

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120220\
 Data File : VY003641.D
 Acq On : 02 Dec 2020 10:52
 Operator : SY/MD
 Sample : VY1202SBL01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK421

Quant Time: Dec 03 01:12:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120120SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 03 01:04:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	220449	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	202145	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	95647	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	69655	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.76%
7) Chloroethane-d5	2.77	69	56363	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.88%
11) 1,1-Dichloroethene-d2	3.86	63	111337	19.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.68%
21) 2-Butanone-d5	6.90	46	70768	57.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.46%
24) Chloroform-d	7.49	84	140177	25.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.28%
26) 1,2-Dichloroethane-d4	8.15	65	76396	25.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.92%
32) Benzene-d6	8.12	84	294396	25.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.52%
36) 1,2-Dichloropropane-d6	9.12	67	88976	25.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.72%
41) Toluene-d8	10.18	98	260886	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.68%
43) trans-1,3-Dichloropropene-	10.44	79	40138	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.00%
47) 2-Hexanone-d5	10.79	63	52662	56.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.66%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	88666	25.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.24%
66) 1,2-Dichlorobenzene-d4	13.72	152	90237	26.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.36%

Target Compounds

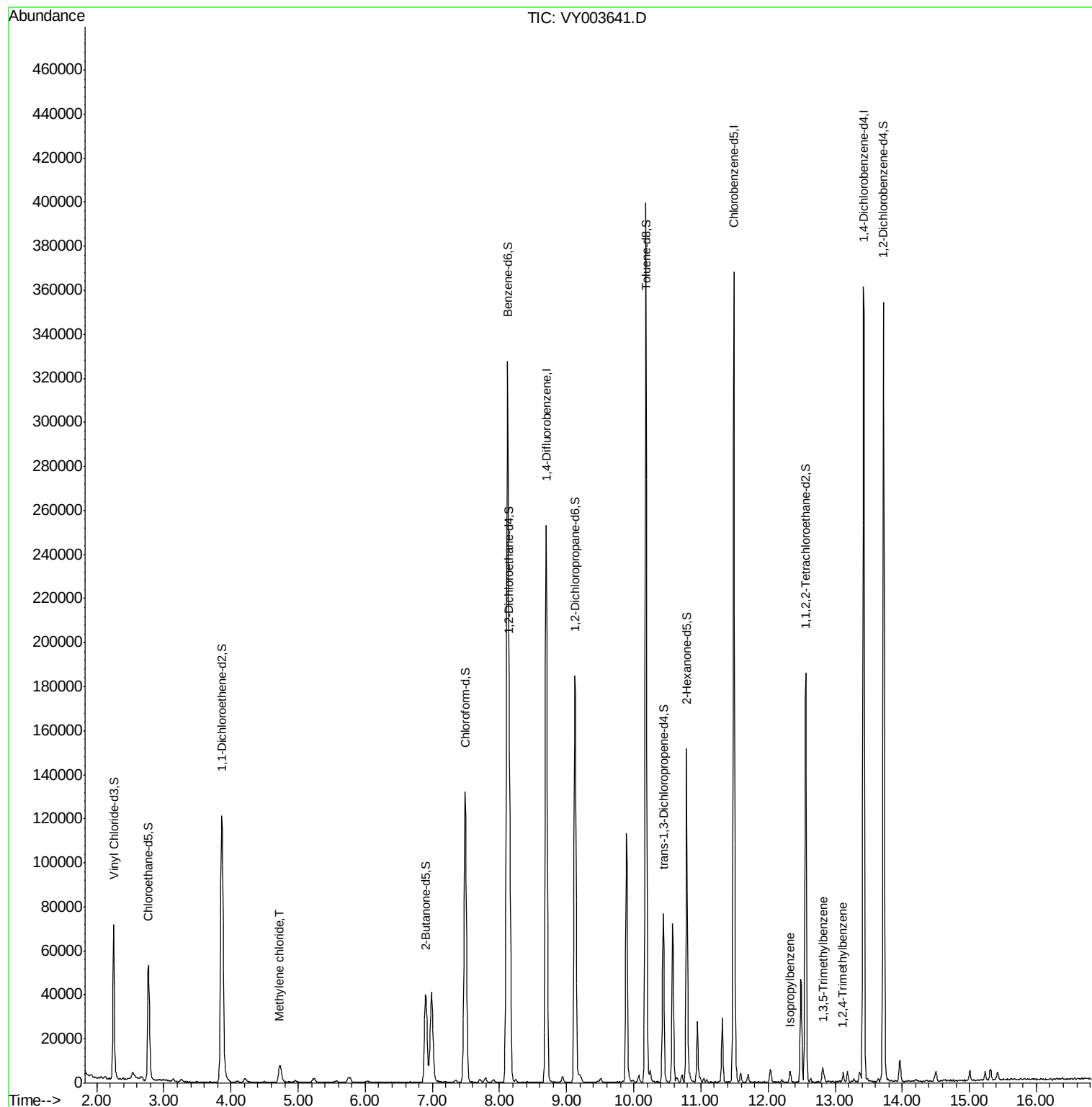
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.72	84	5306	1.426	ug/L	97
60) Isopropylbenzene	12.32	105	2596	0.212	ug/L #	84
62) 1,3,5-Trimethylbenzene	12.81	105	2415	0.249	ug/L	99
63) 1,2,4-Trimethylbenzene	13.12	105	2407	0.251	ug/L	97

