

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010421\
 Data File : VY003869.D
 Acq On : 04 Jan 2021 13:50
 Operator : SY/MD
 Sample : VY0104SBL03
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK206

Quant Time: Jan 05 04:09:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLEM122920SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 05 04:09:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	315120	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	299923	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	168588	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	153265	28.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.00%
7) Chloroethane-d5	2.77	69	121740	28.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.44%
11) 1,1-Dichloroethene-d2	3.86	63	207413	22.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.16%
21) 2-Butanone-d5	6.90	46	111231	54.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.72%
24) Chloroform-d	7.48	84	242310	27.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.36%
26) 1,2-Dichloroethane-d4	8.15	65	157757	28.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.84%
32) Benzene-d6	8.11	84	488038	29.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.08%
36) 1,2-Dichloropropane-d6	9.12	67	145416	29.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.24%
41) Toluene-d8	10.18	98	469826	29.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.04%
43) trans-1,3-Dichloropropene-	10.43	79	79828	28.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.08%
47) 2-Hexanone-d5	10.79	63	85920	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	135365	27.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.96%
66) 1,2-Dichlorobenzene-d4	13.72	152	183660	29.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.24%

Target Compounds

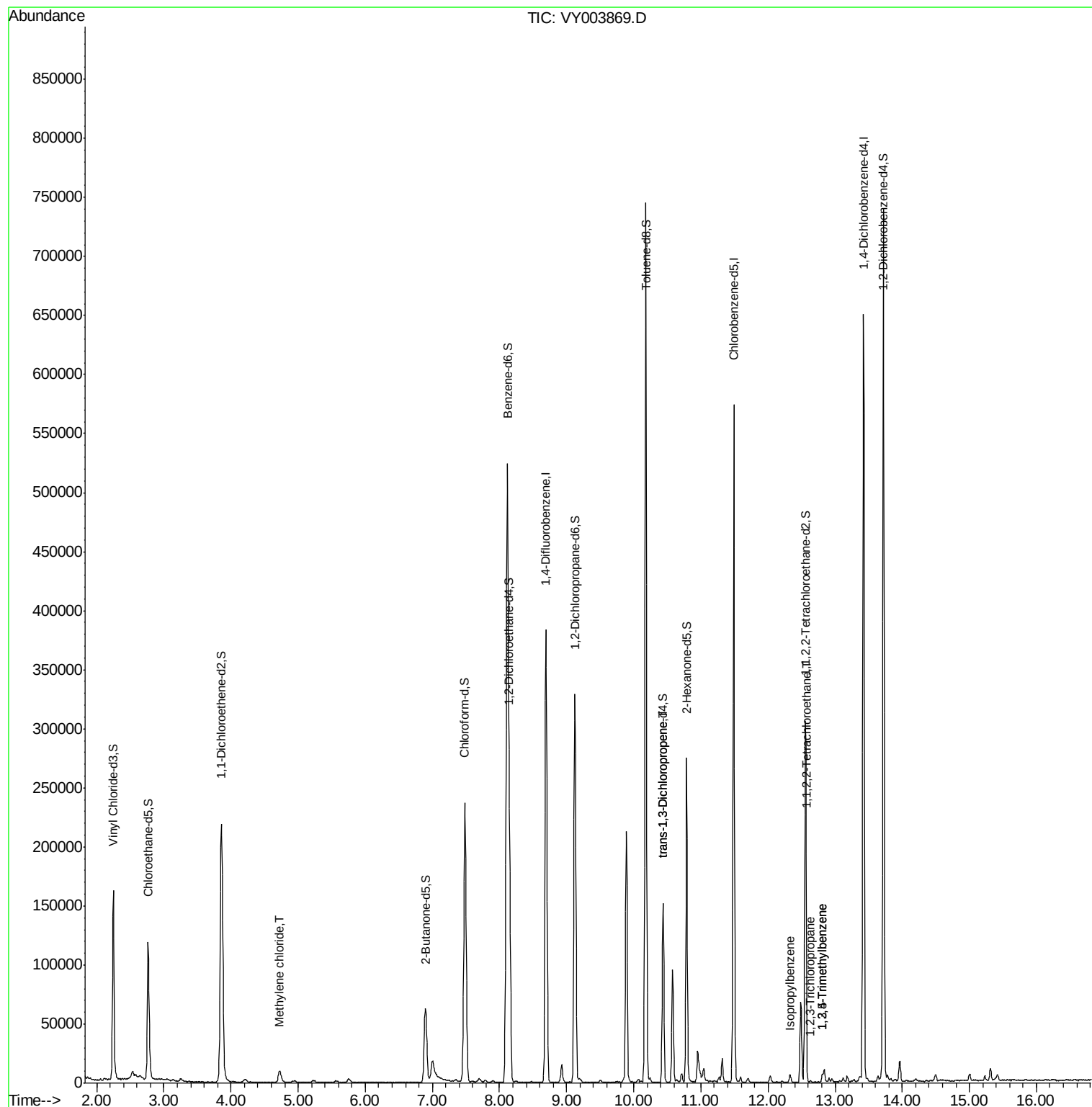
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.72	84	6500	1.286	ug/L	94
44) trans-1,3-Dichloropropene	10.43	75	4757	0.618	ug/L #	75
57) 1,1,2,2-Tetrachloroethane	12.57	83	1578	0.333	ug/L #	75
60) Isopropylbenzene	12.33	105	2388	0.107	ug/L #	82
61) 1,2,3-Trichloropropane	12.63	75	580	0.140	ug/L #	80
62) 1,3,5-Trimethylbenzene	12.81	105	2348	0.127	ug/L	93
63) 1,2,4-Trimethylbenzene	12.81	105	2348	0.125	ug/L	98

