

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112520\
 Data File : VY003623.D
 Acq On : 25 Nov 2020 14:56
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Nov 26 05:18:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL112520SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 05:16:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	257129	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	234692	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	113529	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	83442	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.48%
7) Chloroethane-d5	2.77	69	62906	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.28%
11) 1,1-Dichloroethene-d2	3.86	63	123401	17.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.36%
21) 2-Butanone-d5	6.90	46	59321	42.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.66%
24) Chloroform-d	7.48	84	148367	22.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.12%
26) 1,2-Dichloroethane-d4	8.15	65	85121	22.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	8.11	84	315032	22.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.96%
36) 1,2-Dichloropropane-d6	9.12	67	95324	23.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.08%
41) Toluene-d8	10.18	98	282588	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.88%
43) trans-1,3-Dichloropropene-	10.43	79	44825	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.28%
47) 2-Hexanone-d5	10.79	63	45225	44.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.56%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	88117	21.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.08%
66) 1,2-Dichlorobenzene-d4	13.72	152	98732	24.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.20%

Target Compounds

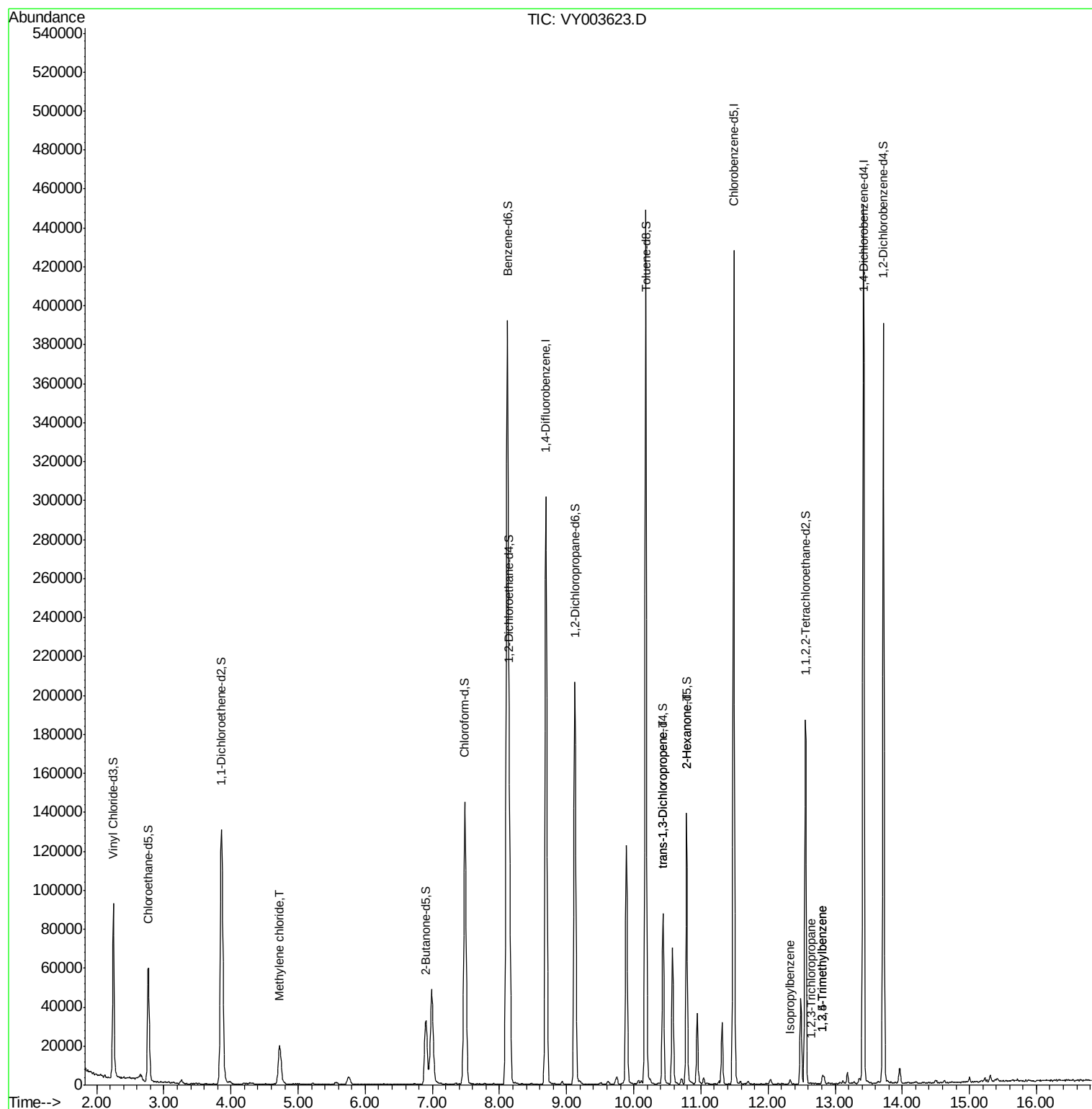
					Ovalue
16) Methylene chloride	4.72	84	14103	2.752 ug/L	94
44) trans-1,3-Dichloropropene	10.44	75	3009	0.578 ug/L	91
48) 2-Hexanone	10.78	43	5862	2.566 ug/L #	65
60) Isopropylbenzene	12.32	105	998	0.067 ug/L #	81
61) 1,2,3-Trichloropropane	12.64	75	128	0.047 ug/L #	38
62) 1,3,5-Trimethylbenzene	12.81	105	944	0.080 ug/L	90
63) 1,2,4-Trimethylbenzene	12.81	105	944	0.082 ug/L	95