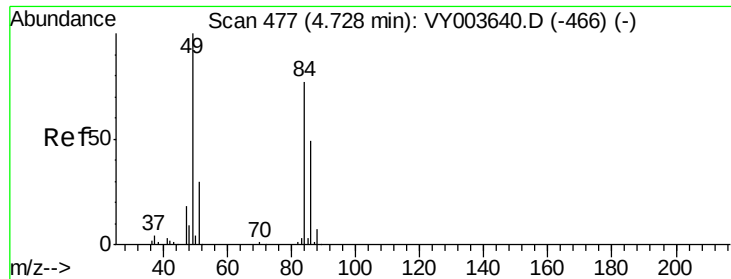
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120220\
Data File : VY003641.D
Acq On : 02 Dec 2020 10:52
Operator : SY/MD
Sample : VY1202SBL01
Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VBLK421

Quant Time: Dec 03 01:12:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120120SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 03 01:04:03 2020
Response via : Initial Calibration

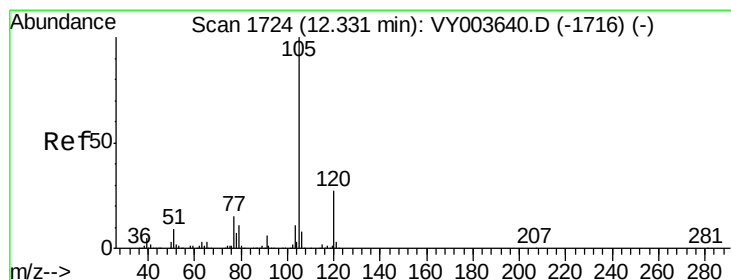
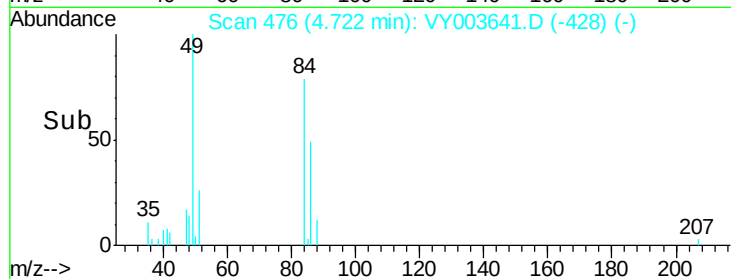
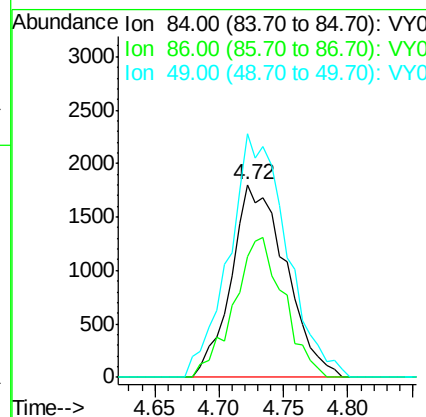
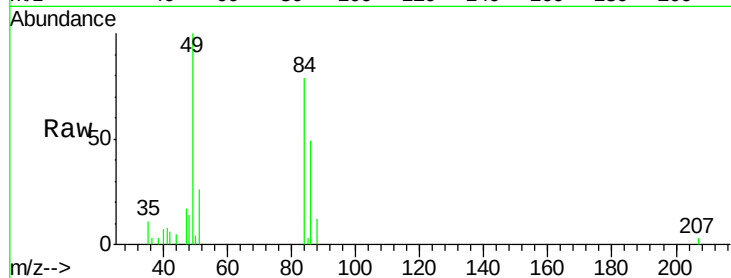




