

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070224\
 Data File : VU059737.D
 Acq On : 02 Jul 2024 14:21
 Operator : MD/SY
 Sample : P3108-04 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SW0

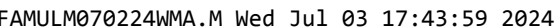
Quant Time: Jul 03 01:54:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 01:39:57 2024
 Response via : Initial Calibration

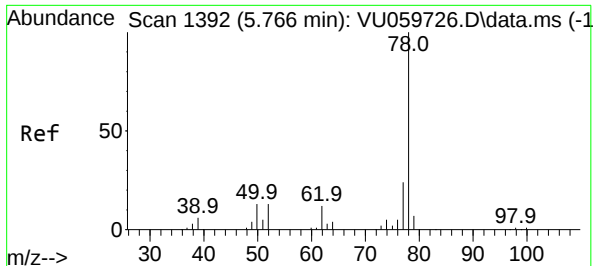
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	287580	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	286791	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	135910	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	89148	48.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.560%
7) Chloroethane-d5	1.907	69	75034	48.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.620%
11) 1,1-Dichloroethene-d2	2.560	63	119254	36.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.700%
21) 2-Butanone-d5	4.611	46	132955	103.611	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.610%
24) Chloroform-d	5.052	84	168620	47.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.320%
26) 1,2-Dichloroethane-d4	5.692	65	105974	49.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.680%
32) Benzene-d6	5.721	84	351604	47.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.760%
36) 1,2-Dichloropropane-d6	6.682	67	111226	48.935	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.880%
41) Toluene-d8	7.891	98	317461	45.456	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.920%
43) trans-1,3-Dichloroprop...	8.174	79	48764	45.849	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.700%
47) 2-Hexanone-d5	8.624	63	97234	101.508	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.510%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	169480	48.581	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.160%
66) 1,2-Dichlorobenzene-d4	12.187	152	127154	50.913	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.820%
Target Compounds						
					Qvalue	
33) Benzene	5.769	78	182632	23.582	ug/L	100
51) Chlorobenzene	9.441	112	944213	168.224	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	43083	10.486	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	345640	81.377	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	451489	108.777	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	60427	22.632	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	14753	5.507	ug/L	96

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

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#33

Benzene

Concen: 23.582 ug/L

RT: 5.769 min Scan# 11

Delta R.T. 0.003 min

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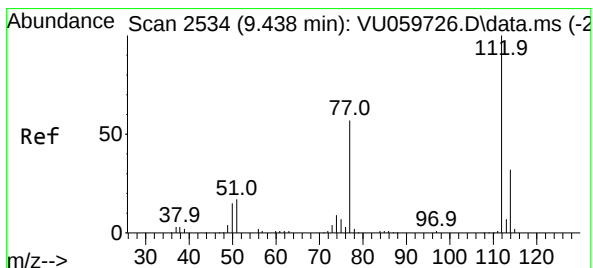
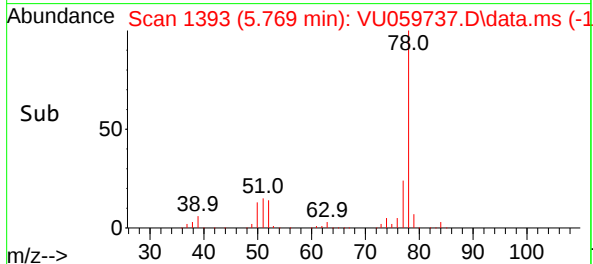
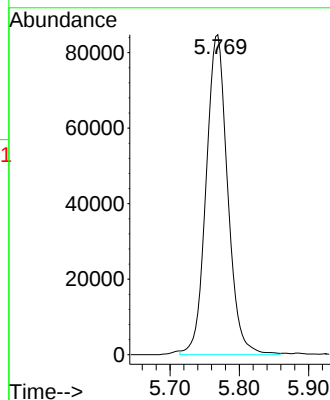
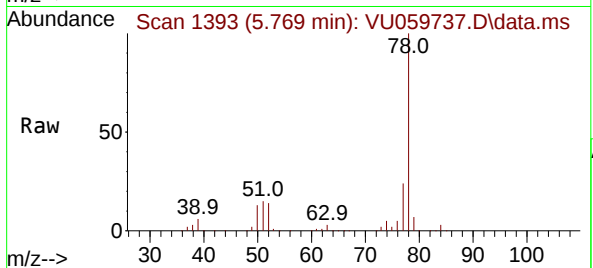
Instrument :

