

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011725\
 Data File : VW031563.D
 Acq On : 17 Jan 2025 10:05
 Operator : SY/MD
 Sample : VW0117SBL01
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 18 00:37:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jan 18 00:35:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

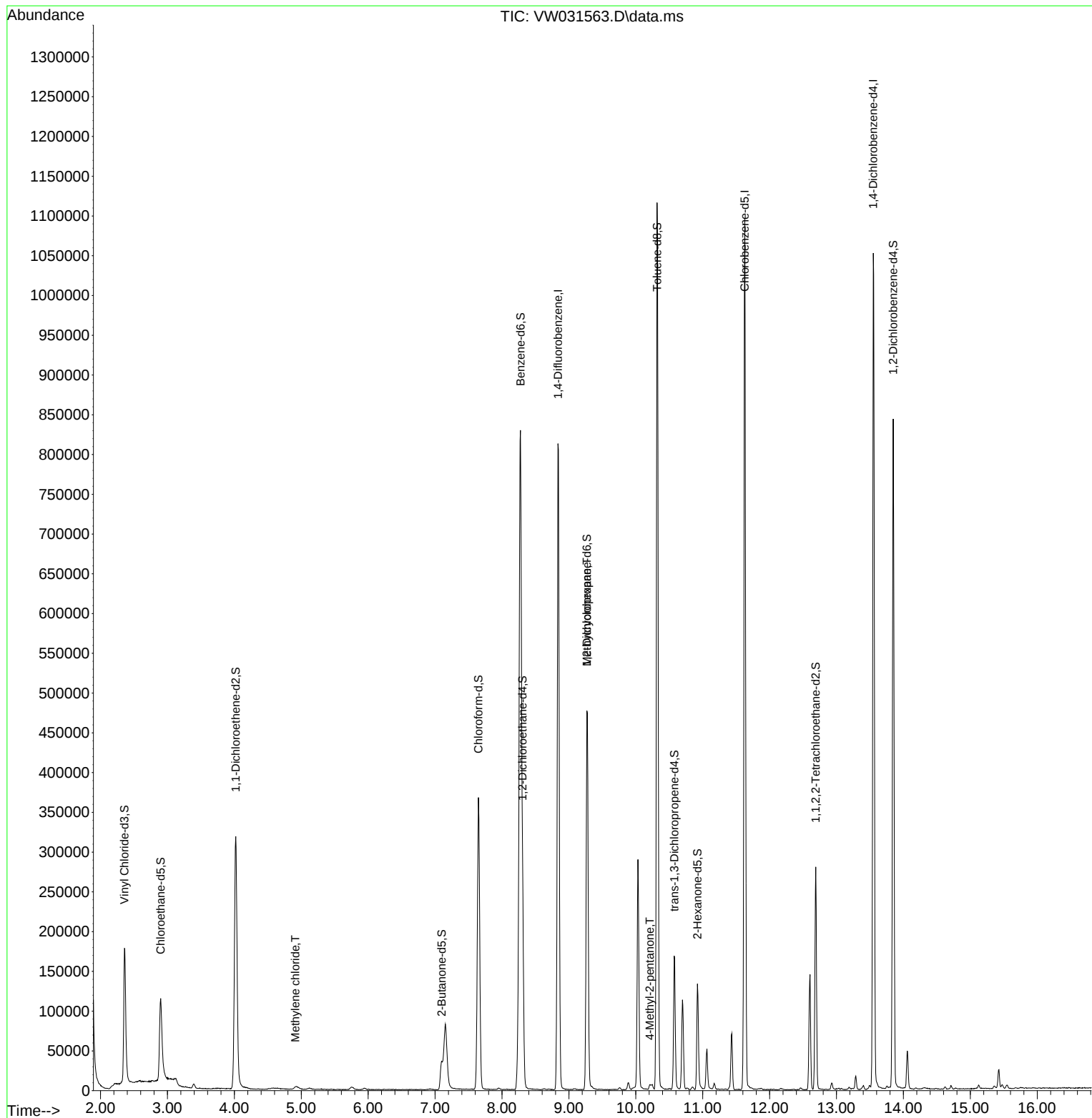
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	684660	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	593476	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	275264	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	229856	21.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.560%
7) Chloroethane-d5	2.899	69	161661	21.070	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.280%
11) 1,1-Dichloroethene-d2	4.021	65	104966	21.959	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.840%
21) 2-Butanone-d5	7.099	46	70413	40.771	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.540%
24) Chloroform-d	7.648	84	376146	21.228	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.920%
26) 1,2-Dichloroethane-d4	8.307	65	192497	22.072	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.280%
32) Benzene-d6	8.276	84	822193	22.055	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.240%
36) 1,2-Dichloropropane-d6	9.270	67	238257	21.647	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.600%
41) Toluene-d8	10.318	98	744234	22.115	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.480%
43) trans-1,3-Dichloroprop...	10.574	79	95846	21.205	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.840%
47) 2-Hexanone-d5	10.922	63	48790	43.437	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	142811	21.217	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	209242	21.673	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.680%
Target Compounds						Qvalue
16) Methylene chloride	4.911	84	1098	0.118	ug/L	89
35) Methylcyclohexane	9.270	83	55605	2.840	ug/L #	18
40) 4-Methyl-2-pentanone	10.209	43	5081	0.997	ug/L	94

