

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
 Data File : VV036502.D
 Acq On : 12 Jul 2024 12:45
 Operator : SY/MD
 Sample : P3215-02
 Misc : 5.87g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 04:09:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 04:06:53 2024
 Response via : Initial Calibration

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

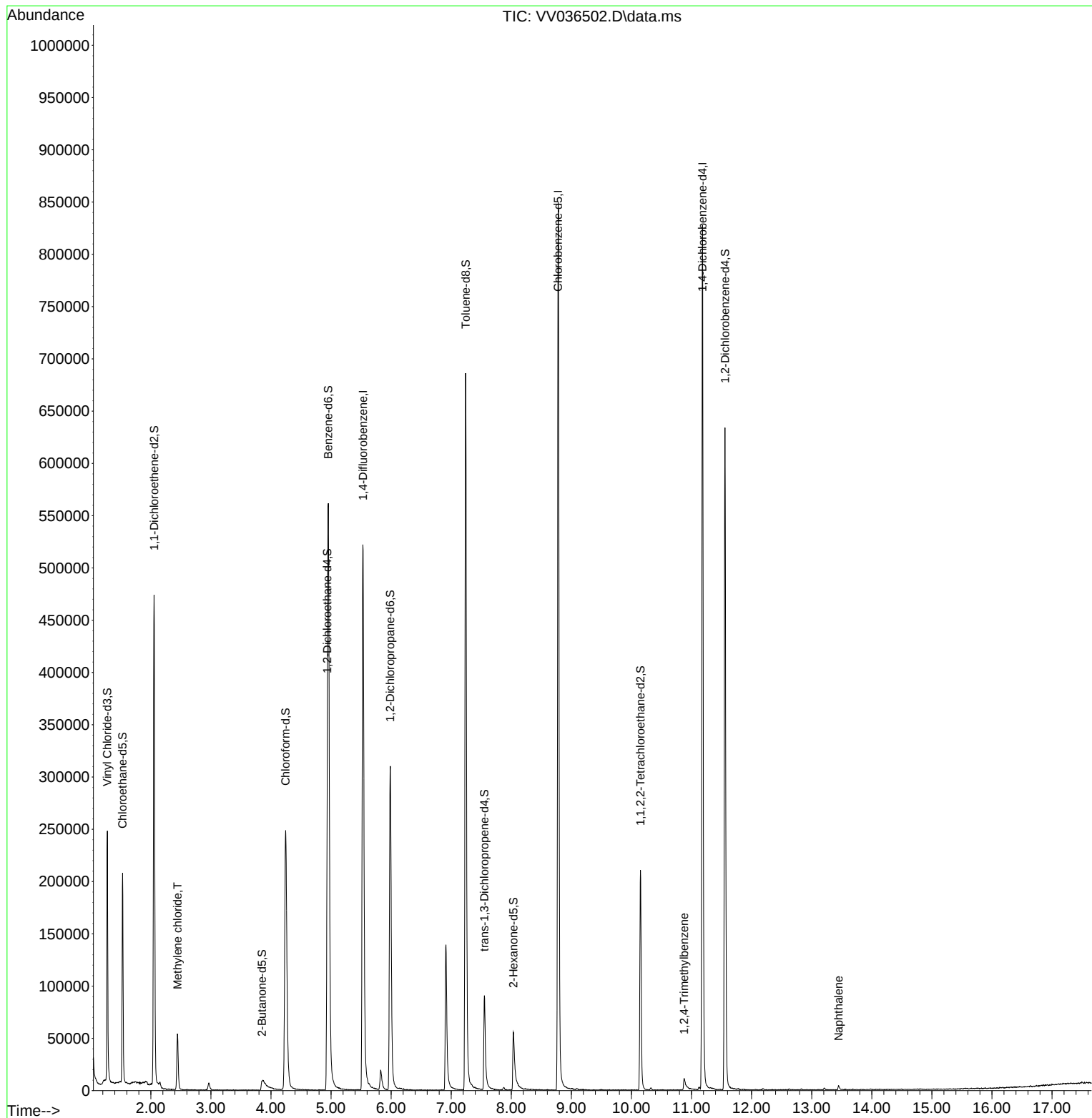
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	484283	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	499539	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	230285	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	156995	22.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.520%
7) Chloroethane-d5	1.529	69	131364	21.655	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.640%
11) 1,1-Dichloroethene-d2	2.053	65	74826	21.002	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.000%
21) 2-Butanone-d5	3.851	46	6664	5.612	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.220%#
24) Chloroform-d	4.243	84	275509	19.545	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.160%
26) 1,2-Dichloroethane-d4	4.937	65	131366	18.789	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.160%
32) Benzene-d6	4.954	84	530644	21.293	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.160%
36) 1,2-Dichloropropane-d6	5.986	67	154375	20.785	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.160%
41) Toluene-d8	7.240	98	478251	20.799	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	7.552	79	57048	18.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.880%
47) 2-Hexanone-d5	8.034	63	21449	26.002	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.000%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	101479	16.223	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.880%
66) 1,2-Dichlorobenzene-d4	11.558	152	175137	22.410	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.640%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	25340	2.545	ug/L	98
63) 1,2,4-Trimethylbenzene	10.876	105	6402	0.357	ug/L #	30
71) Naphthalene	13.448	128	3863	0.307	ug/L	97

