

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
 Data File : VU059920.D
 Acq On : 12 Jul 2024 14:39
 Operator : MD/SY
 Sample : P3217-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZC4

Quant Time: Jul 13 03:56:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 13 03:52:33 2024
 Response via : Initial Calibration

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

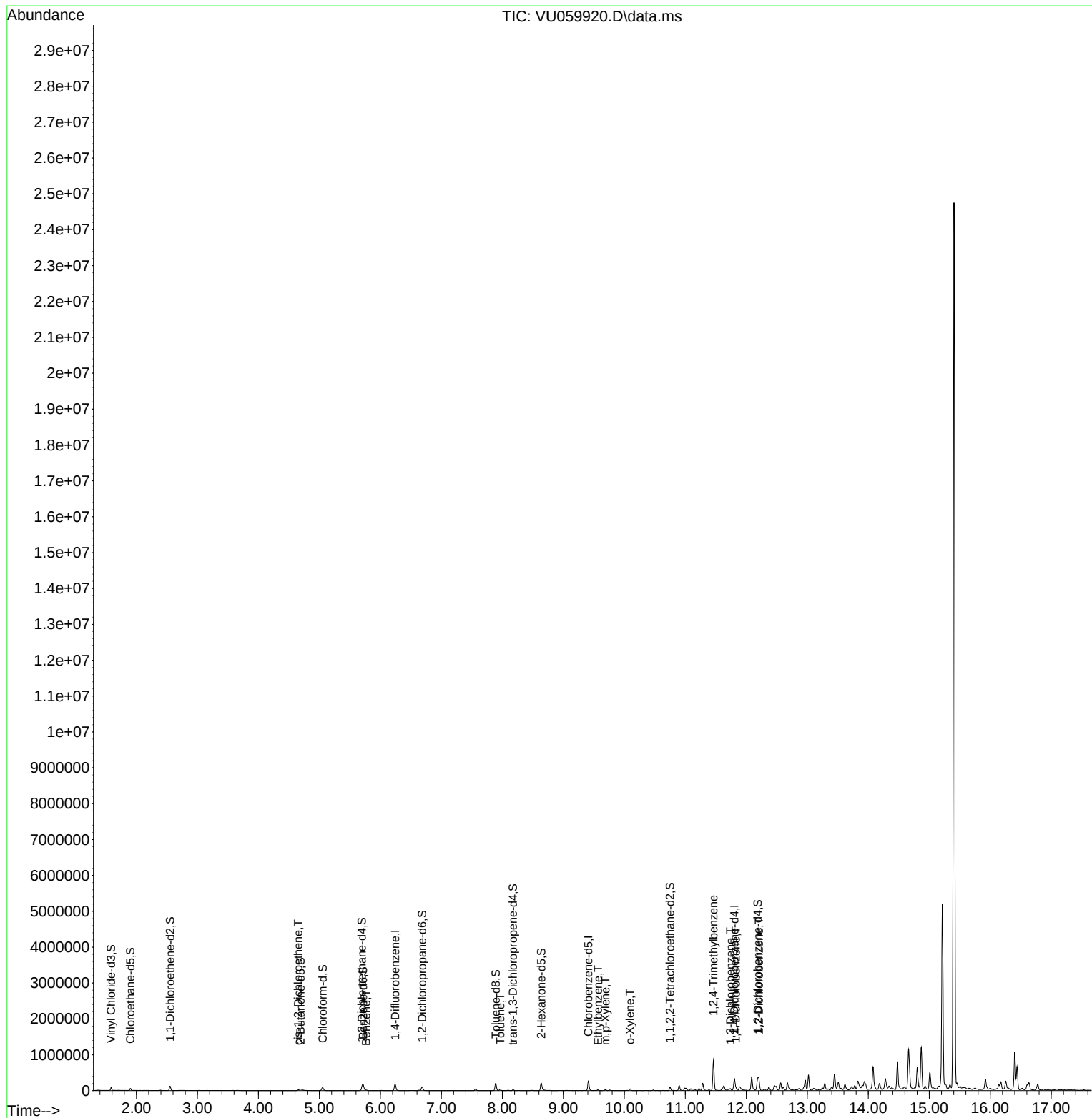
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	153679	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	159998	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	89799	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	53160	4.975	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.901	69	43535	4.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.551	65	21567	4.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.689	46	91390	41.519	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.040%
24) Chloroform-d	5.052	84	83802	3.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
26) 1,2-Dichloroethane-d4	5.695	65	41844	3.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
32) Benzene-d6	5.714	84	171130	3.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	6.682	67	52348	3.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.600%
41) Toluene-d8	7.891	98	146741	3.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.174	79	17827	4.219	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.637	63	81115	46.205	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	45868	4.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	66016	4.130	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.653	96	11052	0.885	ug/L	93
33) Benzene	5.766	78	19875	0.409	ug/L	100
42) Toluene	7.965	91	32171	0.625	ug/L	99
52) Ethylbenzene	9.566	91	15941	0.302	ug/L	94
53) m,p-Xylene	9.688	106	8123	0.401	ug/L	91
54) o-Xylene	10.094	106	13118	0.682	ug/L	95
63) 1,2,4-Trimethylbenzene	11.460	105	448982	10.686	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	6634	0.235	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	23732	0.817	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	107142	4.035	ug/L	97

