

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
 Data File : VU059925.D
 Acq On : 12 Jul 2024 16:34
 Operator : MD/SY
 Sample : P3217-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZH4

Quant Time: Jul 13 03:58:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 13 03:52:33 2024
 Response via : Initial Calibration

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

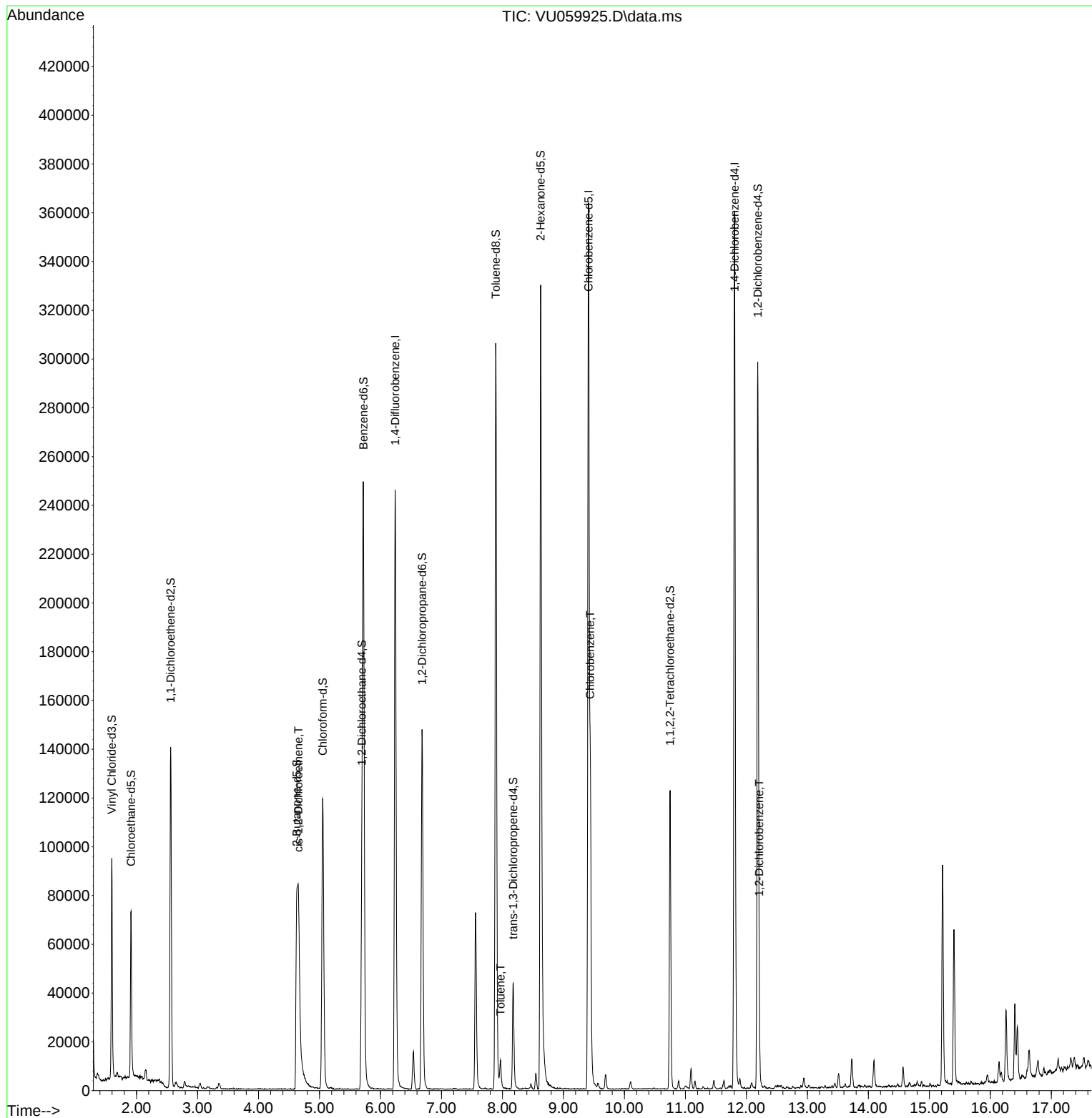
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	215632	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	218643	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	107848	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	63055	4.205	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.910	69	53617	3.716	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.560	65	25433	4.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.627	46	154801	50.121	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.240%
24) Chloroform-d	5.055	84	116311	3.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
26) 1,2-Dichloroethane-d4	5.695	65	60039	4.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
32) Benzene-d6	5.721	84	241711	4.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.682	67	73682	3.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.000%
41) Toluene-d8	7.891	98	217139	3.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.177	79	27131	4.699	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.627	63	125713	52.402	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.800%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	61733	4.052	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	86626	4.513	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.656	96	23308	1.330	ug/L	92
42) Toluene	7.968	91	8334	0.119	ug/L	99
51) Chlorobenzene	9.441	112	74908	1.680	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	7153	0.224	ug/L	98

