

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070124\
 Data File : VW036364.D
 Acq On : 01 Jul 2024 10:50
 Operator : SY/MD
 Sample : P3035-15
 Misc : 4.61g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 12:14:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 05:19:46 2024
 Response via : Initial Calibration

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

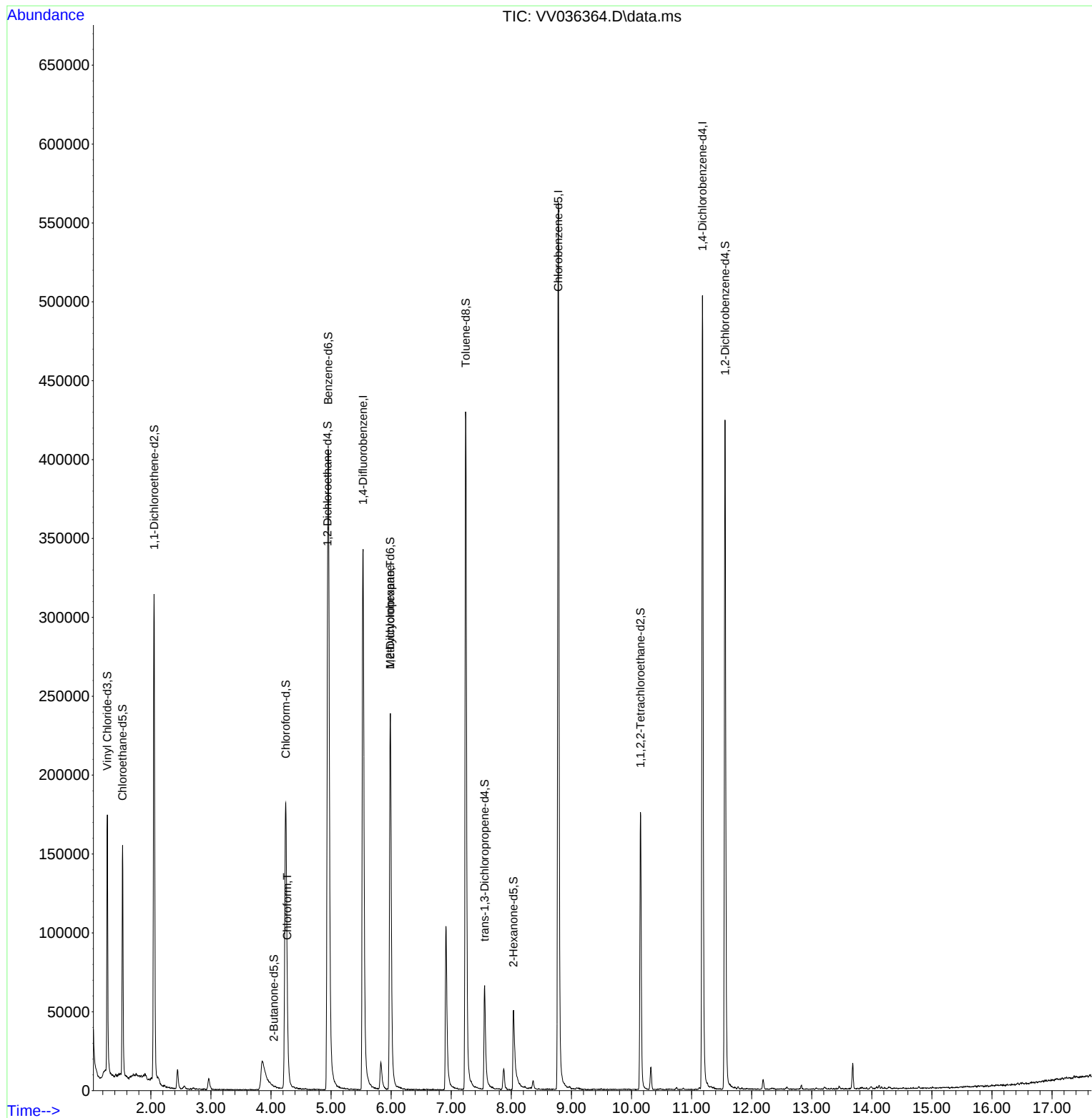
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	310054	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	324433	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	136169	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	107477	20.411	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.640%
7) Chloroethane-d5	1.529	69	95343	22.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.680%
11) 1,1-Dichloroethene-d2	2.053	65	52355	21.150	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.600%
21) 2-Butanone-d5	4.047	46	221	0.181	ug/L	0.21
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.360%#
24) Chloroform-d	4.246	84	202943	22.175	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.680%
26) 1,2-Dichloroethane-d4	4.940	65	107765	22.080	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.320%
32) Benzene-d6	4.953	84	371137	20.265	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.040%
36) 1,2-Dichloropropane-d6	5.985	67	119540	21.700	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.800%
41) Toluene-d8	7.239	98	302386	18.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.240%
43) trans-1,3-Dichloroprop...	7.554	79	42971	17.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.880%
47) 2-Hexanone-d5	8.034	63	18651	21.210	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.420%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	89306	19.777	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.120%
66) 1,2-Dichlorobenzene-d4	11.558	152	113513	22.876	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.520%
Target Compounds						
					Qvalue	
25) Chloroform	4.272	83	5847	0.636	ug/L	97
35) Methylcyclohexane	5.985	83	30088	3.560	ug/L #	21

