

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058384.D
 Acq On : 04 Apr 2024 22:47
 Operator : MD/SY
 Sample : P1925-15 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-8S(20240328)

Quant Time: Apr 05 00:05:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

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

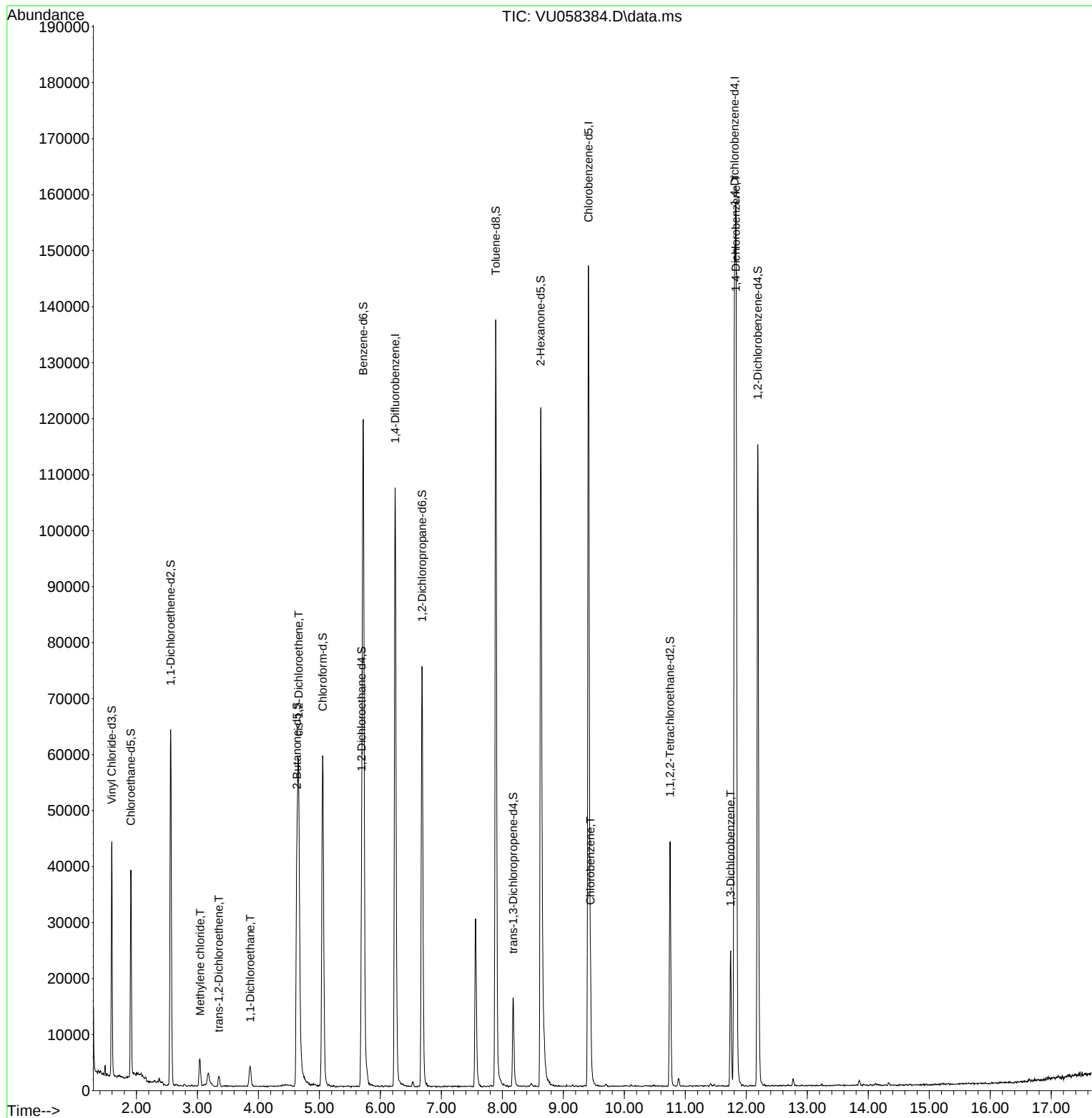
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85039	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79479	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27515	4.887	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.800%	
7) Chloroethane-d5	1.907	69	25520	5.216	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.400%	
11) 1,1-Dichloroethene-d2	2.560	65	12394	4.864	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.200%	
20) 2-Butanone-d5	4.631	46	62579	52.743	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.480%	
24) Chloroform-d	5.052	84	54613	4.859	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.692	65	27841	5.308	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
32) Benzene-d6	5.718	84	110421	5.160	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
36) 1,2-Dichloropropane-d6	6.682	67	35268	5.256	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.891	98	91658	4.830	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.600%	
43) trans-1,3-Dichloroprop...	8.177	79	9875	4.741	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.800%	
46) 2-Hexanone-d5	8.627	63	44223	51.473	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.940%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	22132	4.672	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	29839	4.959	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						
16) Methylene chloride	3.042	84	2182	0.273	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	789	0.125	ug/L	90
19) 1,1-Dichloroethane	3.866	63	5157	0.374	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	21817	3.076	ug/L	99
51) Chlorobenzene	9.444	112	9561	0.523	ug/L	92
64) 1,3-Dichlorobenzene	11.743	146	9817	0.773	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	54864	4.432	ug/L	99