#16
Methylene chloride
Concen: 1.426 ug/L
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VY003641.D
Acq: 02 Dec 2020 10:52

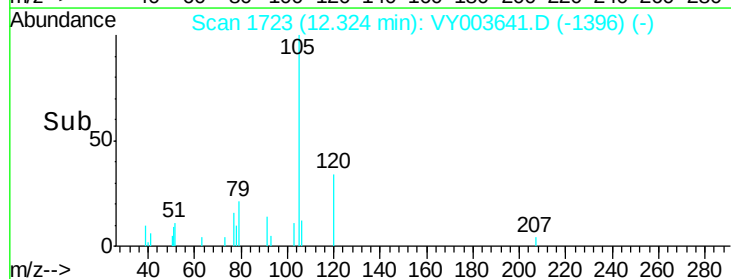
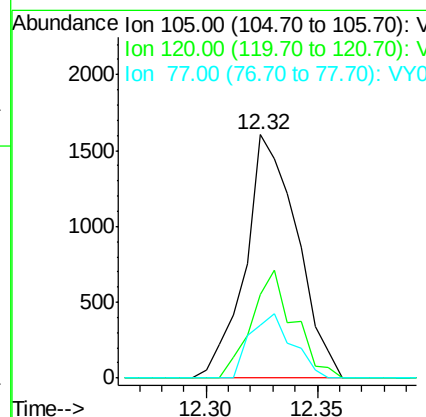
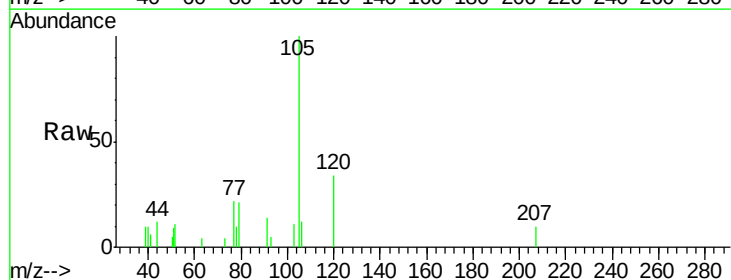
Instrument :
MSVOA_Y
ClientSampled :
VBLK421

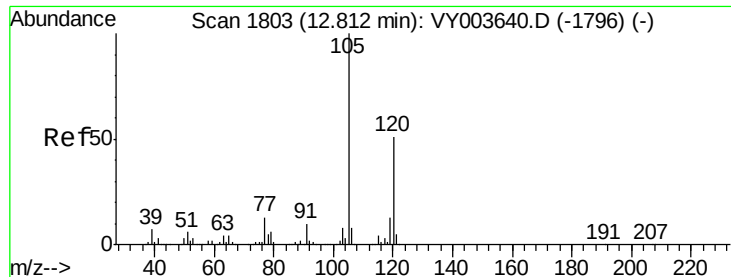
Tot Ion: 84 Resp: 5306
Ion Ratio Lower Upper
84 100
86 62.5 43.3 80.3
49 126.5 85.3 158.5



#60
Isopropylbenzene
Concen: 0.212 ug/L
RT: 12.32 min Scan# 1723
Delta R.T. -0.01 min
Lab File: VY003641.D
Acq: 02 Dec 2020 10:52

Tgt Ion: 105 Resp: 2596
Ion Ratio Lower Upper
105 100
120 36.2 22.0 33.0#
77 21.5 12.1 18.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.249 ug/L

