

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061068.D
 Acq On : 02 Oct 2024 12:00
 Operator : MD/SY
 Sample : P4227-03DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-9S(20240926)DL

Quant Time: Oct 03 06:28:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 03 06:26:52 2024
 Response via : Initial Calibration

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

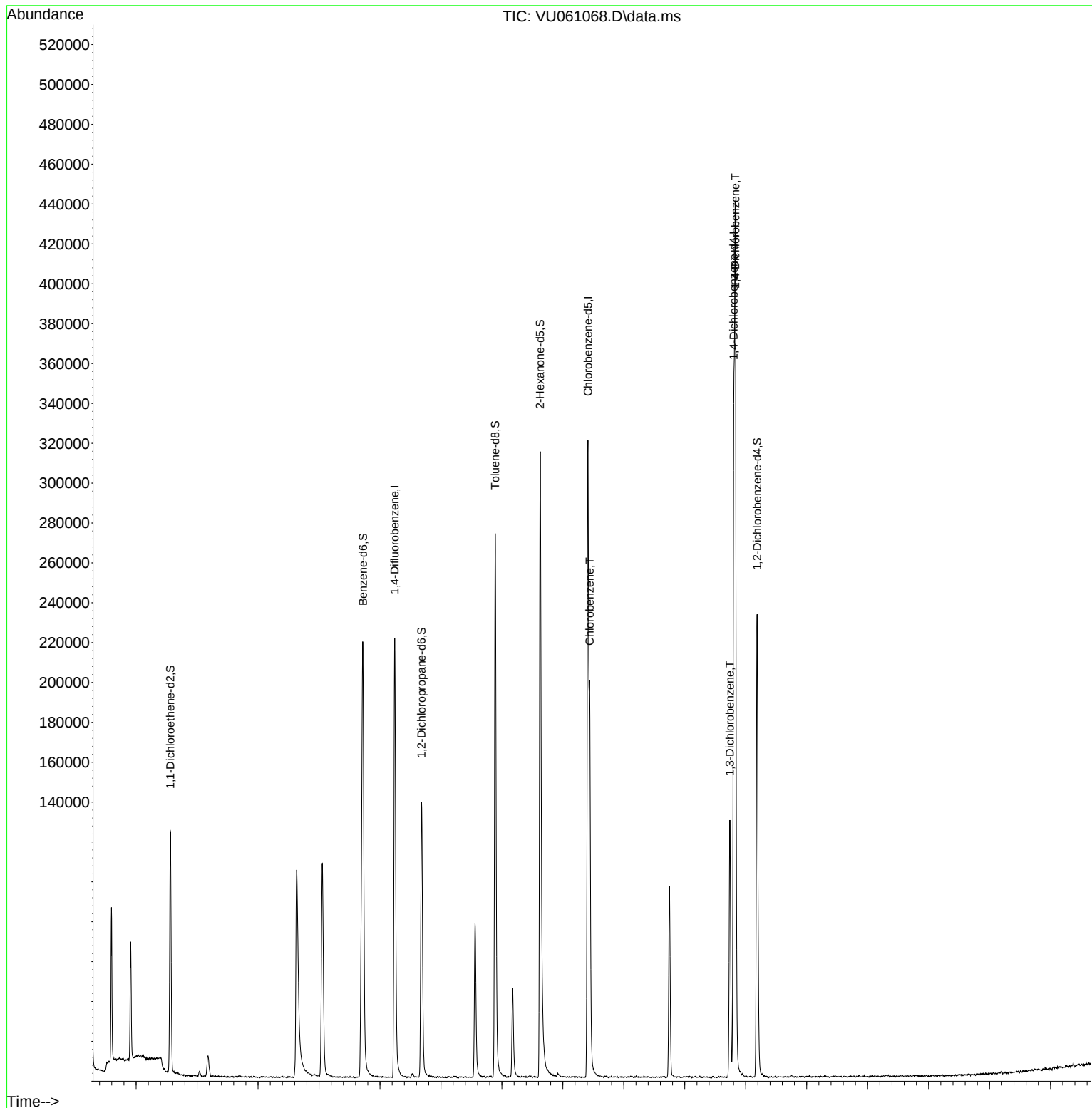
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	182734	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	169860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80343	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53038	4.060	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.911	69	42344	4.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.560	65	24067	4.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.634	46	149898	47.899	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.800%
24) Chloroform-d	5.052	84	101380	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.695	65	55654	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.721	84	203654	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.682	67	69536	4.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.891	98	187142	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.177	79	27357	4.350	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.627	63	122705	47.138	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	50238	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	58474	4.552	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
51) Chlorobenzene	9.441	112	95307	2.933	ug/L	93
64) 1,3-Dichlorobenzene	11.740	146	49737	2.159	ug/L	94
65) 1,4-Dichlorobenzene	11.830	146	153869	6.758	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	5299	0.249	ug/L #	88

