

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122220\
 Data File : VY003834.D
 Acq On : 22 Dec 2020 13:23
 Operator : SY/MD
 Sample : VIBLK40
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK40

Quant Time: Dec 23 00:31:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLEM120720SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 00:29:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	261321	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	244881	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	125537	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	51970	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.36%
7) Chloroethane-d5	2.77	69	45103	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.64%
11) 1,1-Dichloroethene-d2	3.86	63	86629	15.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.56%
21) 2-Butanone-d5	6.90	46	61800	46.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.62%
24) Chloroform-d	7.48	84	133624	22.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	8.15	65	76088	23.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.52%
32) Benzene-d6	8.12	84	257151	21.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	9.12	67	82297	22.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.32%
41) Toluene-d8	10.18	98	249561	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.48%
43) trans-1,3-Dichloropropene-	10.43	79	41585	23.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.12%
47) 2-Hexanone-d5	10.79	63	50534	48.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.92%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	83332	24.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.92%
66) 1,2-Dichlorobenzene-d4	13.72	152	103127	25.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.12%

Target Compounds

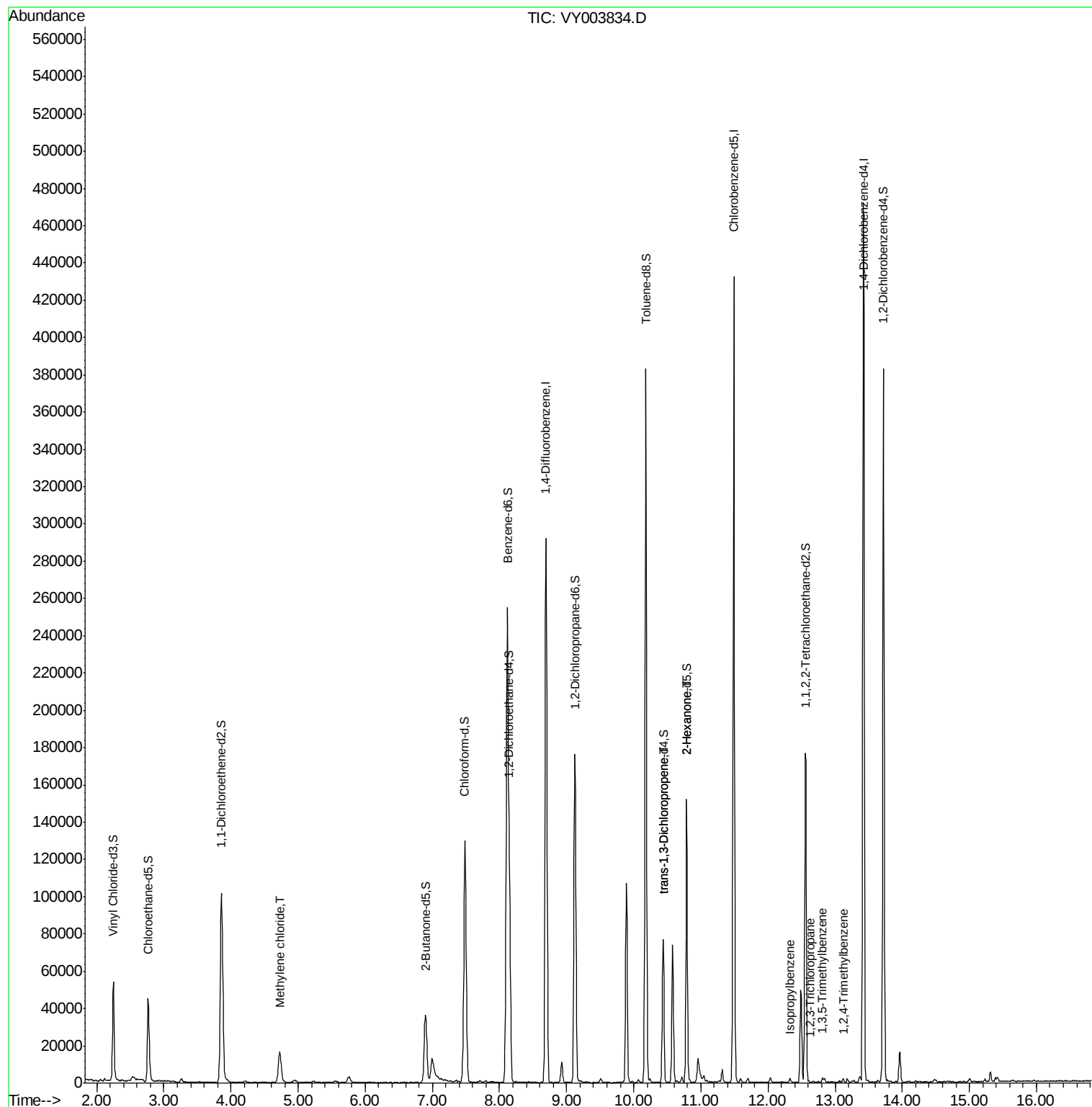
					Ovalue
16) Methylene chloride	4.73	84	11928	2.611 ug/L	96
44) trans-1,3-Dichloropropene	10.45	75	2628	0.517 ug/L	90
48) 2-Hexanone	10.79	43	5498	2.517 ug/L #	64
60) Isopropylbenzene	12.33	105	1094	0.072 ug/L #	89
61) 1,2,3-Trichloropropane	12.63	75	346	0.124 ug/L #	57
62) 1,3,5-Trimethylbenzene	12.81	105	954	0.079 ug/L	92
63) 1,2,4-Trimethylbenzene	13.12	105	1563	0.130 ug/L	97