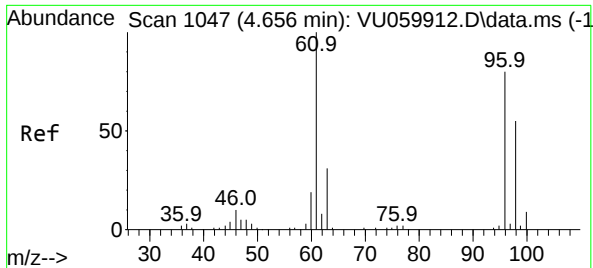
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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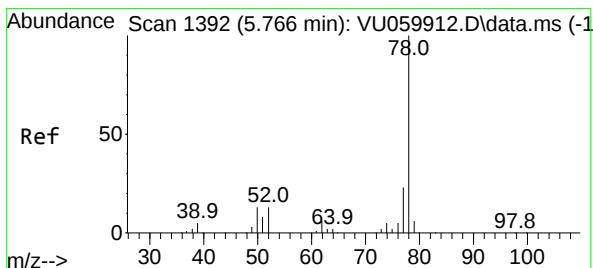
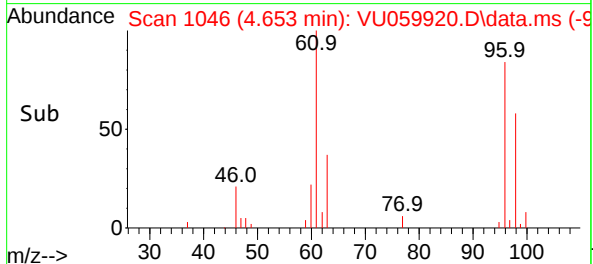
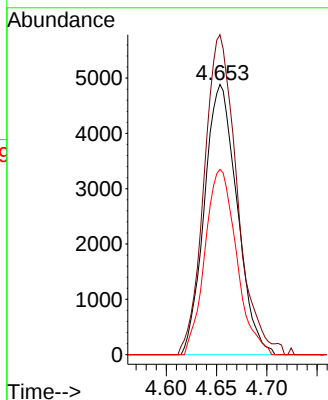
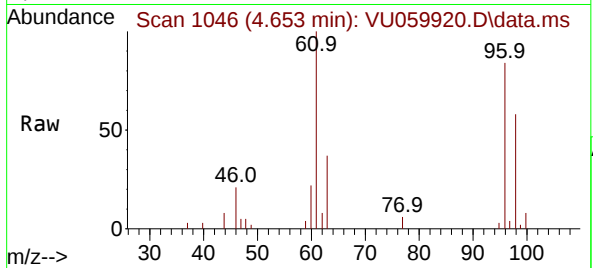




