

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
 Data File : VU061048.D
 Acq On : 01 Oct 2024 17:01
 Operator : MD/SY
 Sample : P4227-03 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Oct 02 02:36:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 02 02:09:38 2024
 Response via : Initial Calibration

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

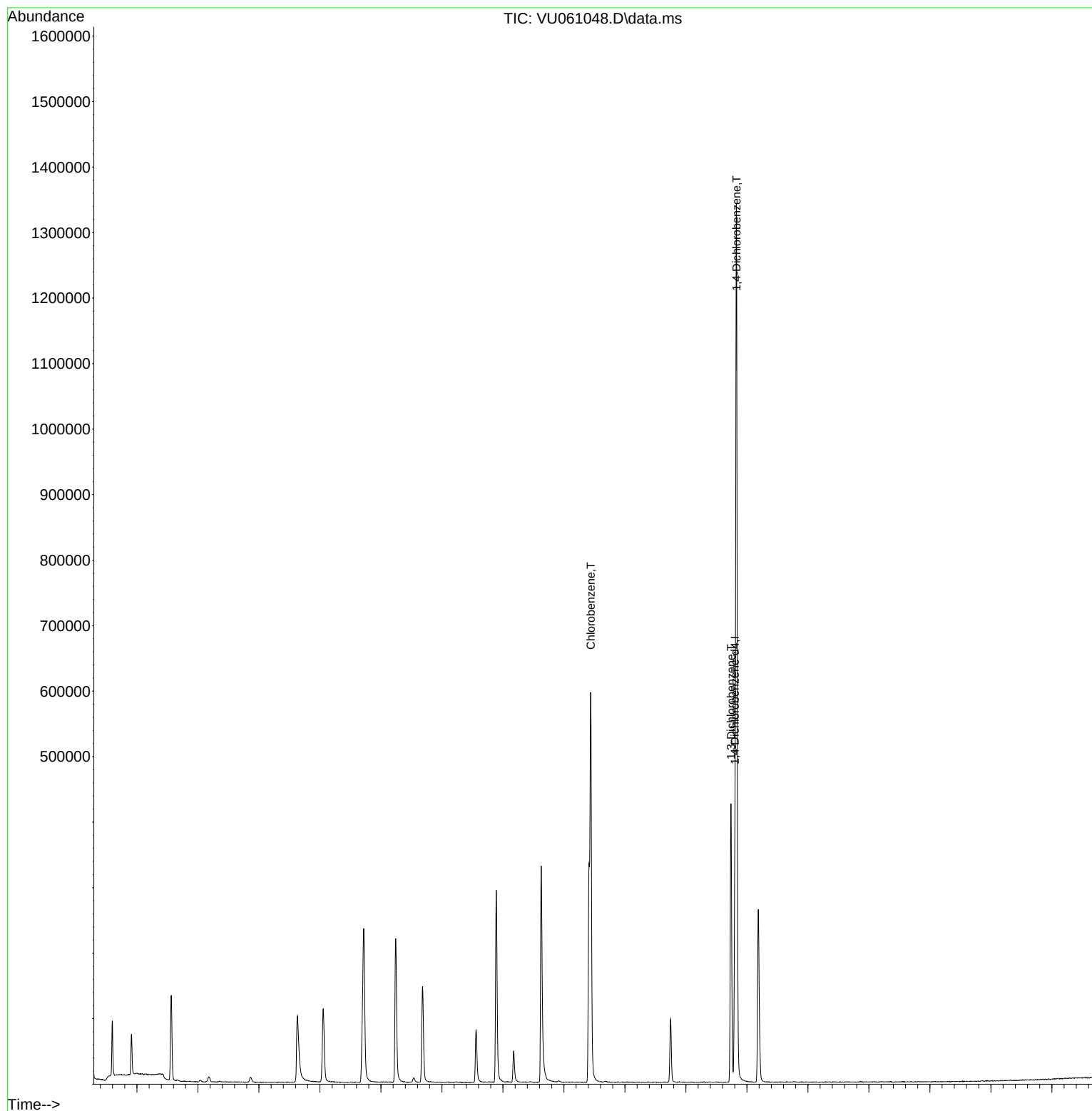
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	181731	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	170791	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	57225	4.404	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.911	69	44196	4.544	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.563	65	25733	4.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.631	46	149379	47.997	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.000%
24) Chloroform-d	5.055	84	105848	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.695	65	59235	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.721	84	213907	4.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.682	67	72354	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.891	98	197734	4.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.177	79	29058	4.595	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.627	63	123968	47.364	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	50809	4.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	64345	4.966	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
19) 1,1-Dichloroethane	3.869	63	9099	0.406	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	1846	0.144	ug/L	91
51) Chlorobenzene	9.441	112	304817	9.330	ug/L	93
64) 1,3-Dichlorobenzene	11.740	146	163427	7.035	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	506243	22.045	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	17690	0.824	ug/L	96