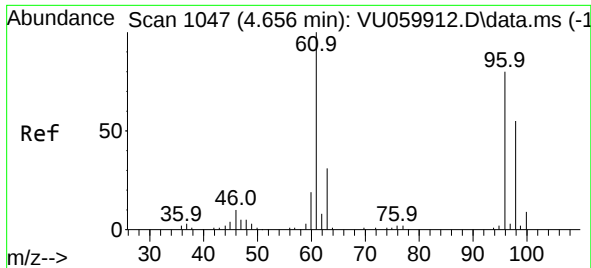
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 1.330 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

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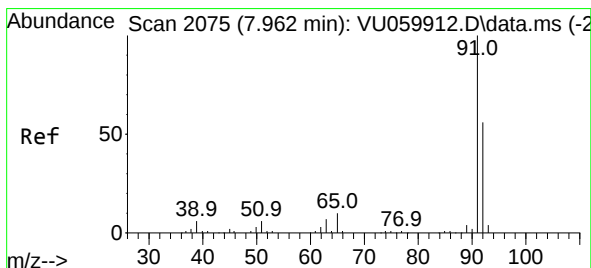
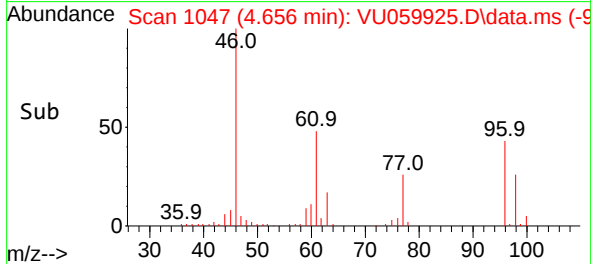
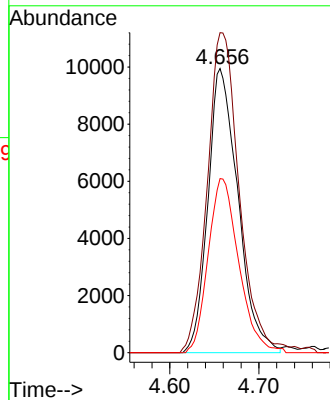
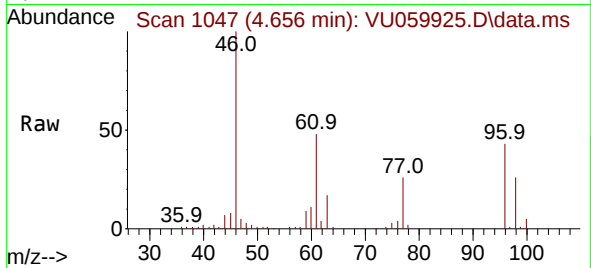
Tgt Ion: 96 Resp: 23308

