

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120120\
 Data File : VY003635.D
 Acq On : 01 Dec 2020 14:22
 Operator : SY/MD
 Sample : VY1201SBL02
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK420

Quant Time: Dec 02 01:28:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120120SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 01 12:34:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	240646	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	224879	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	108533	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	72080	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.72%
7) Chloroethane-d5	2.77	69	60409	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.04%
11) 1,1-Dichloroethene-d2	3.96	63	104	0.02	ug/L	0.10
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
21) 2-Butanone-d5	6.89	46	71959	53.31	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.62%
24) Chloroform-d	7.48	84	150640	24.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.72%
26) 1,2-Dichloroethane-d4	8.14	65	85336	25.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.28%
32) Benzene-d6	8.11	84	323768	25.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.32%
36) 1,2-Dichloropropane-d6	9.12	67	97761	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
41) Toluene-d8	10.18	98	287228	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.64%
43) trans-1,3-Dichloropropene-	10.43	79	44679	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.08%
47) 2-Hexanone-d5	10.79	63	55621	53.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.96%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	99304	25.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.92%
66) 1,2-Dichlorobenzene-d4	13.71	152	103222	26.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.20%

Target Compounds

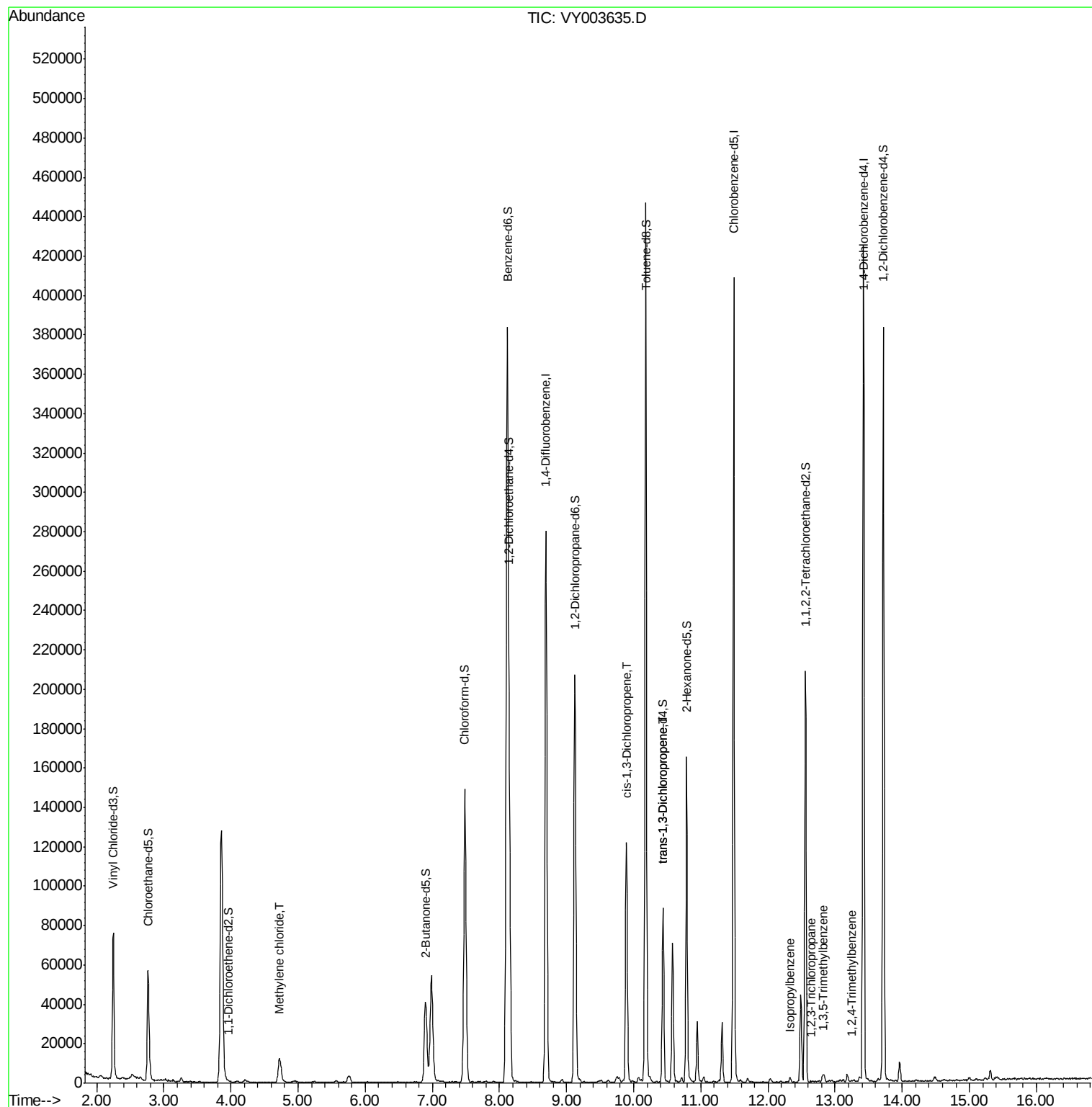
					Ovalue
16) Methylene chloride	4.72	84	8705	2.143	ug/L 93
39) cis-1,3-Dichloropropene	9.89	75	3455	0.641	ug/L 87
44) trans-1,3-Dichloropropene	10.43	75	2496	0.502	ug/L 89
60) Isopropylbenzene	12.32	105	855	0.062	ug/L # 86
61) 1,2,3-Trichloropropane	12.64	75	124	0.048	ug/L # 38
62) 1,3,5-Trimethylbenzene	12.81	105	813	0.074	ug/L 90
63) 1,2,4-Trimethylbenzene	13.24	105	285	0.026	ug/L 92

