

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003609.D
 Acq On : 24 Nov 2020 16:40
 Operator : SY/MD
 Sample : L4860-04RE
 Misc : 5.27G/10ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 25 06:04:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 06:01:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	78460	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	66130	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	21620	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	28597	33.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	132.28%
7) Chloroethane-d5	2.77	69	23103	28.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.16%
10) 1,1-Dichloroethene-d2	3.86	63	43714	20.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.80%
20) 2-Butanone-d5	6.90	46	12357	28.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.68%
24) Chloroform-d	7.49	84	53278	26.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.84%
26) 1,2-Dichloroethane-d4	8.15	65	27668	24.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.04%
29) Benzene-d6	8.12	84	107269	27.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.36%
33) 1,2-Dichloropropane-d6	9.13	67	31145	27.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.28%
37) Toluene-d8	10.18	98	85053	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.56%
38) trans-1,3-Dichloropropene-	10.44	79	11845	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.04%
39) 2-Hexanone-d5	10.79	63	7870	26.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.58%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	19282	19.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.36%
61) 1,2-Dichlorobenzene-d4	13.72	152	18777	26.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.64%

Target Compounds

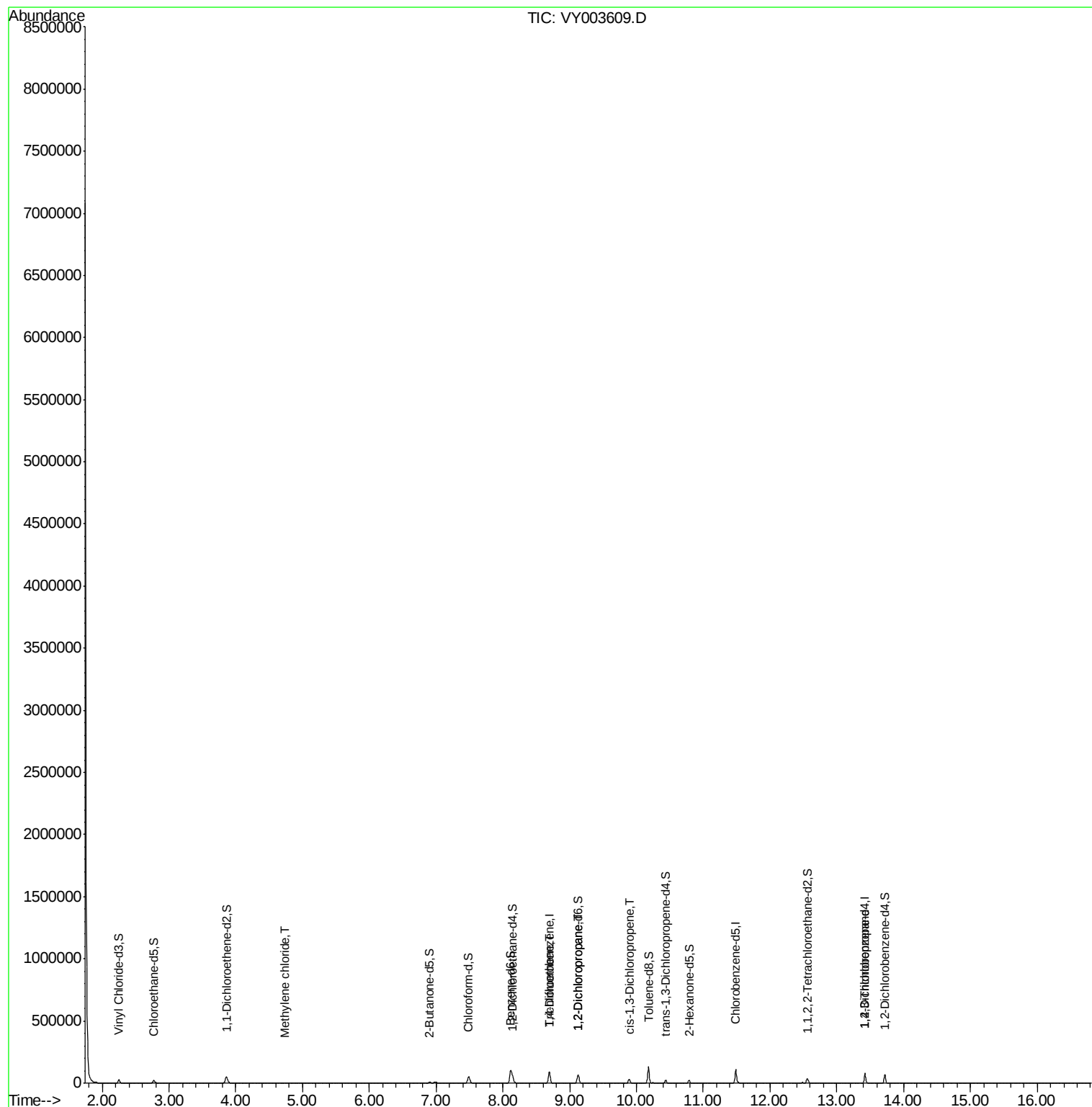
					Ovalue
16) Methylene chloride	4.73	84	2455	1.825 ug/L	78
35) Trichloroethene	8.69	95	2322	2.198 ug/L #	2
40) 1,2-Dichloropropane	9.13	63	3342	3.249 ug/L #	87
42) cis-1,3-Dichloropropene	9.89	75	896	0.552 ug/L	87
59) 1,2,3-Trichloropropane	13.42	75	2558	3.390 ug/L	96

