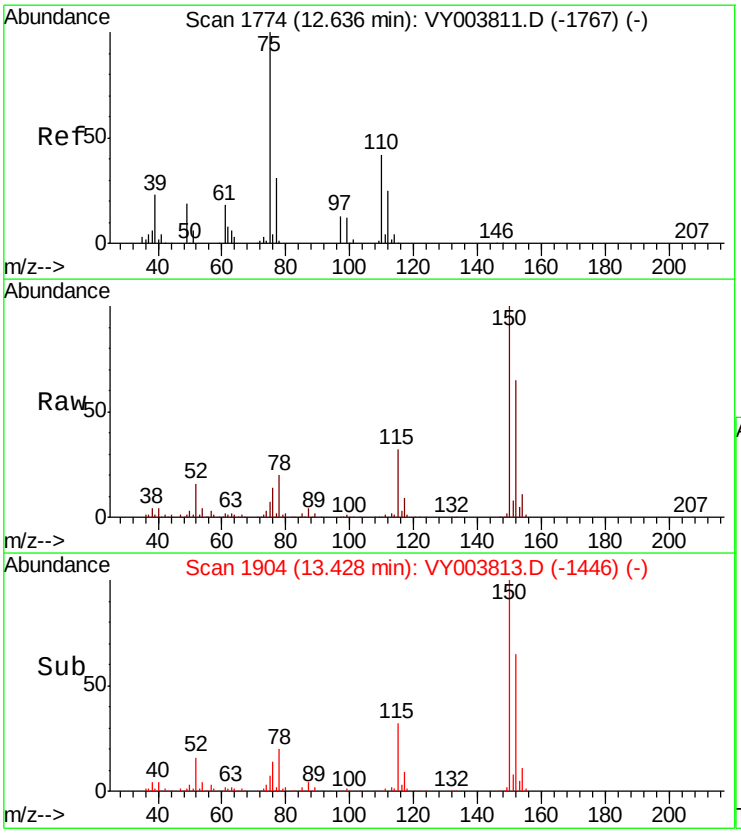
#55
o-xylene
Concen: 1.110 ug/L
RT: 12.03 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VY003813.D
Acq: 18 Dec 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 5626

