

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055519.D
 Acq On : 26 Sep 2023 16:15
 Operator : MD/SY
 Sample : 04530-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ13

Quant Time: Sep 27 04:50:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

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

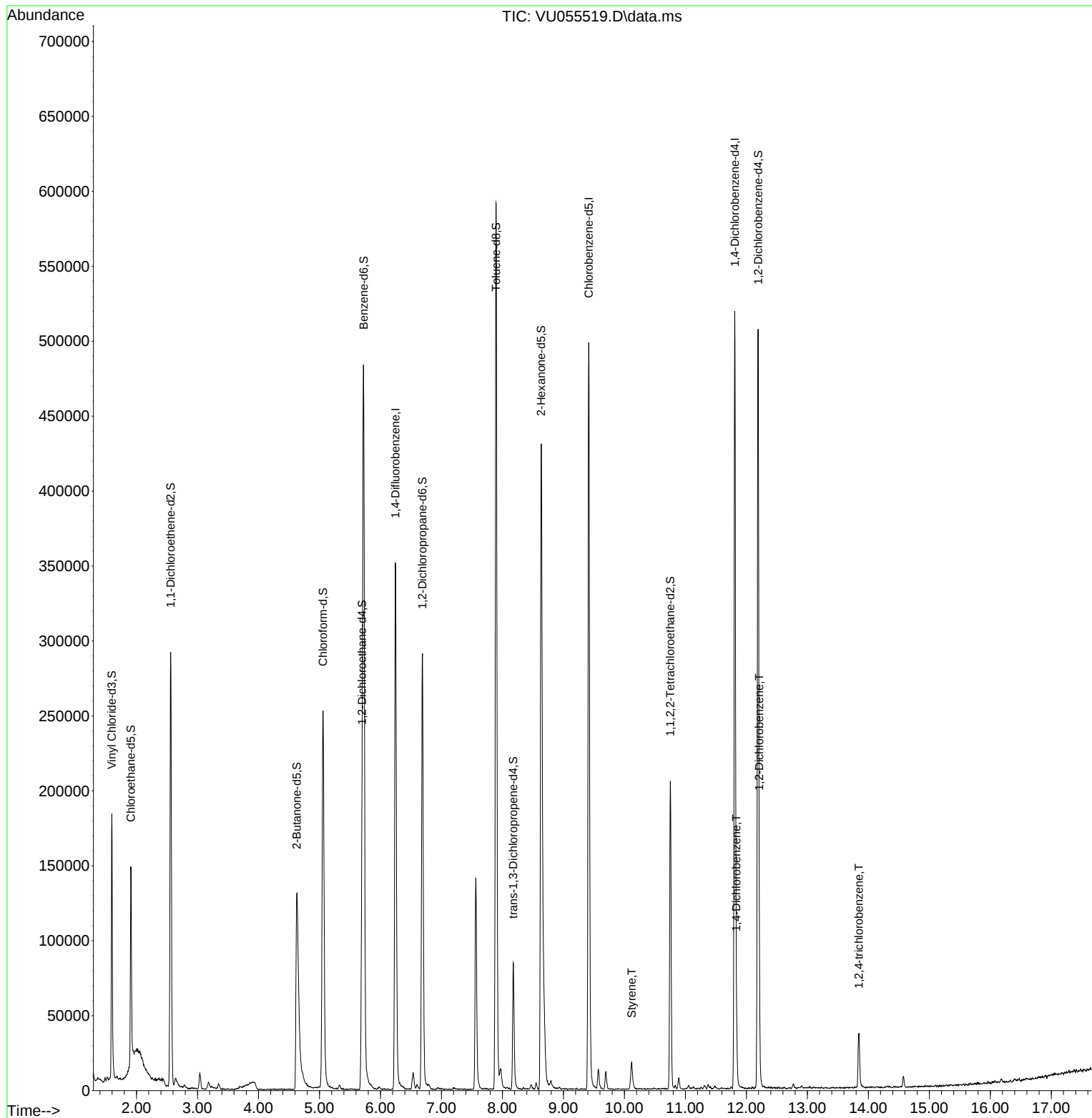
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	293270	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	293423	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	142304	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	131651	4.442	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.907	69	92109	3.526	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.560	65	54178	4.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.628	46	241254	45.062	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.120%
24) Chloroform-d	5.058	84	234141	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.698	65	113262	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.724	84	475214	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.689	67	144489	4.712	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.894	98	412947	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.177	79	51660	4.800	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.634	63	147328	45.009	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.020%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105391	4.586	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	136930	4.767	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
55) Styrene	10.119	104	9628	0.169	ug/L	94
65) 1,4-Dichlorobenzene	11.836	146	14732	0.375	ug/L	90
67) 1,2-Dichlorobenzene	12.209	146	13490	0.375	ug/L #	86
70) 1,2,4-trichlorobenzene	13.846	180	13244	0.642	ug/L	98