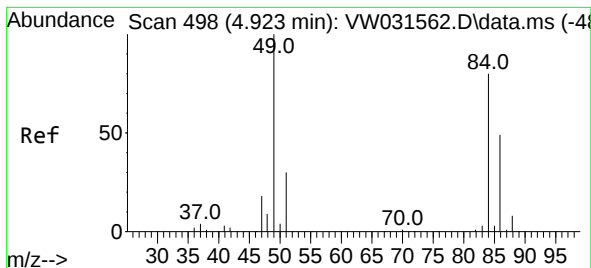
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.118 ug/L

RT: 4.911 min Scan# 49

Delta R.T. -0.012 min

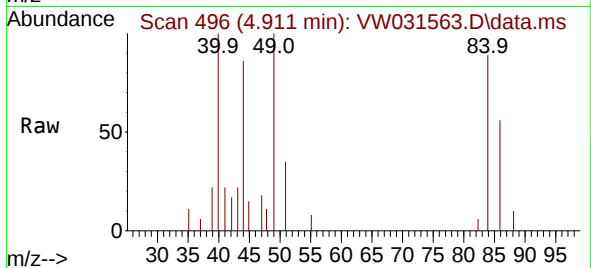
Lab File: VW031563.D

Acq: 17 Jan 2025 10:05

Instrument :

MSVOA_W

ClientSampleId :



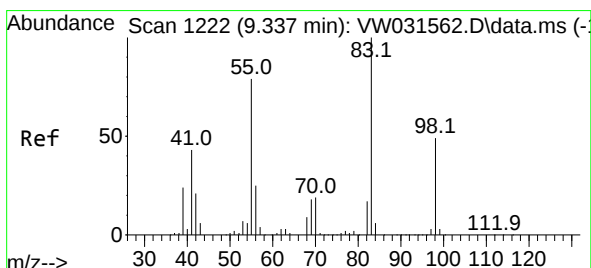
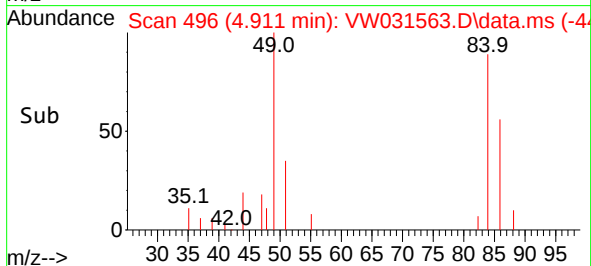
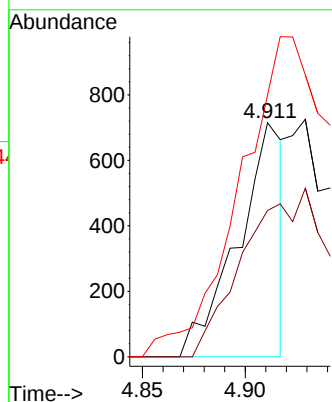
Tgt Ion: 84 Resp: 1098

