

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092823\
 Data File : VU055574.D
 Acq On : 28 Sep 2023 13:36
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK146

Quant Time: Sep 28 14:19:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

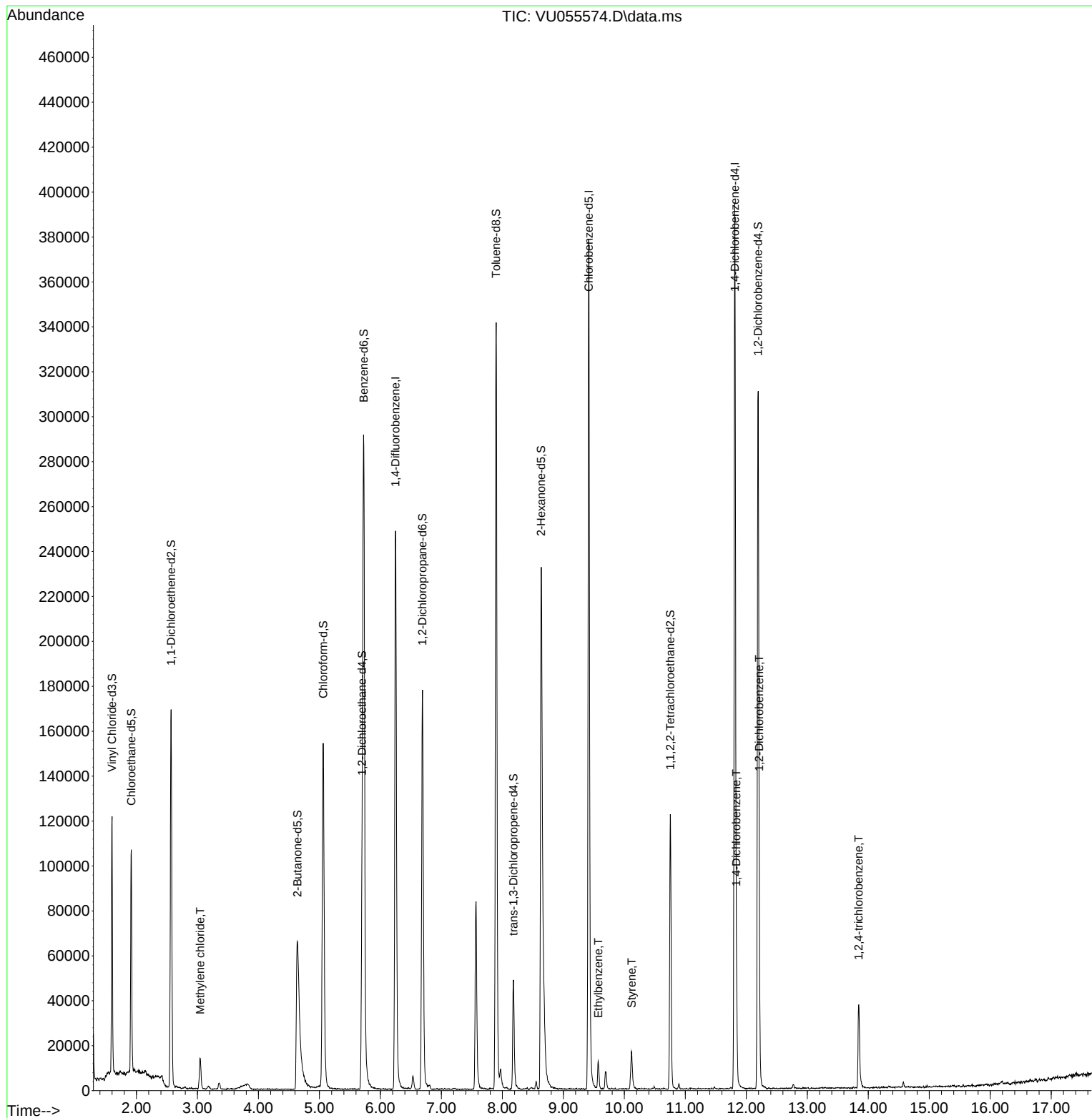
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	211893	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	213312	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	107660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	80156	3.743	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.914	69	70235	3.721	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.567	65	30498	3.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.637	46	144600	37.382	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.760%
24) Chloroform-d	5.062	84	144964	3.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
26) 1,2-Dichloroethane-d4	5.698	65	69023	3.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
32) Benzene-d6	5.727	84	284080	3.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	6.689	67	88378	3.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.898	98	243589	3.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.181	79	28439	3.635	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.800%
46) 2-Hexanone-d5	8.634	63	77381	32.518	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.040%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	62664	3.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	82321	3.788	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.800%#
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	7152	0.403	ug/L	83
52) Ethylbenzene	9.573	91	9340	0.133	ug/L	97
55) Styrene	10.119	104	8014	0.194	ug/L	90
65) 1,4-Dichlorobenzene	11.836	146	14643	0.493	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	13695	0.503	ug/L	93
70) 1,2,4-trichlorobenzene	13.843	180	13976	0.896	ug/L	99