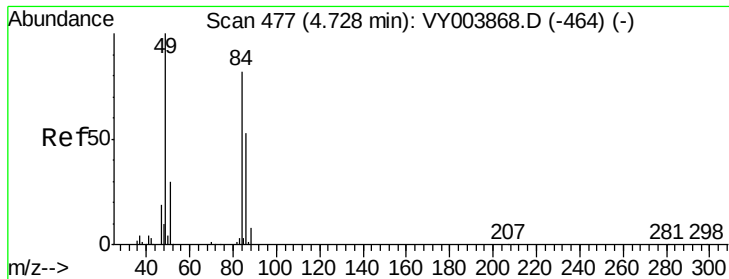
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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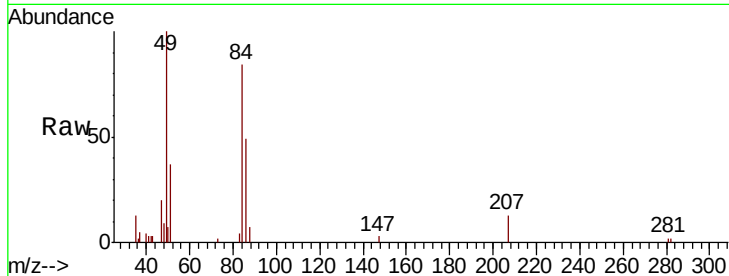




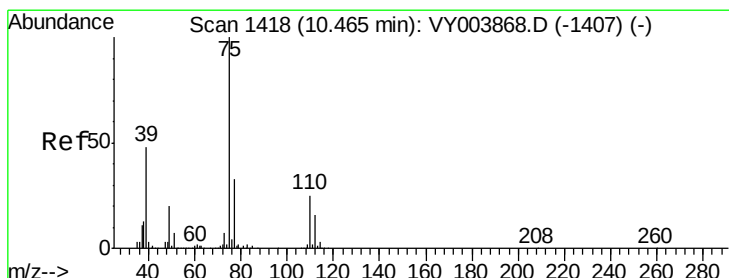
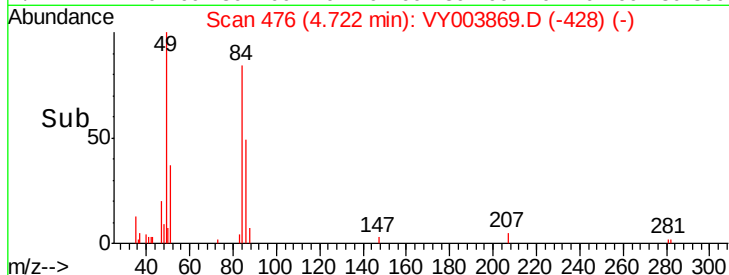
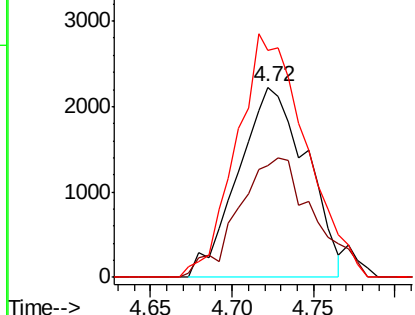
#16
Methylene chloride
Concen: 1.286 ug/L
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VY003869.D
Acq: 04 Jan 2021 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VBLK206