#22
 cis-1,2-Dichloroethene
 Concen: 0.885 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU059920.D
 Acq: 12 Jul 2024 14:39

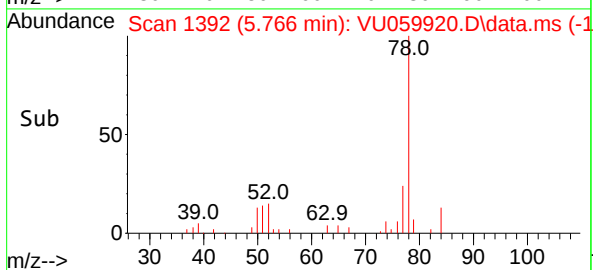
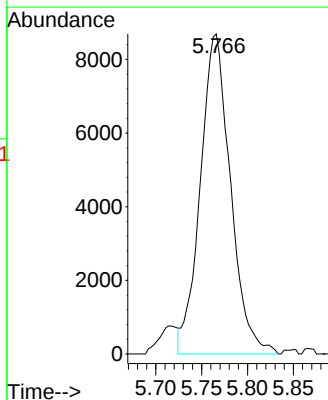
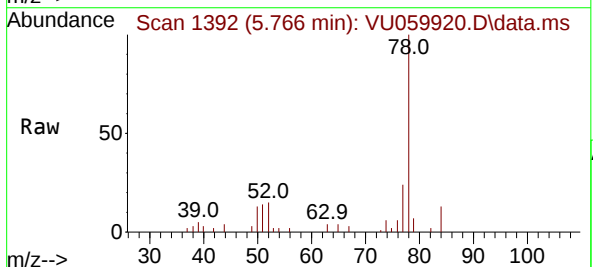
Instrument :
 MSVOA_U
 ClientSampleId :
 YDZC4

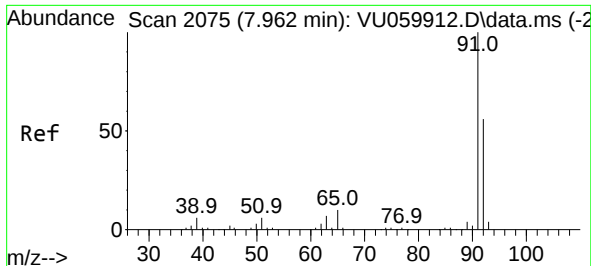
Tgt Ion: 96 Resp: 11052
 Ion Ratio Lower Upper
 96 100
 61 118.4 87.4 162.2
 98 68.6 42.3 78.5



#33
 Benzene
 Concen: 0.409 ug/L
 RT: 5.766 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VU059920.D
 Acq: 12 Jul 2024 14:39

Tgt Ion: 78 Resp: 19875





#42

Toluene

Concen: 0.625 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU059920.D

Acq: 12 Jul 2024 14:39

Instrument :

MSVOA_U

ClientSampleId :

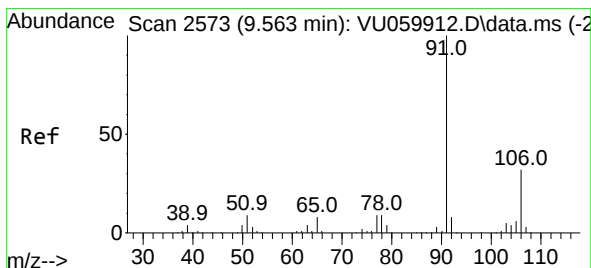
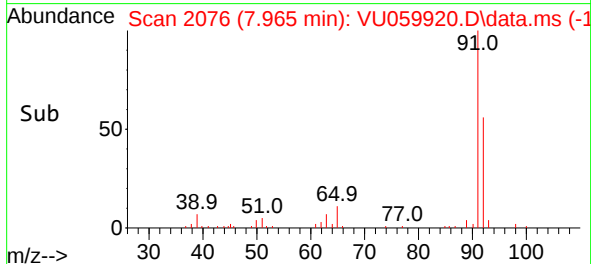
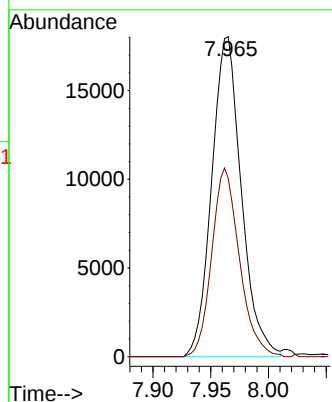
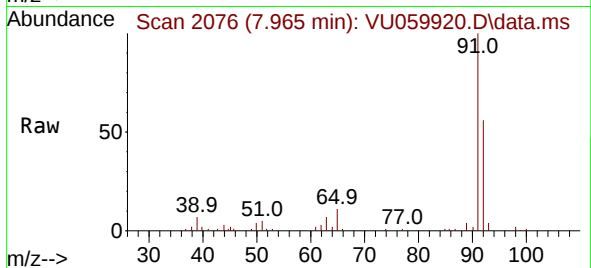
YDZC4