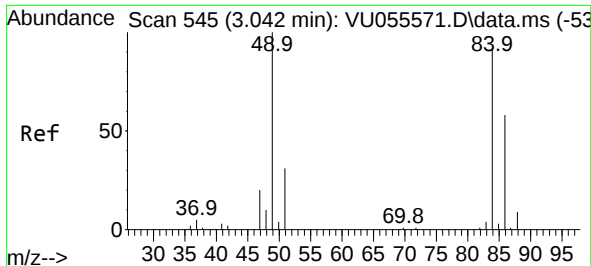
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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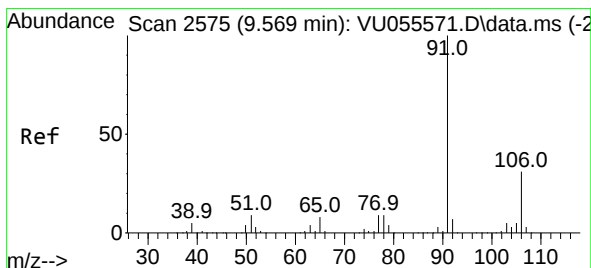
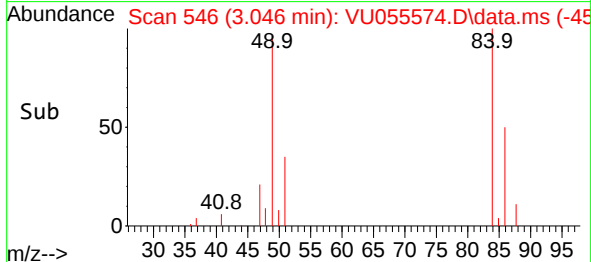
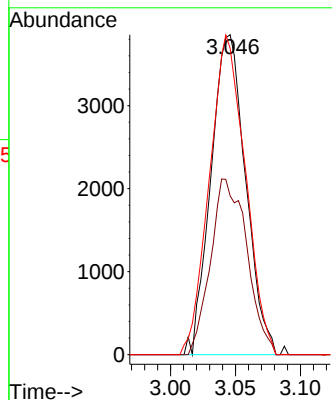
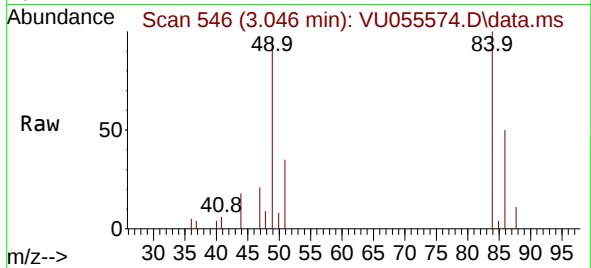




#16
Methylene chloride
Concen: 0.403 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055574.D
Acq: 28 Sep 2023 13:36

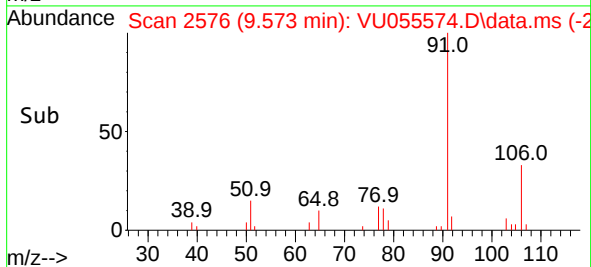
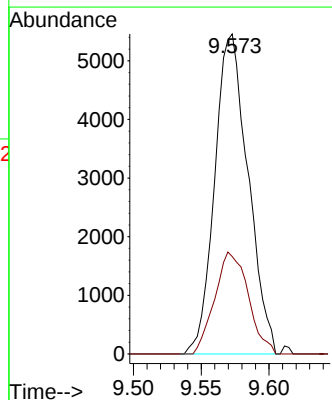
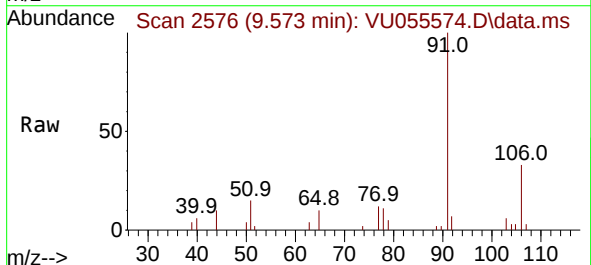
Instrument :
MSVOA_U
ClientSampleId :
VIBLK146