Tot Ion: 84 Resp: 6500
Ion Ratio Lower Upper
84 100
86 58.9 42.1 78.3
49 119.2 90.3 167.7

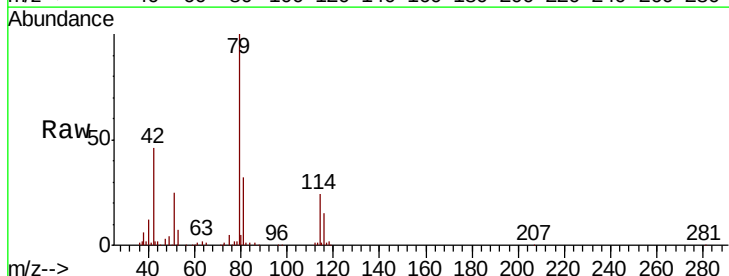


Abundance Ion 84.00 (83.70 to 84.70): VY0
Ion 86.00 (85.70 to 86.70): VY0
Ion 49.00 (48.70 to 49.70): VY0

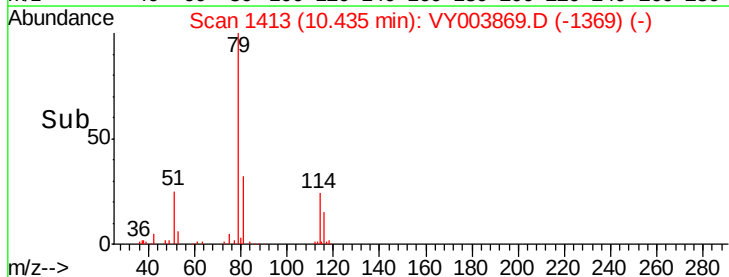
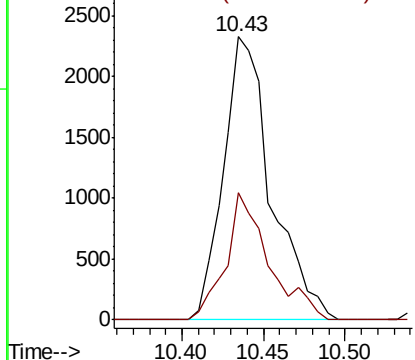


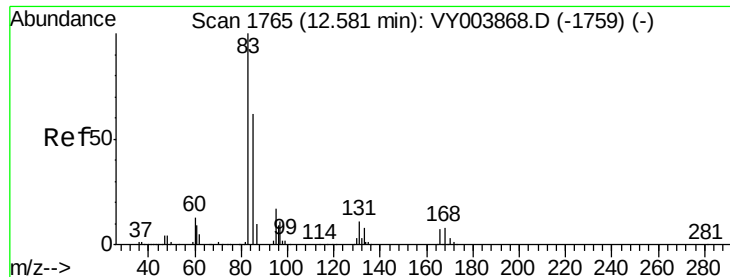
#44
trans-1,3-Dichloropropene
Concen: 0.618 ug/L
RT: 10.43 min Scan# 1413
Delta R.T. -0.03 min
Lab File: VY003869.D
Acq: 04 Jan 2021 13:50

