

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
 Data File : VY003698.D
 Acq On : 09 Dec 2020 14:17
 Operator : SY/MD
 Sample : VIBLK89
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK89

Quant Time: Dec 10 02:29:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 02:27:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	227887	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	217671	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	105664	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	58217	18.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.28%
7) Chloroethane-d5	2.77	69	49650	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.68%
10) 1,1-Dichloroethene-d2	3.86	63	94217	15.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.12%
20) 2-Butanone-d5	6.90	46	44445	38.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.36%
24) Chloroform-d	7.49	84	129553	22.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	8.15	65	69535	21.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.28%
29) Benzene-d6	8.12	84	277046	21.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.92%
33) 1,2-Dichloropropane-d6	9.12	67	82687	22.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.68%
37) Toluene-d8	10.18	98	255560	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.48%
38) trans-1,3-Dichloropropene-	10.44	79	37995	21.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.28%
39) 2-Hexanone-d5	10.79	63	37030	39.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.26%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	66888	20.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.52%
61) 1,2-Dichlorobenzene-d4	13.72	152	92885	24.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.76%

Target Compounds

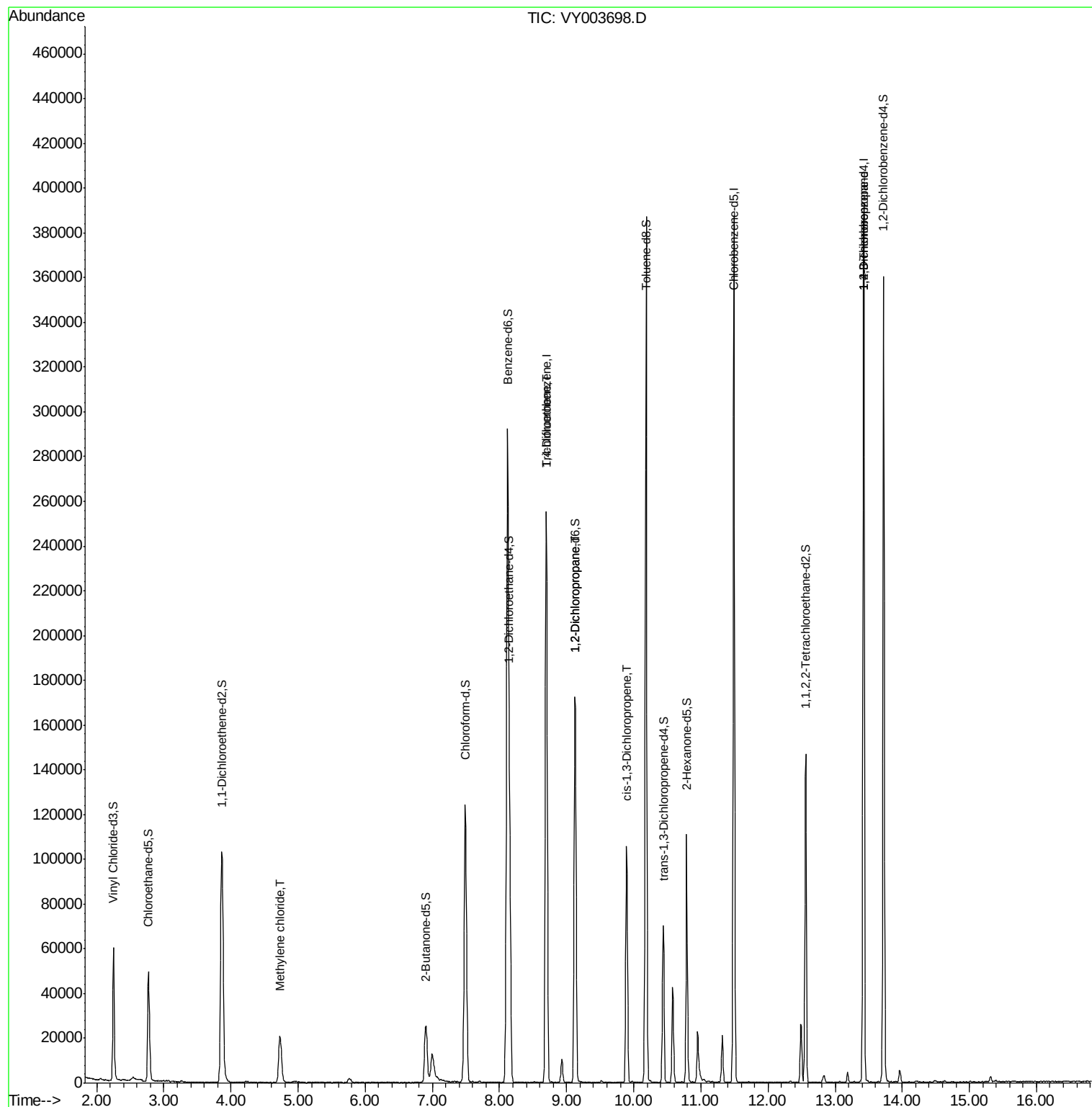
					Ovalue
16) Methylene chloride	4.73	84	15879	3.968 ug/L	95
35) Trichloroethene	8.70	95	6800	1.989 ug/L #	3
40) 1,2-Dichloropropane	9.13	63	8933	2.860 ug/L #	86
42) cis-1,3-Dichloropropene	9.89	75	2906	0.591 ug/L #	80
59) 1,2,3-Trichloropropane	13.42	75	12655	4.903 ug/L	100

