

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081020\
 Data File : VW016107.D
 Acq On : 10 Aug 2020 17:30
 Operator : SY/VA
 Sample : L3579-05
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 11 01:21:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:19:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	389137	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367633	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152005	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114692	23.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.08%
7) Chloroethane-d5	2.89	69	85571	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.48%
10) 1,1-Dichloroethene-d2	4.01	63	187644	18.31	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.24%
20) 2-Butanone-d5	7.09	46	53106	41.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.66%
24) Chloroform-d	7.65	84	239025	22.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.56%
26) 1,2-Dichloroethane-d4	8.31	65	128395	23.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.60%
29) Benzene-d6	8.27	84	471375	23.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.28%
33) 1,2-Dichloropropane-d6	9.27	67	132341	22.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.00%
37) Toluene-d8	10.32	98	426622	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.04%
38) trans-1,3-Dichloropropene-	10.58	79	56897	21.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.12%
39) 2-Hexanone-d5	10.93	63	42330	41.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100880	21.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	130226	24.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.68%

Target Compounds

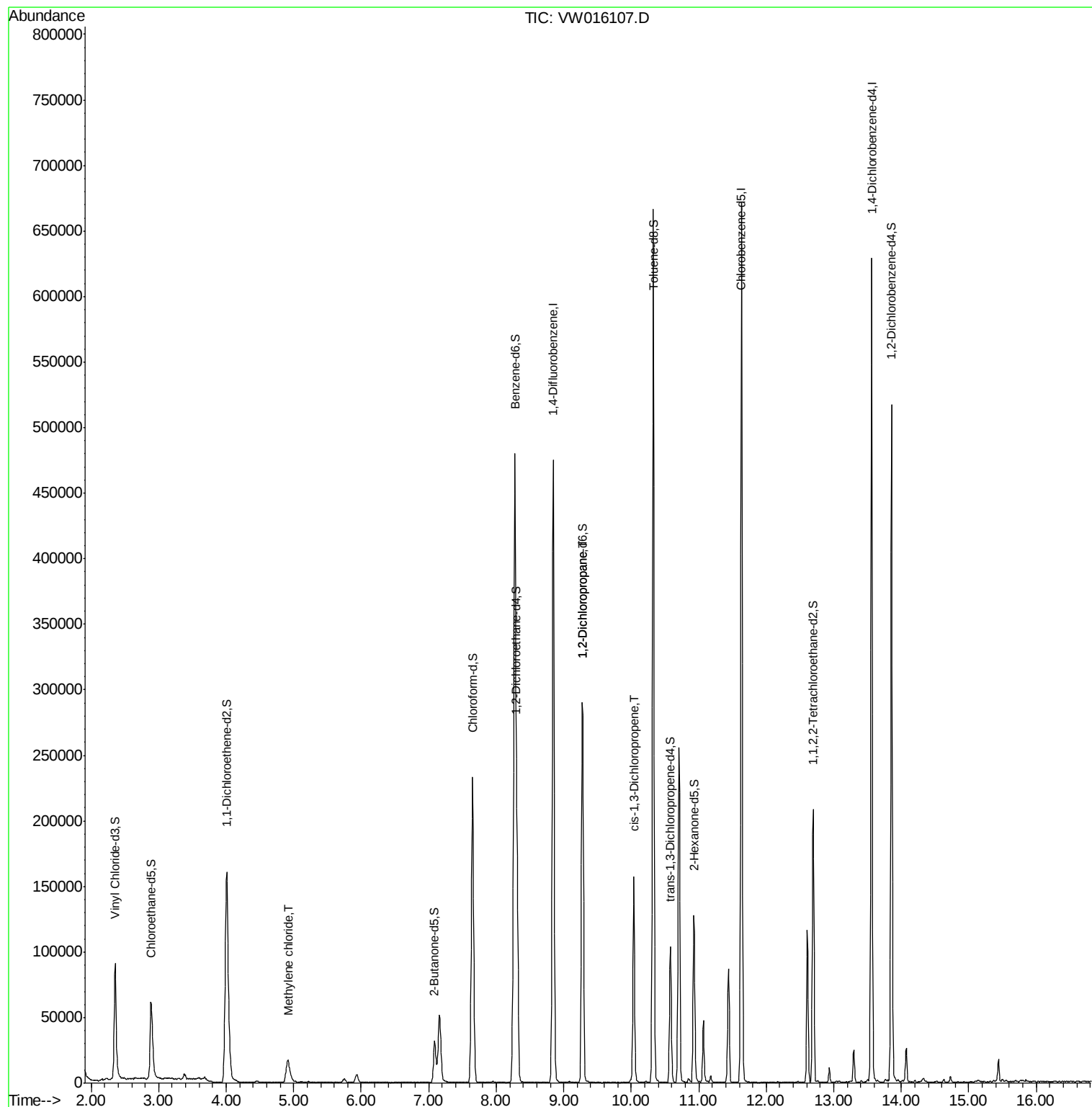
					Ovalue
16) Methylene chloride	4.92	84	14445	2.351 ug/L	96
40) 1,2-Dichloropropane	9.27	63	15872	3.049 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	4156	0.524 ug/L #	73

