

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010421\
 Data File : VY003870.D
 Acq On : 04 Jan 2021 14:13
 Operator : SY/MD
 Sample : VY0104SBL04
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK207

Quant Time: Jan 05 04:10:02 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	312801	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	299096	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	166293	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	149693	28.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.16%
7) Chloroethane-d5	2.77	69	119341	28.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.00%
11) 1,1-Dichloroethene-d2	3.86	63	203236	22.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.00%
21) 2-Butanone-d5	6.89	46	110730	55.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.04%
24) Chloroform-d	7.48	84	240802	27.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.48%
26) 1,2-Dichloroethane-d4	8.15	65	154465	28.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.28%
32) Benzene-d6	8.11	84	483651	29.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.36%
36) 1,2-Dichloropropane-d6	9.12	67	141490	28.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.36%
41) Toluene-d8	10.18	98	460194	29.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.92%
43) trans-1,3-Dichloropropene-	10.43	79	78049	28.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.84%
47) 2-Hexanone-d5	10.79	63	85371	56.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.26%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	134956	27.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.96%
66) 1,2-Dichlorobenzene-d4	13.72	152	177020	29.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.52%

Target Compounds

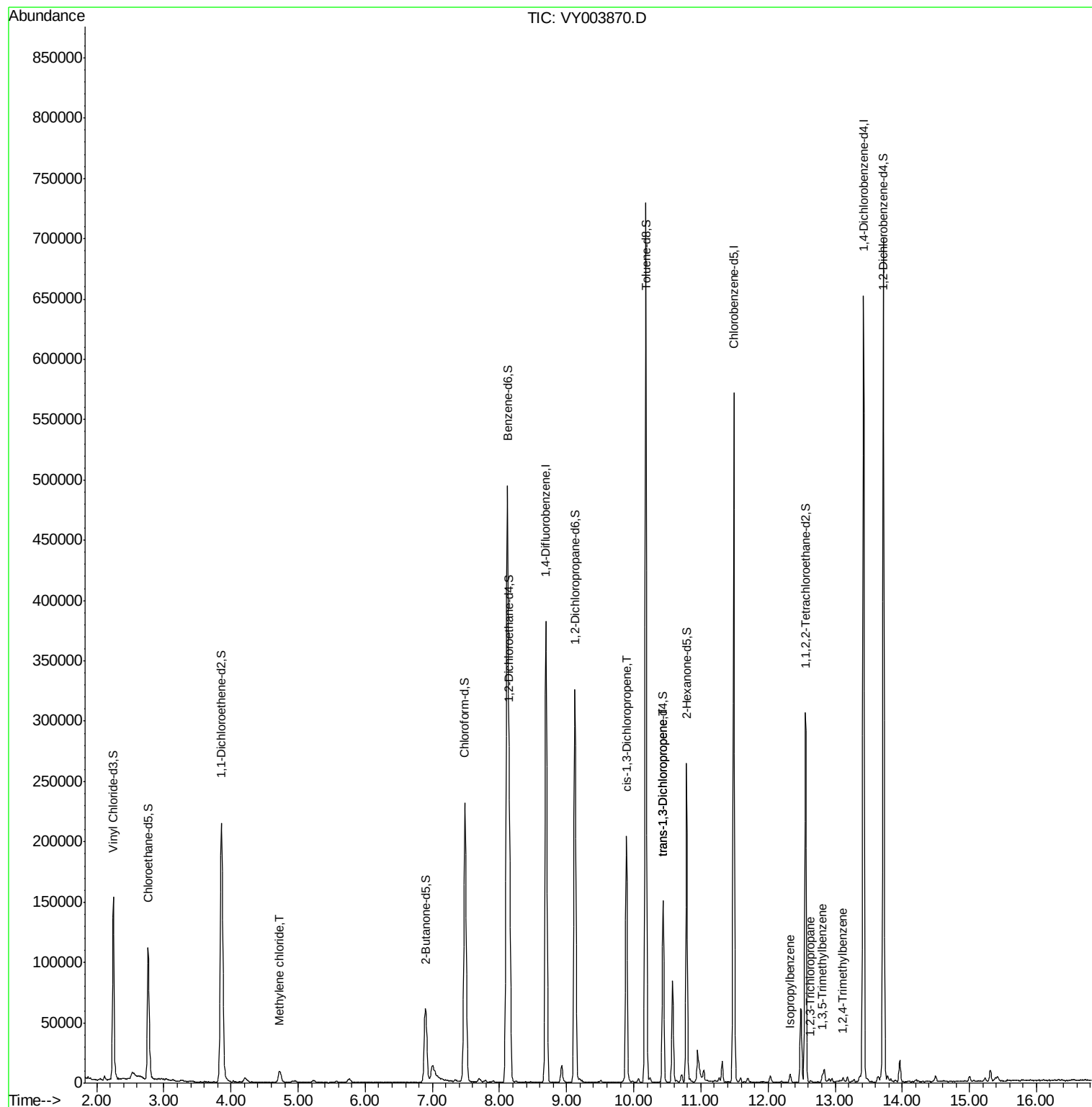
					Ovalue
16) Methylene chloride	4.72	84	6963	1.388 ug/L	95
39) cis-1,3-Dichloropropene	9.89	75	6833	0.859 ug/L #	75
44) trans-1,3-Dichloropropene	10.44	75	4412	0.575 ug/L #	80
60) Isopropylbenzene	12.33	105	2366	0.108 ug/L #	77
61) 1,2,3-Trichloropropane	12.64	75	469	0.115 ug/L	89
62) 1,3,5-Trimethylbenzene	12.81	105	1951	0.107 ug/L	97
63) 1,2,4-Trimethylbenzene	13.12	105	2184	0.118 ug/L	92