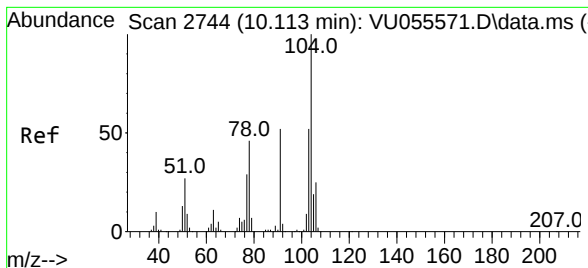
Tgt Ion: 84 Resp: 7152
Ion Ratio Lower Upper
84 100
86 49.6 44.9 83.3
49 95.8 78.8 146.3



#52
Ethylbenzene
Concen: 0.133 ug/L
RT: 9.573 min Scan# 2576
Delta R.T. 0.006 min
Lab File: VU055574.D
Acq: 28 Sep 2023 13:36

Tgt Ion: 91 Resp: 9340
Ion Ratio Lower Upper
91 100
106 30.5 22.4 41.6





#55

Styrene

Concen: 0.194 ug/L

RT: 10.119 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU055574.D

Acq: 28 Sep 2023 13:36

Instrument :

MSVOA_U

ClientSampleId :

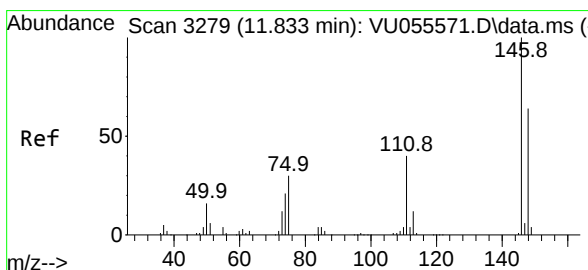
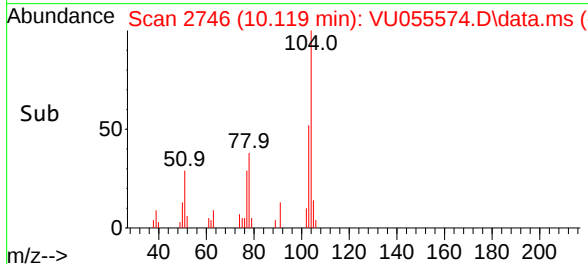
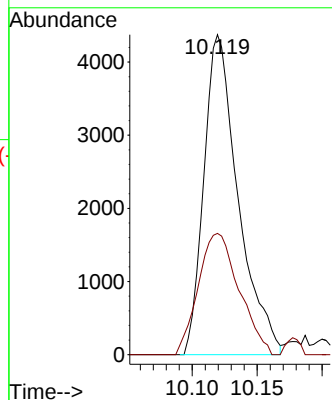
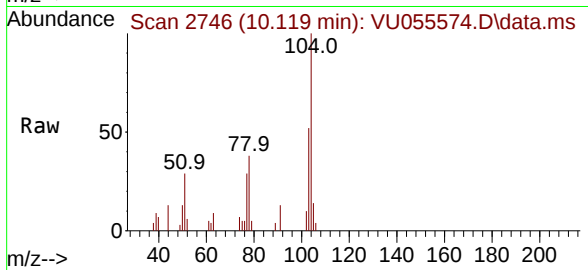
VIBLK146