Tgt Ion: 75 Resp: 4757
Ion Ratio Lower Upper
75 100
77 45.1 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

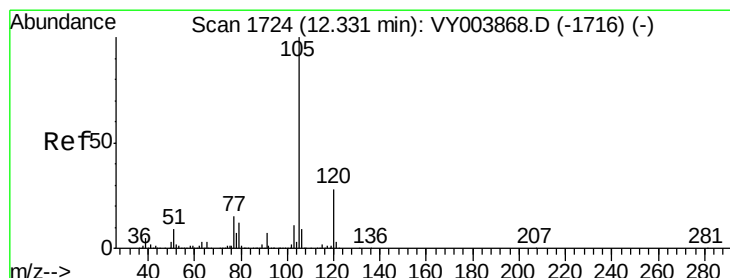
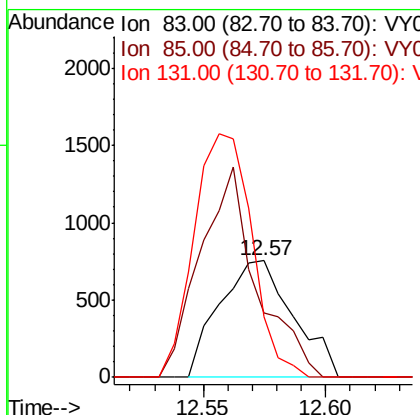
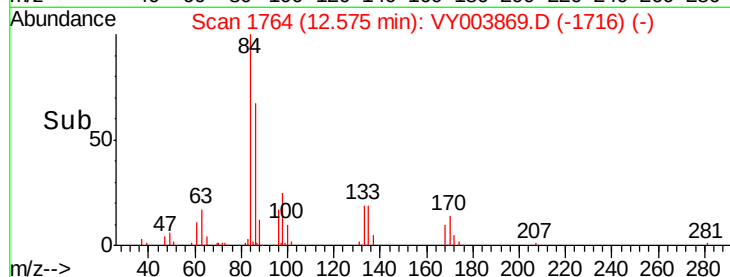
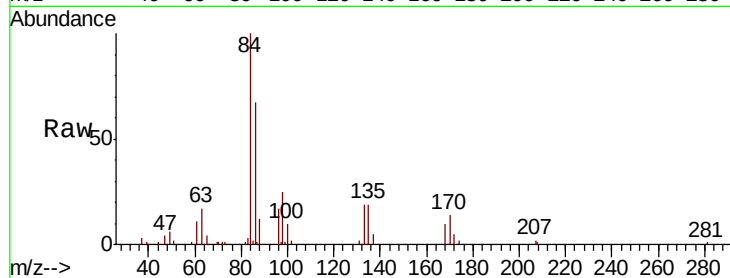




#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.333 ug/L
 RT: 12.57 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: VY003869.D
 Acq: 04 Jan 2021 13:50