Tgt Ion: 91 Resp: 32171

Ion Ratio Lower Upper

91 100

92 55.8 39.7 73.7



#52

Ethylbenzene

Concen: 0.302 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU059920.D

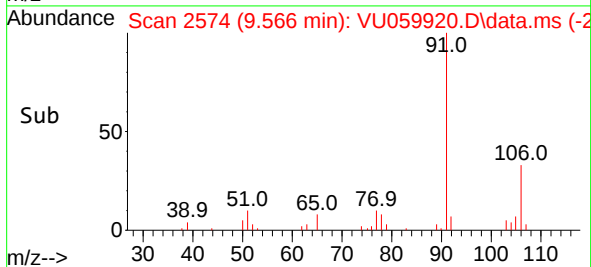
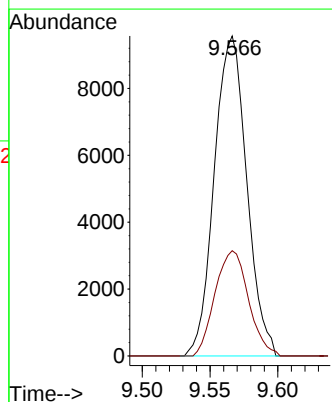
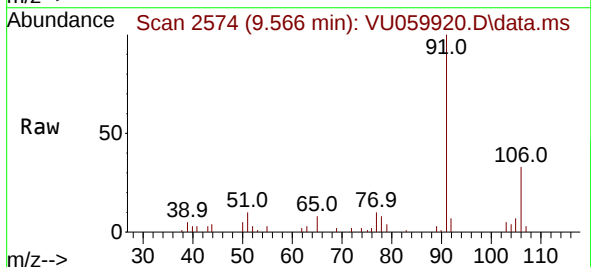
Acq: 12 Jul 2024 14:39