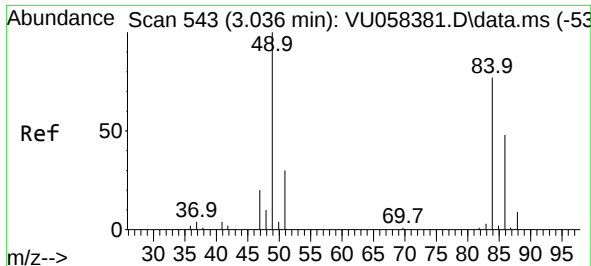
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
Data File : VU058384.D
Acq On : 04 Apr 2024 22:47
Operator : MD/SY
Sample : P1925-15 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-8S(20240328)

Quant Time: Apr 05 00:05:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 05 00:02:56 2024
Response via : Initial Calibration

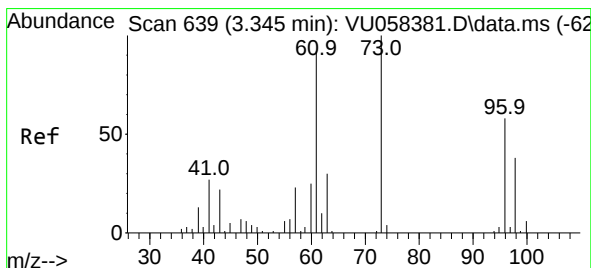
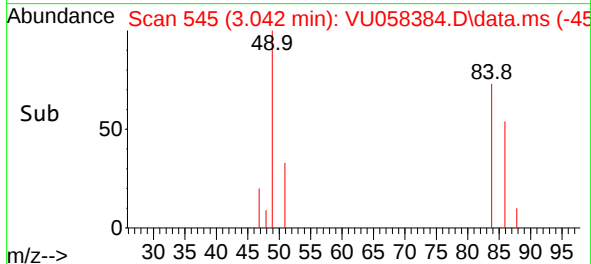
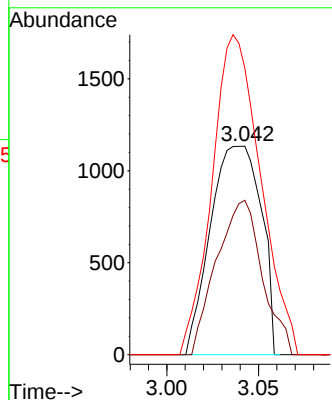
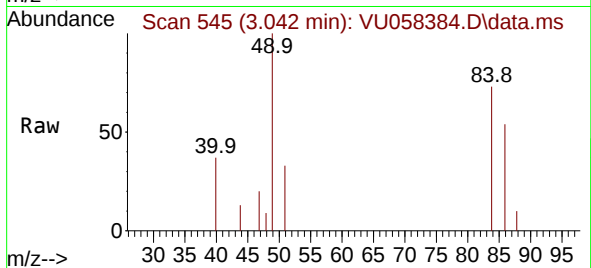




#16
Methylene chloride
Concen: 0.273 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.006 min
Lab File: VU058384.D
Acq: 04 Apr 2024 22:47

