

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061072.D
 Acq On : 02 Oct 2024 13:36
 Operator : MD/SY
 Sample : P4227-07DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP(20240926)DL

Quant Time: Oct 03 06:29:35 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)

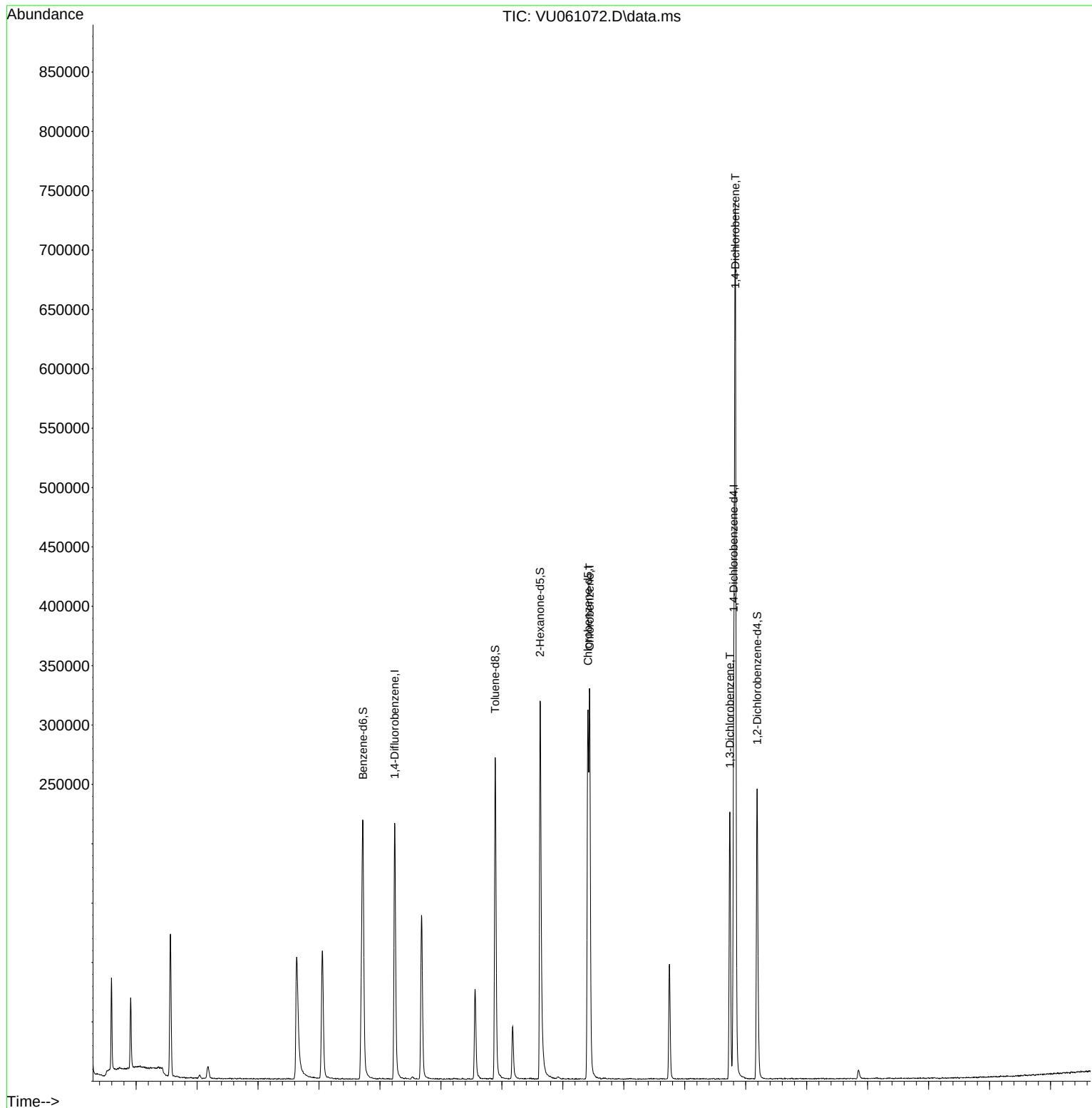
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	173500	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	164957	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78523	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51674	4.166	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.910	69	42278	4.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.563	65	23805	4.350	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.634	46	147394	49.606	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.220%
24) Chloroform-d	5.055	84	101164	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.695	65	56388	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.721	84	202495	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.682	67	67838	4.749	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.891	98	184588	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.177	79	27983	4.582	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.627	63	124479	49.241	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.480%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	50574	4.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	60801	4.843	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
51) Chlorobenzene	9.441	112	164673	5.218	ug/L	93
64) 1,3-Dichlorobenzene	11.740	146	86214	3.830	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	270333	12.149	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	9786	0.470	ug/L	98
70) 1,2,4-trichlorobenzene	13.852	180	3376	0.278	ug/L	97