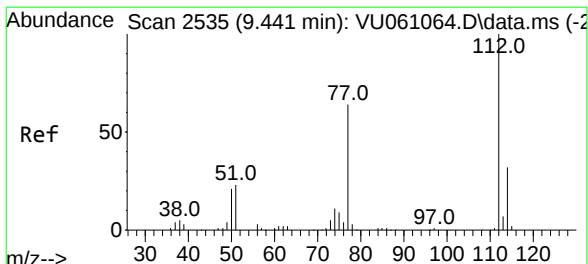
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 03 06:26:52 2024
Response via : Initial Calibration

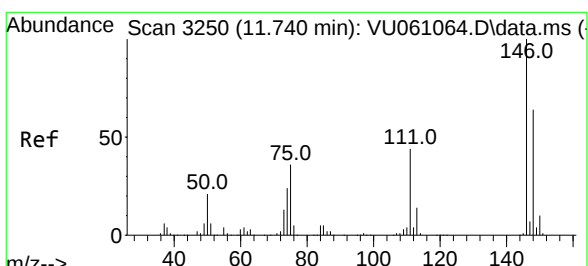
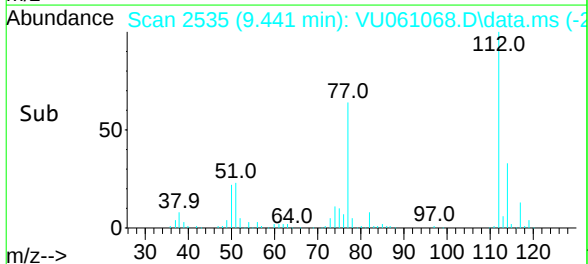
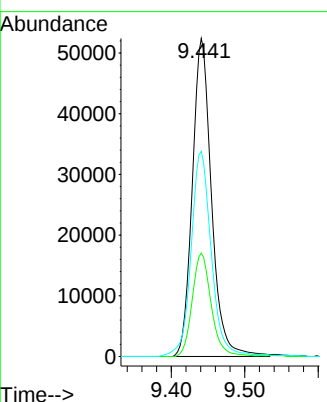
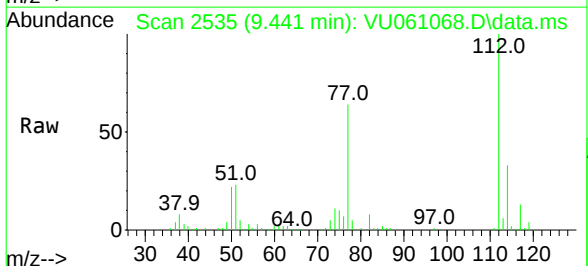




#51
 Chlorobenzene
 Concen: 2.933 ug/L
 RT: 9.441 min Scan# 2535
 Delta R.T. -0.000 min
 Lab File: VU061068.D
 Acq: 02 Oct 2024 12:00

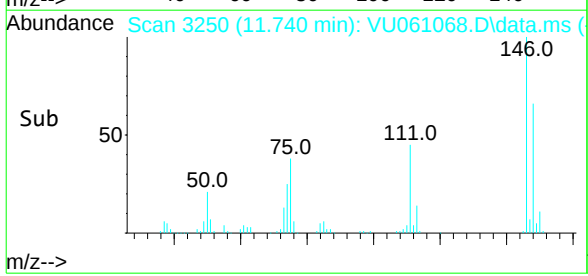
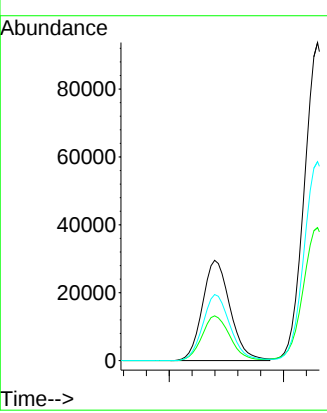
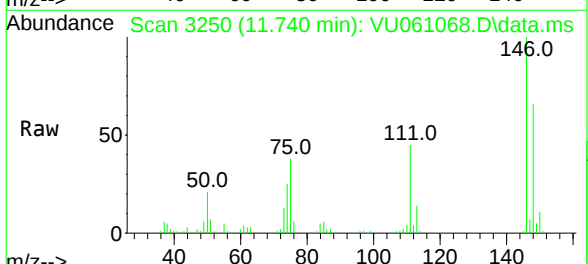
Instrument : MSVOA_U
 ClientSampleId : PMW-9S(20240926)DL