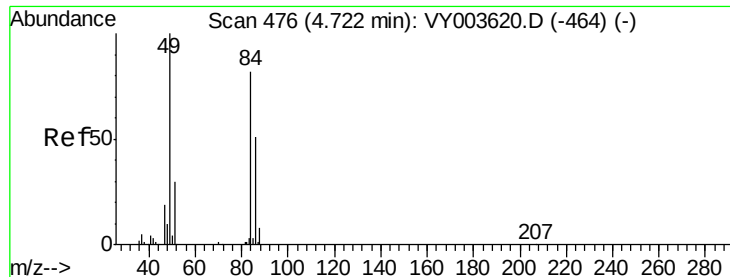
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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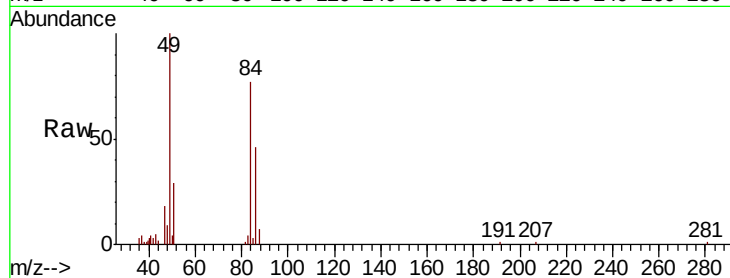




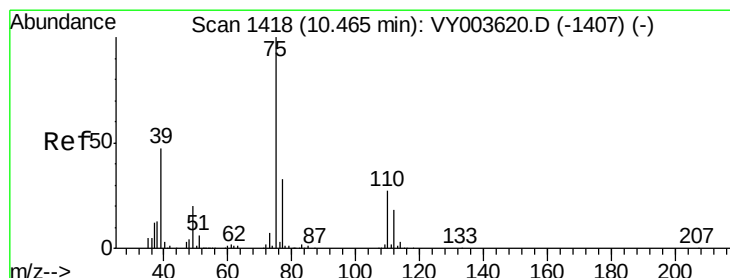
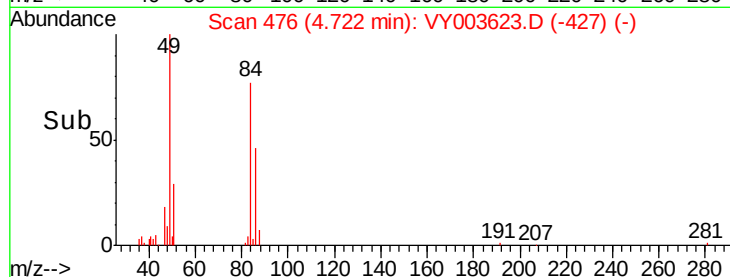
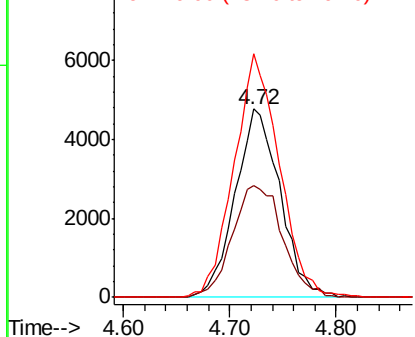
#16
Methylene chloride
Concen: 2.752 ug/L
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VY003623.D
Acq: 25 Nov 2020 14:56