Tgt Ion:104 Resp: 8014

Ion Ratio Lower Upper

104 100

78 37.9 31.2 58.0



#65

1,4-Dichlorobenzene

Concen: 0.493 ug/L

RT: 11.836 min Scan# 3280

Delta R.T. 0.003 min

Lab File: VU055574.D

Acq: 28 Sep 2023 13:36

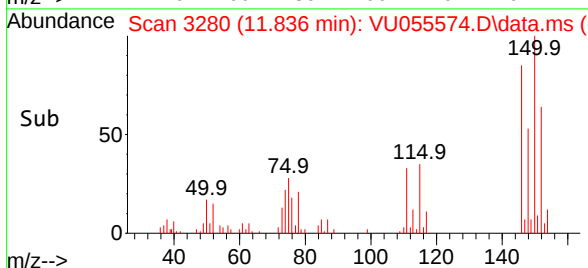
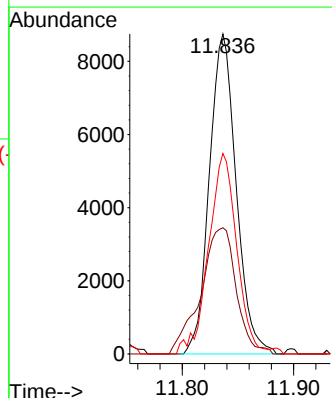
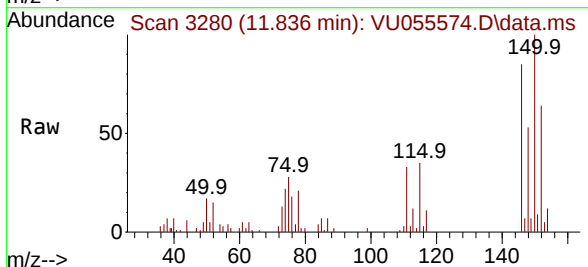
Tgt Ion:146 Resp: 14643

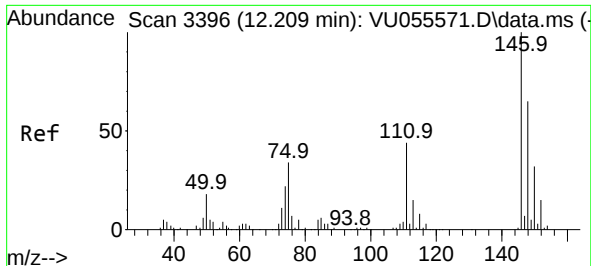
Ion Ratio Lower Upper

146 100

111 39.4 29.0 53.8

148 62.6 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 0.503 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055574.D

Acq: 28 Sep 2023 13:36

Instrument :

MSVOA_U

ClientSampleId :

VIBLK146

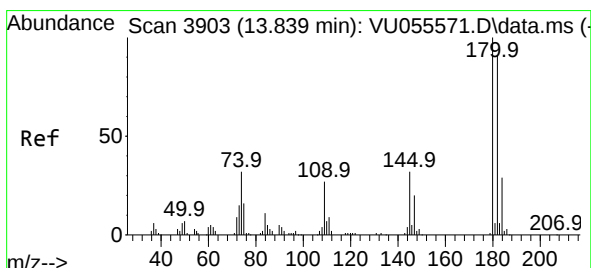
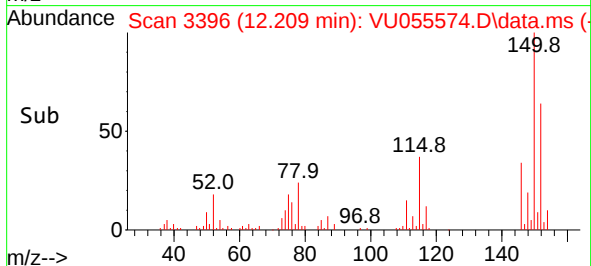
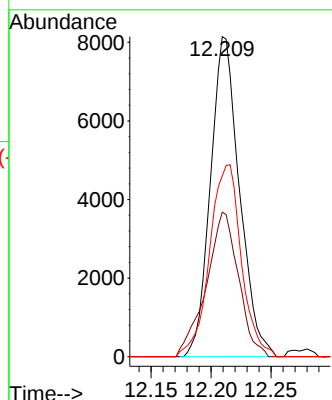
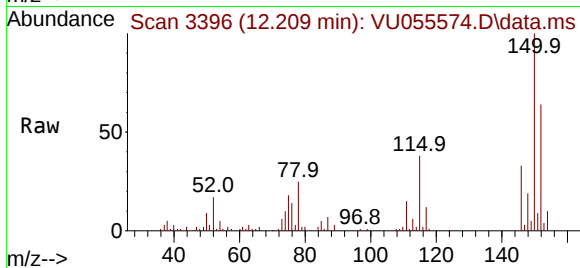
Tgt Ion:146 Resp: 13695

Ion Ratio Lower Upper

146 100

111 45.2 34.6 52.0

148 56.5 51.8 77.8



#70

1,2,4-trichlorobenzene

Concen: 0.896 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.006 min

Lab File: VU055574.D

Acq: 28 Sep 2023 13:36

Tgt Ion:180 Resp: 13976

Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

145 30.9 25.4 38.0

