

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017578.D
 Acq On : 07 Dec 2020 14:42
 Operator : SY/VA
 Sample : L4955-04
 Misc : 4.20G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4J9

Quant Time: Dec 08 06:48:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 06:44:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	421516	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	396937	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196795	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	102808	18.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.04%
7) Chloroethane-d5	2.89	69	94292	19.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.36%
10) 1,1-Dichloroethene-d2	4.03	63	186820	14.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.64%
20) 2-Butanone-d5	7.08	46	56886	46.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.56%
24) Chloroform-d	7.65	84	278257	22.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	8.42	65	140	0.02	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.28	84	527617	21.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.92%
33) 1,2-Dichloropropane-d6	9.28	67	153050	22.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.12%
37) Toluene-d8	10.33	98	482384	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.64%
38) trans-1,3-Dichloropropene-	10.58	79	62341	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.84%
39) 2-Hexanone-d5	10.93	63	35419	40.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113754	22.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	170461	22.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.80%

Target Compounds

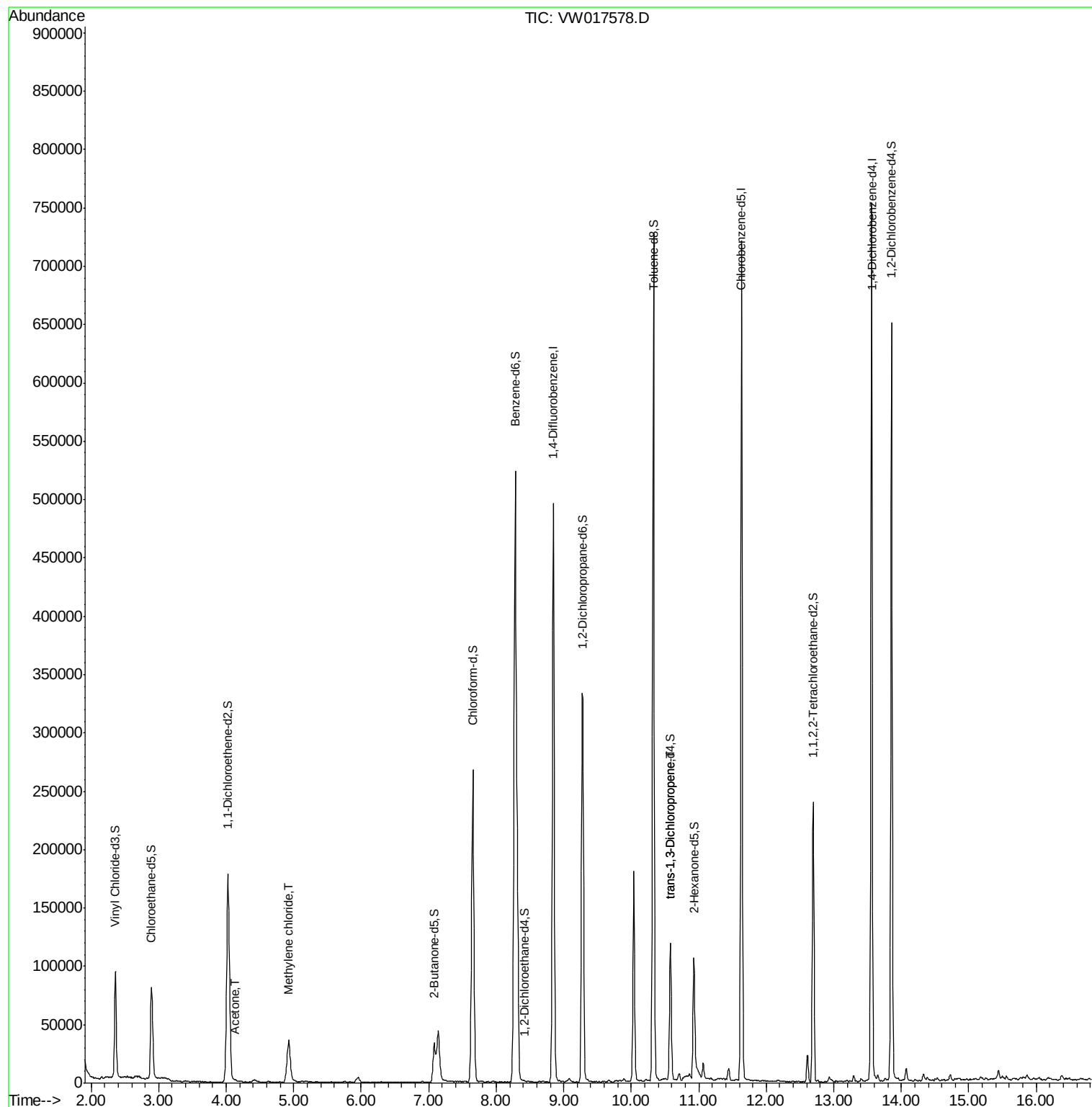
					Ovalue
13) Acetone	4.12	43	992	0.838 ug/L	89
16) Methylene chloride	4.92	84	29764	4.683 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	3390	0.447 ug/L	100