Instrument :
MSVOA_Y
ClientSampled :
VIBLK

Tot Ion: 84 Resp: 14103
Ion Ratio Lower Upper
84 100
86 59.4 43.3 80.3
49 129.5 85.3 158.5

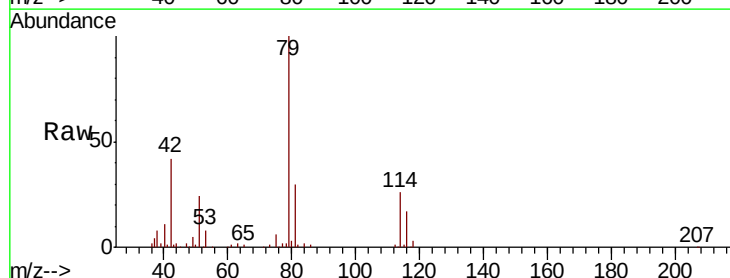


Abundance Ion 84.00 (83.70 to 84.70): VY0
Ion 86.00 (85.70 to 86.70): VY0
Ion 49.00 (48.70 to 49.70): VY0

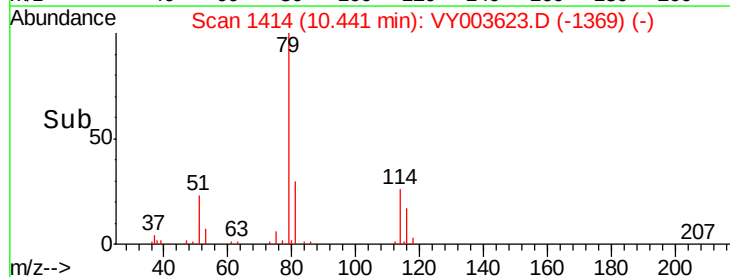
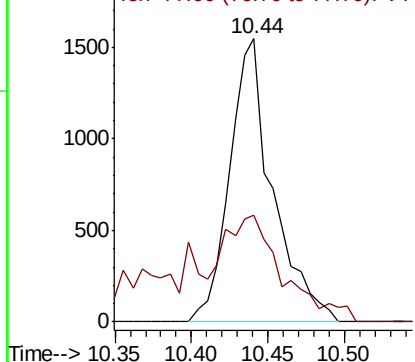


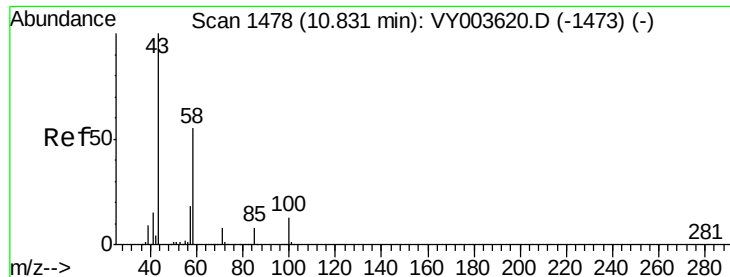
#44
trans-1,3-Dichloropropene
Concen: 0.578 ug/L
RT: 10.44 min Scan# 1414
Delta R.T. -0.02 min
Lab File: VY003623.D
Acq: 25 Nov 2020 14:56