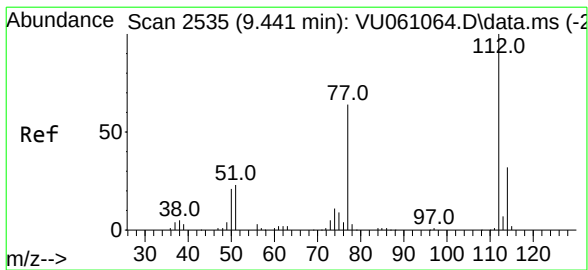
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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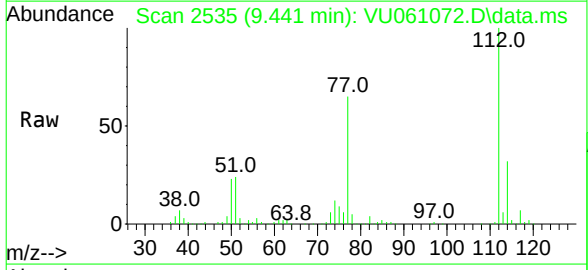
Quant Time: Oct 03 06:29:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 03 06:26:52 2024
Response via : Initial Calibration





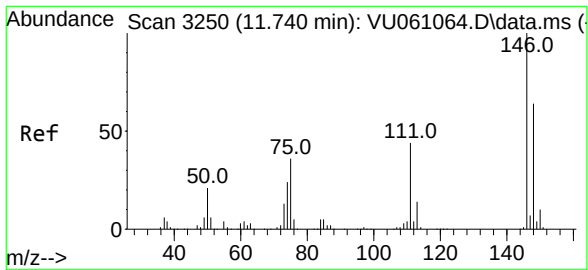
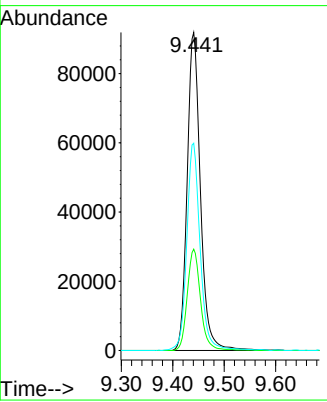
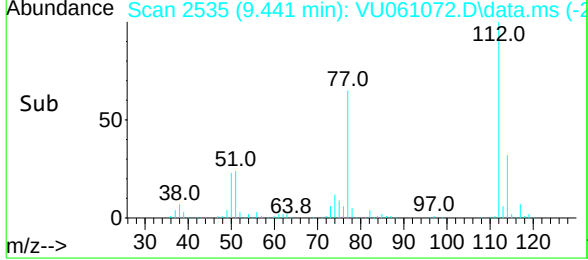
#51
Chlorobenzene
Concen: 5.218 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU061072.D
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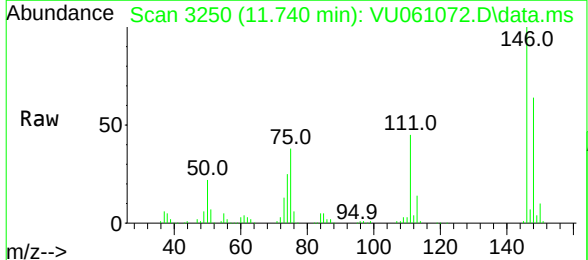