MSVOA_U

ClientSampleId :

C0SW0

Tgt Ion: 78 Resp: 182632



#51

Chlorobenzene

Concen: 168.224 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU059737.D

Acq: 02 Jul 2024 14:21

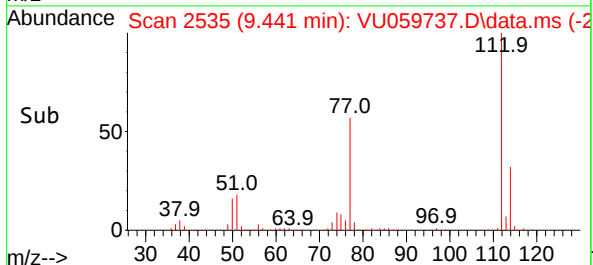
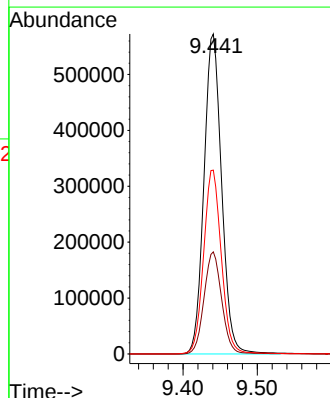
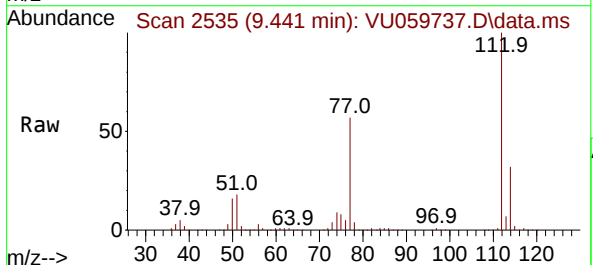
Tgt Ion: 112 Resp: 944213

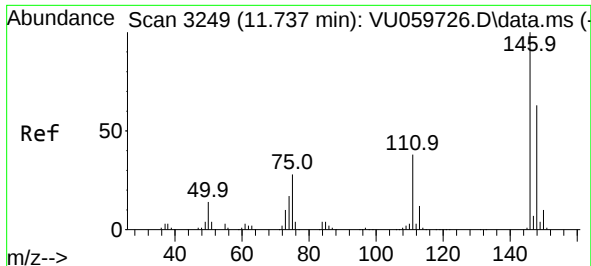
Ion Ratio Lower Upper

112 100

114 31.9 22.7 42.3

77 57.4 45.8 68.6

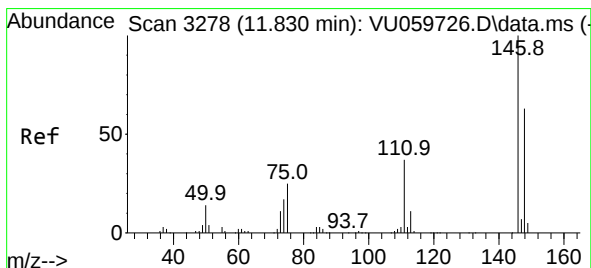
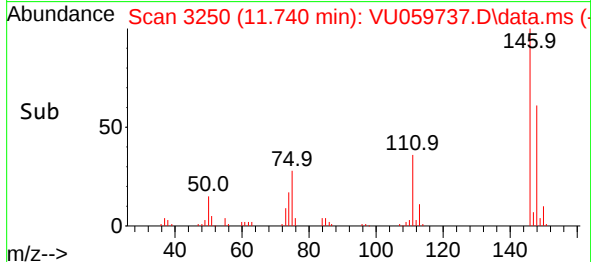
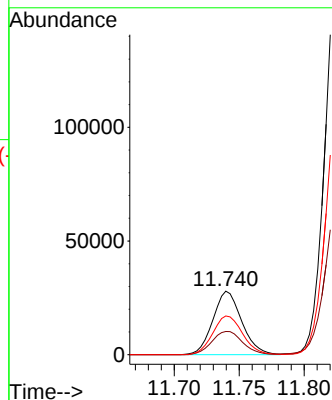
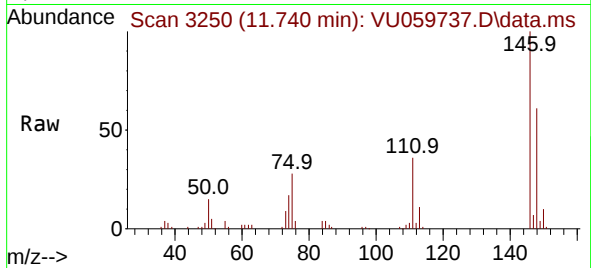




