

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055620.D
 Acq On : 02 Oct 2023 22:11
 Operator : MD/SY
 Sample : 04679-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-10(20230927)

Quant Time: Oct 03 06:24:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 03 06:03:59 2023
 Response via : Initial Calibration

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

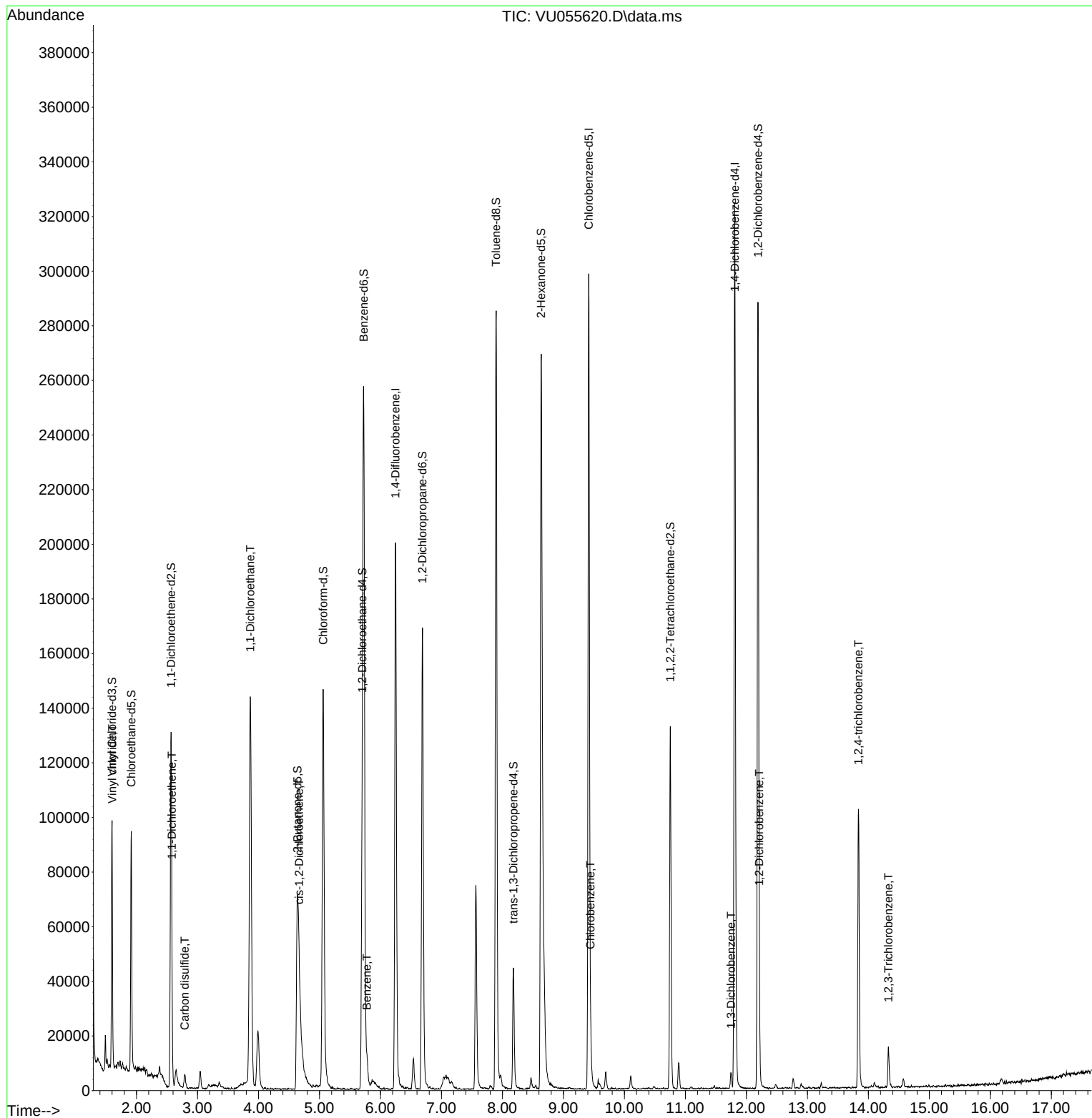
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	162935	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	168651	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	83564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	60792	3.692	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.914	69	60934	4.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.567	65	24044	3.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	4.637	46	166884	56.106	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.220%
24) Chloroform-d	5.062	84	134627	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.702	65	66653	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.724	84	246922	4.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.689	67	81406	4.619	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.898	98	197798	3.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.181	79	26579	4.297	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.634	63	89505	47.574	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.140%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	65545	4.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	73096	4.334	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
5) Vinyl chloride	1.602	62	3418	0.227	ug/L #	62
12) 1,1-Dichloroethene	2.579	96	2246	0.197	ug/L #	1
14) Carbon disulfide	2.792	76	6795	0.198	ug/L	95
19) 1,1-Dichloroethane	3.866	63	163801	7.714	ug/L	99
22) cis-1,2-Dichloroethene	4.666	96	1986	0.149	ug/L	92
33) Benzene	5.779	78	6646	0.137	ug/L	100
51) Chlorobenzene	9.444	112	7013	0.211	ug/L	90
64) 1,3-Dichlorobenzene	11.749	146	2756	0.120	ug/L	89
67) 1,2-Dichlorobenzene	12.212	146	5620	0.266	ug/L #	90
70) 1,2,4-trichlorobenzene	13.839	180	31427	2.596	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	4559	0.433	ug/L	93