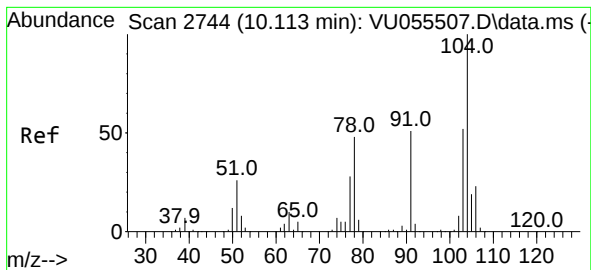
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#55

Styrene

Concen: 0.169 ug/L

RT: 10.119 min Scan# 21

Delta R.T. 0.006 min

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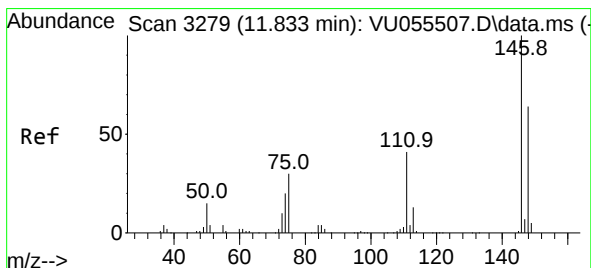
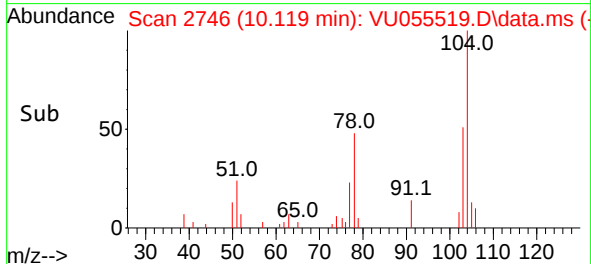
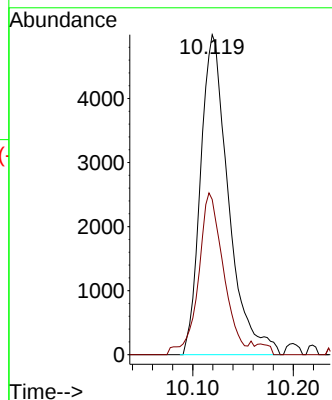
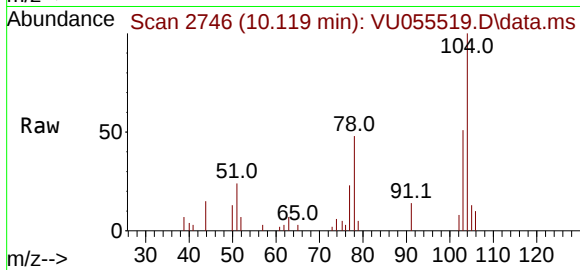
EYJ13