Tgt Ion: 75 Resp: 3009
Ion Ratio Lower Upper
75 100
77 37.8 22.9 42.5



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

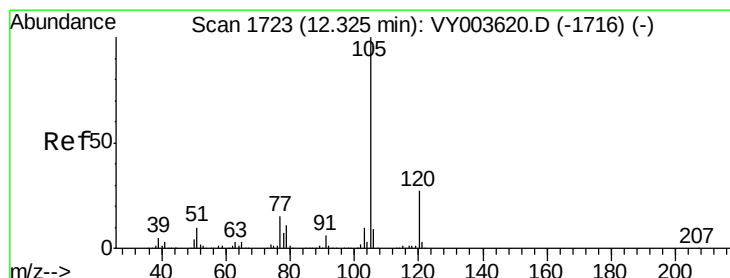
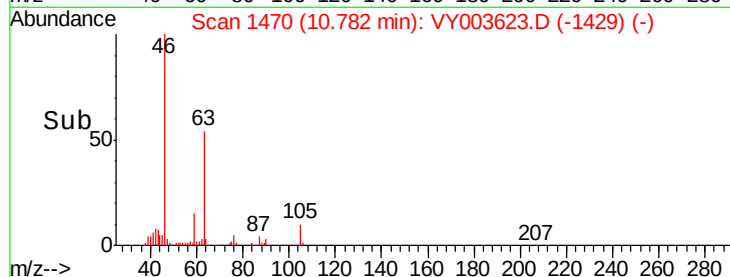
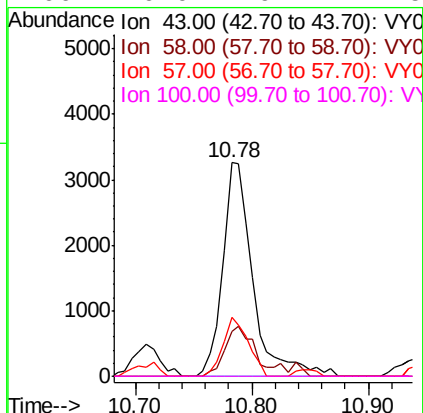
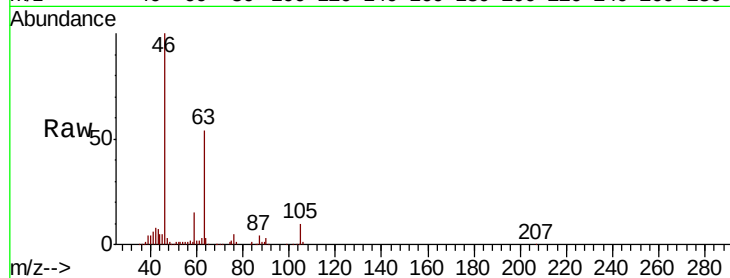




#48
 2-Hexanone
 Concen: 2.566 ug/L
 RT: 10.78 min Scan# 1470
 Delta R.T. -0.05 min
 Lab File: VY003623.D
 Acq: 25 Nov 2020 14:56

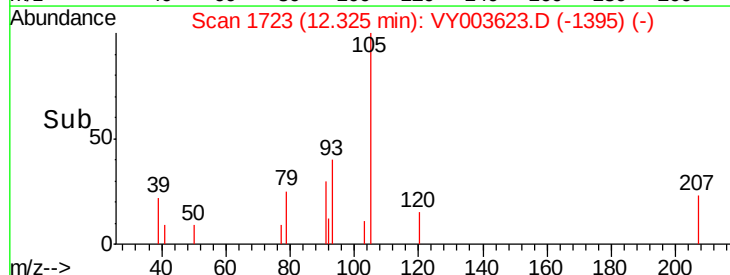
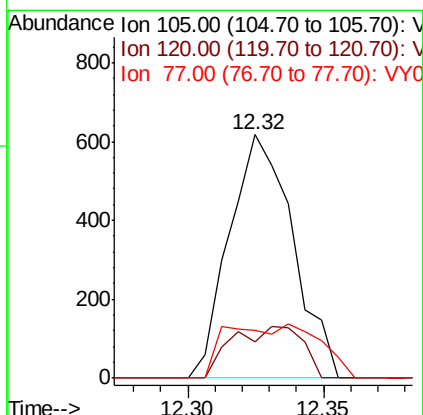
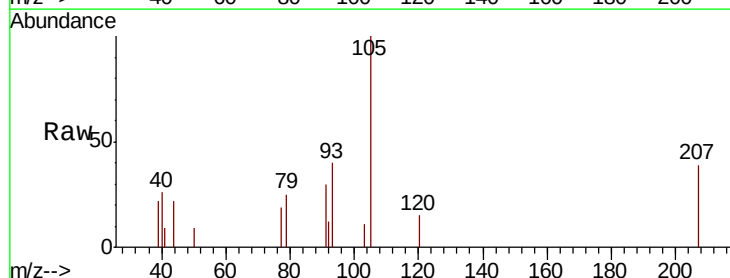
Instrument :
 MSVOA_Y
 ClientSampleID :
 VIBLK