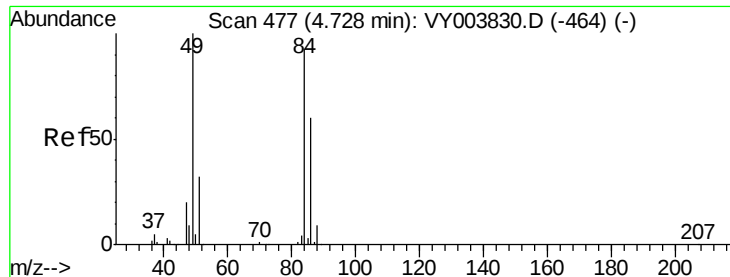
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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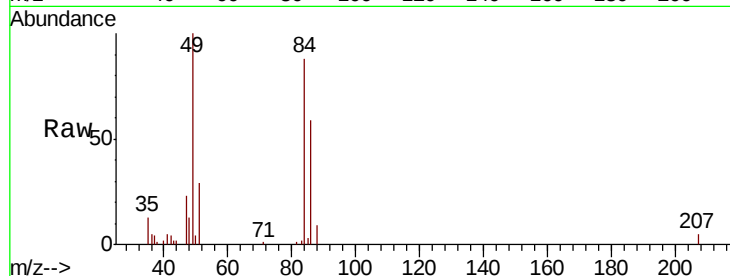




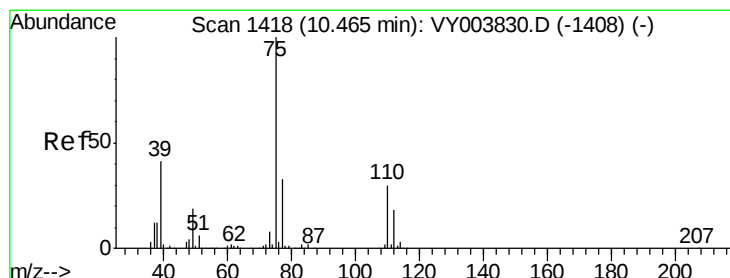
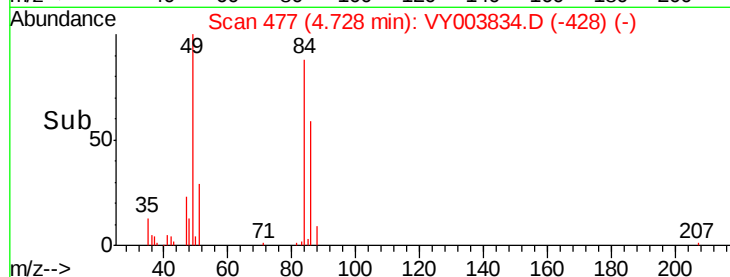
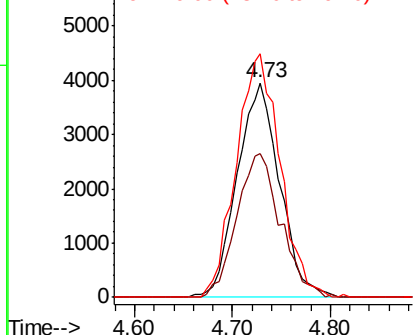
#16
Methylene chloride
Concen: 2.611 ug/L
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VY003834.D
Acq: 22 Dec 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK40

