

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
 Data File : VY003725.D
 Acq On : 10 Dec 2020 18:47
 Operator : SY/MD
 Sample : L4979-25
 Misc : 5.05G/10ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VHBLK02

Quant Time: Dec 11 00:51:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 00:47:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	193672	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	189637	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	89941	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	61142	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.28%
7) Chloroethane-d5	2.77	69	50706	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.16%
10) 1,1-Dichloroethene-d2	3.86	63	89562	17.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.52%
20) 2-Butanone-d5	6.91	46	39340	40.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.58%
24) Chloroform-d	7.49	84	119235	23.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	8.15	65	69632	24.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.32%
29) Benzene-d6	8.12	84	257910	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.12	67	76405	23.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.08%
37) Toluene-d8	10.18	98	234945	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.48%
38) trans-1,3-Dichloropropene-	10.43	79	36957	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.20%
39) 2-Hexanone-d5	10.79	63	33460	41.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.22%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	71020	24.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.12%
61) 1,2-Dichlorobenzene-d4	13.72	152	89933	27.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.08%

Target Compounds

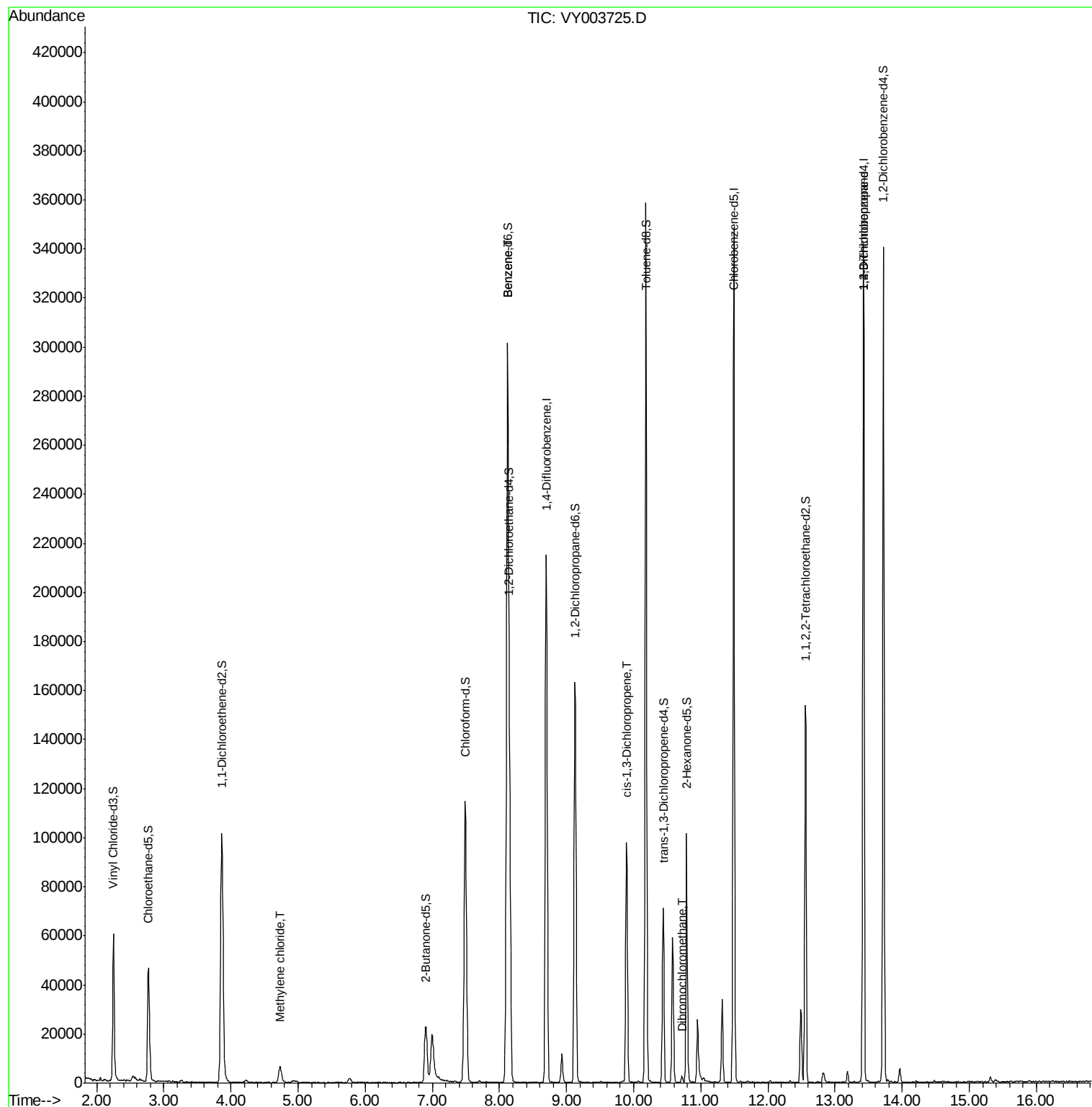
					Ovalue
16) Methylene chloride	4.73	84	4649	1.367 ug/L	99
34) Benzene	8.12	78	2460	0.227 ug/L	100
42) cis-1,3-Dichloropropene	9.89	75	2843	0.664 ug/L	87
50) Dibromochloromethane	10.72	129	452	0.165 ug/L #	10
59) 1,2,3-Trichloropropane	13.42	75	10742	4.777 ug/L	99