Tgt Ion:112 Resp: 164673

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.2	41.2
77	65.2	46.1	69.1

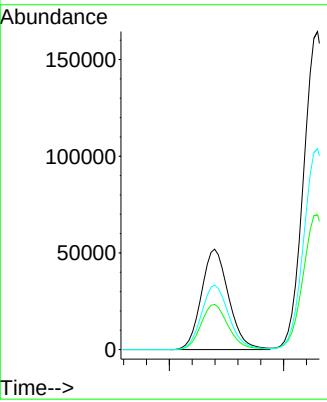
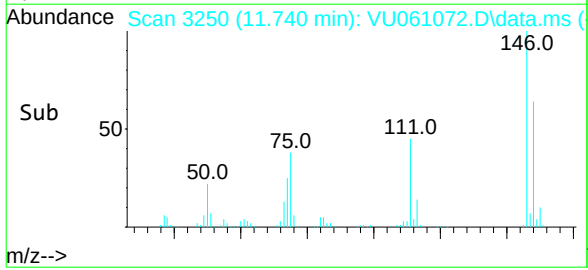


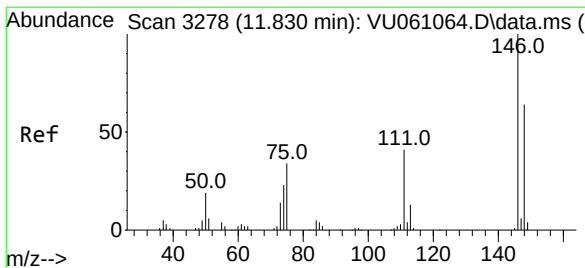
#64
1,3-Dichlorobenzene
Concen: 3.830 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU061072.D
Acq: 02 Oct 2024 13:36



Tgt Ion:146 Resp: 86214

Ion	Ratio	Lower	Upper
146	100		
111	45.1	27.5	51.1
148	64.3	43.7	81.1





#65

1,4-Dichlorobenzene

Concen: 12.149 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU061072.D

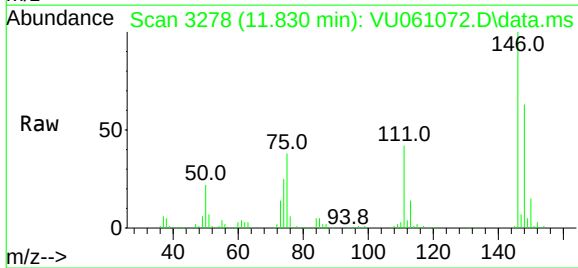
Acq: 02 Oct 2024 13:36

Instrument :

MSVOA_U

ClientSampleId :

DUP(20240926)DL



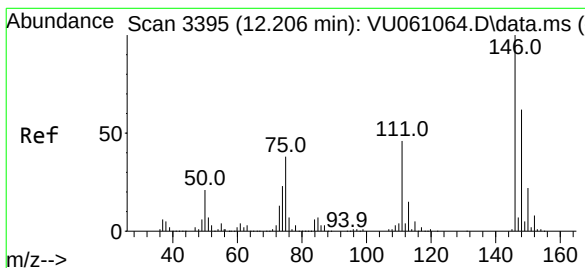
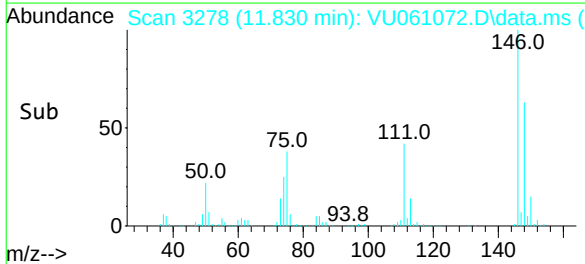
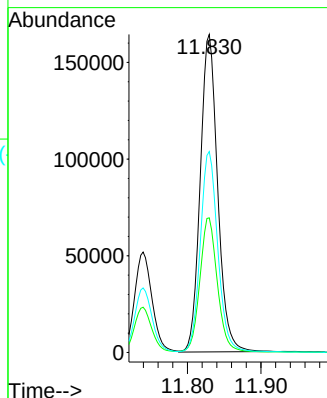
Tgt Ion:146 Resp: 270333

