

Data File : VW017392.D
Acq On : 20 Nov 2020 00:20
Operator : SY/VA
Sample : L4794-14
Misc : 5.66G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BD6

Quant Time: Nov 20 04:39:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 04:37:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	453718	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	408521	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184464	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	141875	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.48%
7) Chloroethane-d5	2.89	69	118868	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.12%
10) 1,1-Dichloroethene-d2	4.02	63	194045	16.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.04%
20) 2-Butanone-d5	7.08	46	45941	41.65	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.30%
24) Chloroform-d	7.65	84	279361	23.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	8.31	65	133254	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.56%
29) Benzene-d6	8.27	84	555018	24.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.40%
33) 1,2-Dichloropropane-d6	9.27	67	150803	24.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.32%
37) Toluene-d8	10.33	98	529204	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.64%
38) trans-1,3-Dichloropropene-	10.58	79	58505	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.60%
39) 2-Hexanone-d5	10.93	63	35490	43.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106538	22.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	173678	25.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.00%

Target Compounds

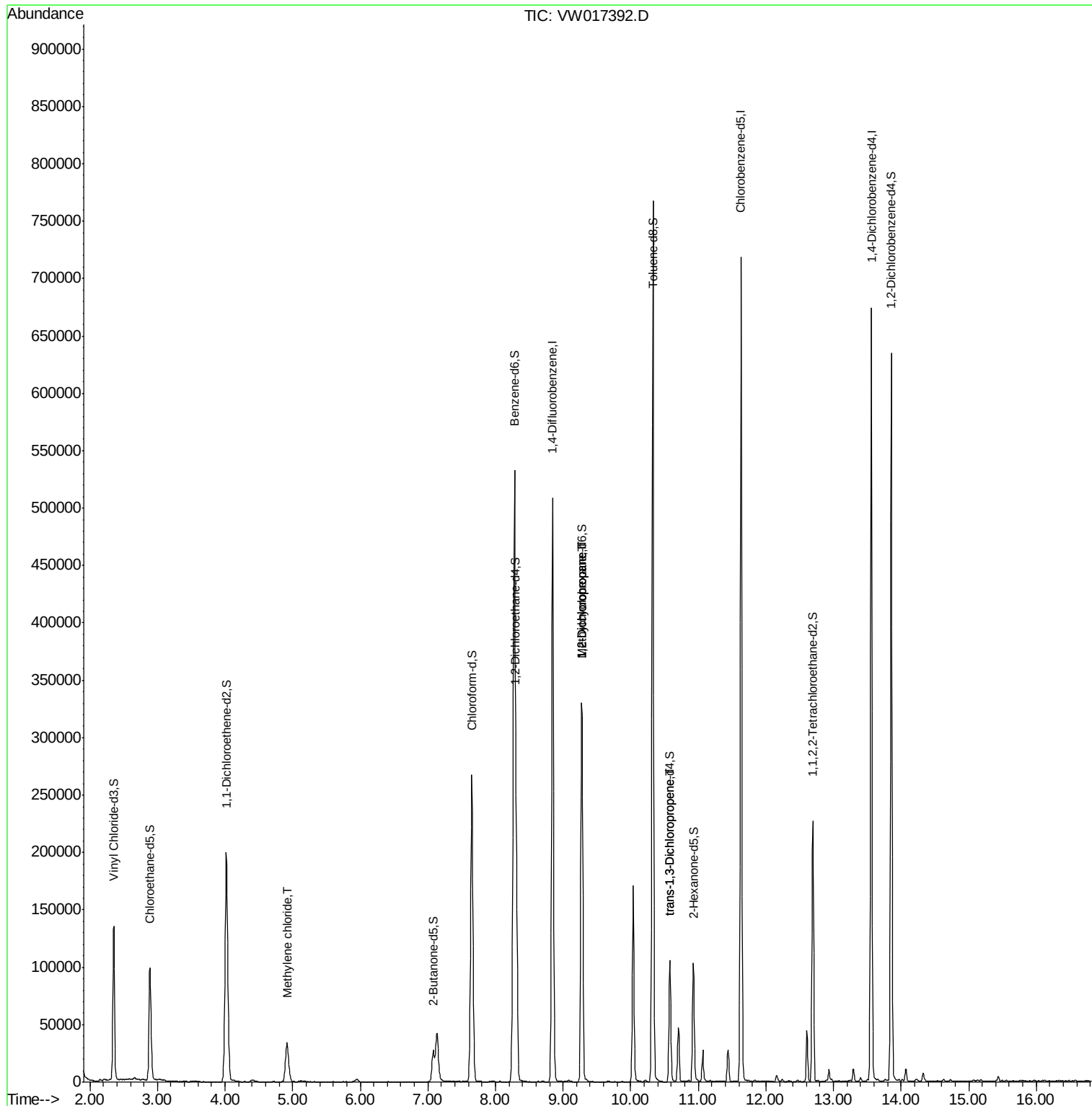
					Qvalue
16) Methylene chloride	4.92	84	29469	3.797 ug/L	99
36) Methylcyclohexane	9.28	83	40307	3.864 ug/L #	21
40) 1,2-Dichloropropane	9.27	63	17531	3.358 ug/L #	85
45) trans-1,3-Dichloropropene	10.58	75	2925	0.426 ug/L #	83