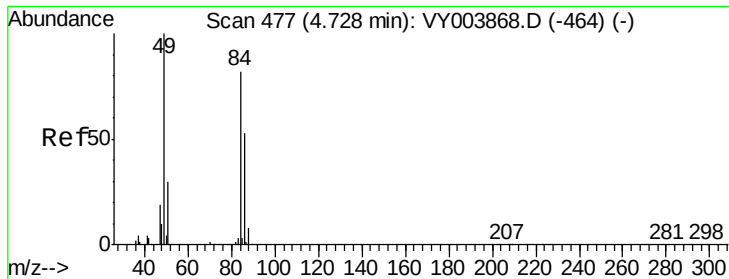
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jan 05 04:09:14 2021
Response via : Initial Calibration

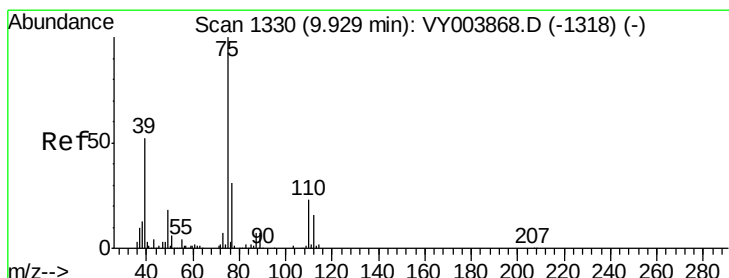
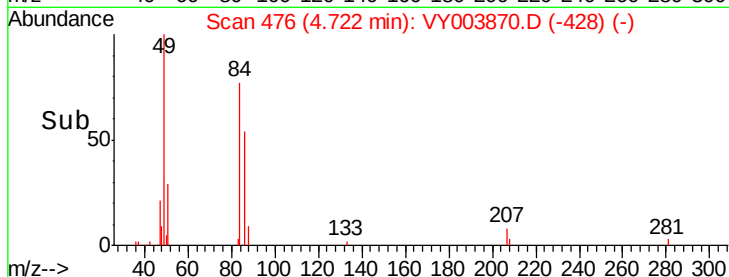
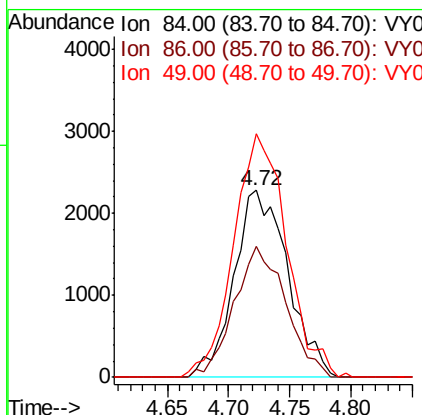
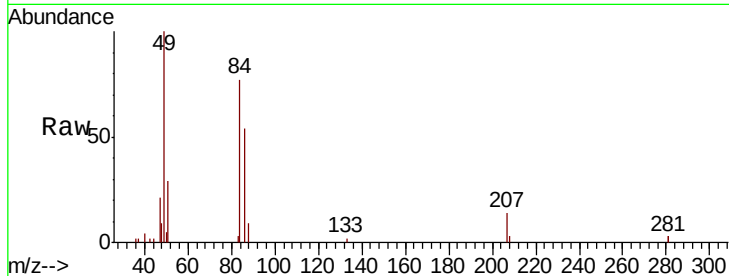