Ion Ratio Lower Upper

146 100

111 42.3 26.3 48.9

148 63.2 45.3 84.1



#67

1,2-Dichlorobenzene

Concen: 0.470 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU061072.D

Acq: 02 Oct 2024 13:36

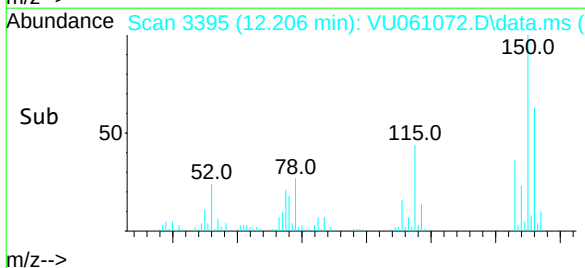
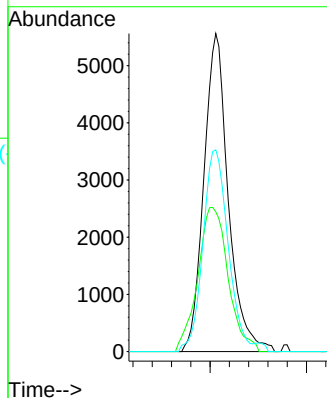
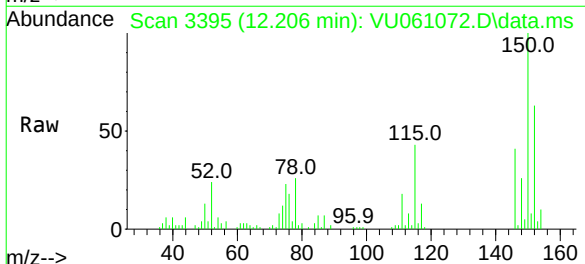
Tgt Ion:146 Resp: 9786

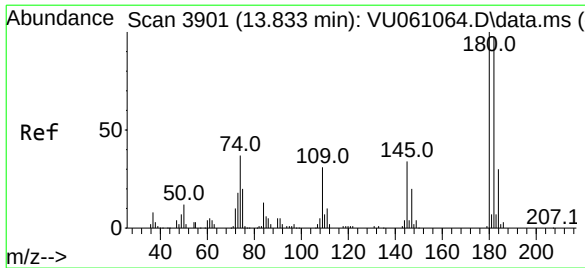
Ion Ratio Lower Upper

146 100

111 44.0 33.4 50.0

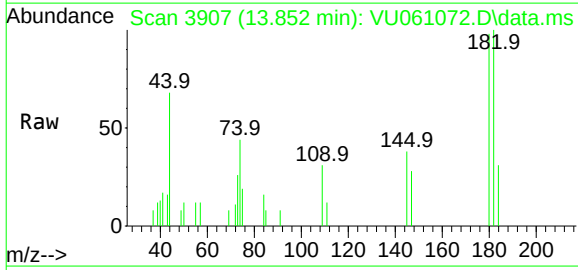
148 63.4 50.9 76.3





#70
 1,2,4-trichlorobenzene
 Concen: 0.278 ug/L
 RT: 13.852 min Scan# 3907
 Delta R.T. 0.019 min
 Lab File: VU061072.D
 Acq: 02 Oct 2024 13:36

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	180	Resp:	3376
Ion Ratio	Lower	Upper	
180	100		
182	92.7	77.4	116.2
145	28.1	22.9	34.3