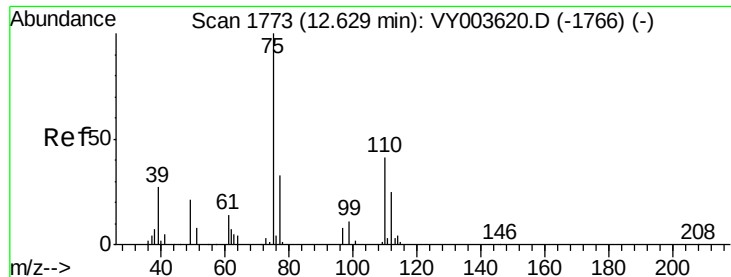
Tot Ion:	43	Resp:	5862
Ion	Ratio	Lower	Upper
43	100		
58	22.6	43.0	64.6#
57	22.9	14.6	21.8#
100	0.0	9.7	14.5#



#60
 Isopropylbenzene
 Concen: 0.067 ug/L
 RT: 12.32 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: VY003623.D
 Acq: 25 Nov 2020 14:56

Tgt Ion:	105	Resp:	998
Ion	Ratio	Lower	Upper
105	100		
120	12.7	22.0	33.0#
77	14.7	12.1	18.1

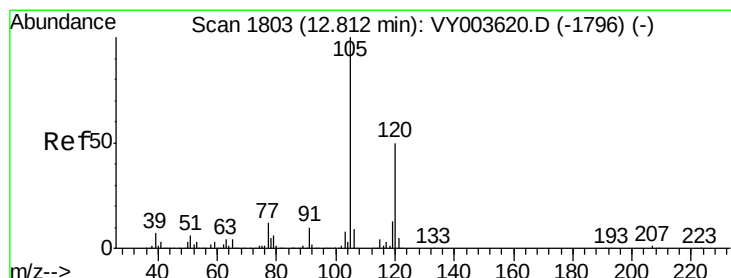
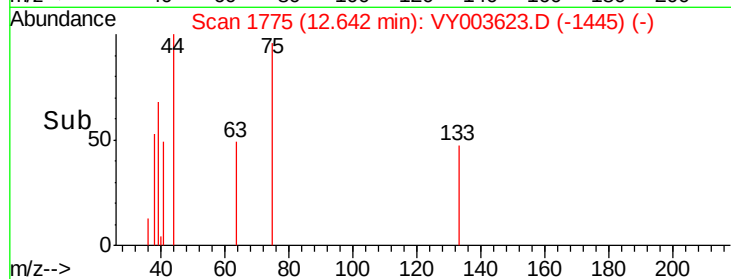
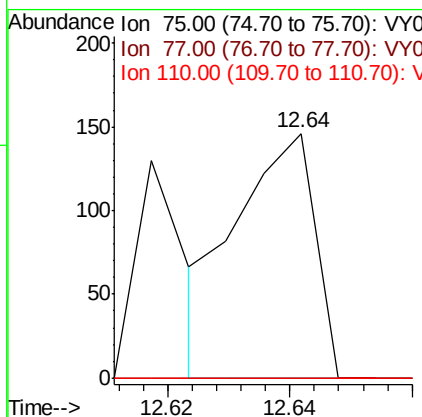
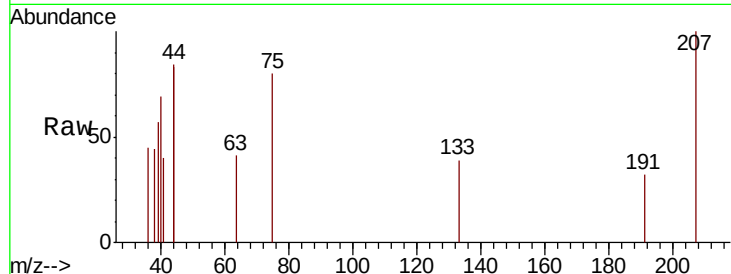




#61
 1,2,3-Trichloropropane
 Concen: 0.047 ug/L
 RT: 12.64 min Scan# 1775
 Delta R.T. 0.01 min
 Lab File: VY003623.D
 Acq: 25 Nov 2020 14:56