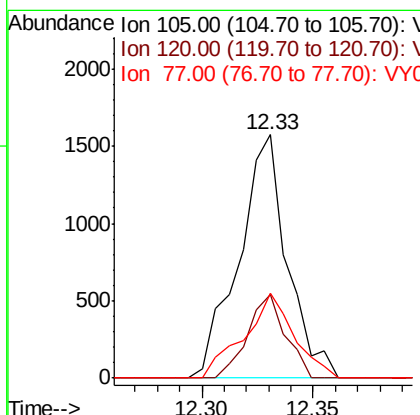
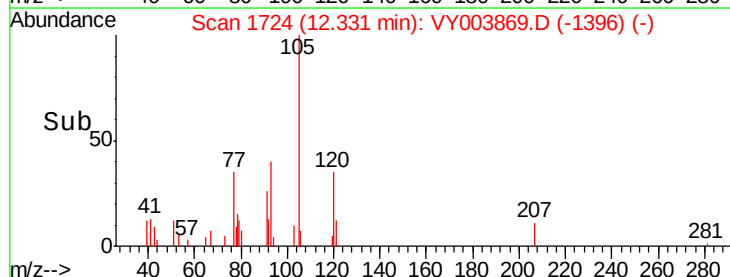
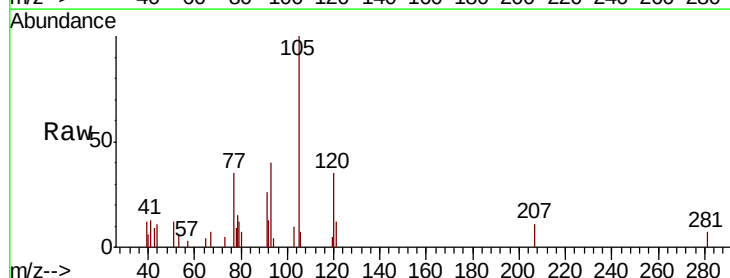
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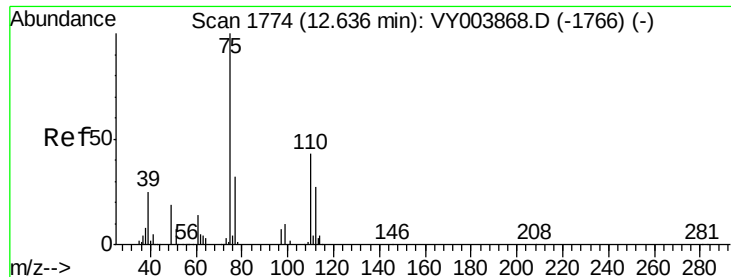
Tot Ion: 83 Resp: 1578
 Ion Ratio Lower Upper
 83 100
 85 55.6 44.9 83.3
 131 52.2 9.0 13.6#



#60
 Isopropylbenzene
 Concen: 0.107 ug/L
 RT: 12.33 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: VY003869.D
 Acq: 04 Jan 2021 13:50

Tgt Ion: 105 Resp: 2388
 Ion Ratio Lower Upper
 105 100
 120 26.7 21.7 32.5
 77 35.8 12.9 19.3#

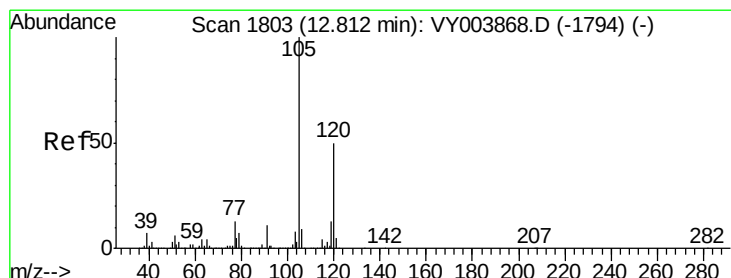
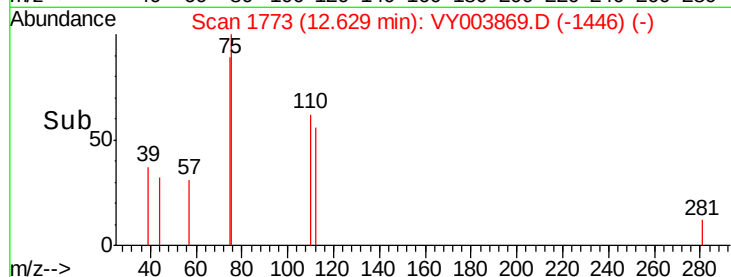
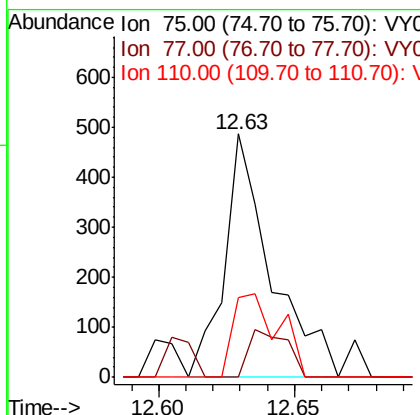
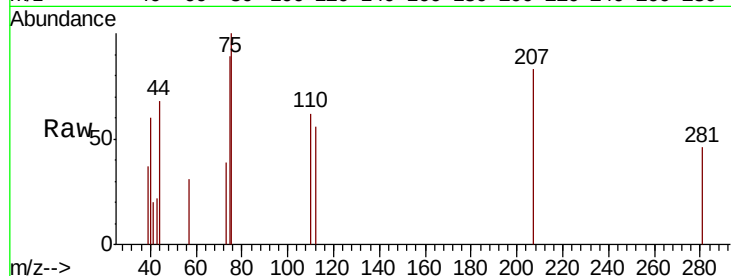