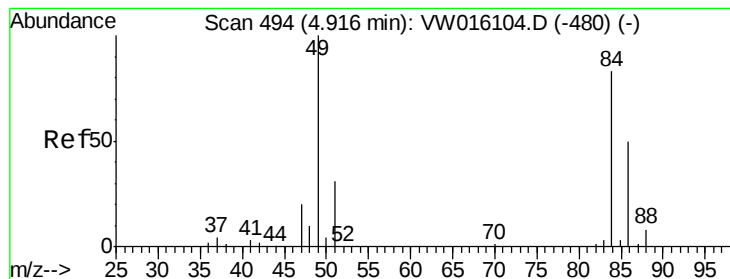
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.351 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016107.D

Acq: 10 Aug 2020 17:30

Instrument :

MSVOA_W

ClientSampleId :

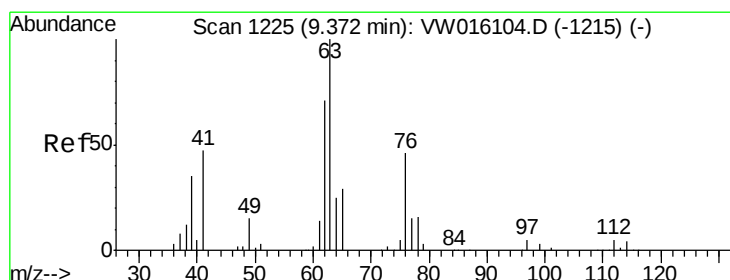
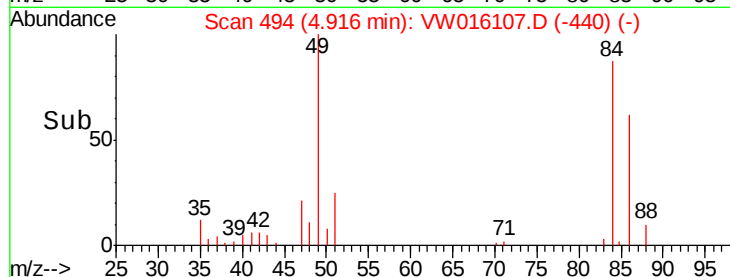
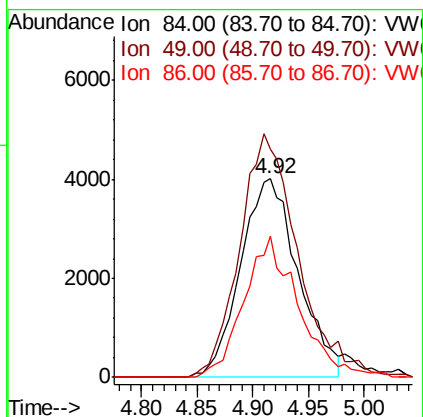
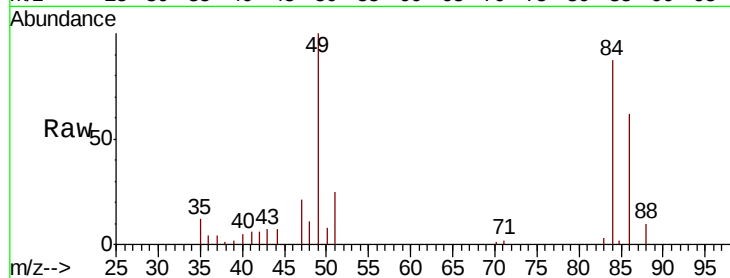
Tot Ion: 84 Resp: 14445