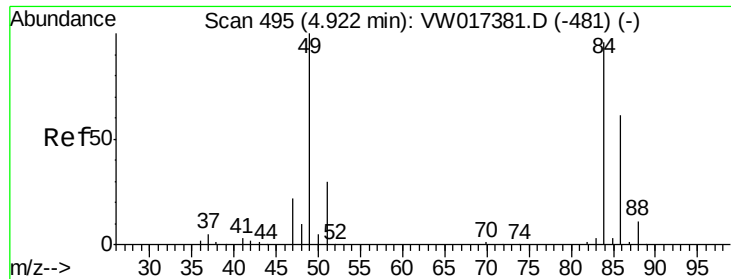
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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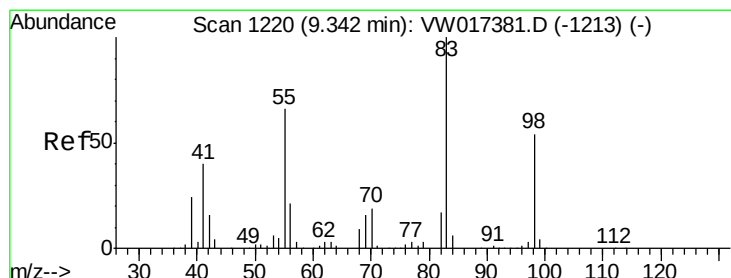
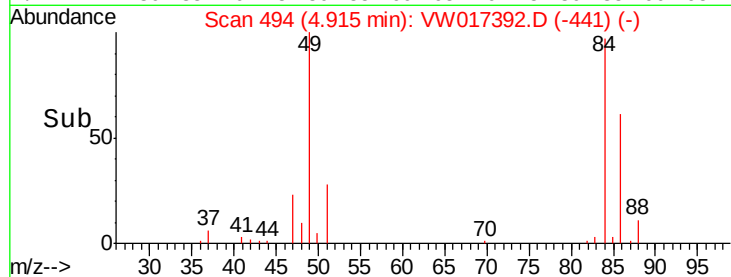
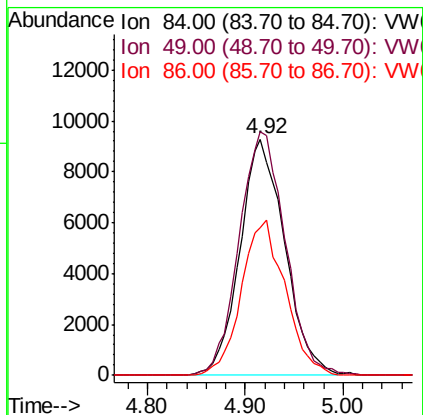
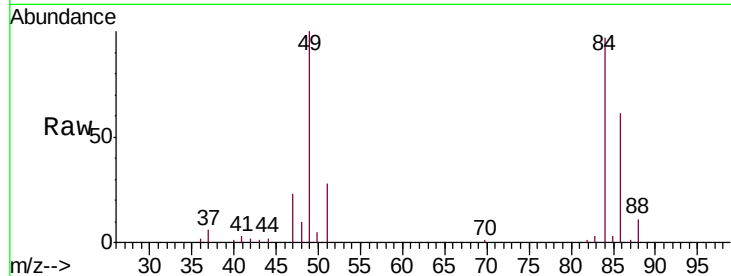