#16
Methylene chloride
Concen: 1.388 ug/L
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VY003870.D
Acq: 04 Jan 2021 14:13

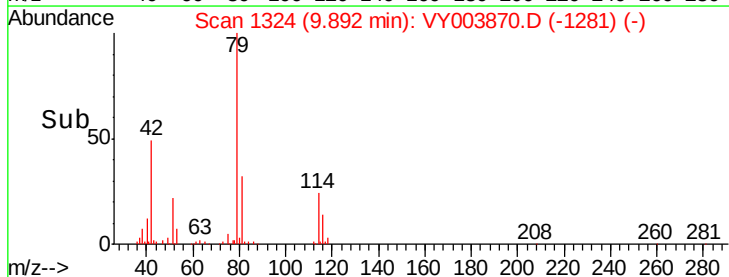
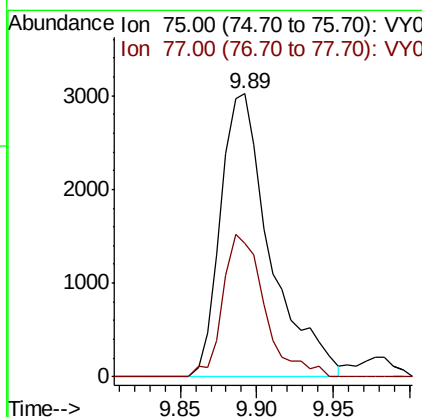
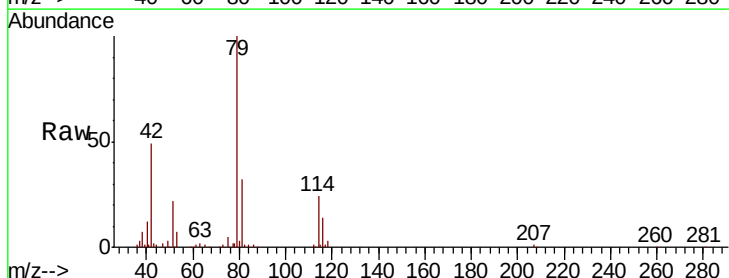
Instrument :
MSVOA_Y
ClientSampleId :
VBLK207

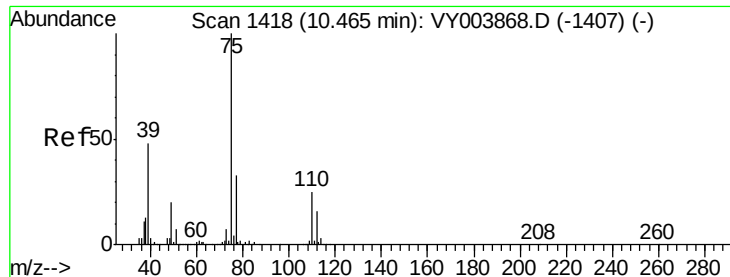
Tot Ion: 84 Resp: 6963
Ion Ratio Lower Upper
84 100
86 70.0 42.1 78.3
49 130.0 90.3 167.7



#39
cis-1,3-Dichloropropene
Concen: 0.859 ug/L
RT: 9.89 min Scan# 1324
Delta R.T. -0.04 min
Lab File: VY003870.D
Acq: 04 Jan 2021 14:13