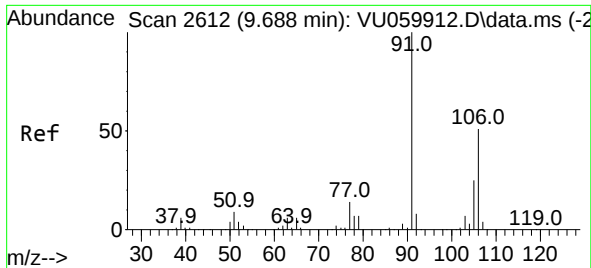
Tgt Ion: 91 Resp: 15941

Ion Ratio Lower Upper

91 100

106 32.9 20.9 38.7

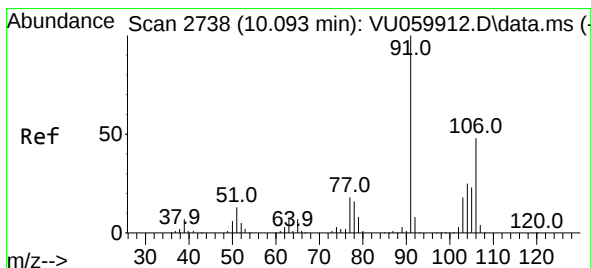
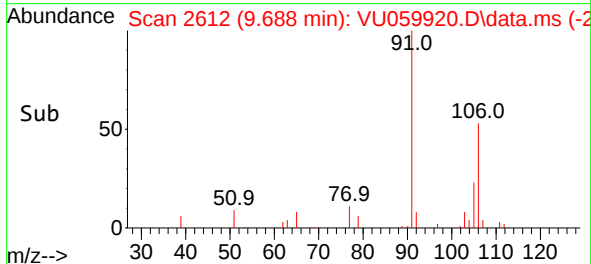
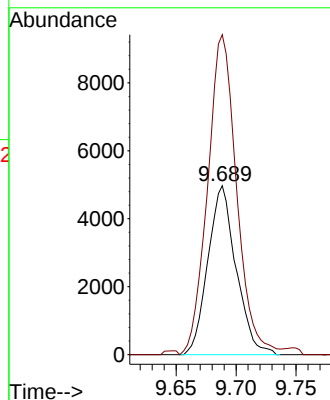
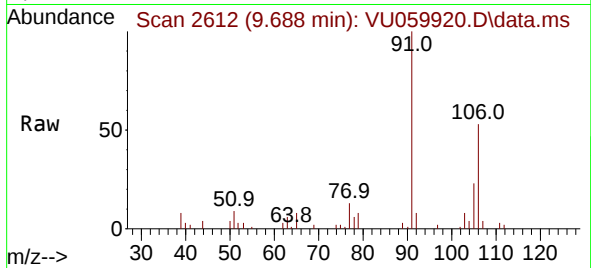




#53
m,p-Xylene
Concen: 0.401 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059920.D
Acq: 12 Jul 2024 14:39

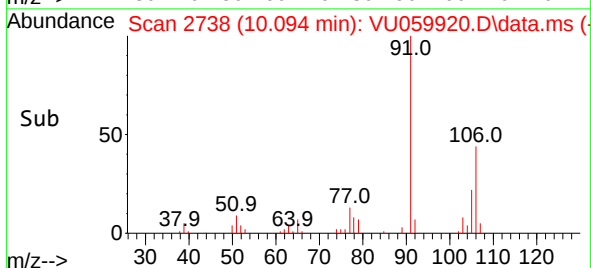
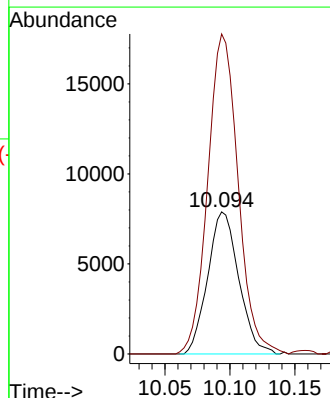
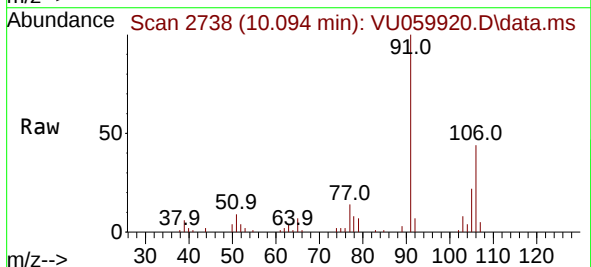
Instrument :
MSVOA_U
ClientSampleId :
YDZC4

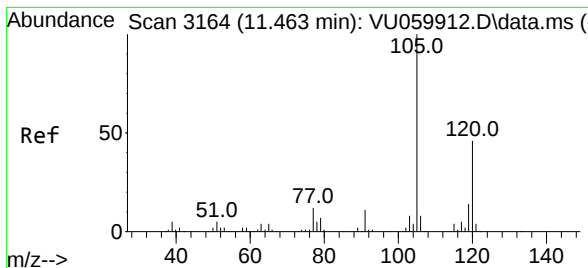
Tgt Ion:106 Resp: 8123
Ion Ratio Lower Upper
106 100
91 189.5 142.0 263.8