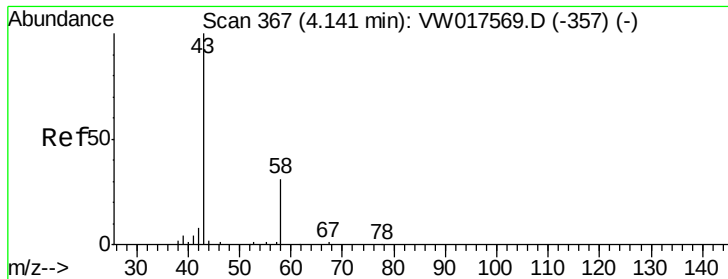
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.838 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

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Acq: 07 Dec 2020 14:42

Instrument :

MSVOA_W

ClientSampled :

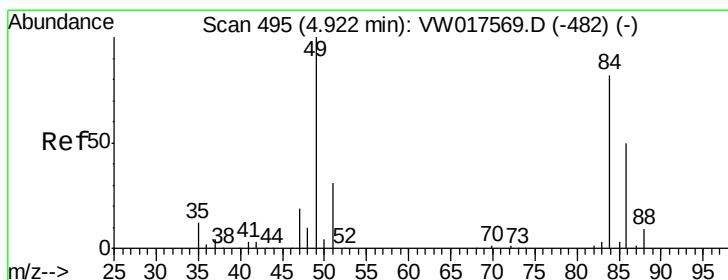
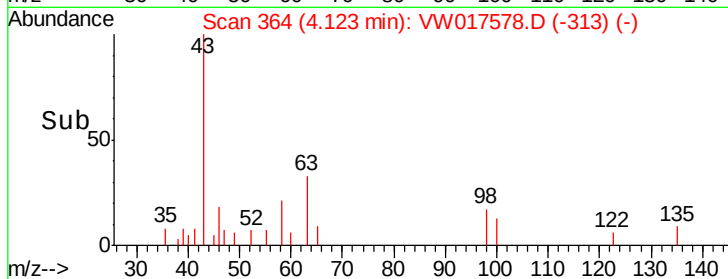
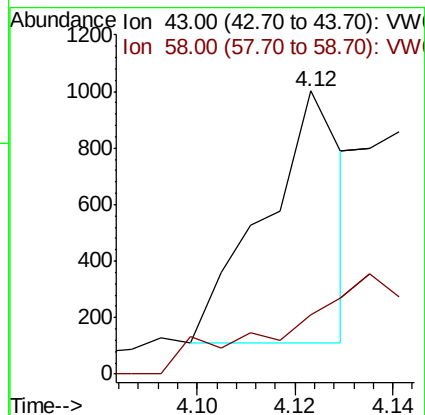
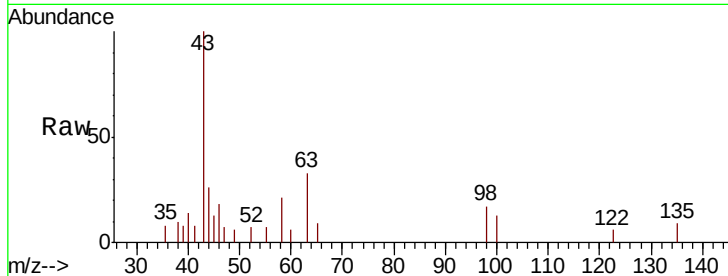
BG4J9