#64
1,3-Dichlorobenzene
Concen: 10.486 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU059737.D
Acq: 02 Jul 2024 14:21

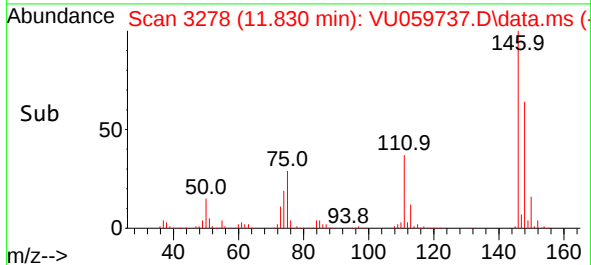
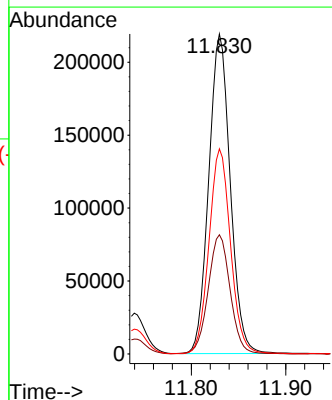
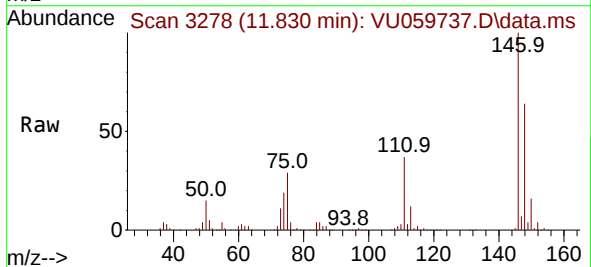
Instrument :
MSVOA_U
ClientSampleId :
C0SW0

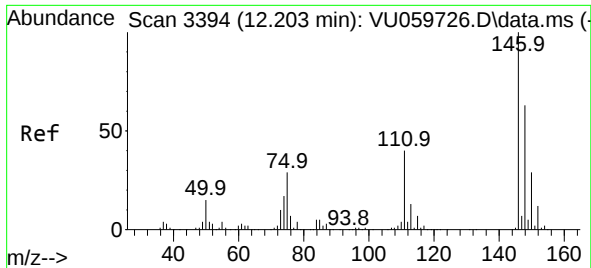
Tgt Ion:146 Resp: 43083
Ion Ratio Lower Upper
146 100
111 36.5 26.5 49.1
148 61.1 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 81.377 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU059737.D
Acq: 02 Jul 2024 14:21

Tgt Ion:146 Resp: 345640
Ion Ratio Lower Upper
146 100
111 37.3 25.9 48.1
148 64.1 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 108.777 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU059737.D

Acq: 02 Jul 2024 14:21

Instrument :

MSVOA_U

ClientSampleId :

C0SW0

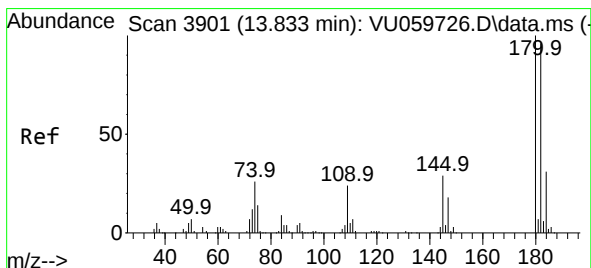
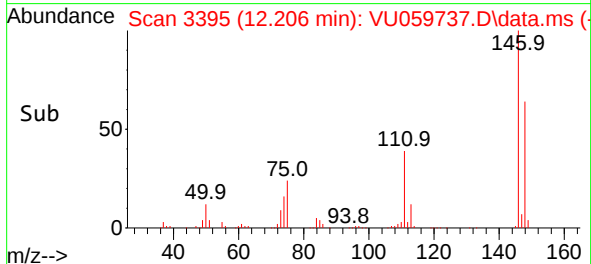
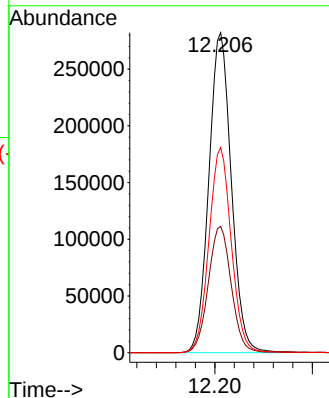
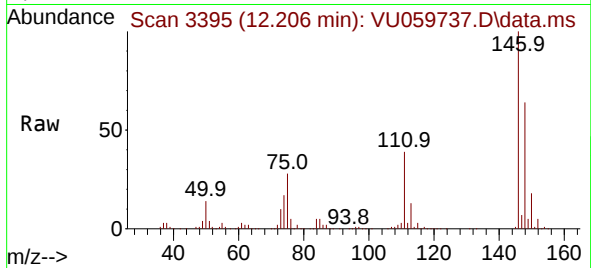
Tgt Ion:146 Resp: 451489