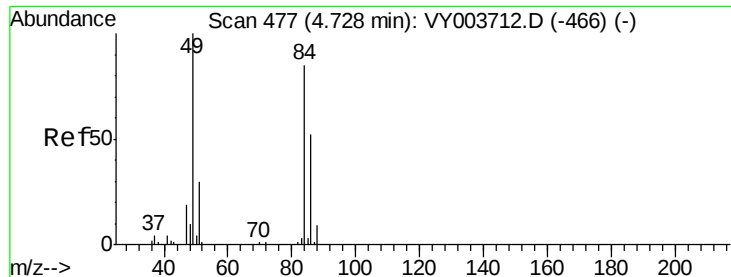
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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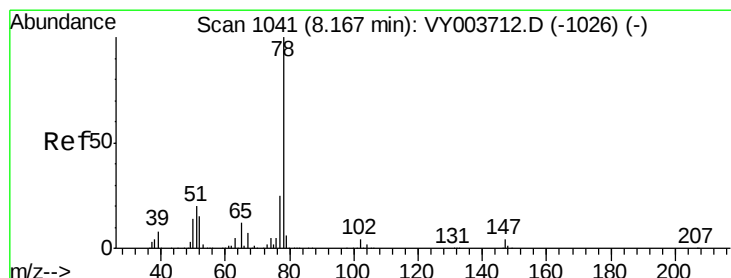
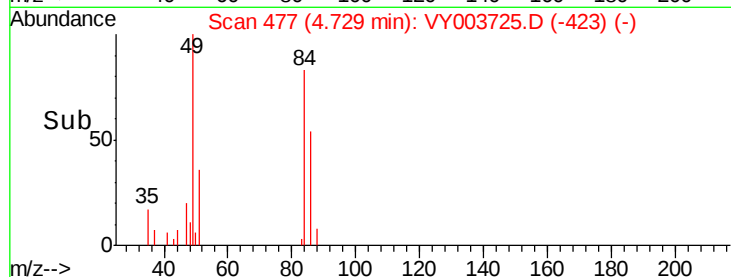
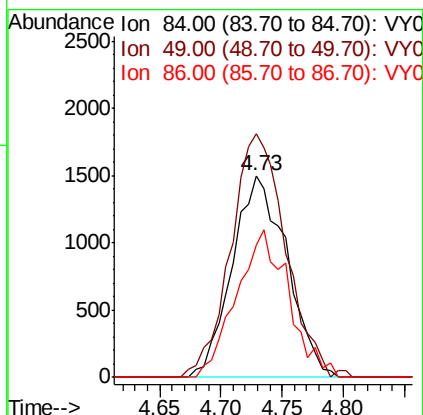
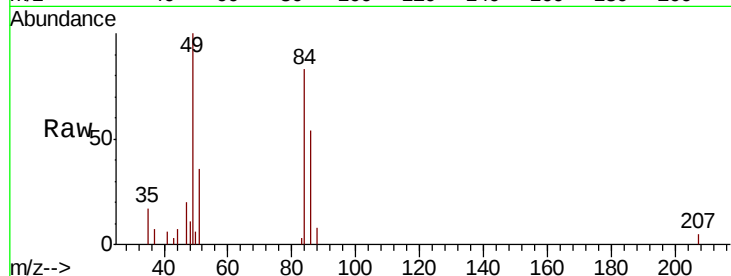