#61
 1,2,3-Trichloropropane
 Concen: 0.140 ug/L
 RT: 12.63 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VY003869.D
 Acq: 04 Jan 2021 13:50

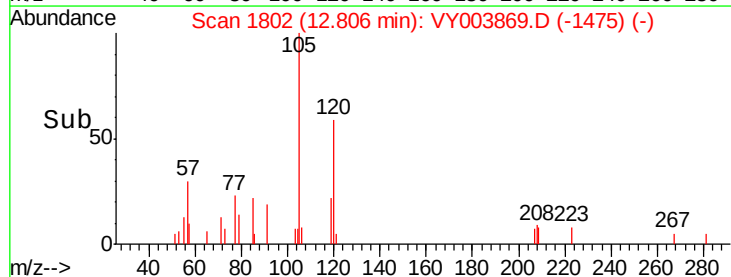
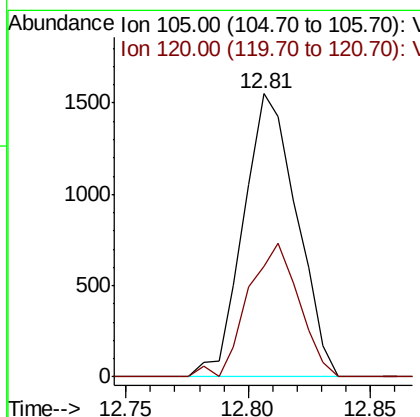
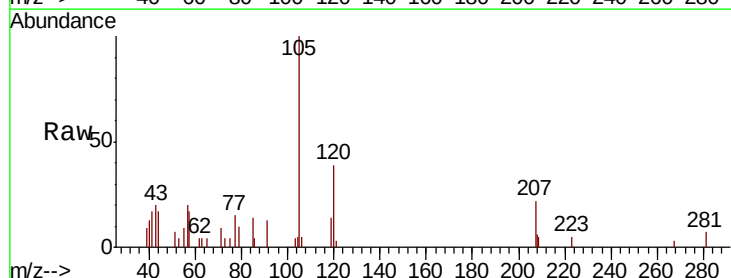
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 VBLK206

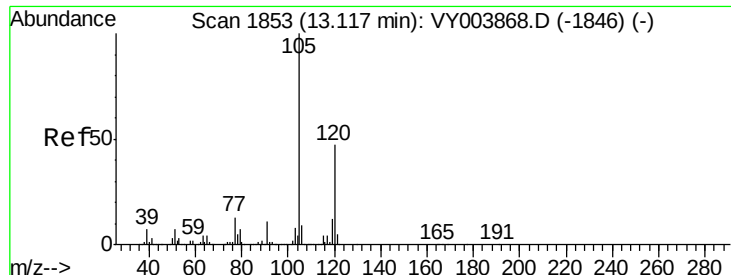
Tot Ion: 75 Resp: 580
 Ion Ratio Lower Upper
 75 100
 77 15.9 26.2 39.4#
 110 33.1 32.4 48.6



#62
 1,3,5-Trimethylbenzene
 Concen: 0.127 ug/L
 RT: 12.81 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VY003869.D
 Acq: 04 Jan 2021 13:50

Tgt Ion: 105 Resp: 2348
 Ion Ratio Lower Upper
 105 100
 120 44.1 39.0 58.4





#63

1,2,4-Trimethylbenzene

Concen: 0.125 ug/L

RT: 12.81 min Scan# 1802

Delta R.T. -0.31 min

Lab File: VY003869.D

Acq: 04 Jan 2021 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VBLK206

Tot Ion:105 Resp: 2348

Ion Ratio Lower Upper

105 100

120 44.1 36.5 54.7

