

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121920\
 Data File : VY003826.D
 Acq On : 19 Dec 2020 12:10
 Operator : SY/MD
 Sample : L5151-09
 Misc : 5.05G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 02:34:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 02:32:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	246590	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	227515	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	113414	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	86105	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.36%
7) Chloroethane-d5	2.77	69	66237	26.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.60%
10) 1,1-Dichloroethene-d2	3.86	63	120431	17.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.12%
20) 2-Butanone-d5	6.91	46	55200	37.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.28%
24) Chloroform-d	7.48	84	142645	22.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.08%
26) 1,2-Dichloroethane-d4	8.15	65	80100	22.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.48%
29) Benzene-d6	8.12	84	319076	24.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.92%
33) 1,2-Dichloropropane-d6	9.12	67	89346	21.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.16%
37) Toluene-d8	10.18	98	293604	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.52%
38) trans-1,3-Dichloropropene-	10.44	79	43770	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.60%
39) 2-Hexanone-d5	10.79	63	46239	40.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.78%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	79606	22.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.84%
61) 1,2-Dichlorobenzene-d4	13.72	152	105375	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

Target Compounds

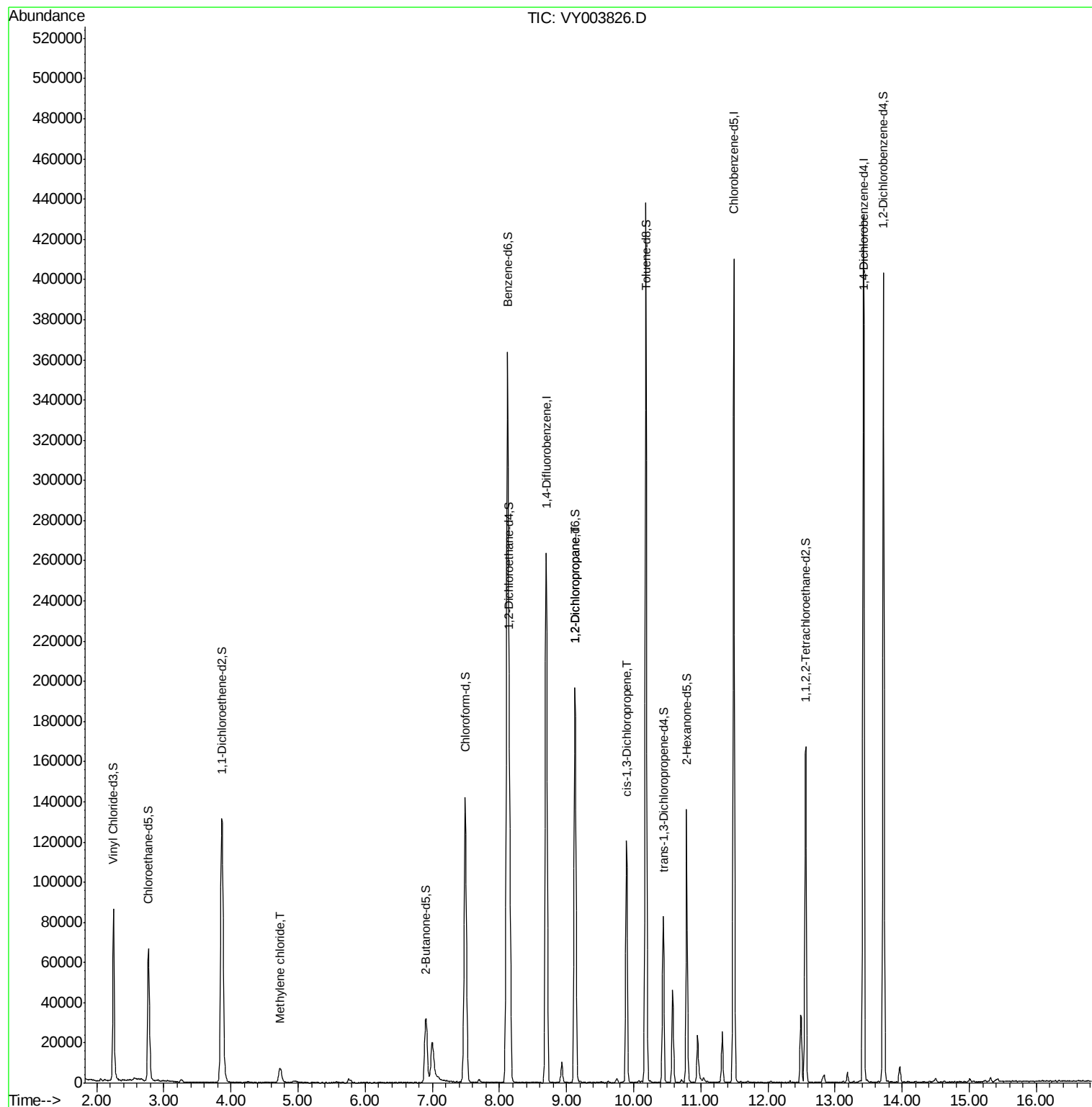
					Ovalue
16) Methylene chloride	4.73	84	5900	1.333 ug/L #	69
40) 1,2-Dichloropropane	9.12	63	9798	2.611 ug/L #	87
42) cis-1,3-Dichloropropene	9.89	75	3799	0.637 ug/L	89