Ion Ratio Lower Upper

96 100

61 112.6 87.4 162.2

98 61.3 42.3 78.5



#42

Toluene

Concen: 0.119 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.006 min

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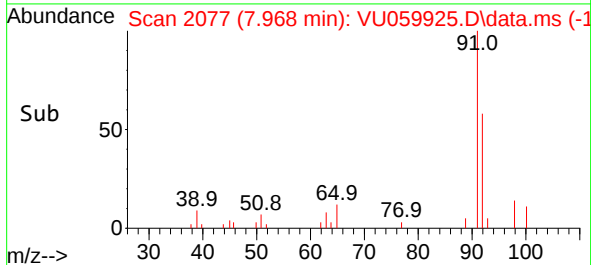
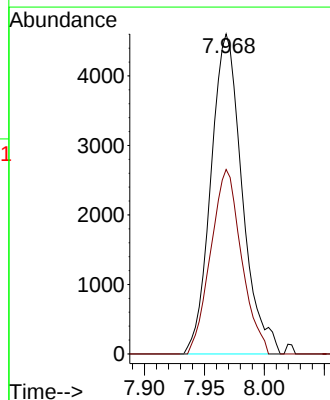
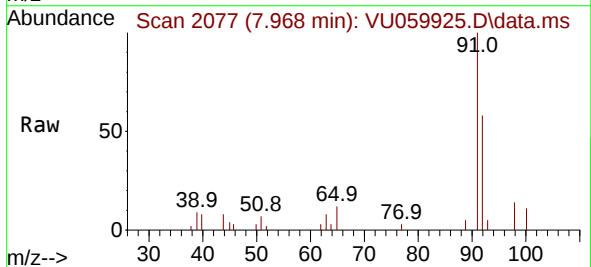
Acq: 12 Jul 2024 16:34

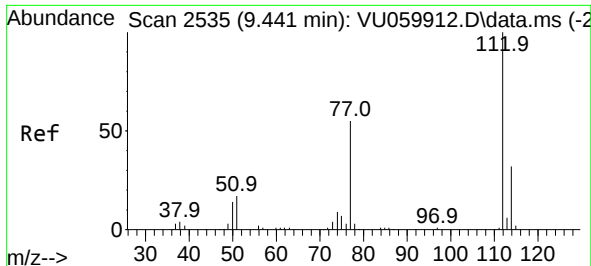
Tgt Ion: 91 Resp: 8334

Ion Ratio Lower Upper

91 100

92 57.6 39.7 73.7

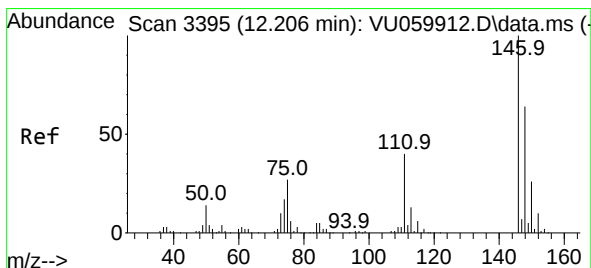
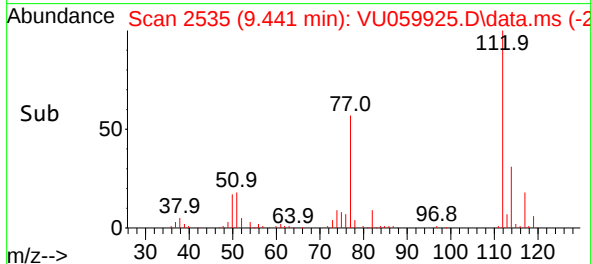
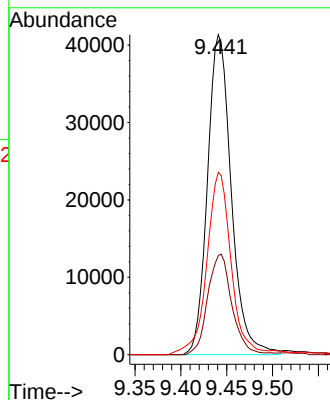
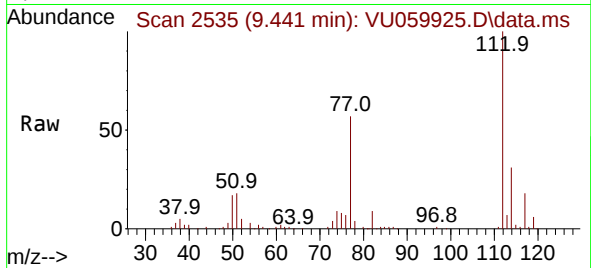




#51
Chlorobenzene
Concen: 1.680 ug/L
RT: 9.441 min Scan# 21
Delta R.T. -0.000 min
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Tgt Ion:112 Resp: 74908
Ion Ratio Lower Upper
112 100
114 30.9 22.4 41.6
77 57.0 49.1 73.7



#67
1,2-Dichlorobenzene
Concen: 0.224 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU059925.D
Acq: 12 Jul 2024 16:34

Tgt Ion:146 Resp: 7153
Ion Ratio Lower Upper
146 100
111 41.2 33.4 50.0
148 63.8 49.7 74.5