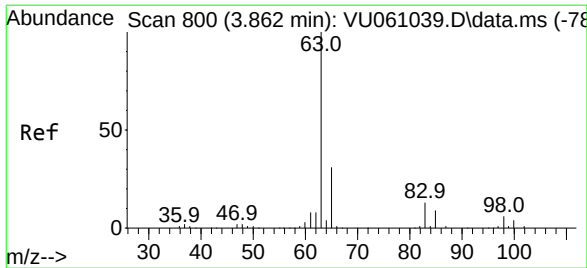
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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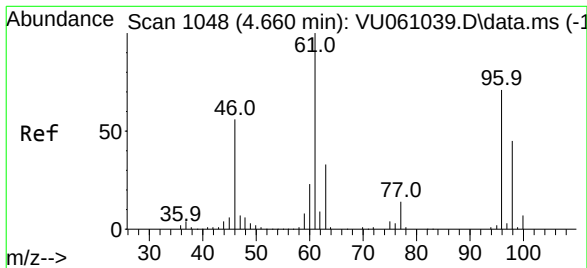
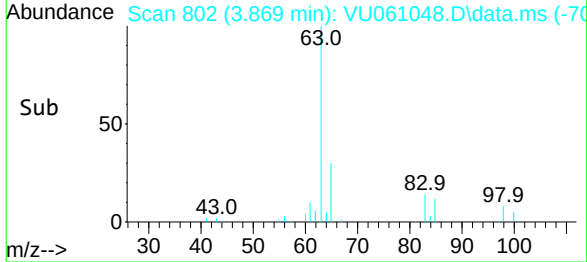
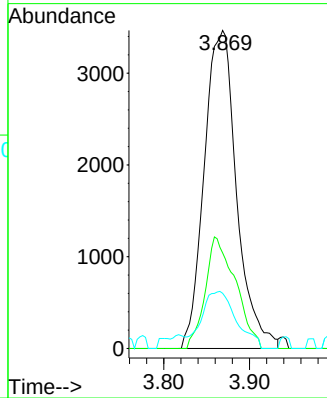
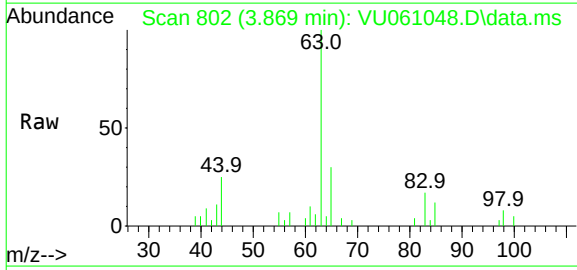




#19
1,1-Dichloroethane
Concen: 0.406 ug/L
RT: 3.869 min Scan# 800
Delta R.T. 0.009 min
Lab File: VU061048.D
Acq: 01 Oct 2024 17:01

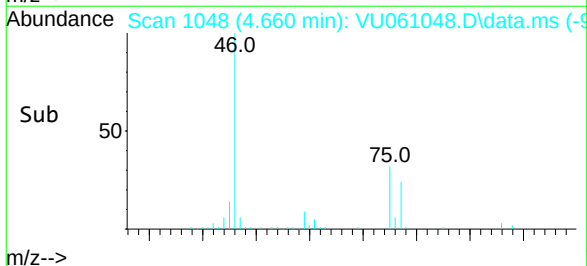
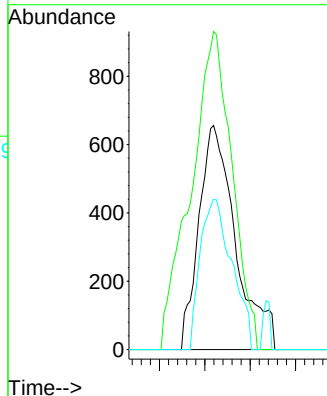
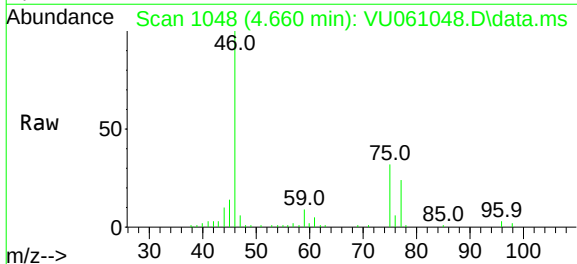
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MSVOA_U
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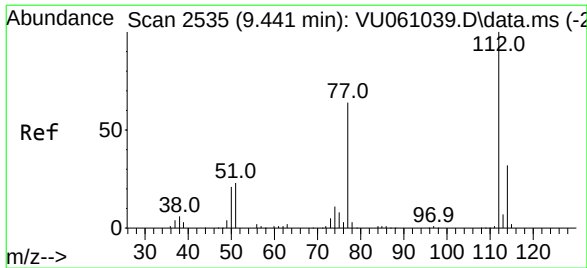
Tgt Ion: 63 Resp: 9099
Ion Ratio Lower Upper
63 100
65 30.0 23.0 42.8
83 17.3 9.0 16.6