Tgt Ion: 75 Resp: 6833
Ion Ratio Lower Upper
75 100
77 47.0 23.0 42.6#





#44

trans-1,3-Dichloropropene

Concen: 0.575 ug/L

RT: 10.44 min Scan# 1414

Delta R.T. -0.02 min

Lab File: VY003870.D

Acq: 04 Jan 2021 14:13

Instrument :

MSVOA_Y

ClientSampleId :

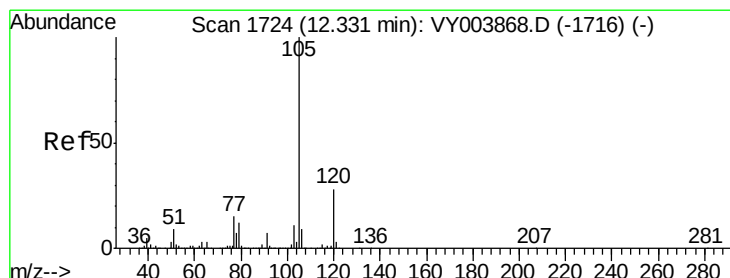
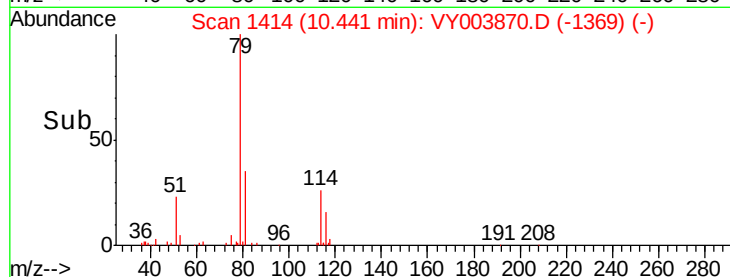
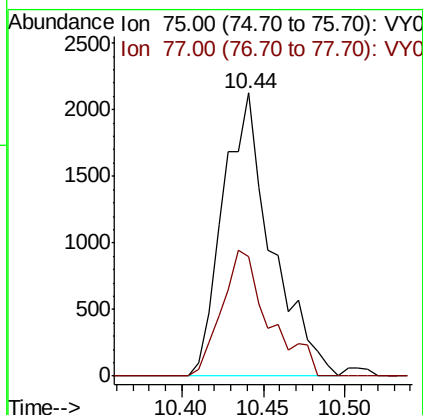
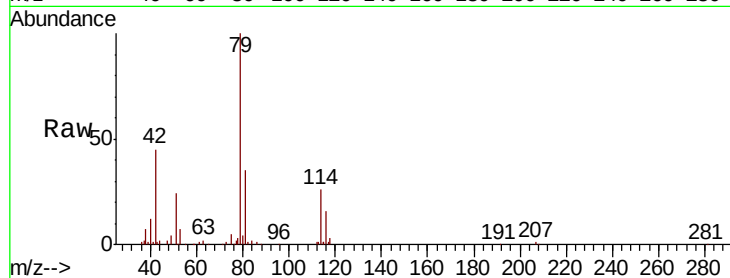
VBLK207