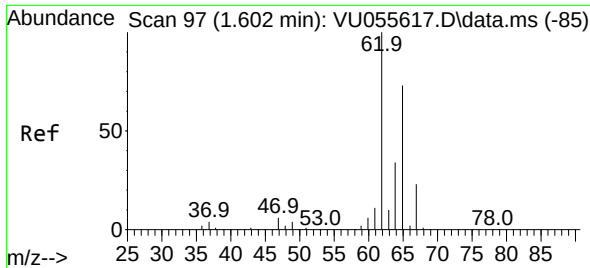
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
Data File : VU055620.D
Acq On : 02 Oct 2023 22:11
Operator : MD/SY
Sample : 04679-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-10(20230927)

Quant Time: Oct 03 06:24:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 03 06:03:59 2023
Response via : Initial Calibration

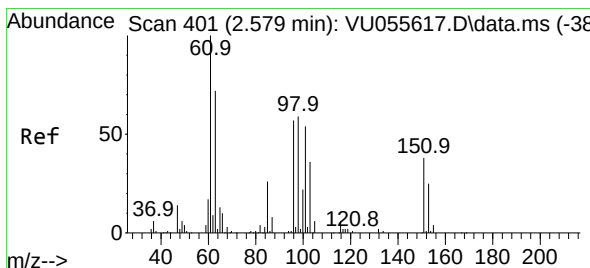
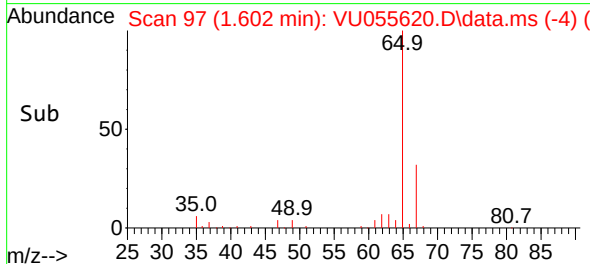
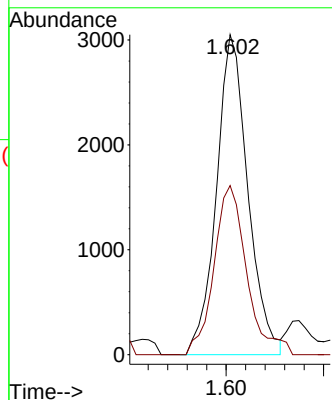
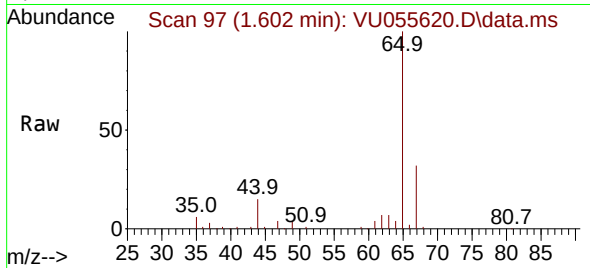