#22
cis-1,2-Dichloroethene
Concen: 0.144 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061048.D
Acq: 01 Oct 2024 17:01

Tgt Ion: 96 Resp: 1846
Ion Ratio Lower Upper
96 100
61 141.9 89.7 166.5
98 67.1 45.1 83.9





#51

Chlorobenzene

Concen: 9.330 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU061048.D

Acq: 01 Oct 2024 17:01

Instrument :

MSVOA_U

ClientSampleId :

PMW-9S(20240926)

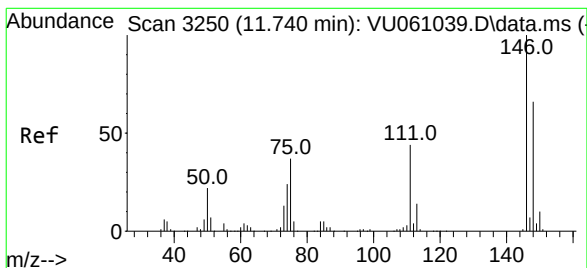
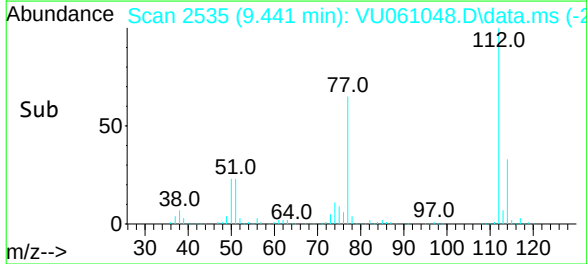
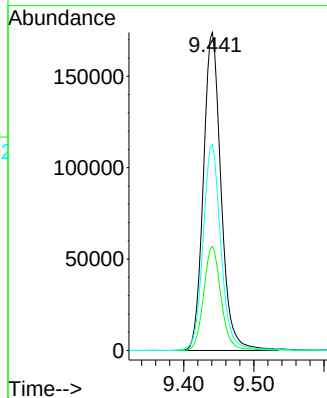
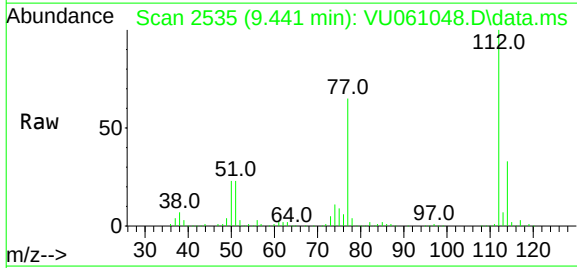
Tgt Ion:112 Resp: 304817