Tot Ion: 84 Resp: 11928
Ion Ratio Lower Upper
84 100
86 67.0 45.2 84.0
49 113.5 83.1 154.3

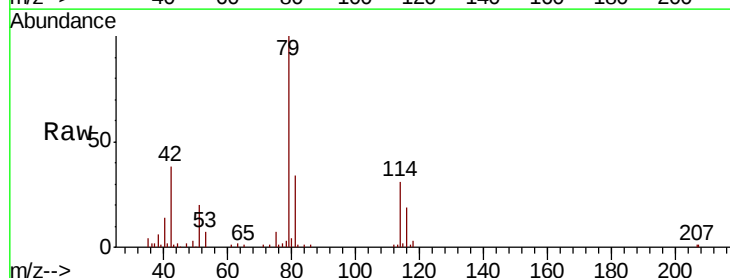


Abundance Ion 84.00 (83.70 to 84.70): VY0
Ion 86.00 (85.70 to 86.70): VY0
Ion 49.00 (48.70 to 49.70): VY0

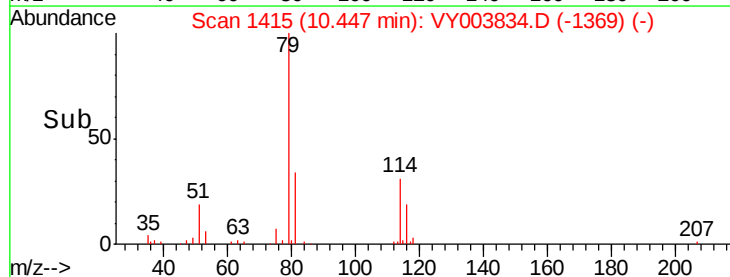
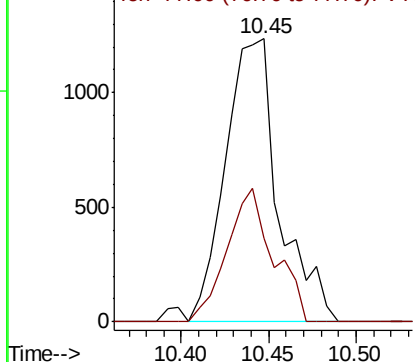


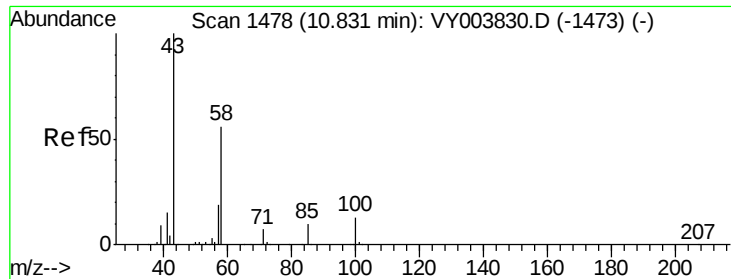
#44
trans-1,3-Dichloropropene
Concen: 0.517 ug/L
RT: 10.45 min Scan# 1415
Delta R.T. -0.02 min
Lab File: VY003834.D
Acq: 22 Dec 2020 13:23