#54
o-Xylene
Concen: 0.682 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU059920.D
Acq: 12 Jul 2024 14:39

Tgt Ion:106 Resp: 13118
Ion Ratio Lower Upper
106 100
91 225.2 151.6 281.6





#63

1,2,4-Trimethylbenzene

Concen: 10.686 ug/L

RT: 11.460 min Scan# 3164

Delta R.T. -0.003 min

Lab File: VU059920.D

Acq: 12 Jul 2024 14:39

Instrument :

MSVOA_U

ClientSampleId :

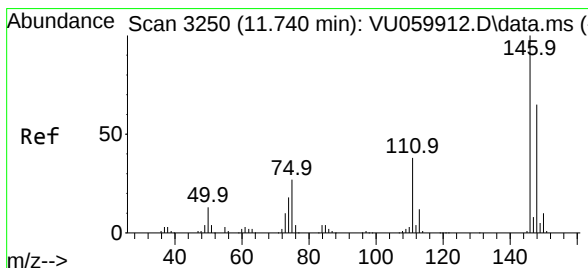
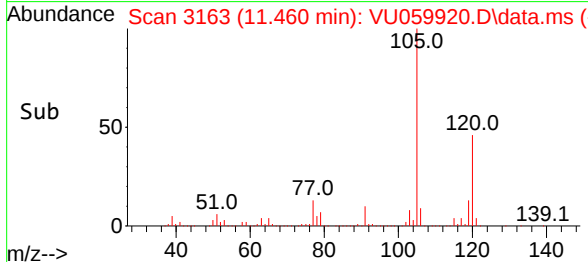
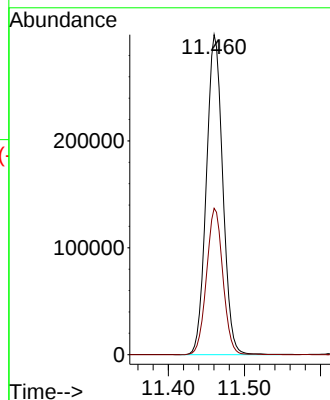
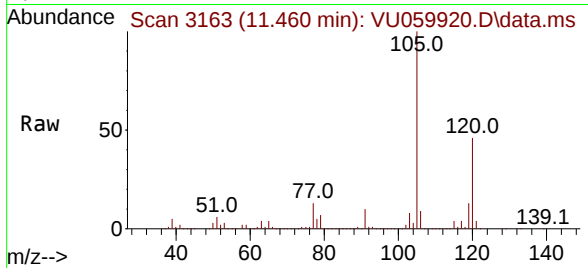
YDZC4

Tgt Ion:105 Resp: 448982

Ion Ratio Lower Upper

105 100

120 45.6 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 0.235 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU059920.D

Acq: 12 Jul 2024 14:39

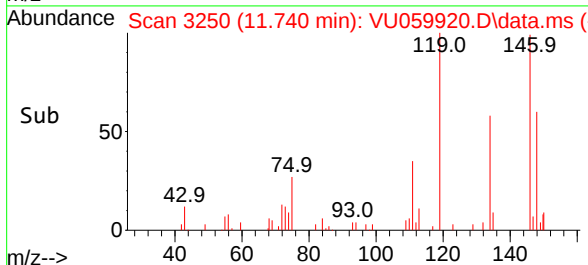
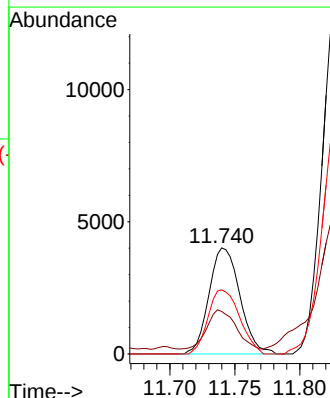
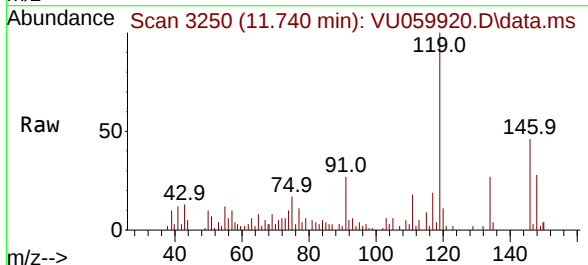
Tgt Ion:146 Resp: 6634