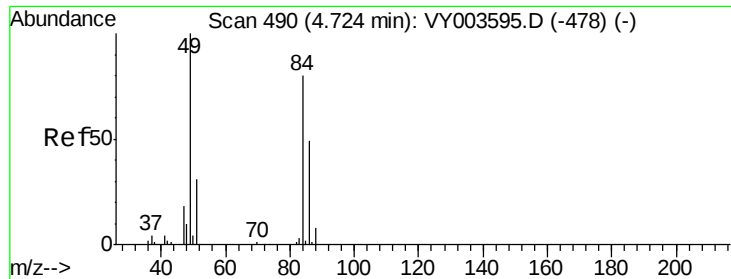
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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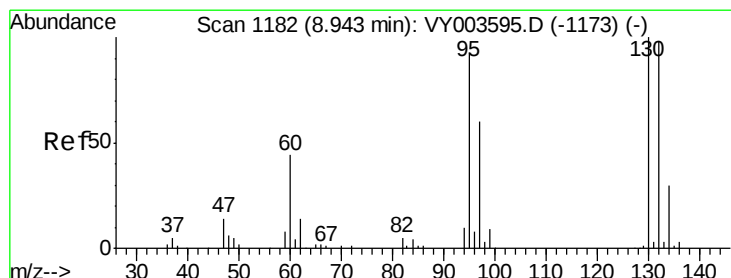
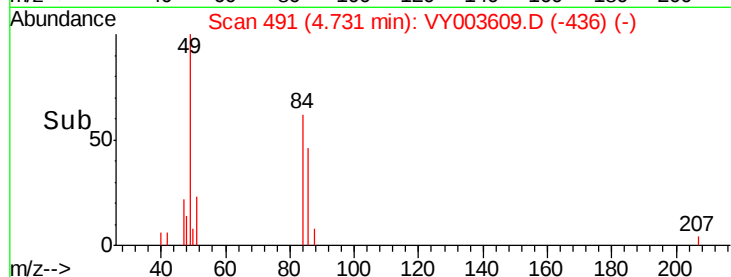
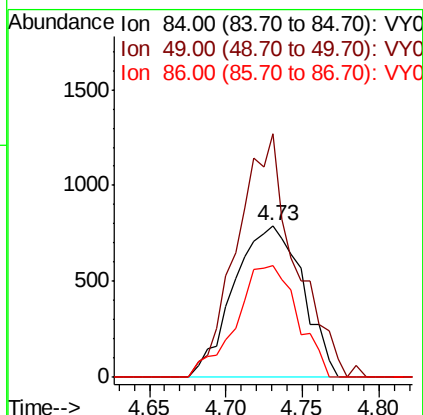
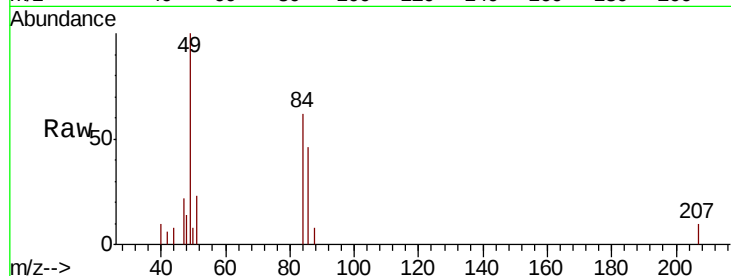




#16
Methvlene chloride
Concen: 1.825 ug/L
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003609.D
Acq: 24 Nov 2020 16:40