Tot Ion: 75 Resp: 4412

Ion Ratio Lower Upper

75 100

77 42.4 21.9 40.7#



#60

Isopropylbenzene

Concen: 0.108 ug/L

RT: 12.33 min Scan# 1724

Delta R.T. 0.00 min

Lab File: VY003870.D

Acq: 04 Jan 2021 14:13

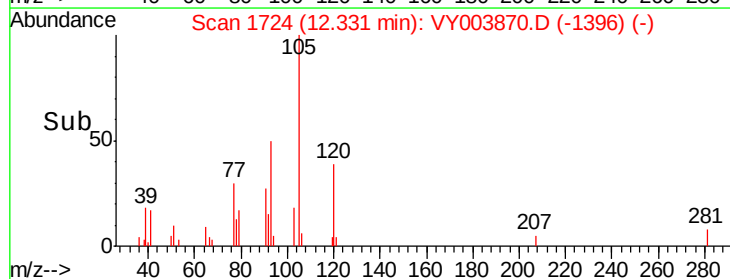
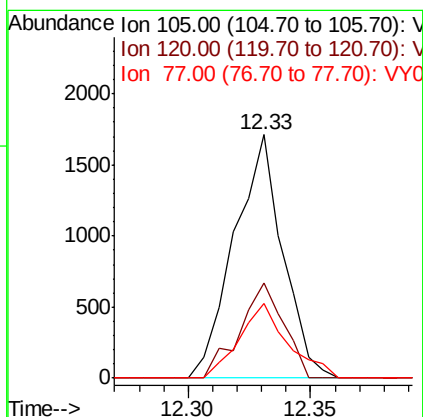
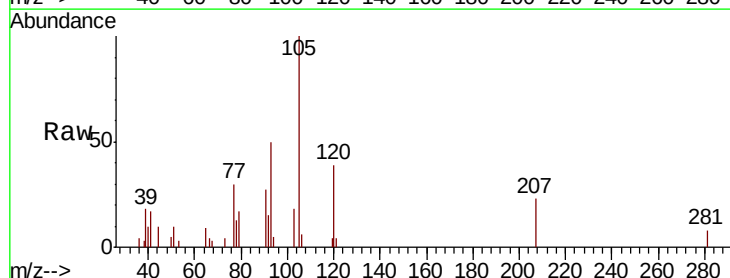
Tgt Ion: 105 Resp: 2366

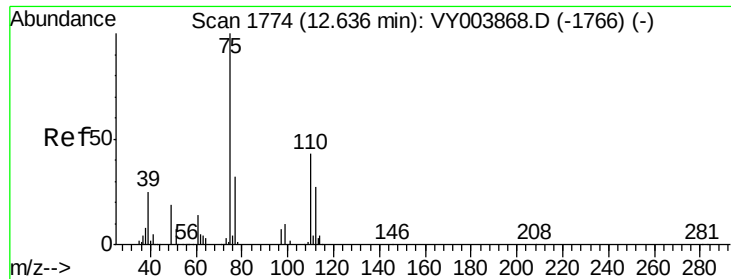
Ion Ratio Lower Upper

105 100

120 35.2 21.7 32.5#

77 30.7 12.9 19.3#

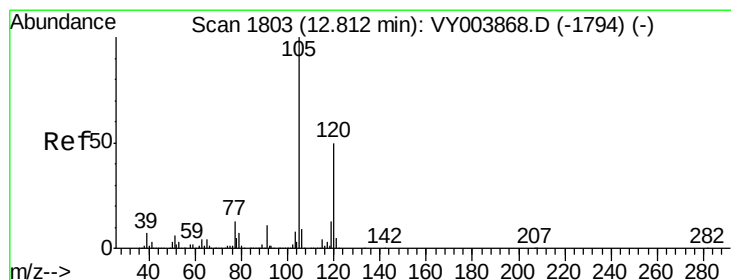
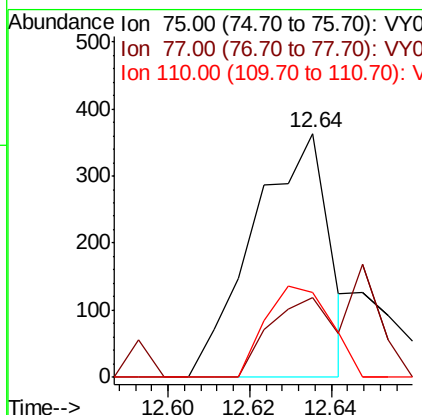
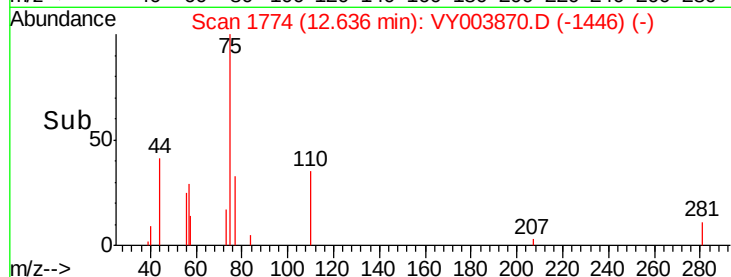
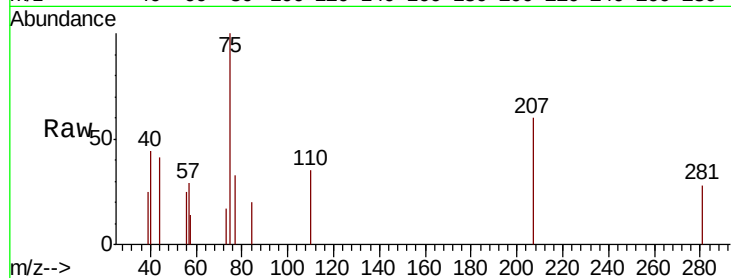