RT: 12.81 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY003641.D

Acq: 02 Dec 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

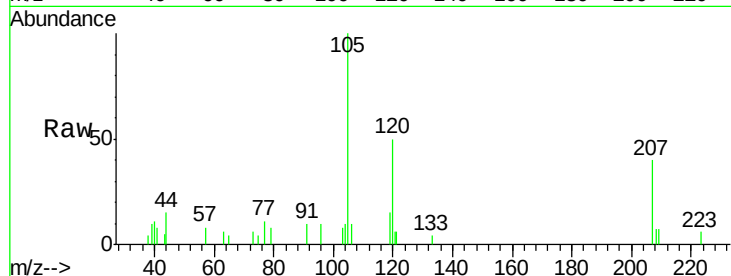
VBLK421

Tot Ion:105 Resp: 2415

Ion Ratio Lower Upper

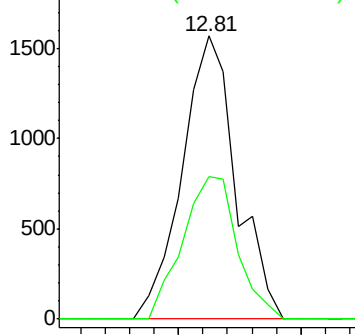
105 100

120 51.1 40.4 60.6

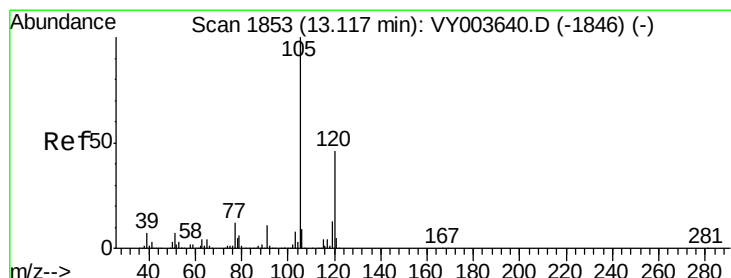
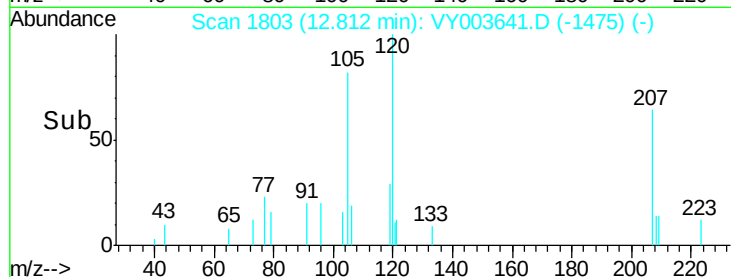


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#63

1,2,4-Trimethylbenzene

Concen: 0.251 ug/L

RT: 13.12 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VY003641.D

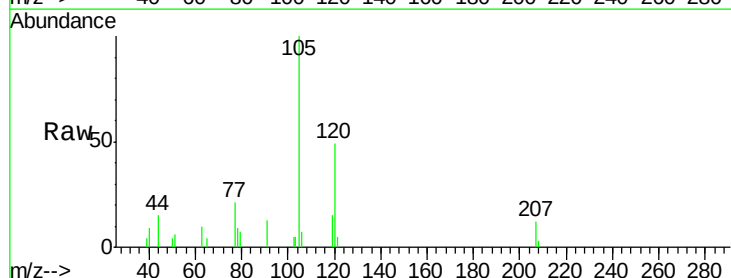
Acq: 02 Dec 2020 10:52

Tgt Ion:105 Resp: 2407

Ion Ratio Lower Upper

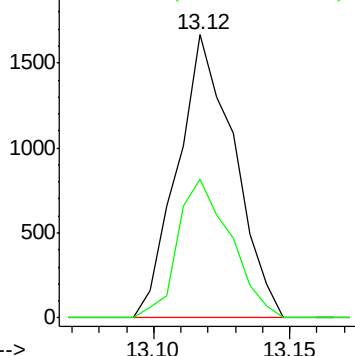
105 100

120 45.7 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