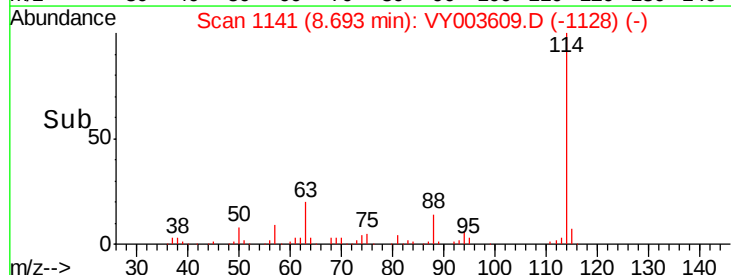
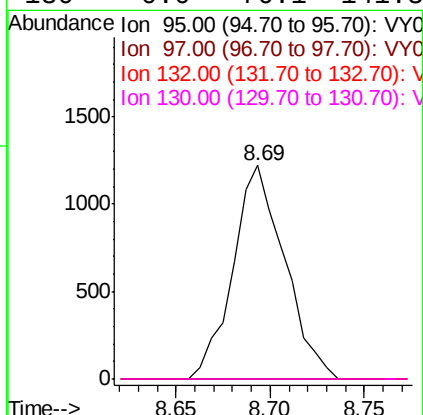
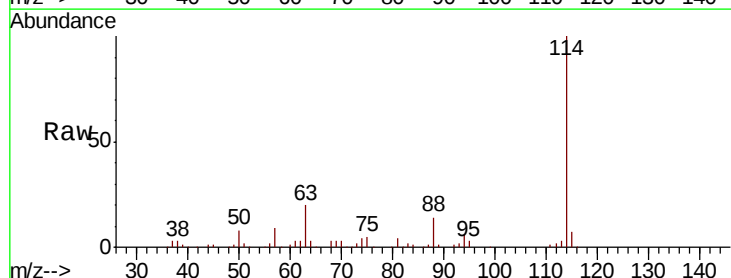
Instrument :
MSVOA_Y
ClientSampleId :

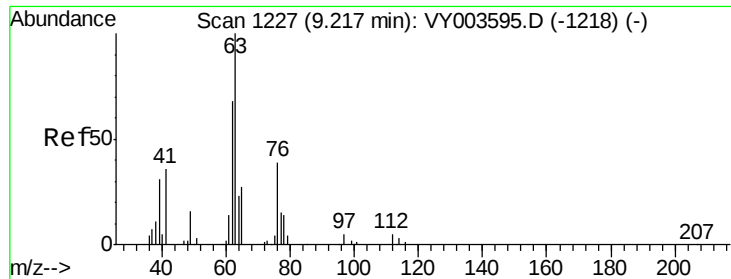
Tot Ion: 84 Resp: 2455
Ion Ratio Lower Upper
84 100
49 160.2 90.3 167.7
86 73.2 44.7 83.1



#35
Trichloroethene
Concen: 2.198 ug/L
RT: 8.69 min Scan# 1141
Delta R.T. -0.25 min
Lab File: VY003609.D
Acq: 24 Nov 2020 16:40

Tgt Ion: 95 Resp: 2322
Ion Ratio Lower Upper
95 100
97 0.0 44.5 82.7#
132 0.0 73.1 135.7#
130 0.0 76.1 141.3#

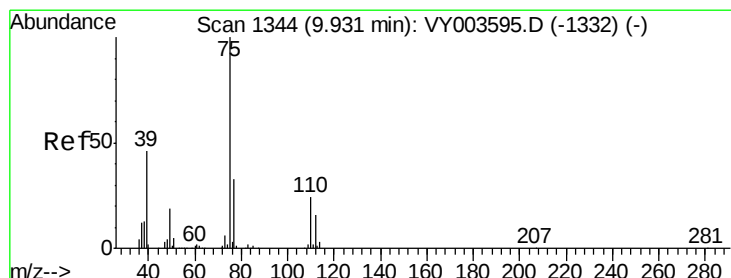
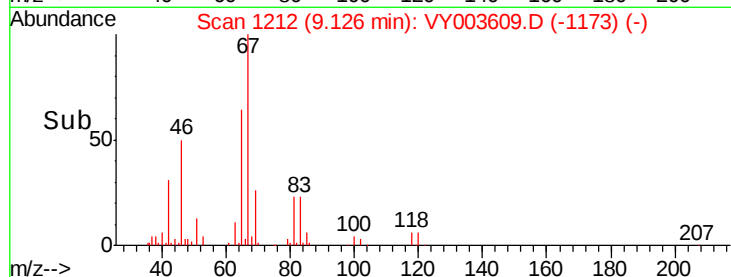
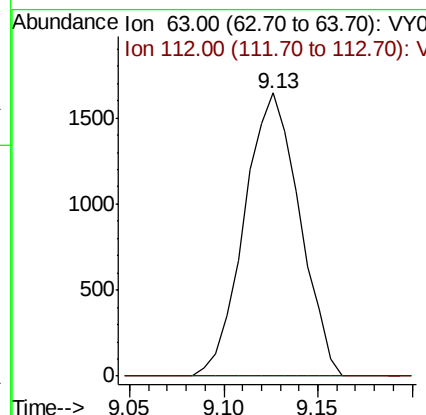
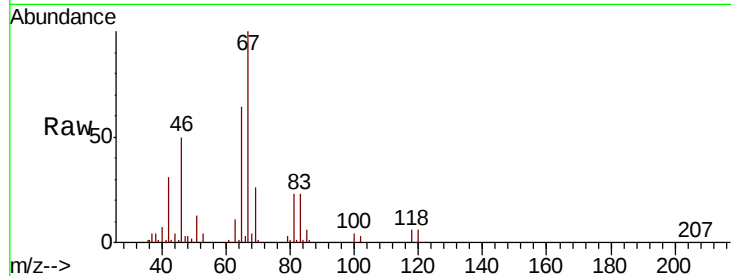