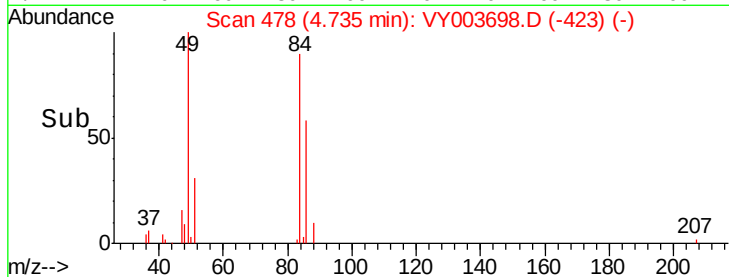
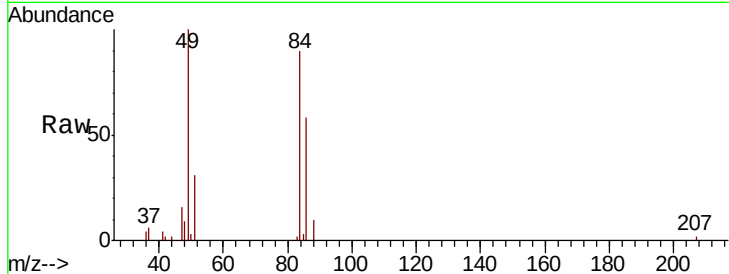
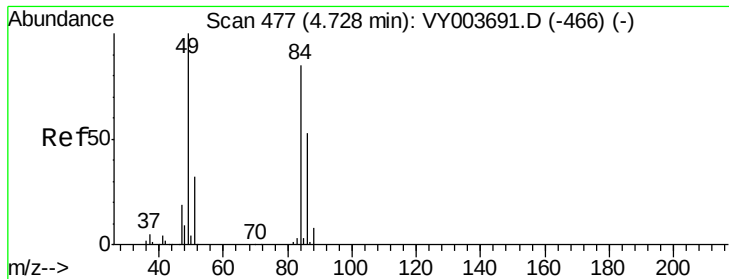
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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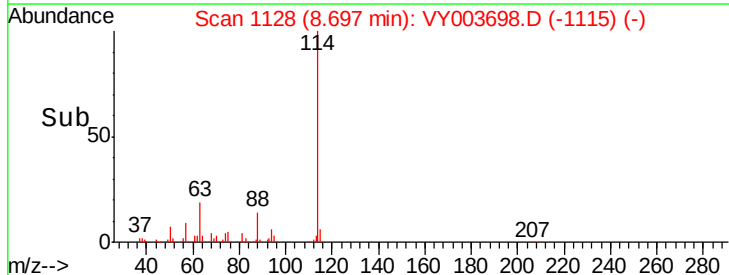
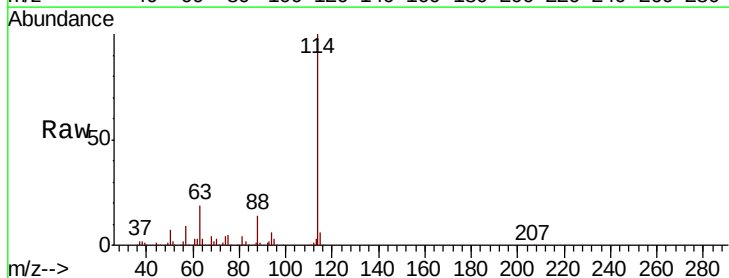
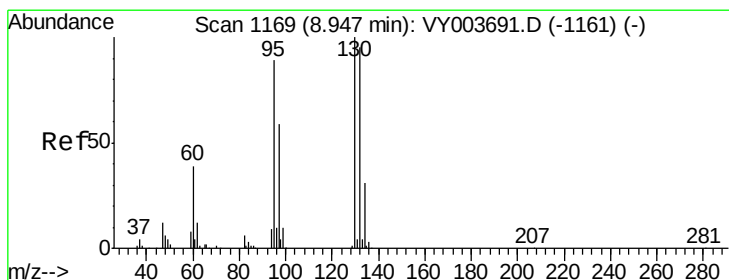
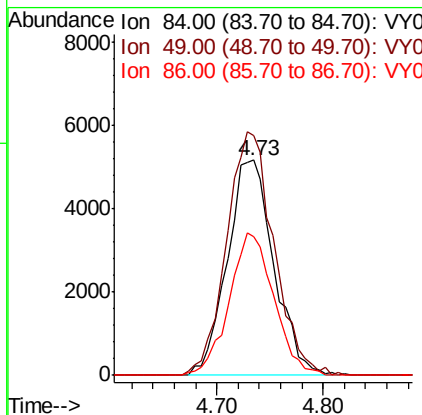