#16
Methylene chloride
Concen: 3.797 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
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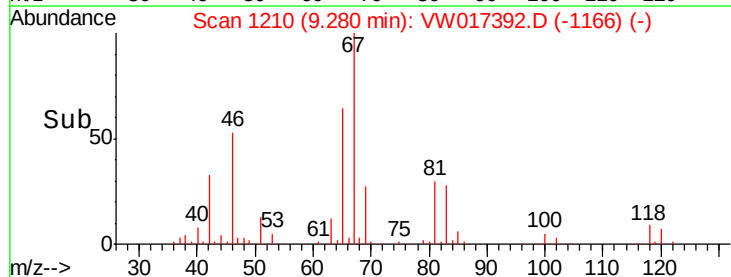
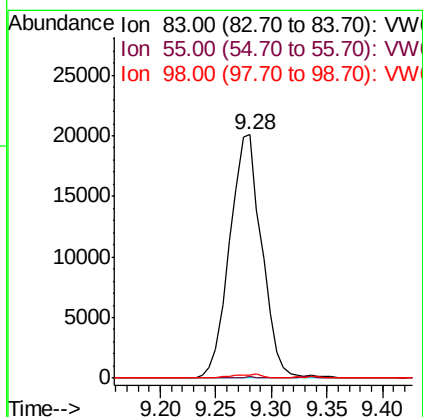
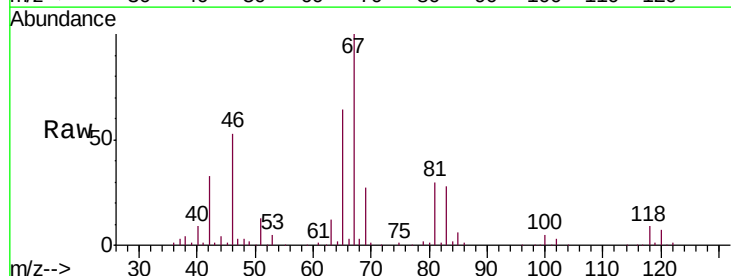
Instrument :
MSVOA_W
ClientSampleId :
C0BD6

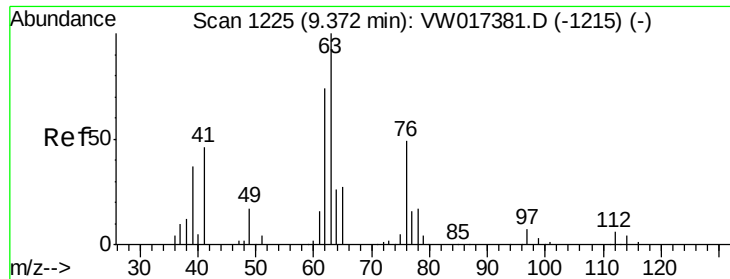
Tgt Ion: 84 Resp: 29469
Ion Ratio Lower Upper
84 100
49 103.1 71.5 132.9
86 62.6 42.8 79.4



#36
Methylcyclohexane
Concen: 3.864 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW017392.D
Acq: 20 Nov 2020 00:20