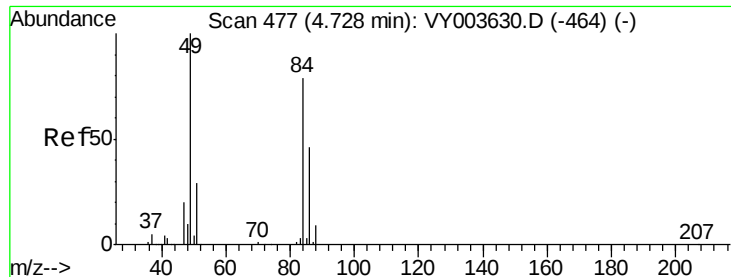
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 01 12:34:20 2020
Response via : Initial Calibration

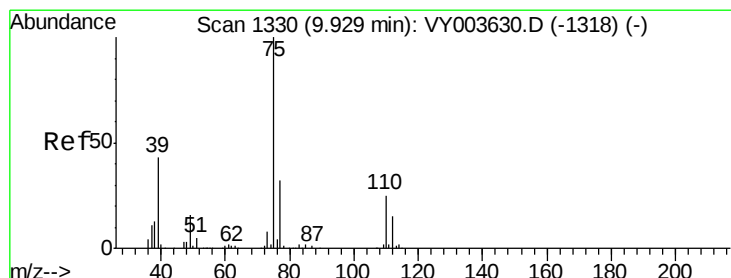
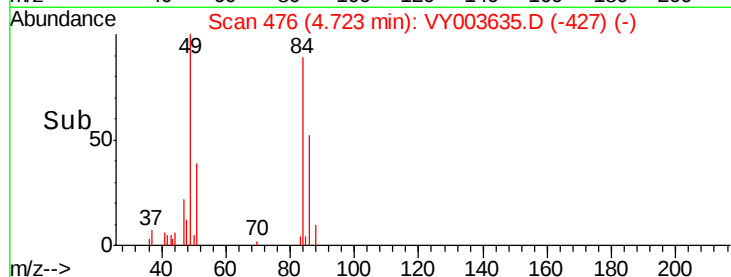
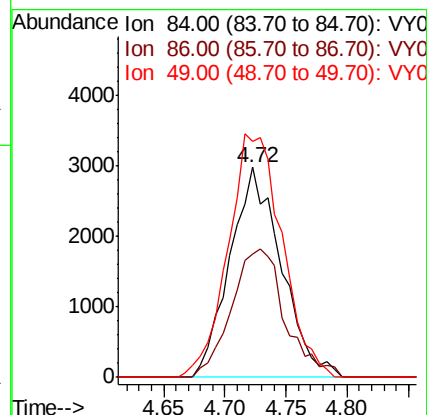
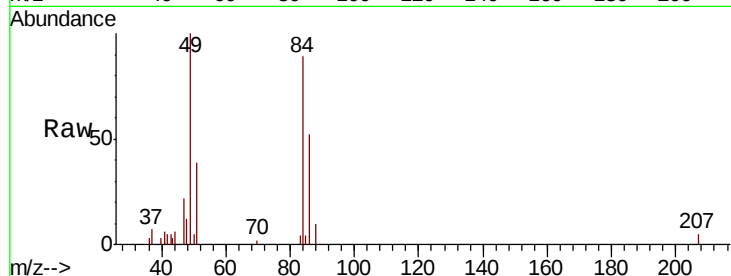