Tgt Ion:104 Resp: 9628

Ion Ratio Lower Upper

104 100

78 48.5 31.2 58.0



#65

1,4-Dichlorobenzene

Concen: 0.375 ug/L

RT: 11.836 min Scan# 3280

Delta R.T. 0.003 min

Lab File: VU055519.D

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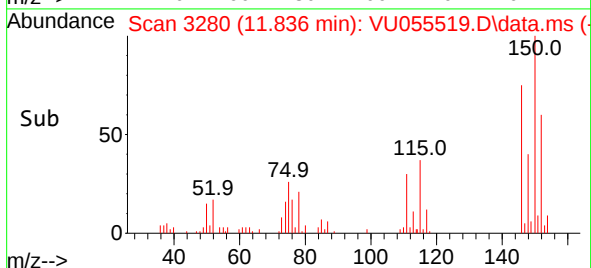
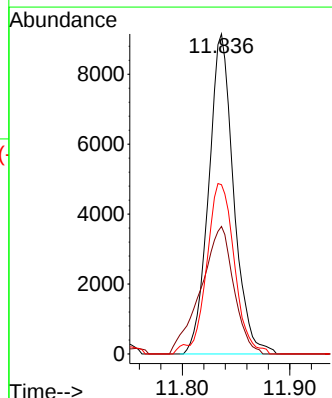
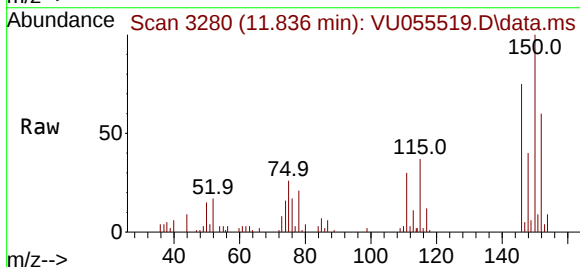
Tgt Ion:146 Resp: 14732

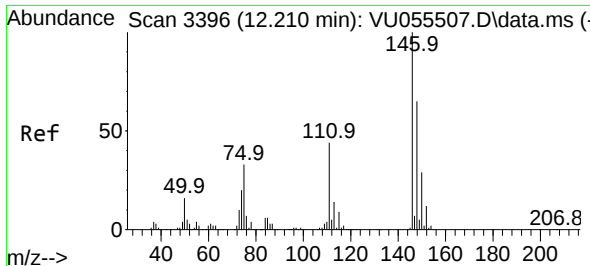
Ion Ratio Lower Upper

146 100

111 39.8 29.0 53.8

148 52.9 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 0.375 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055519.D

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Instrument :

MSVOA_U

ClientSampleId :

EYJ13

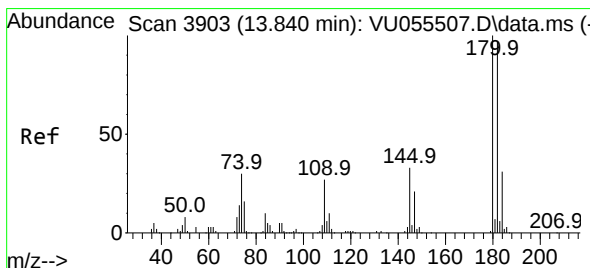
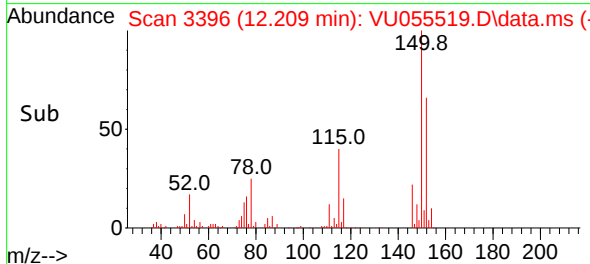
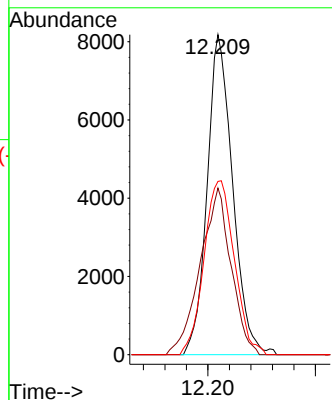
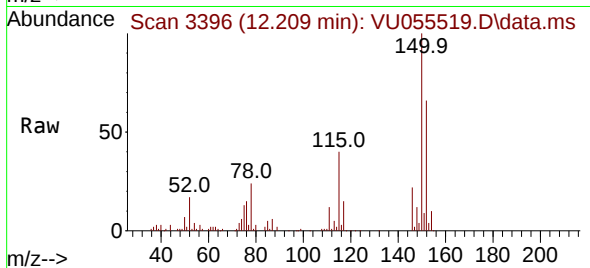
Tgt Ion:146 Resp: 13490

Ion Ratio Lower Upper

146 100

111 52.0 34.6 52.0#

148 54.2 51.8 77.8



#70

1,2,4-trichlorobenzene

Concen: 0.642 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.006 min

Lab File: VU055519.D

Acq: 26 Sep 2023 16:15

Tgt Ion:180 Resp: 13244

Ion Ratio Lower Upper

180 100

182 96.9 76.4 114.6

145 34.6 25.4 38.0