#16
Methylene chloride
Concen: 3.968 ug/L
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VY003698.D
Acq: 09 Dec 2020 14:17

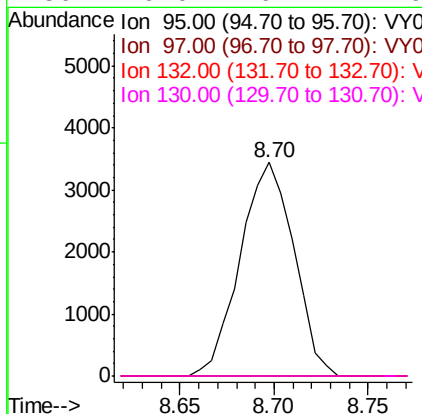
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK89

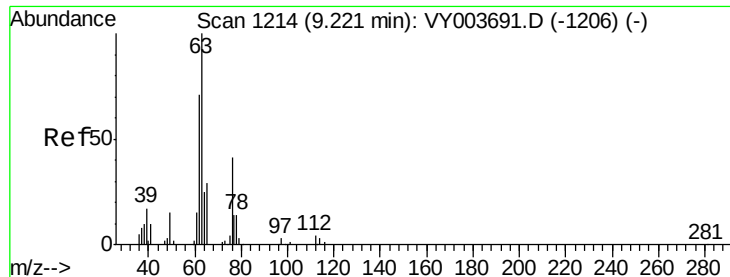
Tot Ion: 84 Resp: 15879
Ion Ratio Lower Upper
84 100
49 111.2 83.7 155.4
86 64.5 45.0 83.6



#35
Trichloroethene
Concen: 1.989 ug/L
RT: 8.70 min Scan# 1128
Delta R.T. -0.25 min
Lab File: VY003698.D
Acq: 09 Dec 2020 14:17

Tgt Ion: 95 Resp: 6800
Ion Ratio Lower Upper
95 100
97 1.2 45.8 85.0#
132 2.3 74.2 137.8#
130 0.0 76.2 141.6#





#40

1,2-Dichloropropane

Concen: 2.860 ug/L

RT: 9.13 min Scan# 1199

Delta R.T. -0.09 min

Lab File: VY003698.D

Acq: 09 Dec 2020 14:17

Instrument :

MSVOA_Y

ClientSampleId :