Tot Ion: 43 Resp: 992

Ion Ratio Lower Upper

43 100

58 40.7 0.0 68.4



#16

Methylene chloride

Concen: 4.683 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

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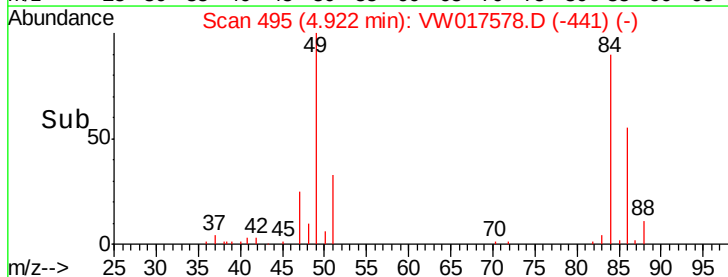
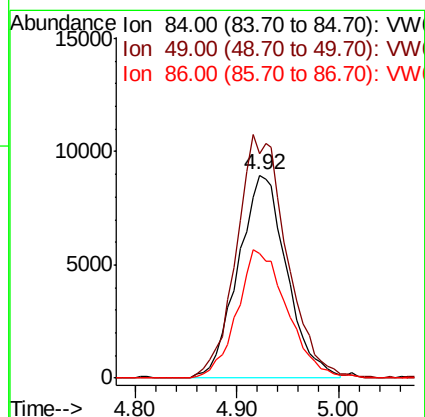
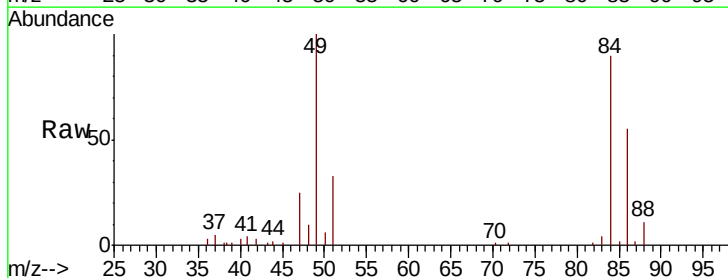
Tgt Ion: 84 Resp: 29764

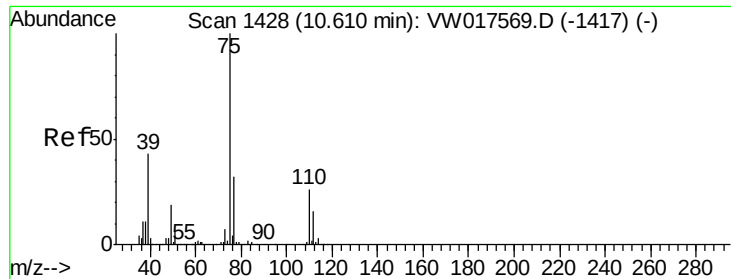
Ion Ratio Lower Upper

84 100

49 110.8 81.2 150.8

86 61.4 44.5 82.7





#45

trans-1,3-Dichloropropene

Concen: 0.447 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017578.D

Acq: 07 Dec 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

BG4J9

Tot Ion: 75 Resp: 3390

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0