#5
 Vinyl chloride
 Concen: 0.227 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VU055620.D
 Acq: 02 Oct 2023 22:11

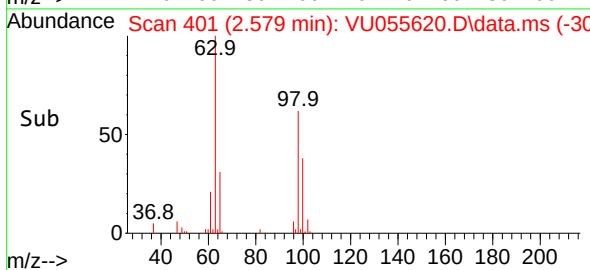
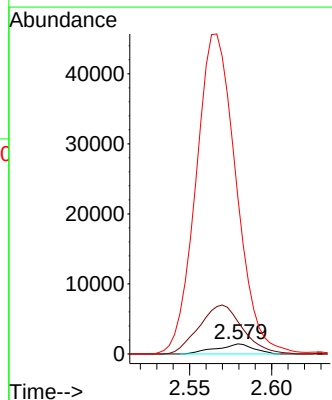
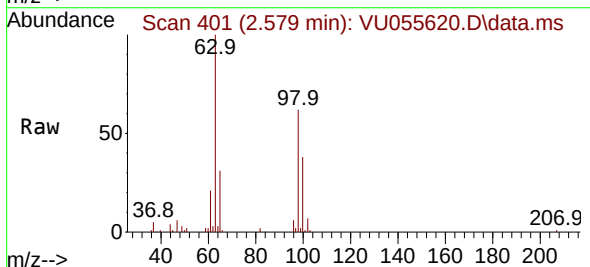
Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-10(20230927)

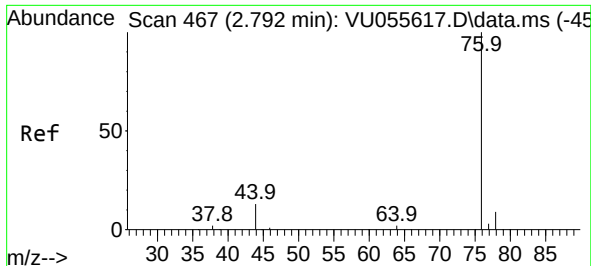
Tgt Ion: 62 Resp: 3418
 Ion Ratio Lower Upper
 62 100
 64 52.8 22.3 41.5#



#12
 1,1-Dichloroethene
 Concen: 0.197 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU055620.D
 Acq: 02 Oct 2023 22:11

Tgt Ion: 96 Resp: 2246
 Ion Ratio Lower Upper
 96 100
 61 321.0 114.5 212.7#
 63 1555.2 98.3 182.5#