#61
 1,2,3-Trichloropropane
 Concen: 0.115 ug/L
 RT: 12.64 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VY003870.D
 Acq: 04 Jan 2021 14:13

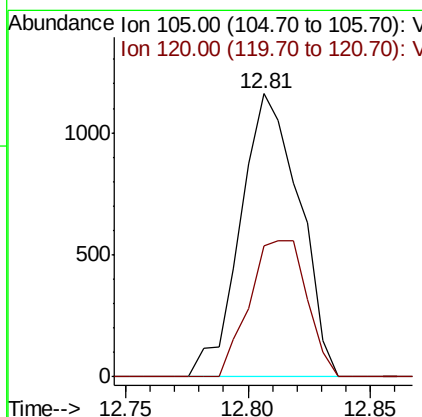
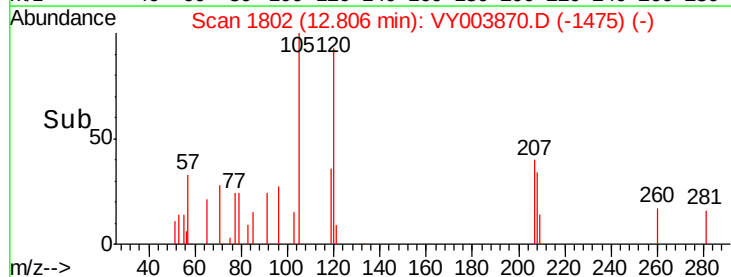
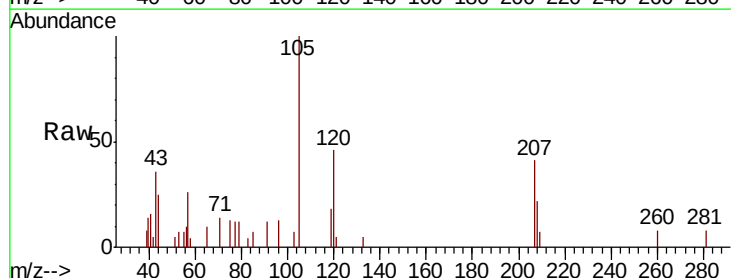
Instrument :
 MSVOA_Y
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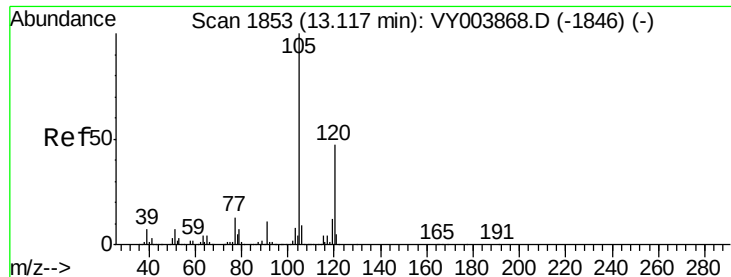
Tot Ion: 75 Resp: 469
 Ion Ratio Lower Upper
 75 100
 77 27.9 26.2 39.4
 110 32.4 32.4 48.6



#62
 1,3,5-Trimethylbenzene
 Concen: 0.107 ug/L
 RT: 12.81 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VY003870.D
 Acq: 04 Jan 2021 14:13

Tgt Ion: 105 Resp: 1951
 Ion Ratio Lower Upper
 105 100
 120 47.0 39.0 58.4





#63

1,2,4-Trimethylbenzene

Concen: 0.118 ug/L

RT: 13.12 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VY003870.D

Acq: 04 Jan 2021 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VBLK207

Tot Ion:105 Resp: 2184

Ion Ratio Lower Upper

105 100

120 40.0 36.5 54.7