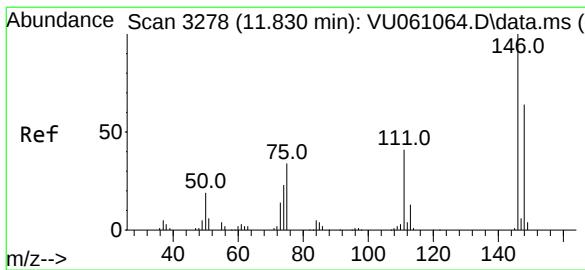
Tgt Ion:	112	Resp:	95307
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.2	41.2
77	64.5	46.1	69.1



#64
 1,3-Dichlorobenzene
 Concen: 2.159 ug/L
 RT: 11.740 min Scan# 3250
 Delta R.T. -0.000 min
 Lab File: VU061068.D
 Acq: 02 Oct 2024 12:00

Tgt Ion:	146	Resp:	49737
Ion	Ratio	Lower	Upper
146	100		
111	44.6	27.5	51.1
148	65.9	43.7	81.1





#65

1,4-Dichlorobenzene

Concen: 6.758 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU061068.D

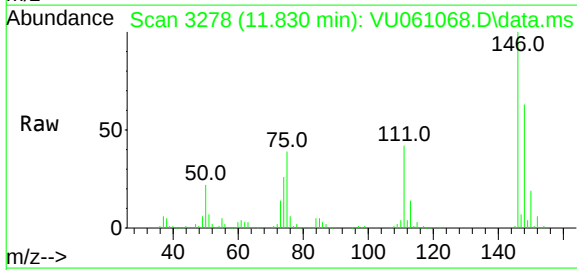
Acq: 02 Oct 2024 12:00

Instrument :

MSVOA_U

ClientSampleId :

PMW-9S(20240926)DL



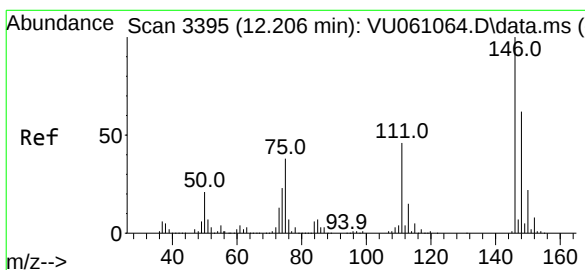
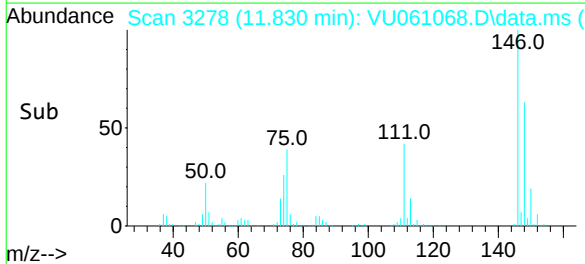
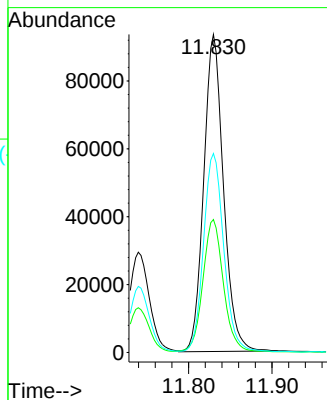
Tgt Ion:146 Resp: 153869

Ion Ratio Lower Upper

146 100

111 41.8 26.3 48.9

148 62.6 45.3 84.1



#67

1,2-Dichlorobenzene

Concen: 0.249 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU061068.D

Acq: 02 Oct 2024 12:00

Tgt Ion:146 Resp: 5299

Ion Ratio Lower Upper

146 100

111 55.2 33.4 50.0#

148 68.1 50.9 76.3