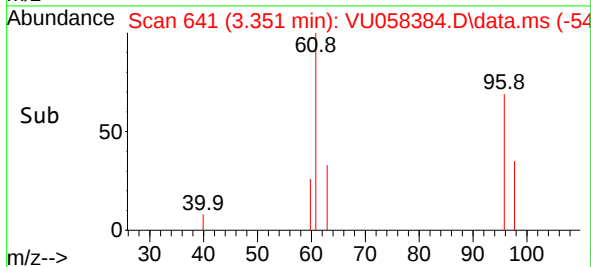
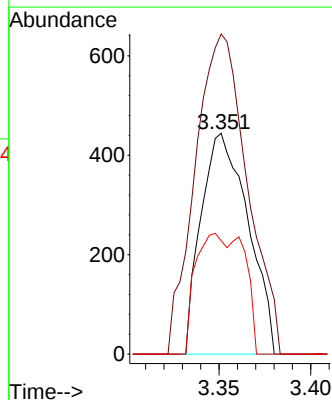
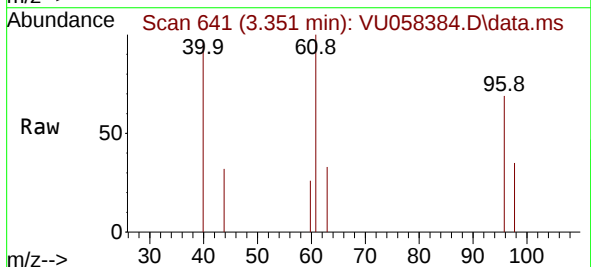
Instrument :
MSVOA_U
ClientSampleId :
PMW-8S(20240328)

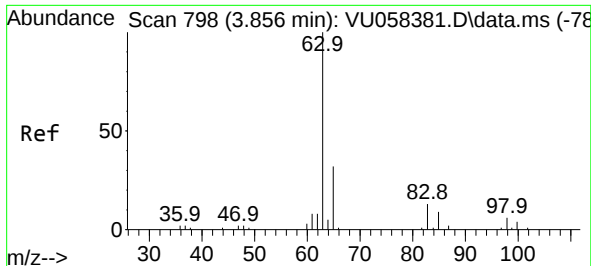
Tgt Ion: 84 Resp: 2182
Ion Ratio Lower Upper
84 100
86 74.1 44.3 82.3
49 137.4 96.0 178.2



#18
trans-1,2-Dichloroethene
Concen: 0.125 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU058384.D
Acq: 04 Apr 2024 22:47

Tgt Ion: 96 Resp: 789
Ion Ratio Lower Upper
96 100
61 145.0 107.6 199.8
98 51.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.374 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.010 min

Lab File: VU058384.D

Acq: 04 Apr 2024 22:47

Instrument :

MSVOA_U

ClientSampleId :

PMW-8S(20240328)

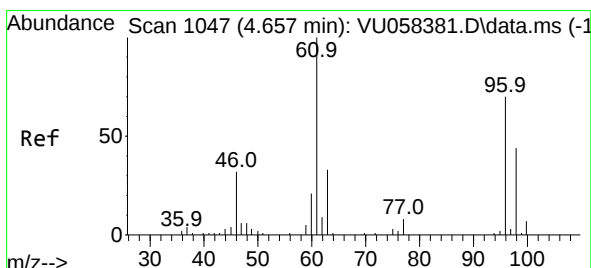
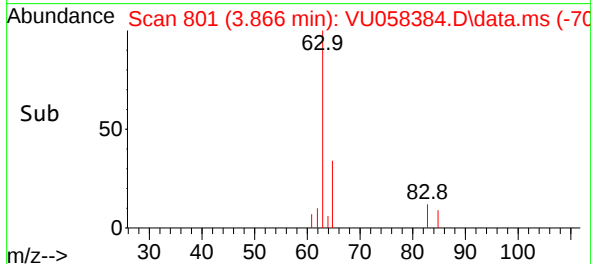
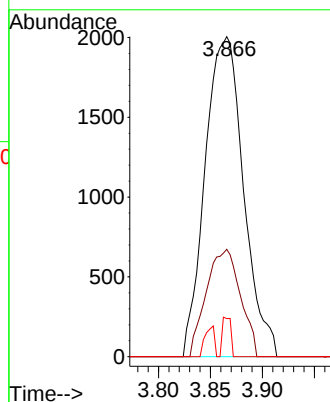
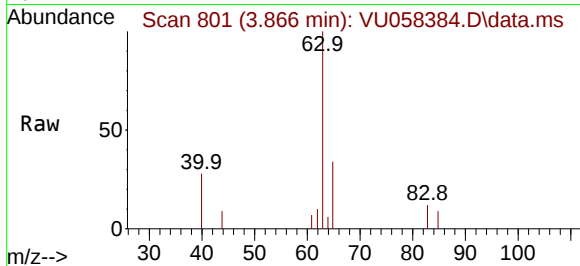
Tgt Ion: 63 Resp: 5157