Tgt Ion: 83 Resp: 40307
Ion Ratio Lower Upper
83 100
55 0.3 54.6 81.8#
98 0.8 41.5 62.3#





#40

1,2-Dichloropropane

Concen: 3.358 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017392.D

Acq: 20 Nov 2020 00:20

Instrument :

MSVOA_W

ClientSampleId :

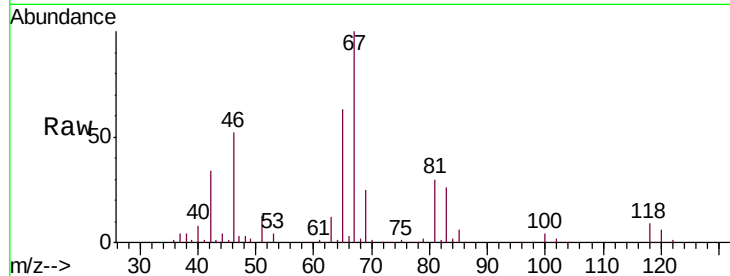
C0BD6

Tgt Ion: 63 Resp: 17531

Ion Ratio Lower Upper

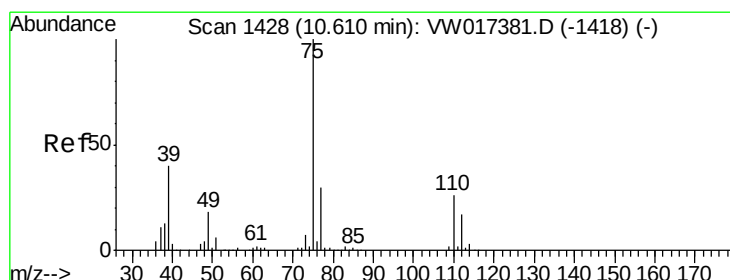
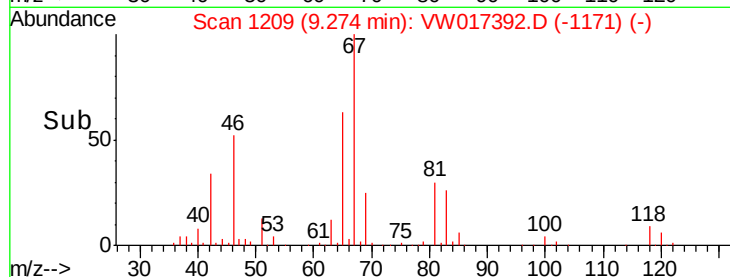
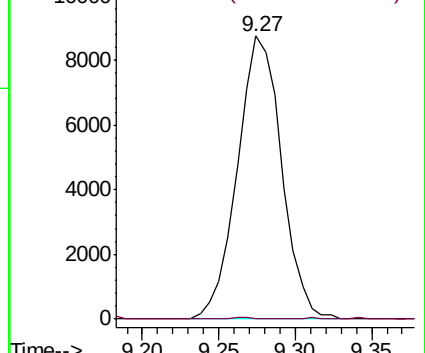
63 100

112 0.3 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#45

trans-1,3-Dichloropropene

Concen: 0.426 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

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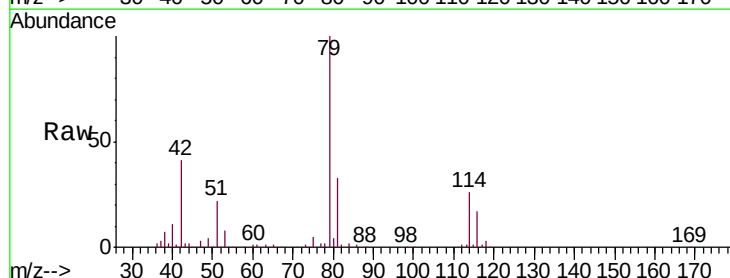
Acq: 20 Nov 2020 00:20

Tgt Ion: 75 Resp: 2925

Ion Ratio Lower Upper

75 100

77 40.9 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