#16
Methylene chloride
Concen: 2.143 ug/L
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VY003635.D
Acq: 01 Dec 2020 14:22

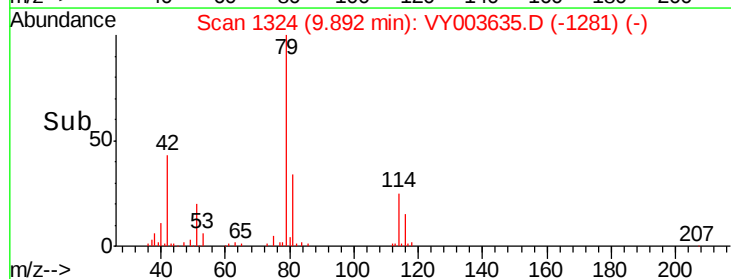
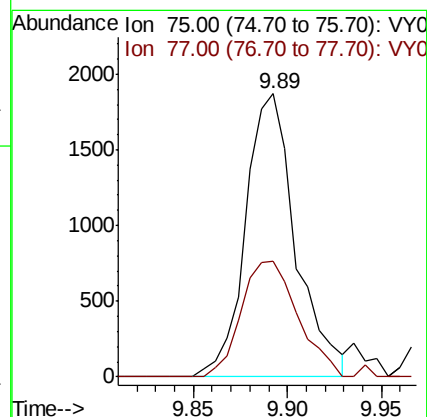
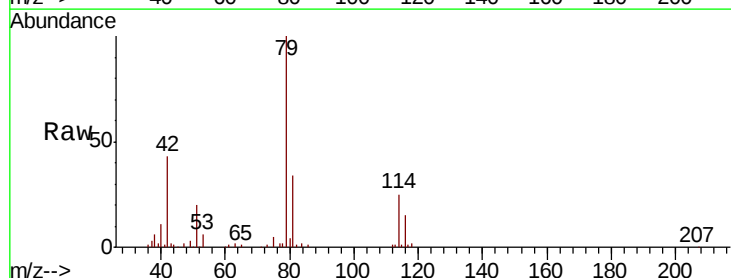
Instrument :
MSVOA_Y
ClientSampleId :
VBLK420

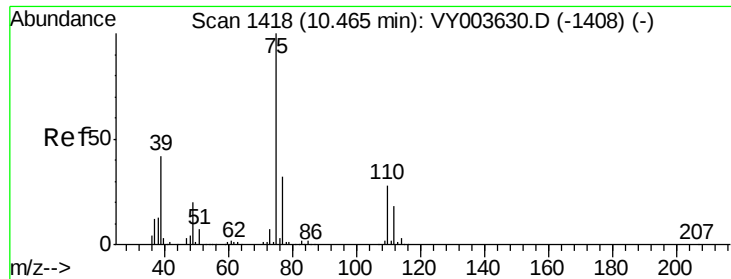
Tot Ion: 84 Resp: 8705
Ion Ratio Lower Upper
84 100
86 58.8 43.3 80.3
49 112.5 85.3 158.5