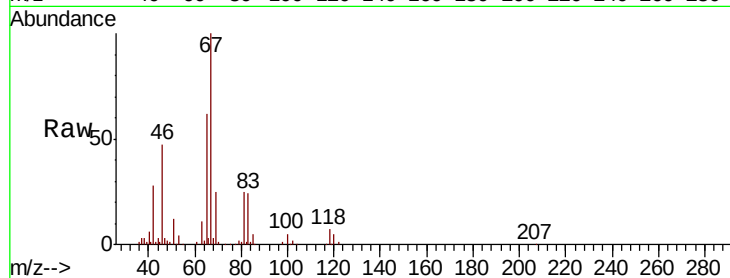
VIBLK89

Tot Ion: 63 Resp: 8933

Ion Ratio Lower Upper

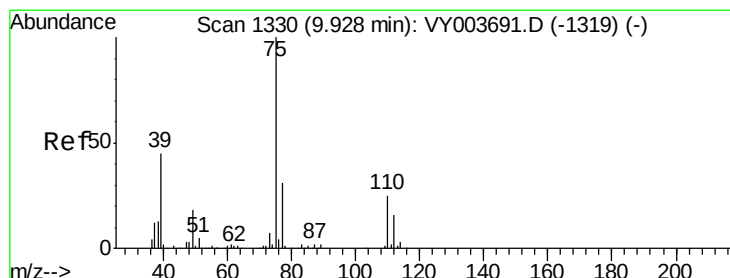
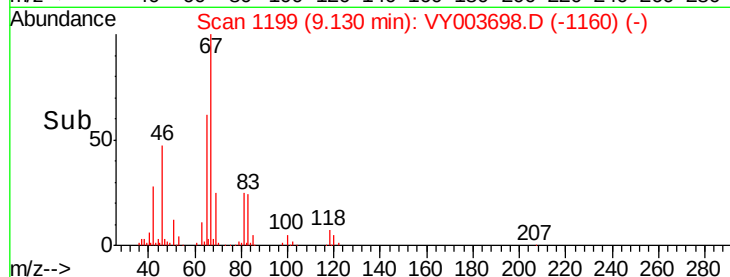
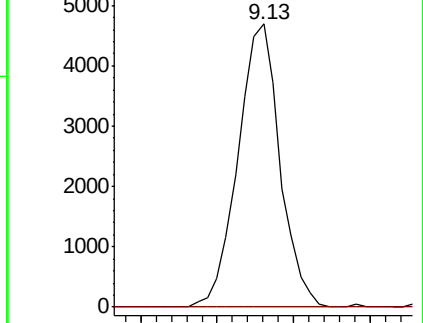
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VY0

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.591 ug/L

RT: 9.89 min Scan# 1324

Delta R.T. -0.04 min

Lab File: VY003698.D

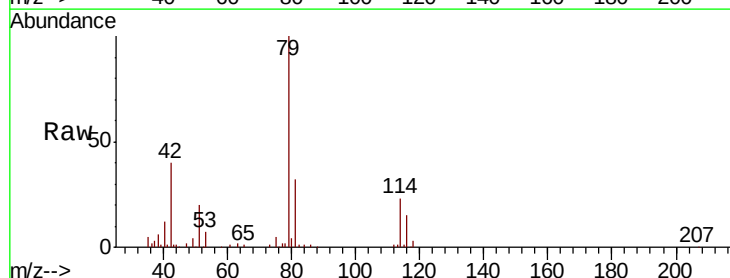
Acq: 09 Dec 2020 14:17

Tgt Ion: 75 Resp: 2906

Ion Ratio Lower Upper

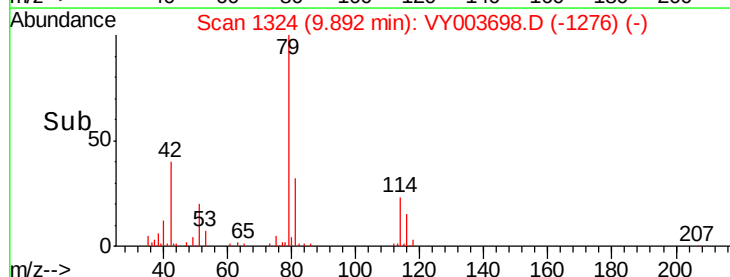
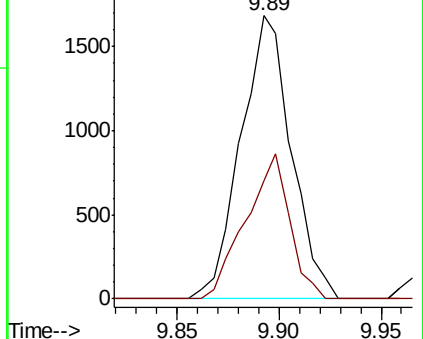
75 100

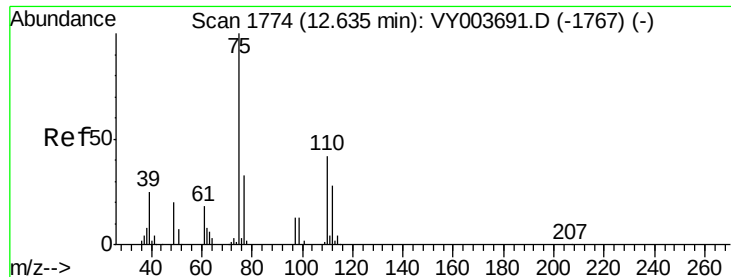
77 41.7 21.3 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0





#59

1,2,3-Trichloropropane

Concen: 4.903 ug/L

RT: 13.42 min Scan# 1903

Delta R.T. 0.79 min

Lab File: VY003698.D

Acq: 09 Dec 2020 14:17

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK89

Tot Ion: 75 Resp: 12655

Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9