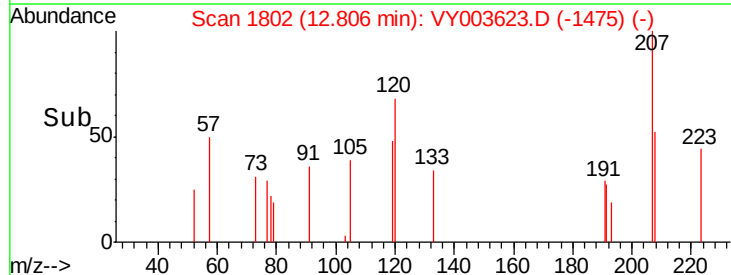
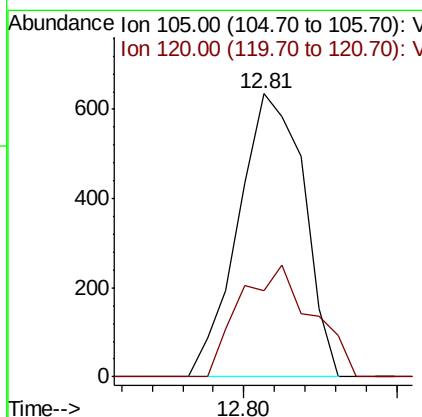
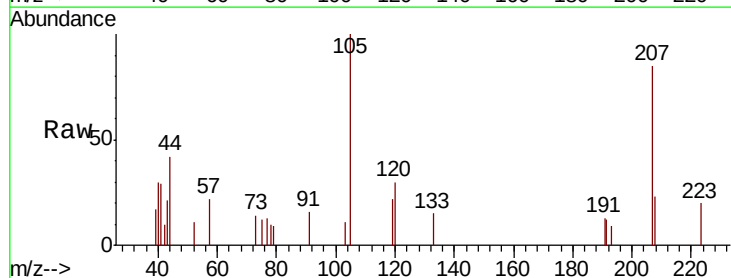
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 MSVOA_Y
 ClientSampleId :
 VIBLK

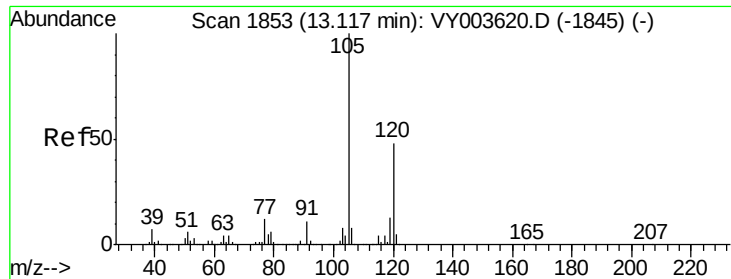
Tot Ion: 75 Resp: 128
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.3 39.5#
 110 0.0 33.0 49.4#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.080 ug/L
 RT: 12.81 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VY003623.D
 Acq: 25 Nov 2020 14:56

Tgt Ion: 105 Resp: 944
 Ion Ratio Lower Upper
 105 100
 120 43.9 40.4 60.6





#63

1,2,4-Trimethylbenzene

Concen: 0.082 ug/L

RT: 12.81 min Scan# 1802

Delta R.T. -0.31 min

Lab File: VY003623.D

Acq: 25 Nov 2020 14:56

Instrument :

MSVOA_Y

ClientSampleId :

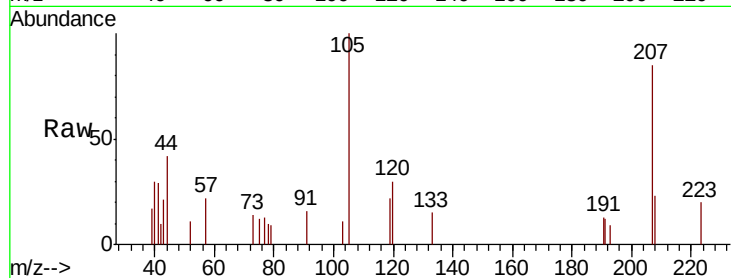
VIBLK

Tot Ion:105 Resp: 944

Ion Ratio Lower Upper

105 100

120 43.9 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