#39
cis-1,3-Dichloropropene
Concen: 0.641 ug/L
RT: 9.89 min Scan# 1324
Delta R.T. -0.04 min
Lab File: VY003635.D
Acq: 01 Dec 2020 14:22

Tgt Ion: 75 Resp: 3455
Ion Ratio Lower Upper
75 100
77 40.8 23.5 43.7





#44

trans-1,3-Dichloropropene

Concen: 0.502 ug/L

RT: 10.43 min Scan# 1413

Delta R.T. -0.03 min

Lab File: VY003635.D

Acq: 01 Dec 2020 14:22

Instrument :

MSVOA_Y

ClientSampleId :

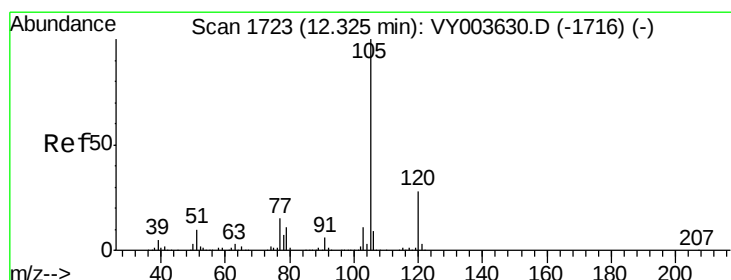
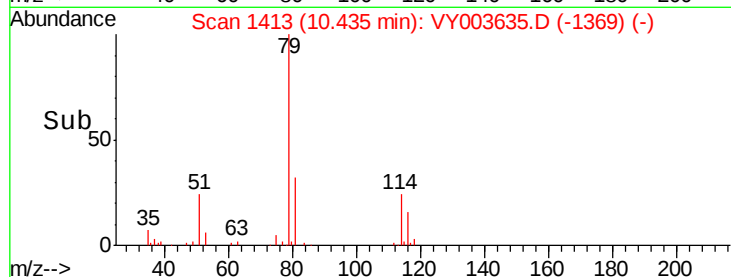
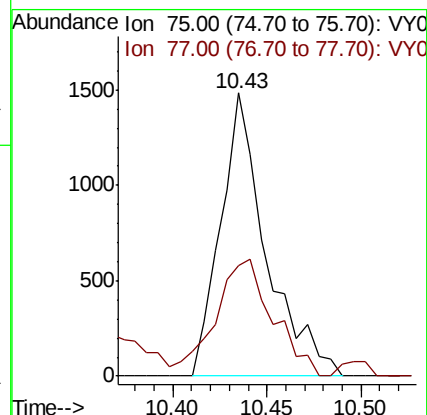
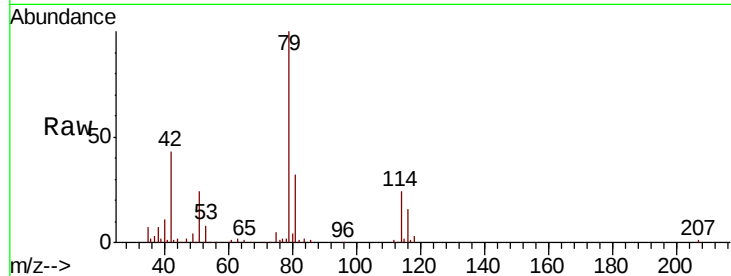
VBLK420