Ion Ratio Lower Upper

63 100

65 33.6 22.9 42.5

83 11.9 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 3.076 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU058384.D

Acq: 04 Apr 2024 22:47

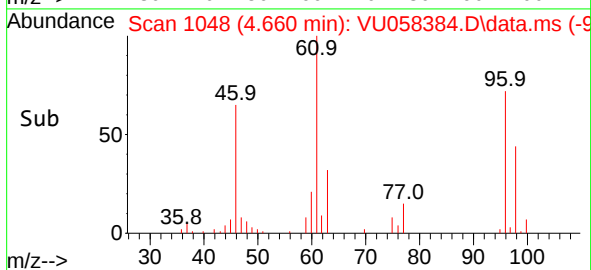
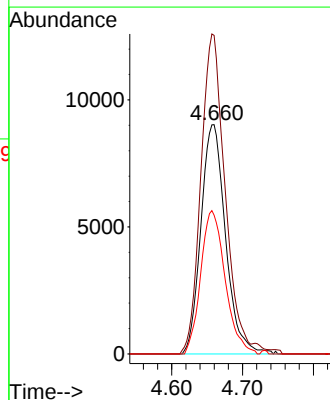
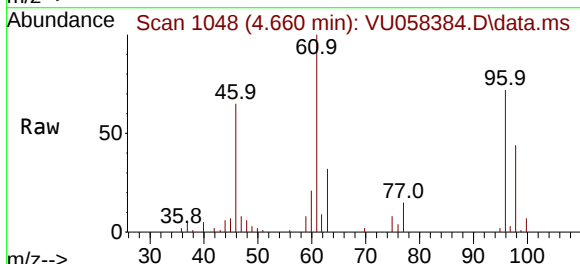
Tgt Ion: 96 Resp: 21817

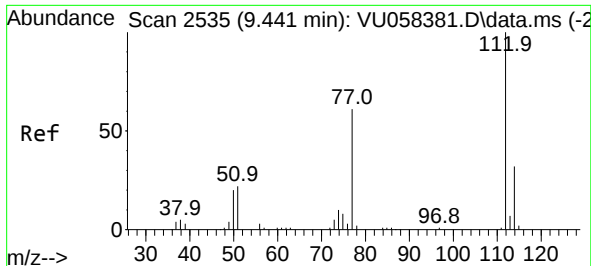
Ion Ratio Lower Upper

96 100

61 138.9 98.1 182.3

98 60.5 43.6 81.0

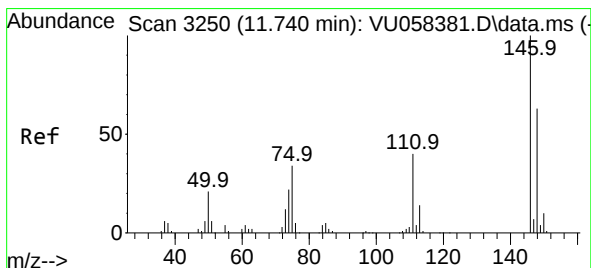
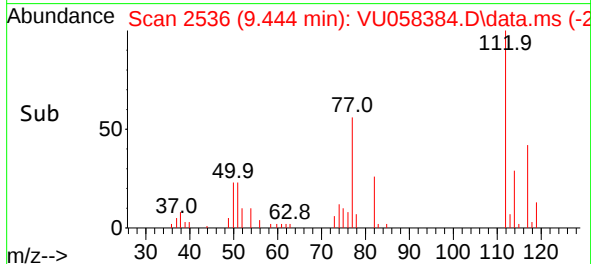
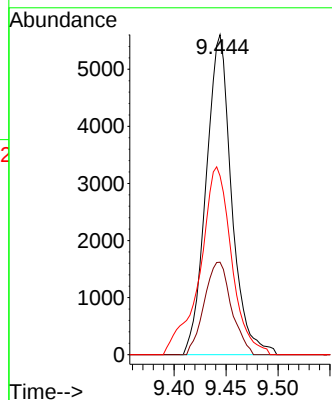
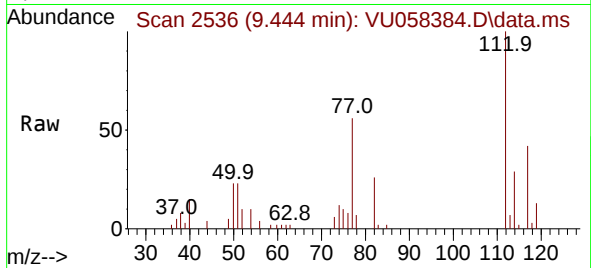