Ion Ratio Lower Upper

112 100

114 32.7 22.2 41.2

77 64.8 46.1 69.1



#64

1,3-Dichlorobenzene

Concen: 7.035 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU061048.D

Acq: 01 Oct 2024 17:01

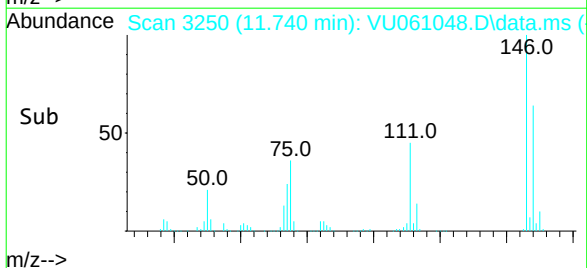
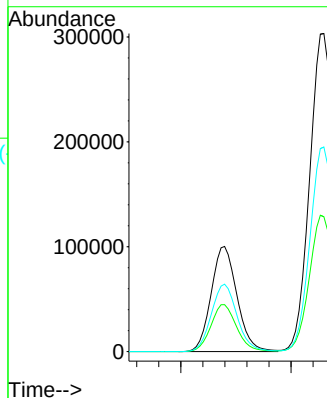
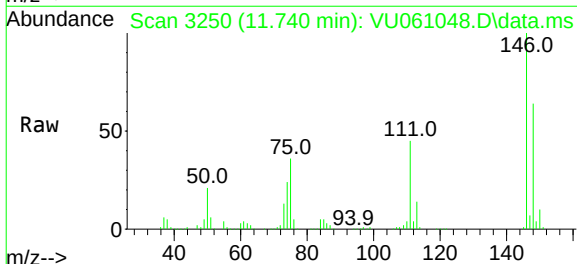
Tgt Ion:146 Resp: 163427

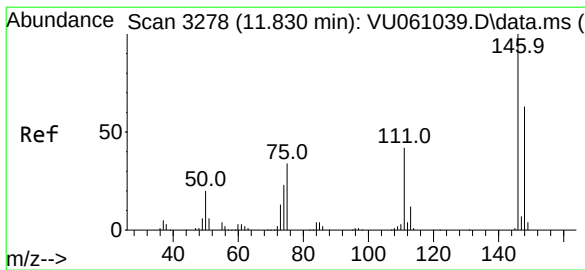
Ion Ratio Lower Upper

146 100

111 44.6 27.5 51.1

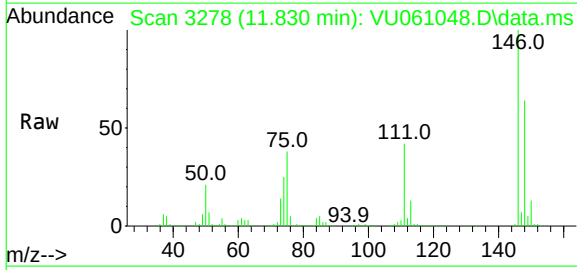
148 64.1 43.7 81.1



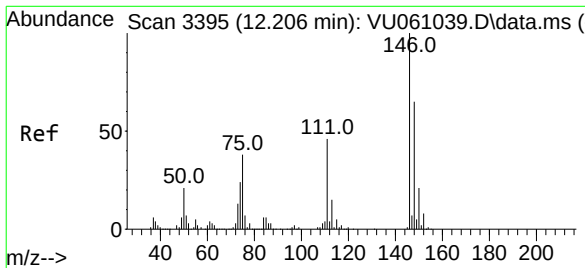
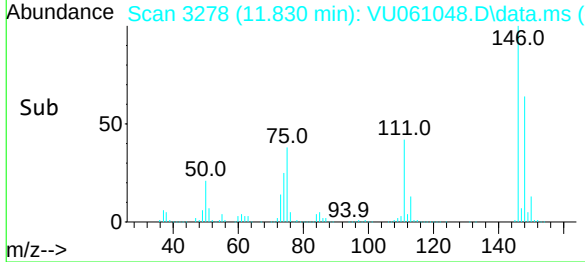
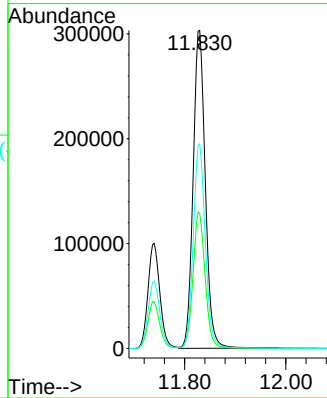


#65
1,4-Dichlorobenzene
Concen: 22.045 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU061048.D
Acq: 01 Oct 2024 17:01

Instrument :
MSVOA_U
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PMW-9S(20240926)



Tgt Ion:146 Resp: 506243
Ion Ratio Lower Upper
146 100
111 42.4 26.3 48.9
148 64.3 45.3 84.1



#67
1,2-Dichlorobenzene
Concen: 0.824 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU061048.D
Acq: 01 Oct 2024 17:01

Tgt Ion:146 Resp: 17690
Ion Ratio Lower Upper
146 100
111 47.7 33.4 50.0
148 64.0 50.9 76.3