Tgt Ion: 75 Resp: 2628
Ion Ratio Lower Upper
75 100
77 29.6 24.7 45.9



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

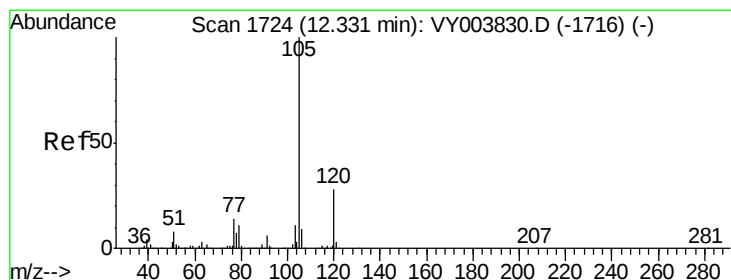
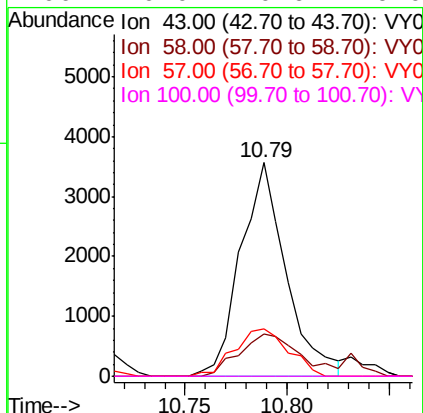
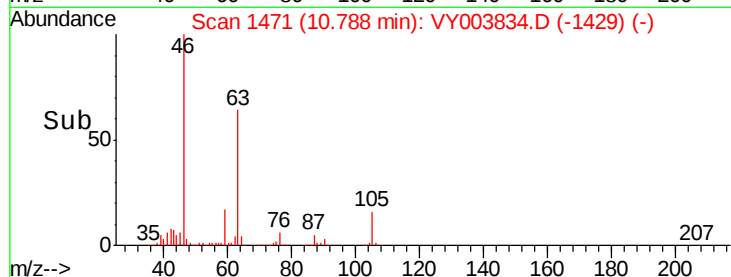
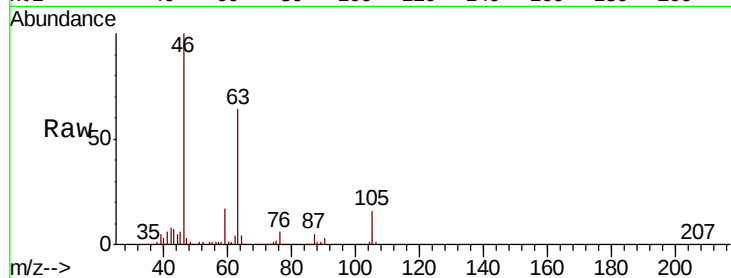




#48
2-Hexanone
Concen: 2.517 ug/L
RT: 10.79 min Scan# 1471
Delta R.T. -0.04 min
Lab File: VY003834.D
Acq: 22 Dec 2020 13:23