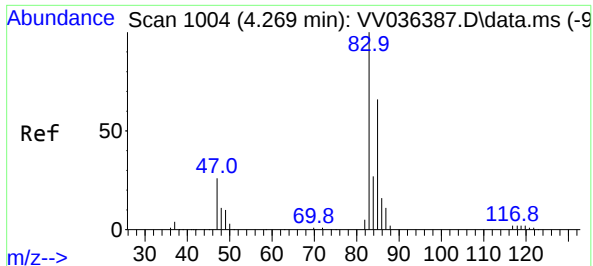
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.636 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

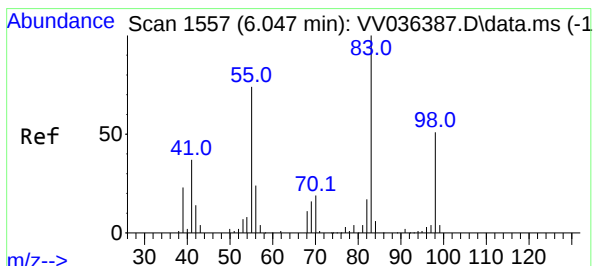
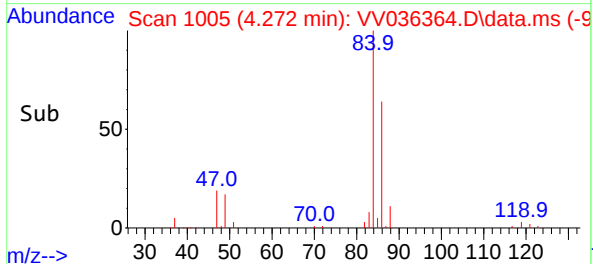
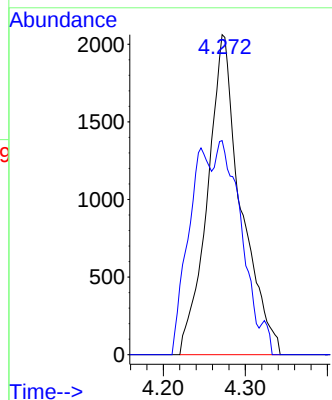
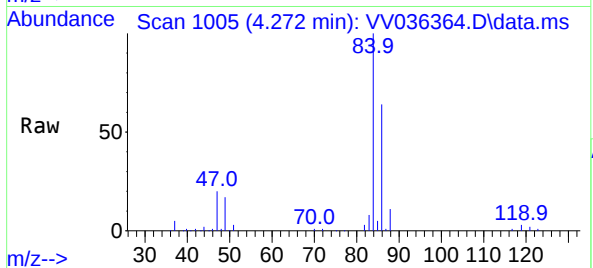
ClientSampleId :

Tgt Ion: 83 Resp: 5847

Ion Ratio Lower Upper

83 100

85 66.9 45.0 83.6



#35

Methylcyclohexane

Concen: 3.560 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.061 min

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Tgt Ion: 83 Resp: 30088

Ion Ratio Lower Upper

83 100

55 0.2 56.0 84.0#

98 0.5 39.0 58.6#