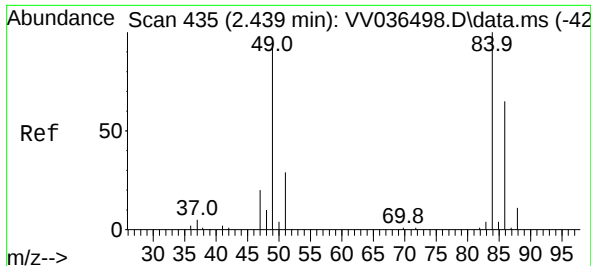
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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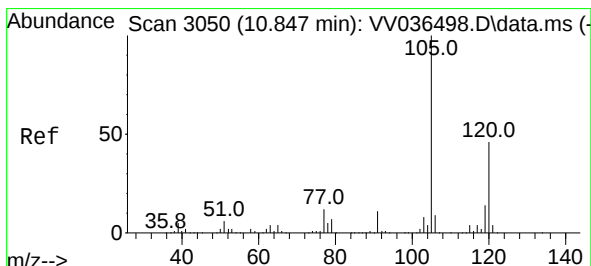
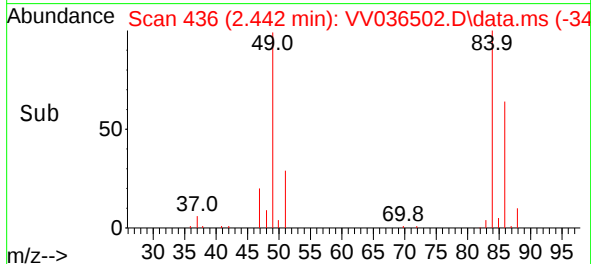
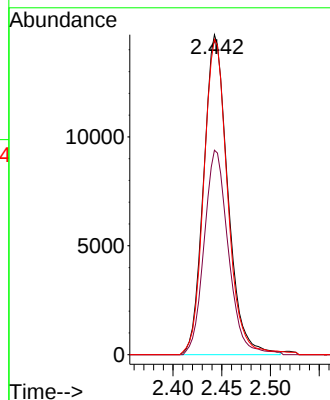
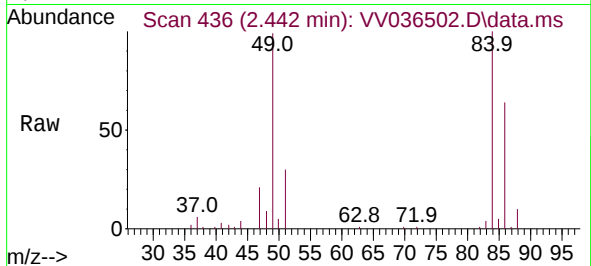