Ion Ratio Lower Upper

84 100

49 114.6 80.4 149.4

86 70.8 43.8 81.3



#40

1,2-Dichloropropane

Concen: 3.049 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016107.D

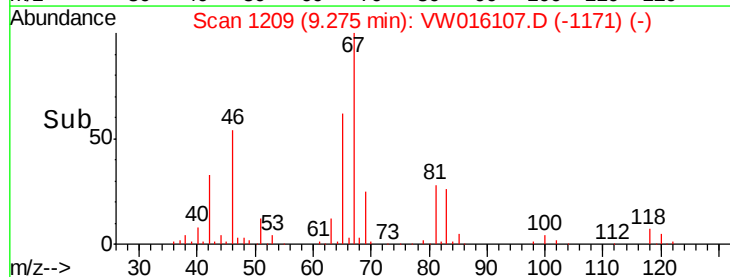
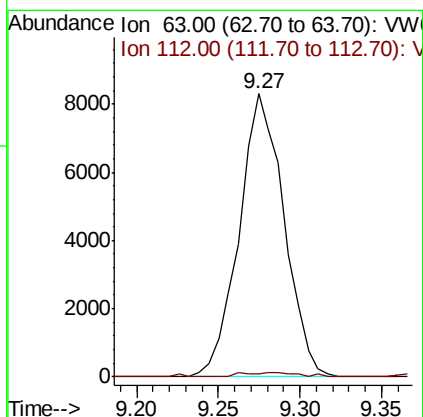
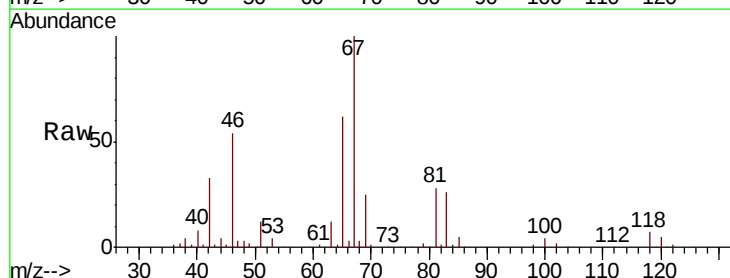
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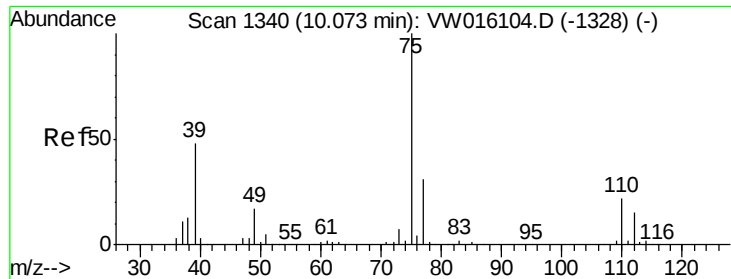
Tgt Ion: 63 Resp: 15872

Ion Ratio Lower Upper

63 100

112 1.0 4.0 6.0#





#42
 cis-1,3-Dichloropropene
 Concen: 0.524 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016107.D
 Acq: 10 Aug 2020 17:30

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 4156
 Ion Ratio Lower Upper
 75 100
 77 47.6 22.9 42.5#