Ion Ratio Lower Upper

146 100

111 39.5 31.7 47.5

148 64.1 50.8 76.2



#70

1,2,4-trichlorobenzene

Concen: 22.632 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU059737.D

Acq: 02 Jul 2024 14:21

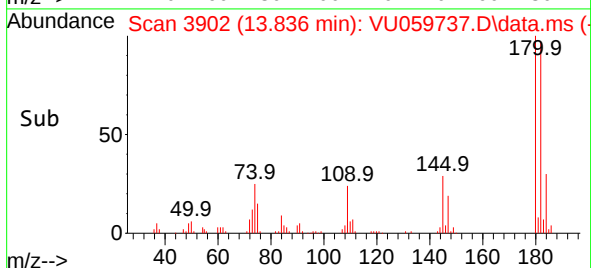
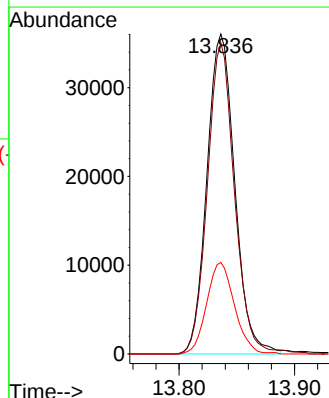
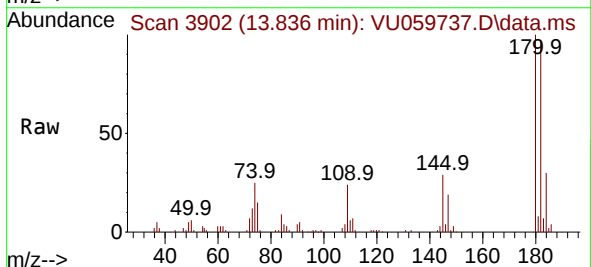
Tgt Ion:180 Resp: 60427

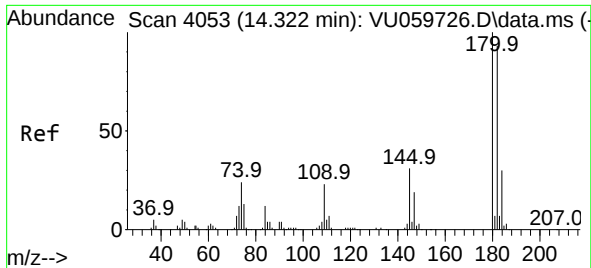
Ion Ratio Lower Upper

180 100

182 93.8 76.4 114.6

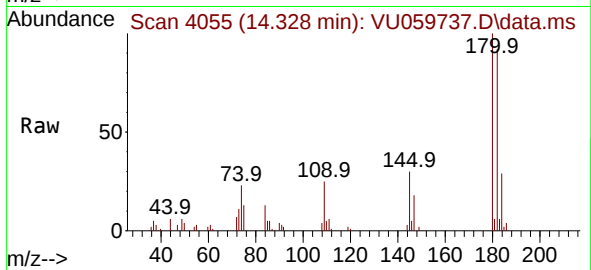
145 28.4 23.0 34.4





#72
 1,2,3-Trichlorobenzene
 Concen: 5.507 ug/L
 RT: 14.328 min Scan# 4053
 Delta R.T. 0.006 min
 Lab File: VU059737.D
 Acq: 02 Jul 2024 14:21

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SW0



Tgt Ion:	180	Resp:	14753
Ion Ratio	Lower	Upper	
180	100		
182	91.1	75.8	113.8
145	27.9	24.5	36.7