Ion Ratio Lower Upper

84 100

86 62.5 47.0 87.2

49 111.9 89.8 166.8



#35

Methylcyclohexane

Concen: 2.840 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.067 min

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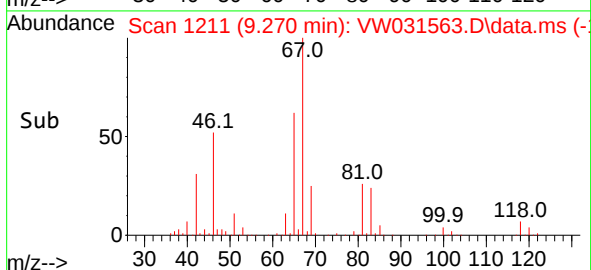
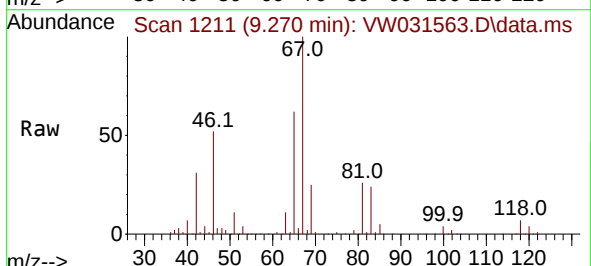
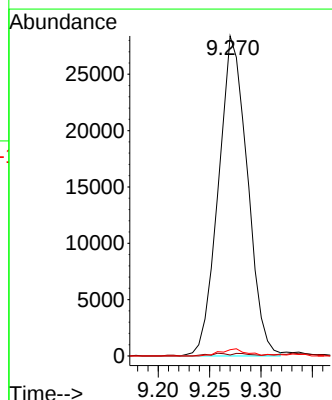
Tgt Ion: 83 Resp: 55605

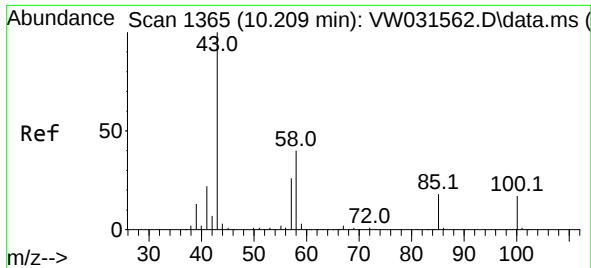
Ion Ratio Lower Upper

83 100

55 0.5 63.4 95.2#

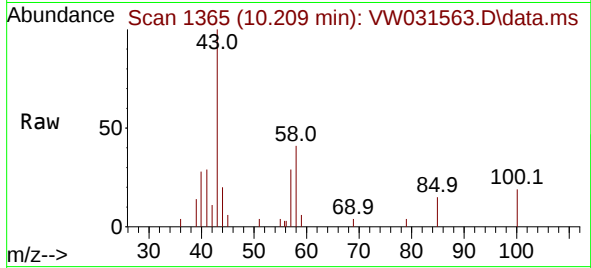
98 2.0 38.8 58.2#





#40
 4-Methyl-2-pentanone
 Concen: 0.997 ug/L
 RT: 10.209 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW031563.D
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Tgt Ion:	43	Resp:	5081
Ion	Ratio	Lower	Upper
43	100		
58	35.6	31.4	47.2
100	12.3	12.3	18.5