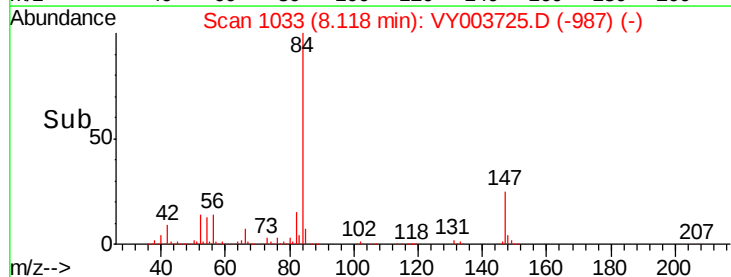
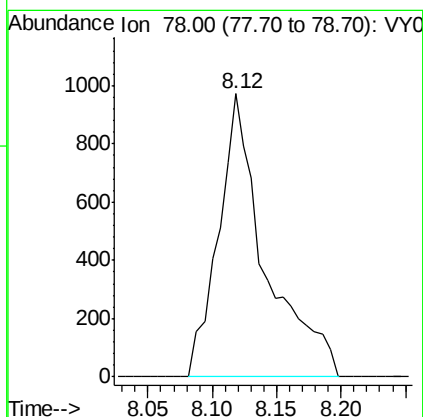
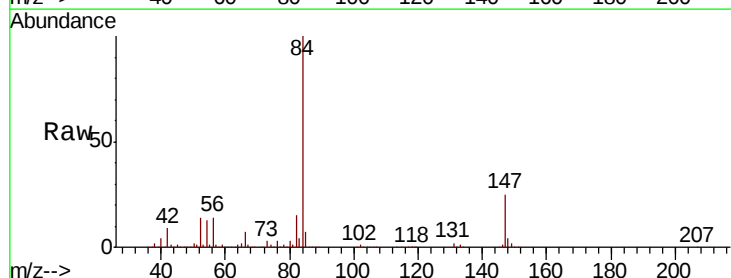
#16
Methvlene chloride
Concen: 1.367 ug/L
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VY003725.D
Acq: 10 Dec 2020 18:47

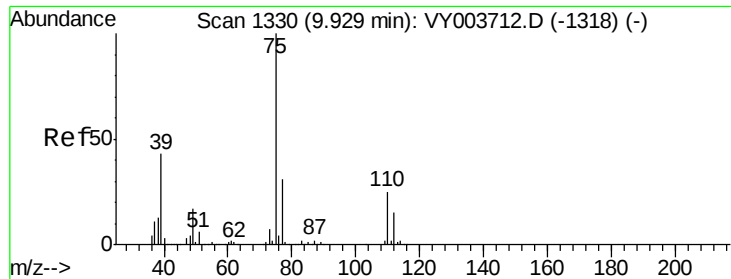
Instrument :
MSVOA_Y
ClientSampleId :
VHBLK02

Tot Ion: 84 Resp: 4649
Ion Ratio Lower Upper
84 100
49 120.8 83.7 155.4
86 65.4 45.0 83.6



#34
Benzene
Concen: 0.227 ug/L
RT: 8.12 min Scan# 1033
Delta R.T. -0.05 min
Lab File: VY003725.D
Acq: 10 Dec 2020 18:47
Tgt Ion: 78 Resp: 2460



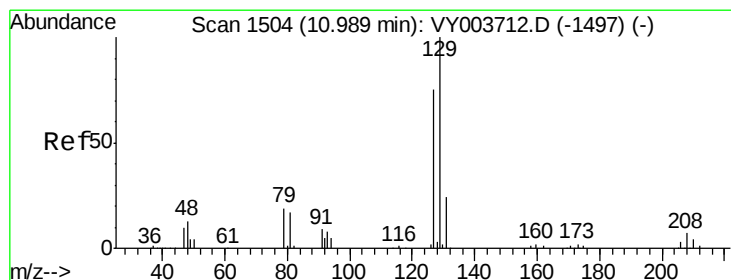
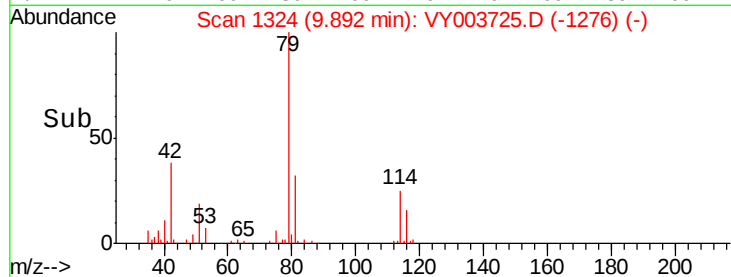
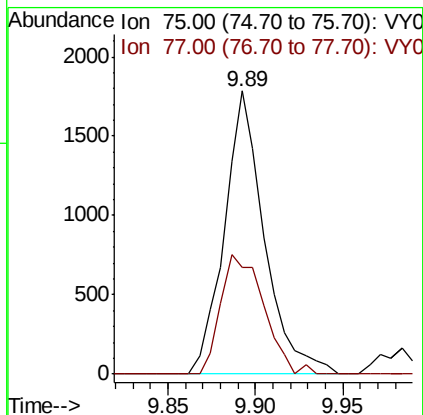
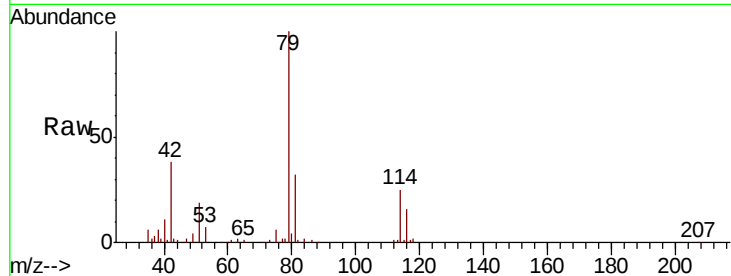