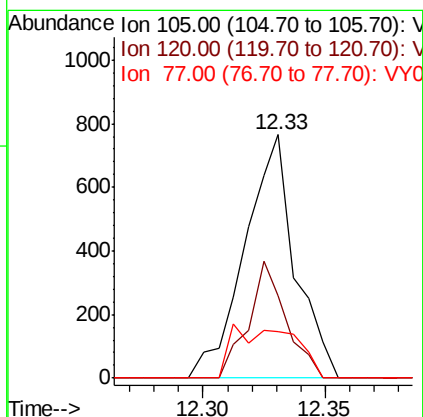
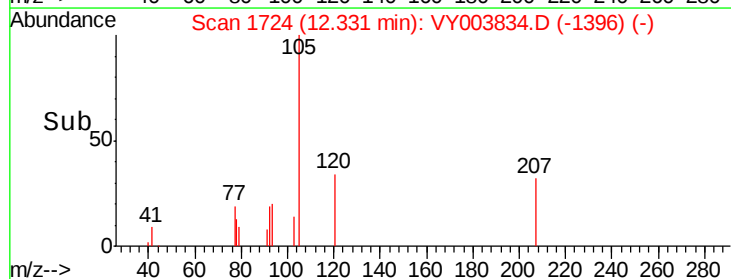
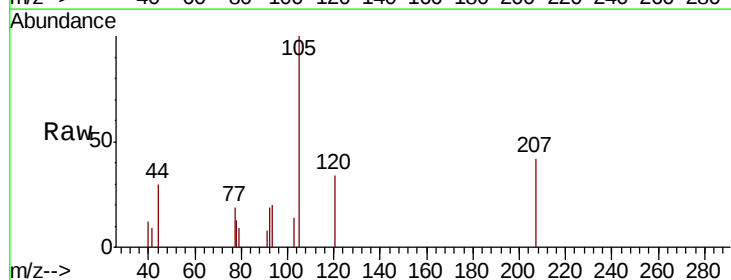
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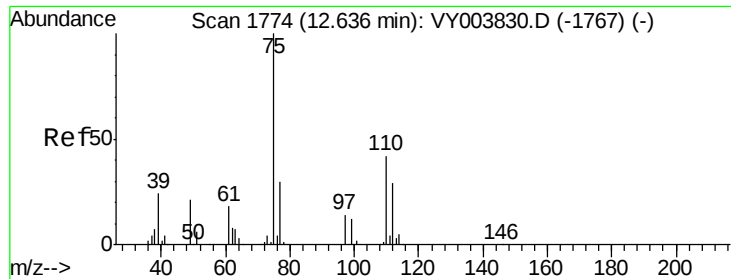
Tot Ion:	43	Resp:	5498
Ion	Ratio	Lower	Upper
43	100		
58	26.9	44.3	66.5#
57	26.5	12.6	19.0#
100	0.0	10.6	16.0#



#60
Isopropylbenzene
Concen: 0.072 ug/L
RT: 12.33 min Scan# 1724
Delta R.T. 0.00 min
Lab File: VY003834.D
Acq: 22 Dec 2020 13:23

Tgt Ion:	105	Resp:	1094
Ion	Ratio	Lower	Upper
105	100		
120	35.7	22.6	33.8#
77	17.4	11.9	17.9

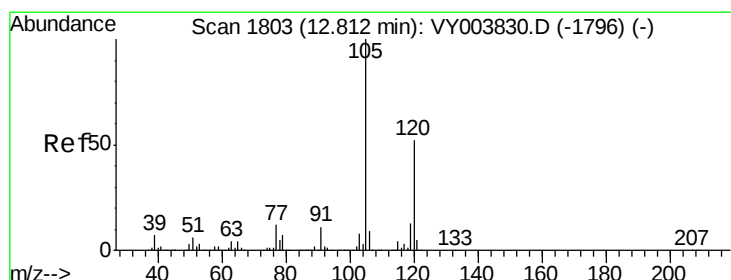
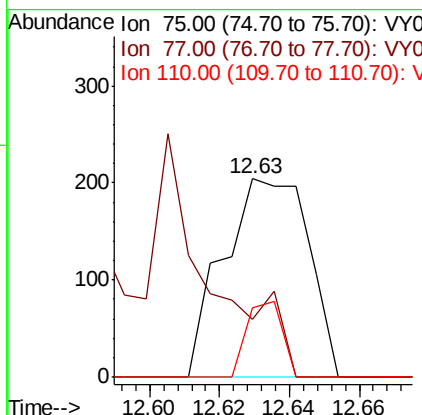
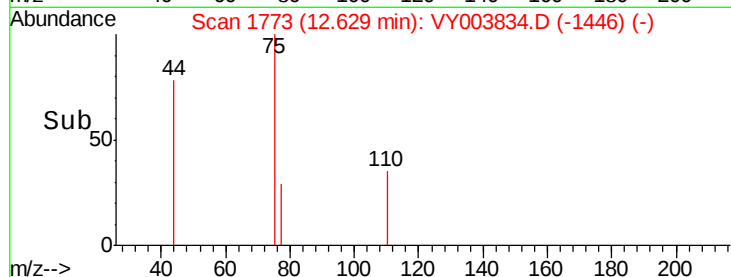
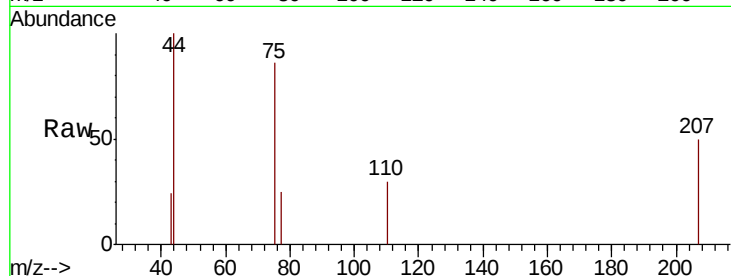