Tot Ion: 75 Resp: 2496

Ion Ratio Lower Upper

75 100

77 39.0 22.9 42.5



#60

Isopropylbenzene

Concen: 0.062 ug/L

RT: 12.32 min Scan# 1723

Delta R.T. 0.00 min

Lab File: VY003635.D

Acq: 01 Dec 2020 14:22

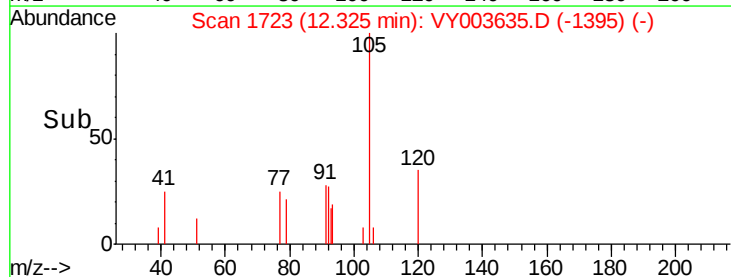
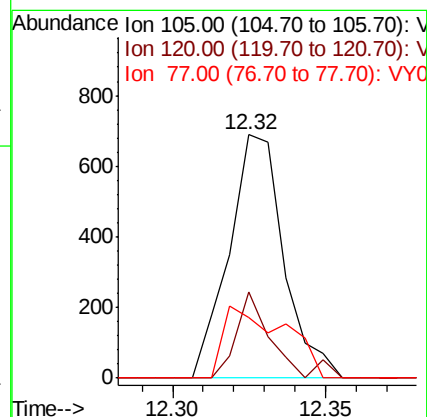
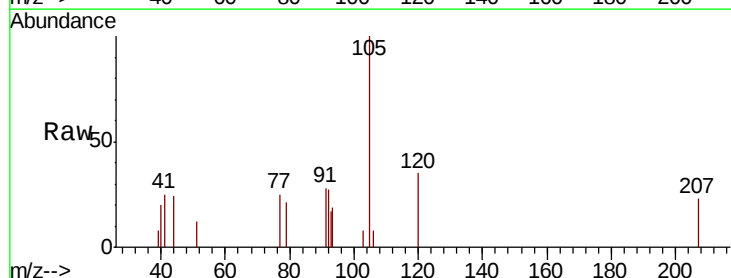
Tgt Ion: 105 Resp: 855

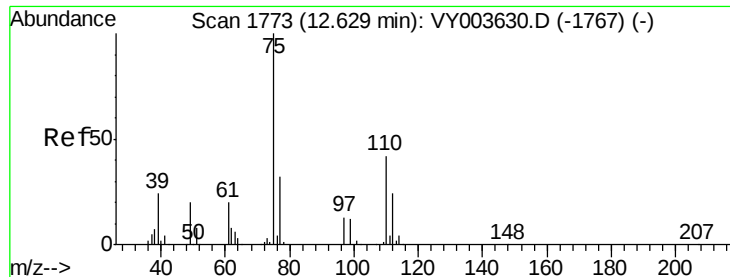
Ion Ratio Lower Upper

105 100

120 20.7 22.0 33.0#

77 21.5 12.1 18.1#





#61

1,2,3-Trichloropropane

Concen: 0.048 ug/L

RT: 12.64 min Scan# 1775

Delta R.T. 0.01 min

Lab File: VY003635.D

Acq: 01 Dec 2020 14:22

Instrument :

MSVOA_Y

ClientSampleId :

VBLK420

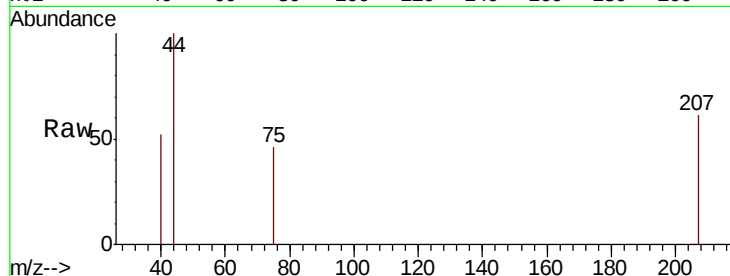
Tot Ion: 75 Resp: 124

Ion Ratio Lower Upper

75 100

77 0.0 26.3 39.5#

110 0.0 33.0 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VY003635.D (-1767) (-)