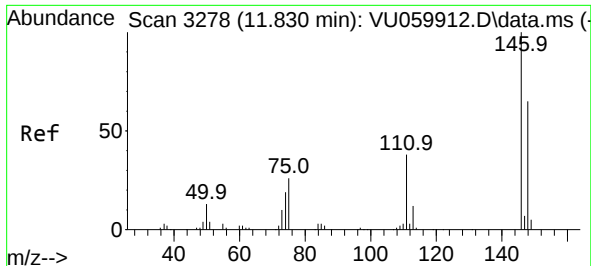
Ion Ratio Lower Upper

146 100

111 40.1 27.4 51.0

148 60.5 45.0 83.6

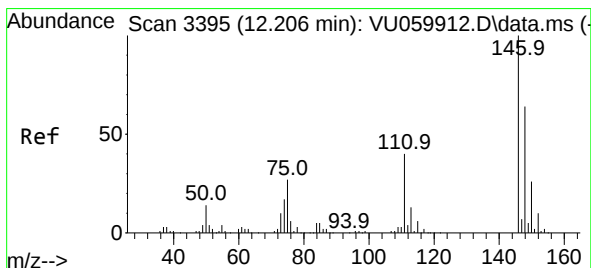
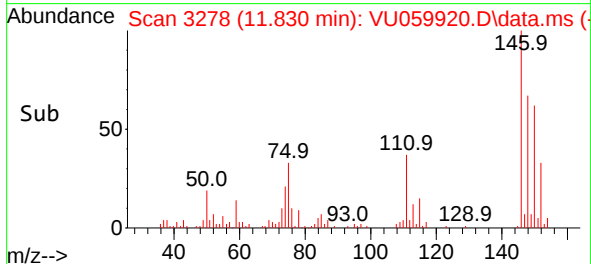
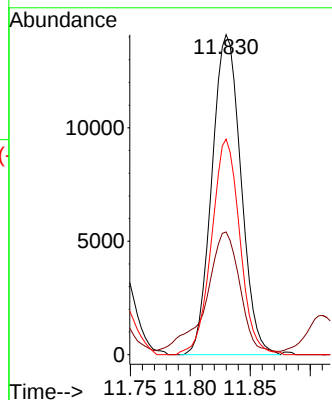
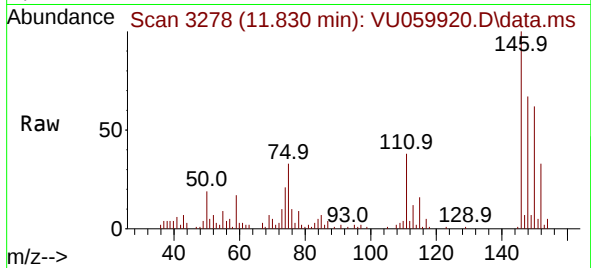




#65
1,4-Dichlorobenzene
Concen: 0.817 ug/L
RT: 11.830 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059920.D
Acq: 12 Jul 2024 14:39

Instrument :
MSVOA_U
ClientSampleId :
YDZC4

Tgt Ion:146 Resp: 23732
Ion Ratio Lower Upper
146 100
111 38.3 26.9 50.1
148 67.3 45.3 84.1



#67
1,2-Dichlorobenzene
Concen: 4.035 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU059920.D
Acq: 12 Jul 2024 14:39

Tgt Ion:146 Resp: 107142
Ion Ratio Lower Upper
146 100
111 40.8 33.4 50.0
148 64.9 49.7 74.5