#61
 1,2,3-Trichloropropane
 Concen: 0.124 ug/L
 RT: 12.63 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VY003834.D
 Acq: 22 Dec 2020 13:23

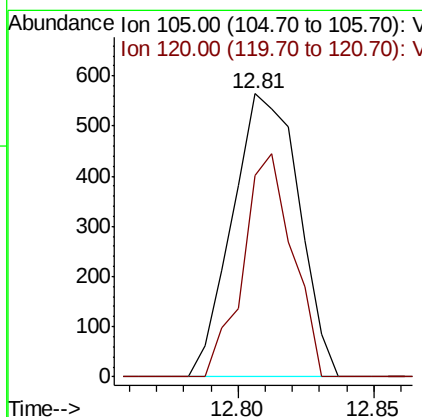
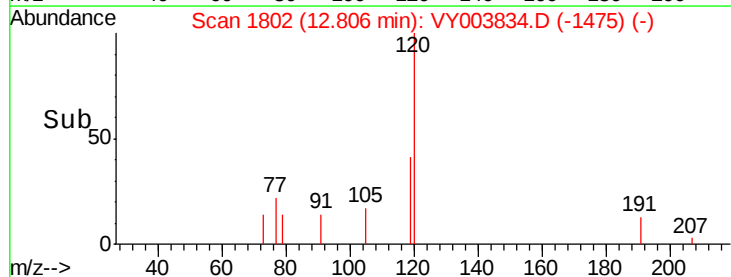
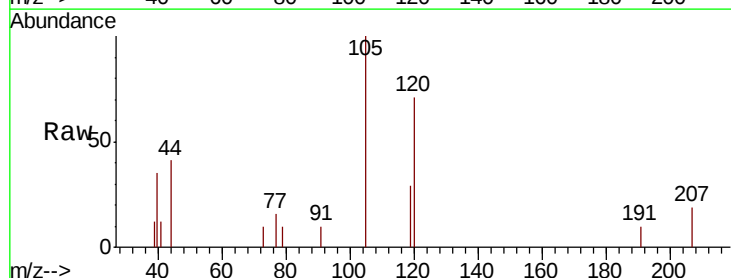
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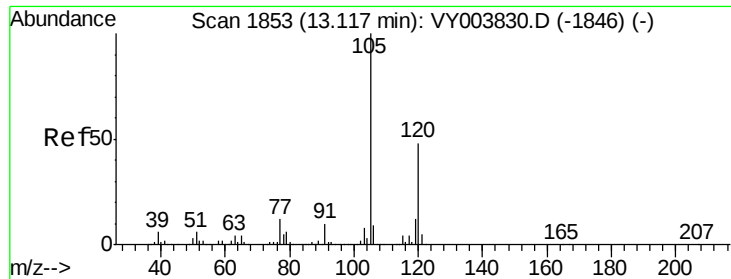
Tot Ion: 75 Resp: 346
 Ion Ratio Lower Upper
 75 100
 77 9.5 29.0 43.6#
 110 15.6 33.3 49.9#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.079 ug/L
 RT: 12.81 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VY003834.D
 Acq: 22 Dec 2020 13:23

Tgt Ion: 105 Resp: 954
 Ion Ratio Lower Upper
 105 100
 120 58.7 42.2 63.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.130 ug/L
 RT: 13.12 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: VY003834.D
 Acq: 22 Dec 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK40

Tot Ion:105 Resp: 1563
 Ion Ratio Lower Upper
 105 100
 120 47.0 39.0 58.6