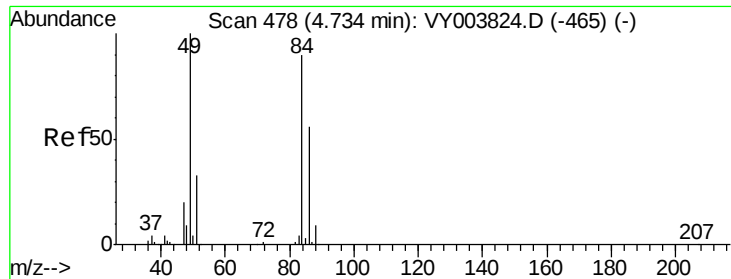
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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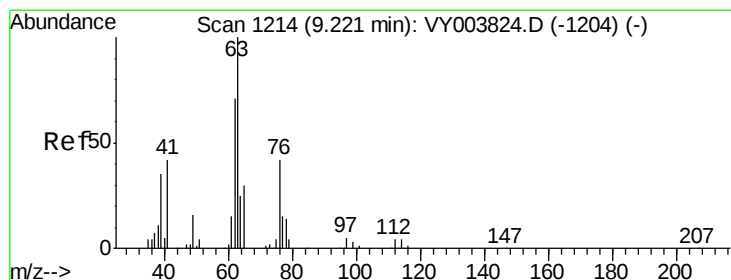
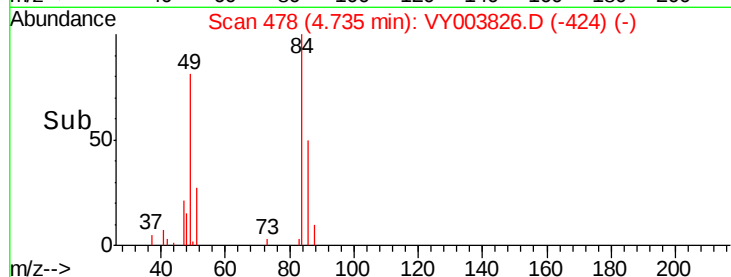
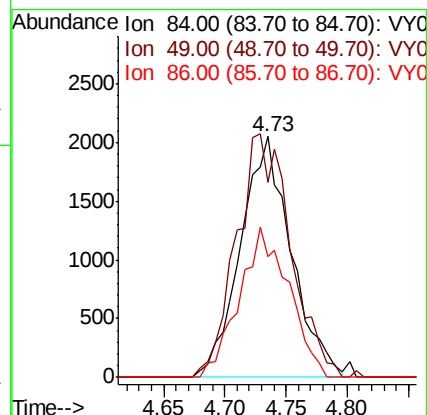
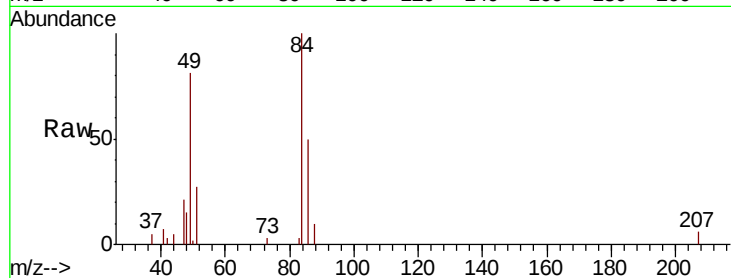