Ion	Ratio	Lower	Upper
106	100		
91	206.2	145.5	270.1

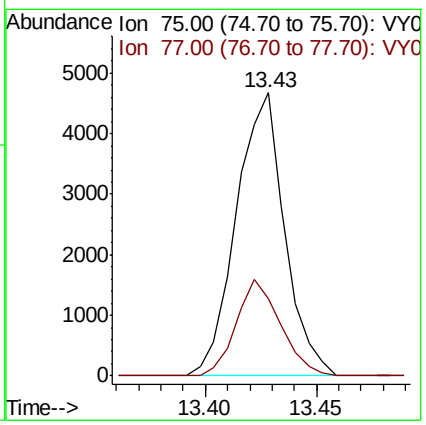


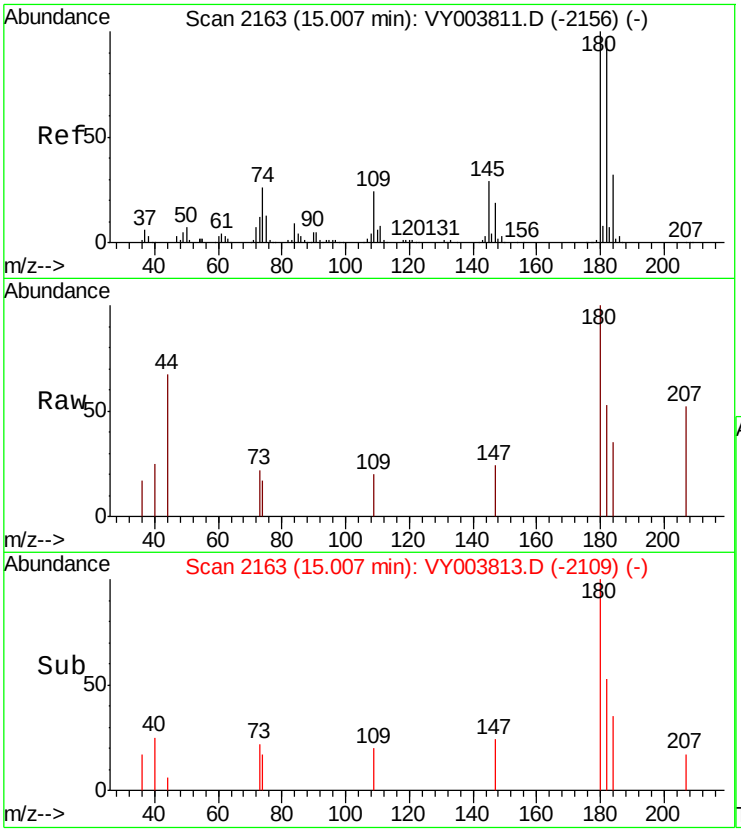


#59
1,2,3-Trichloropropane
Concen: 2.833 ug/L
RT: 13.43 min Scan# 1904
Delta R.T. 0.79 min
Lab File: VY003813.D
Acq: 18 Dec 2020 12:02

Tgt Ion: 75 Resp: 7070

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.5	38.3



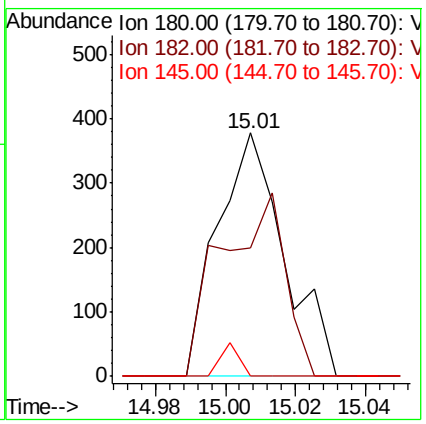


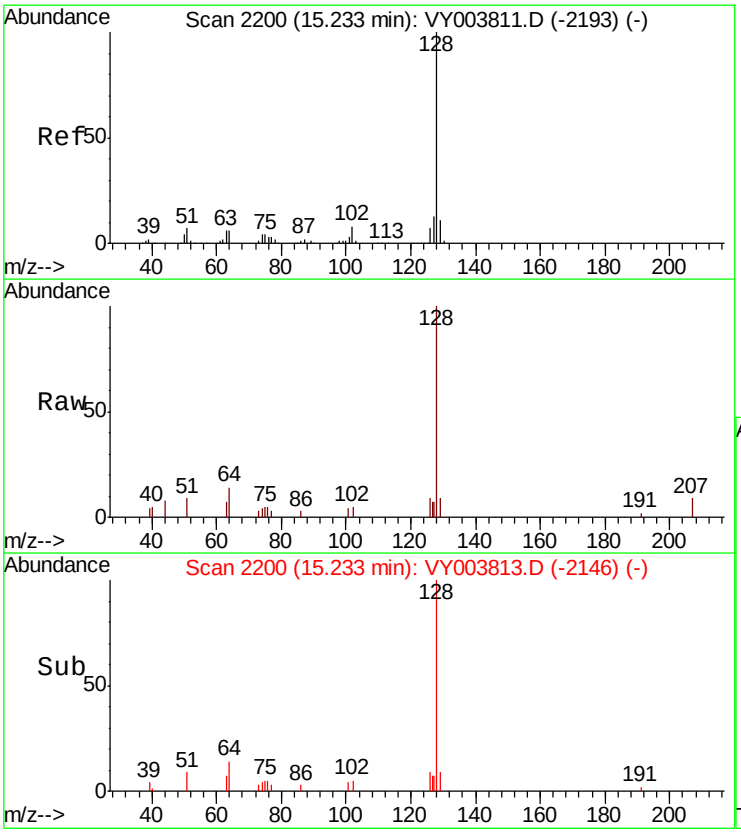
#68
1,2,4-trichlorobenzene
Concen: 0.221 ug/L
RT: 15.01 min Scan# 2163
Delta R.T. 0.00 min
Lab File: VY003813.D
Acq: 18 Dec 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:180 Resp: 500