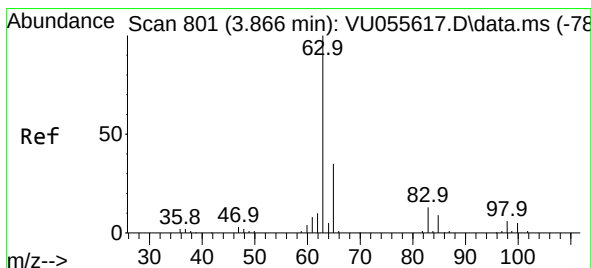
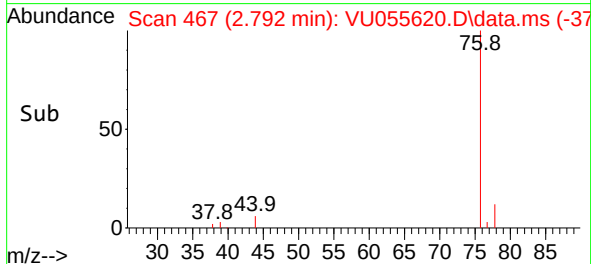
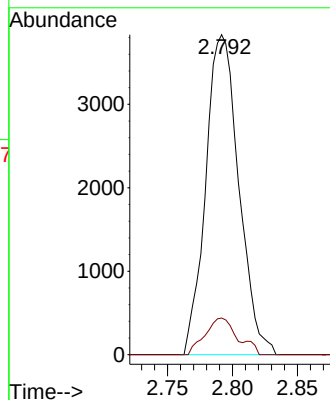
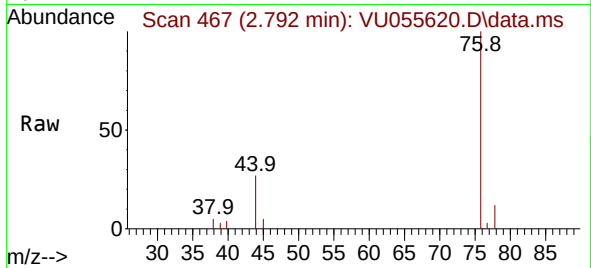




#14
Carbon disulfide
Concen: 0.198 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.000 min
Lab File: VU055620.D
Acq: 02 Oct 2023 22:11

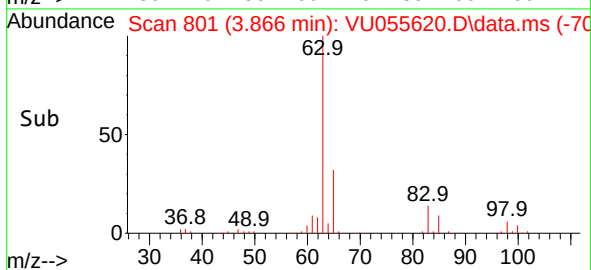
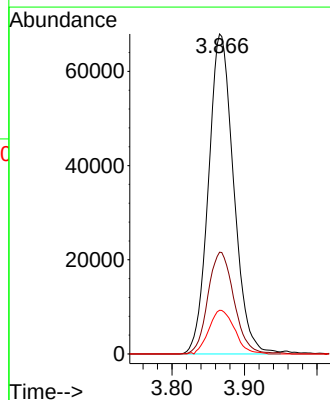
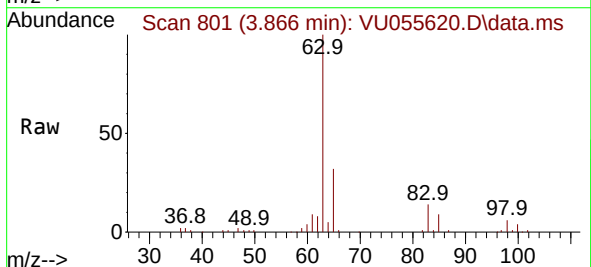
Instrument :
MSVOA_U
ClientSampleId :
PMW-10(20230927)

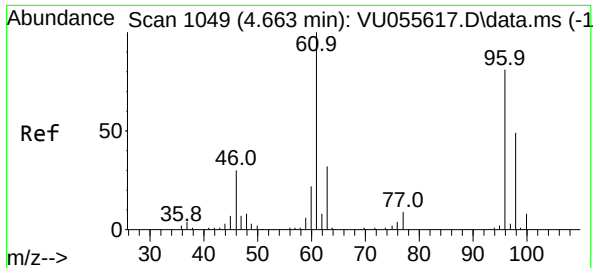
Tgt Ion: 76 Resp: 6795
Ion Ratio Lower Upper
76 100
78 11.4 7.7 11.5