#51
Chlorobenzene
Concen: 0.523 ug/L
RT: 9.444 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU058384.D
Acq: 04 Apr 2024 22:47

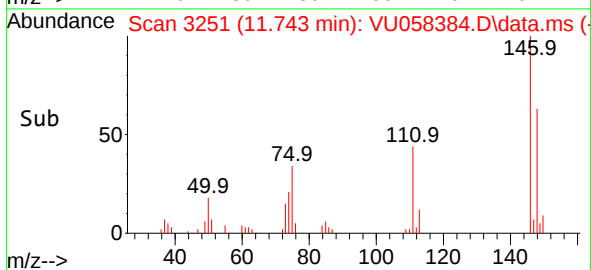
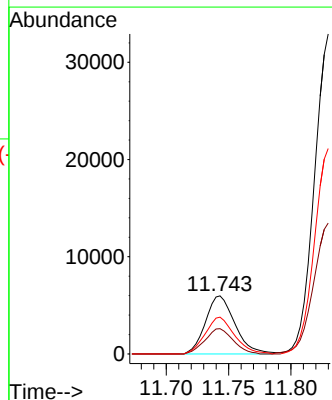
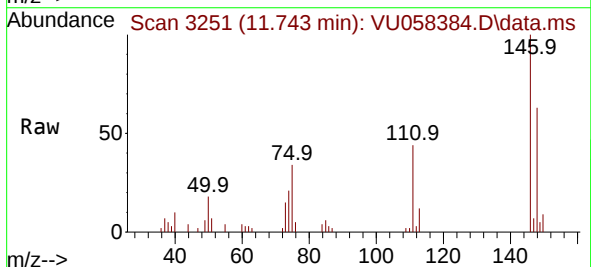
Instrument :
MSVOA_U
ClientSampleId :
PMW-8S(20240328)

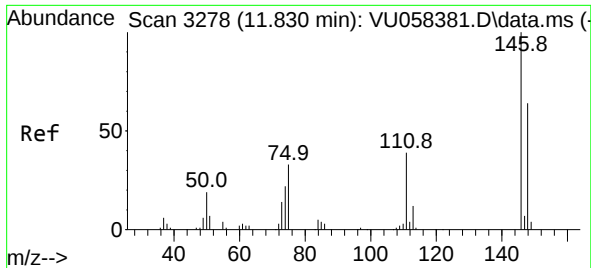
Tgt Ion:112 Resp: 9561
Ion Ratio Lower Upper
112 100
114 28.9 22.4 41.6
77 55.9 50.1 75.1



#64
1,3-Dichlorobenzene
Concen: 0.773 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU058384.D
Acq: 04 Apr 2024 22:47

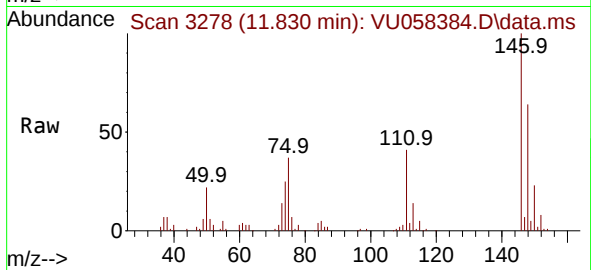
Tgt Ion:146 Resp: 9817
Ion Ratio Lower Upper
146 100
111 43.6 28.8 53.4
148 63.5 44.9 83.3





#65
 1,4-Dichlorobenzene
 Concen: 4.432 ug/L
 RT: 11.830 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU058384.D
 Acq: 04 Apr 2024 22:47

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-8S(20240328)



Tgt Ion:146 Resp: 54864
 Ion Ratio Lower Upper
 146 100
 111 40.9 28.8 53.6
 148 64.2 45.3 84.1