Ion	Ratio	Lower	Upper
180	100		
182	42.2	76.8	115.2#
145	0.0	23.7	35.5#

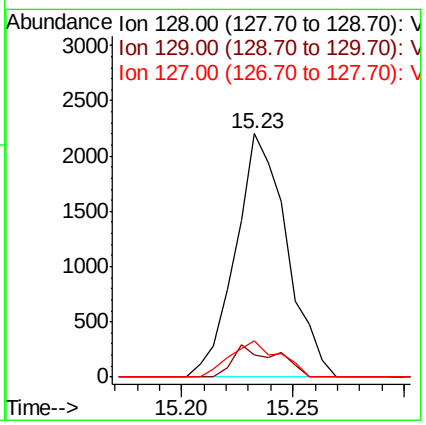


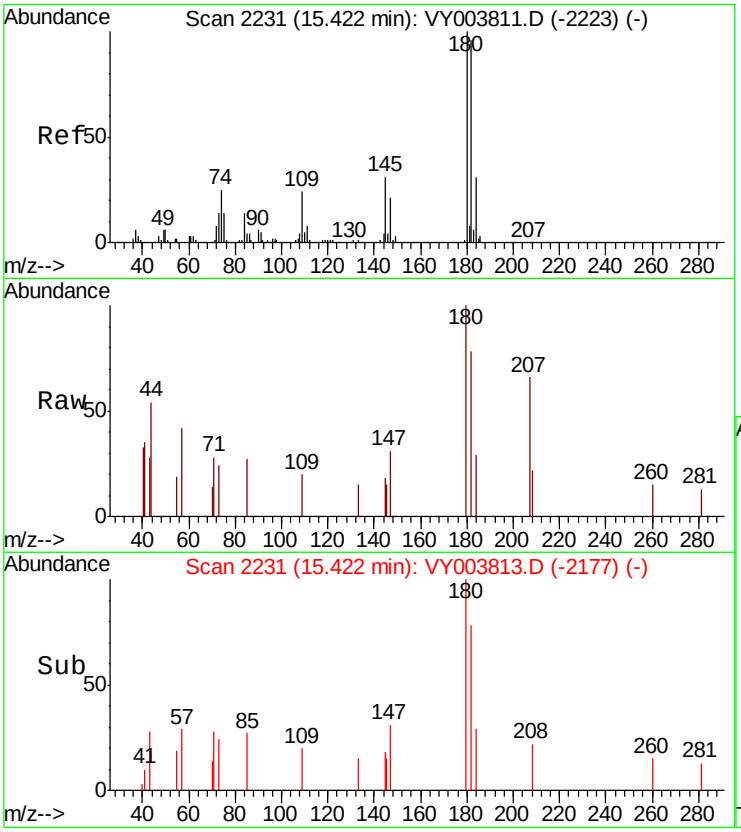


#69
Naphthalene
Concen: 0.685 ug/L
RT: 15.23 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VY003813.D
Acq: 18 Dec 2020 12:02

Tgt Ion:128 Resp: 3536

Ion	Ratio	Lower	Upper
128	100		
129	7.9	8.6	12.8#
127	14.3	10.2	15.4





#70
1,2,3-Trichlorobenzene
Concen: 0.217 ug/L
RT: 15.42 min Scan# 2231
Delta R.T. 0.00 min
Lab File: VY003813.D
Acq: 18 Dec 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:180 Resp: 446

Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.0	115.6
145	18.8	25.0	37.6#