#16
Methylene chloride
Concen: 2.545 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036502.D
Acq: 12 Jul 2024 12:45

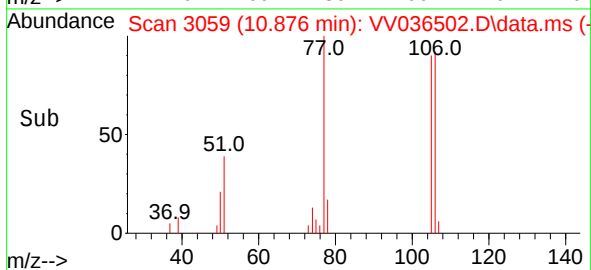
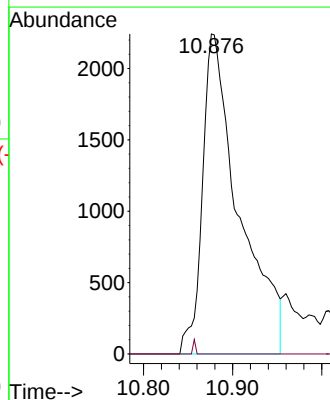
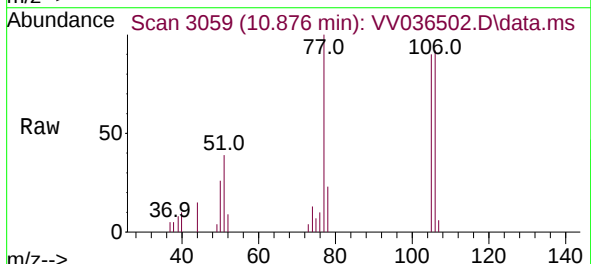
Instrument :
MSVOA_V
ClientSampleId :

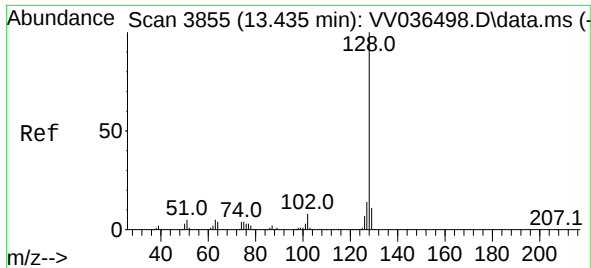
Tgt Ion: 84 Resp: 25340
Ion Ratio Lower Upper
84 100
86 63.9 46.3 86.1
49 98.6 68.1 126.5



#63
1,2,4-Trimethylbenzene
Concen: 0.357 ug/L
RT: 10.876 min Scan# 3059
Delta R.T. 0.029 min
Lab File: VV036502.D
Acq: 12 Jul 2024 12:45

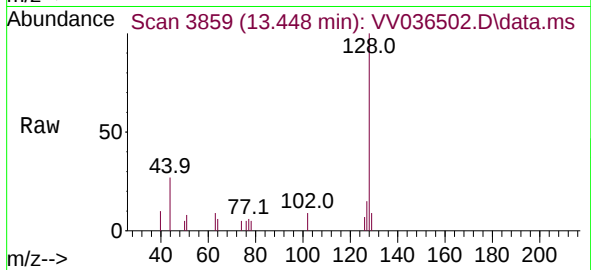
Tgt Ion:105 Resp: 6402
Ion Ratio Lower Upper
105 100
120 0.0 37.0 55.4#





#71
Naphthalene
Concen: 0.307 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.013 min
Lab File: VV036502.D
Acq: 12 Jul 2024 12:45

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	3863
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.8	16.2
129	8.9	8.6	13.0