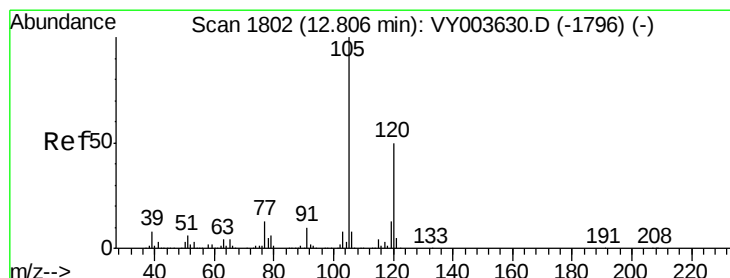
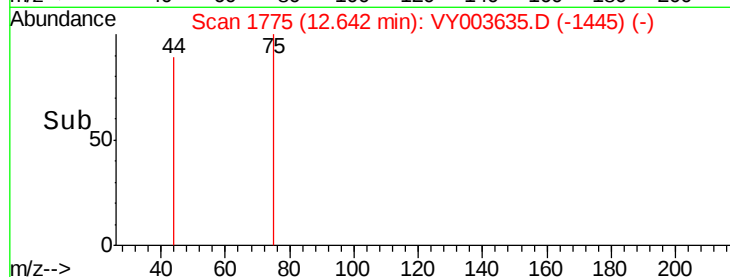
Ion 77.00 (76.70 to 77.70): VY003635.D (-1767) (-)

Ion 110.00 (109.70 to 110.70): VY003635.D (-1767) (-)

12.64

12.62

Time-->



#62

1,3,5-Trimethylbenzene

Concen: 0.074 ug/L

RT: 12.81 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VY003635.D

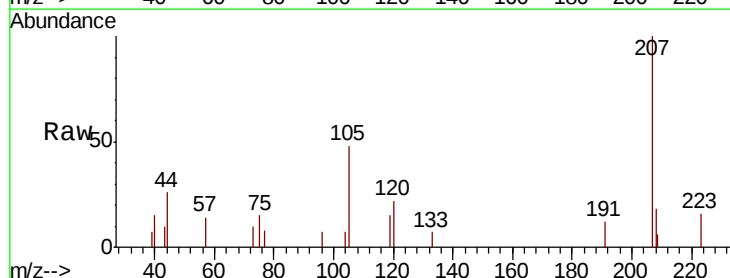
Acq: 01 Dec 2020 14:22

Tgt Ion: 105 Resp: 813

Ion Ratio Lower Upper

105 100

120 43.7 40.4 60.6



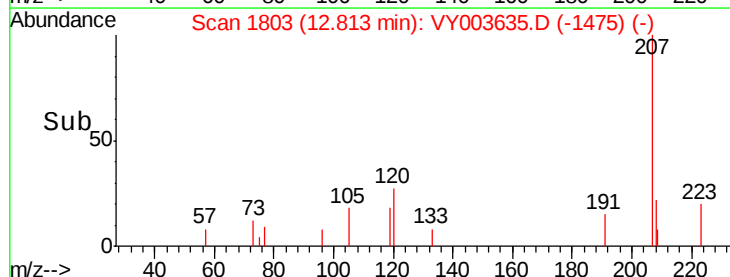
Abundance Ion 105.00 (104.70 to 105.70): VY003635.D (-1475) (-)

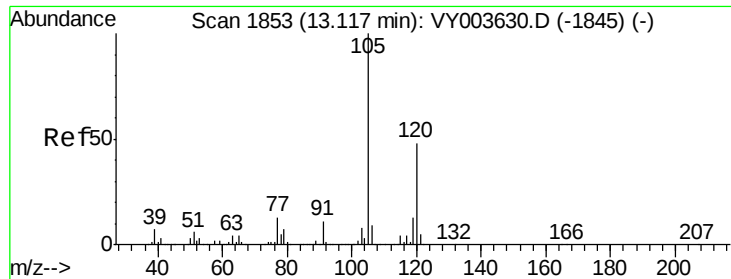
Ion 120.00 (119.70 to 120.70): VY003635.D (-1475) (-)

12.81

12.75

Time-->





#63

1,2,4-Trimethylbenzene

Concen: 0.026 ug/L

RT: 13.24 min Scan# 1873

Delta R.T. 0.12 min

Lab File: VY003635.D

Acq: 01 Dec 2020 14:22

Instrument :

MSVOA_Y

ClientSampleId :

VBLK420

Tot Ion:105 Resp: 285

Ion Ratio Lower Upper

105 100

120 42.5 38.0 57.0