#40
 1,2-Dichloropropane
 Concen: 3.249 ug/L
 RT: 9.13 min Scan# 1212
 Delta R.T. -0.09 min
 Lab File: VY003609.D
 Acq: 24 Nov 2020 16:40

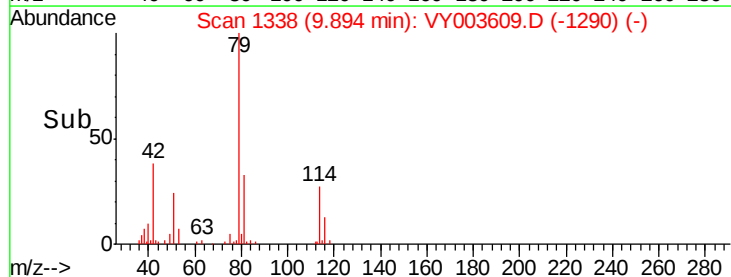
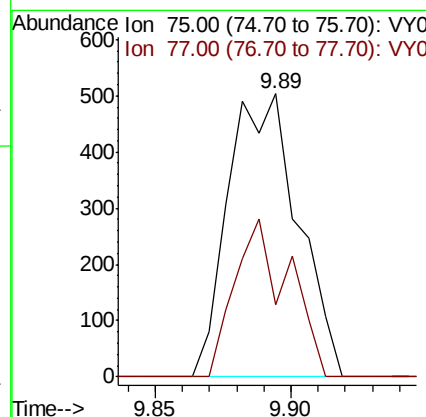
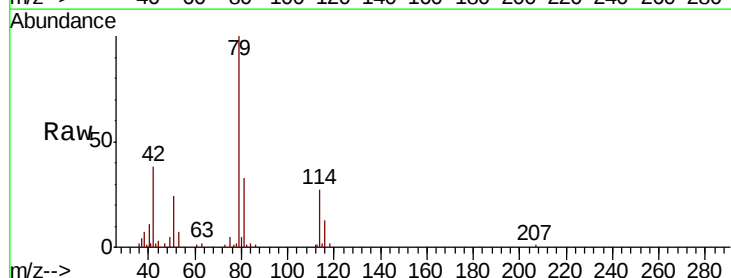
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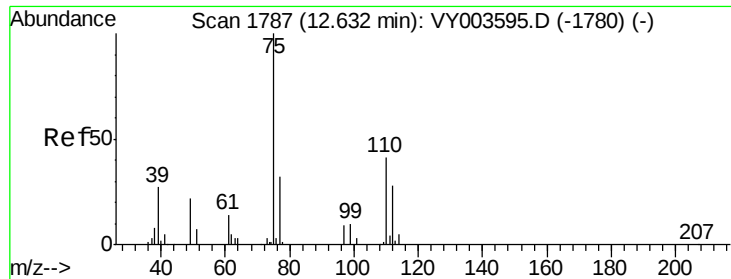
Tot Ion: 63 Resp: 3342
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#42
 cis-1,3-Dichloropropene
 Concen: 0.552 ug/L
 RT: 9.89 min Scan# 1338
 Delta R.T. -0.04 min
 Lab File: VY003609.D
 Acq: 24 Nov 2020 16:40

Tgt Ion: 75 Resp: 896
 Ion Ratio Lower Upper
 75 100
 77 25.6 23.2 43.0





#59

1,2,3-Trichloropropane

Concen: 3.390 ug/L

RT: 13.42 min Scan# 1916

Delta R.T. 0.79 min

Lab File: VY003609.D

Acq: 24 Nov 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 2558

Ion Ratio Lower Upper

75 100

77 34.8 26.2 39.2