#16
Methvlene chloride
Concen: 1.333 ug/L
RT: 4.73 min Scan# 478
Delta R.T. 0.00 min
Lab File: VY003826.D
Acq: 19 Dec 2020 12:10

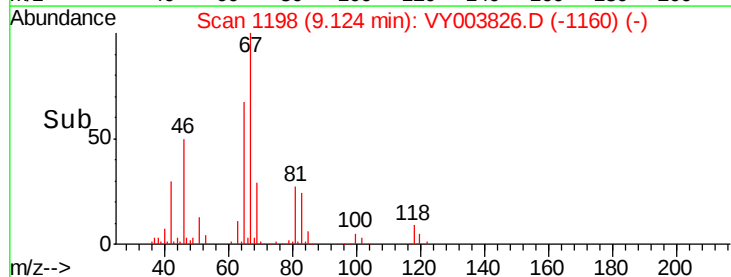
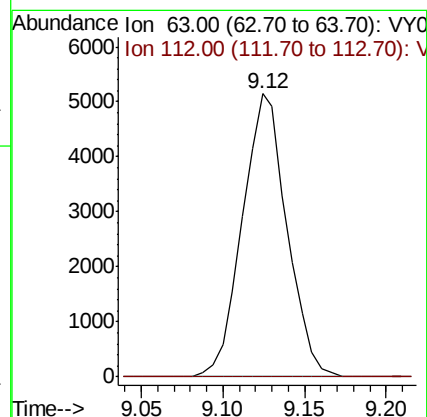
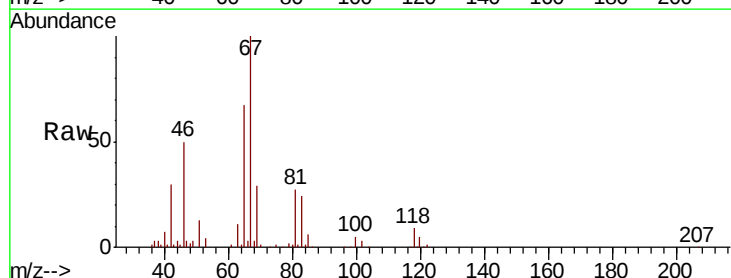
Instrument :
MSVOA_Y
ClientSampleId :

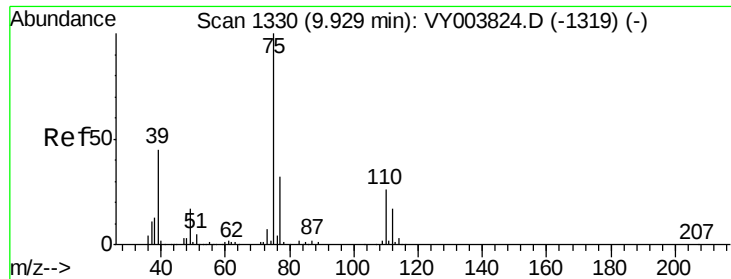
Tot Ion: 84 Resp: 5900
Ion Ratio Lower Upper
84 100
49 81.0 88.2 163.8#
86 50.2 43.0 79.8



#40
1,2-Dichloropropane
Concen: 2.611 ug/L
RT: 9.12 min Scan# 1198
Delta R.T. -0.10 min
Lab File: VY003826.D
Acq: 19 Dec 2020 12:10

Tgt Ion: 63 Resp: 9798
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#42
 cis-1,3-Dichloropropene
 Concen: 0.637 ug/L
 RT: 9.89 min Scan# 1324
 Delta R.T. -0.04 min
 Lab File: VY003826.D
 Acq: 19 Dec 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 3799
 Ion Ratio Lower Upper
 75 100
 77 36.7 21.3 39.6