#42

cis-1,3-Dichloropropene
 Concen: 0.664 ug/L
 RT: 9.89 min Scan# 1324
 Delta R.T. -0.04 min
 Lab File: VY003725.D
 Acq: 10 Dec 2020 18:47

Instrument :
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 VHBLK02

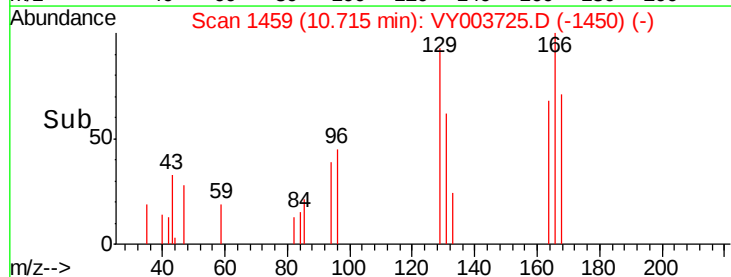
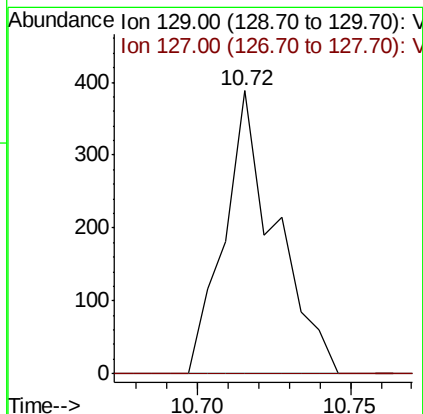
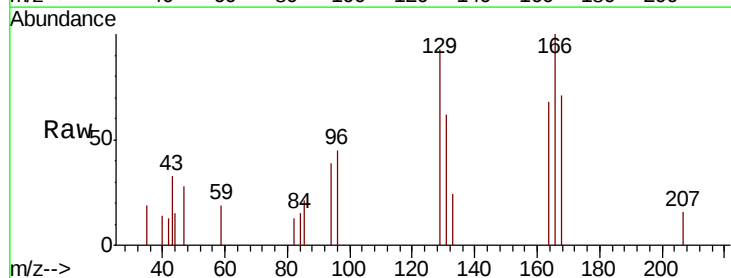
Tot Ion: 75 Resp: 2843
 Ion Ratio Lower Upper
 75 100
 77 37.5 21.3 39.6

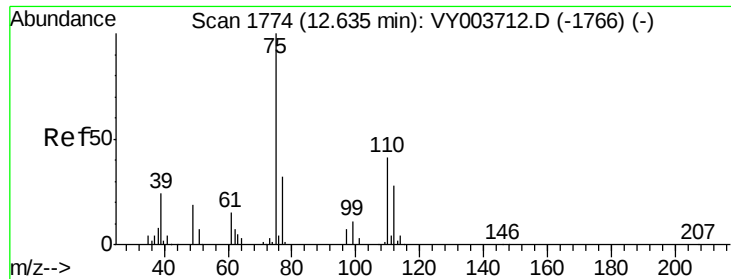


#50

Dibromochloromethane
 Concen: 0.165 ug/L
 RT: 10.72 min Scan# 1459
 Delta R.T. -0.27 min
 Lab File: VY003725.D
 Acq: 10 Dec 2020 18:47

Tgt Ion: 129 Resp: 452
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.8 101.8#





#59

1,2,3-Trichloropropane

Concen: 4.777 ug/L

RT: 13.42 min Scan# 1903

Delta R.T. 0.79 min

Lab File: VY003725.D

Acq: 10 Dec 2020 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VHBLK02

Tot Ion: 75 Resp: 10742

Ion Ratio Lower Upper

75 100

77 32.9 25.9 38.9