#19
1,1-Dichloroethane
Concen: 7.714 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU055620.D
Acq: 02 Oct 2023 22:11

Tgt Ion: 63 Resp: 163801
Ion Ratio Lower Upper
63 100
65 31.8 22.0 41.0
83 13.6 10.1 18.9

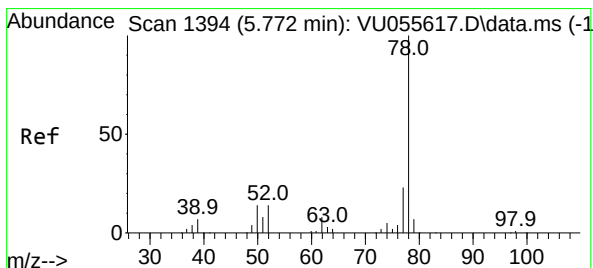
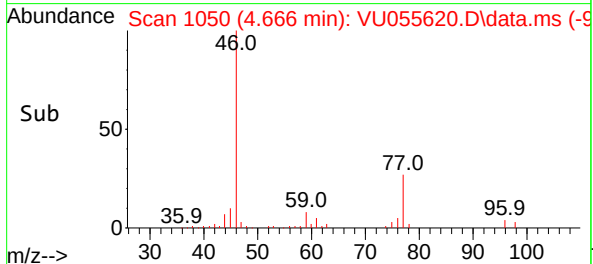
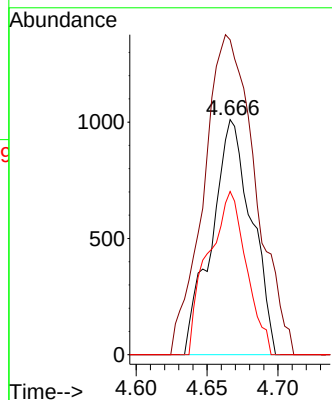
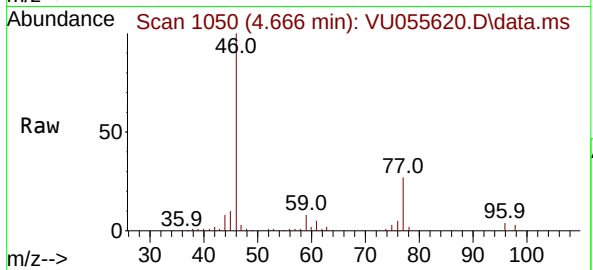




#22
 cis-1,2-Dichloroethene
 Concen: 0.149 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU055620.D
 Acq: 02 Oct 2023 22:11

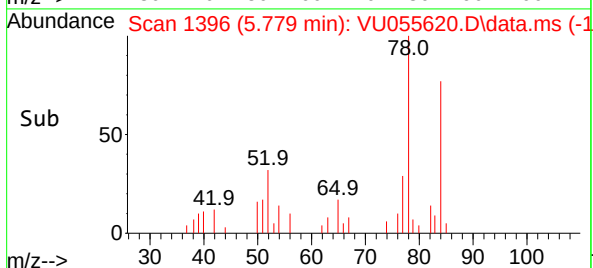
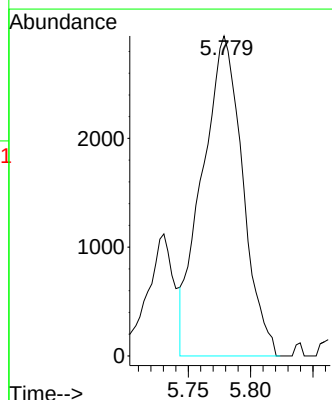
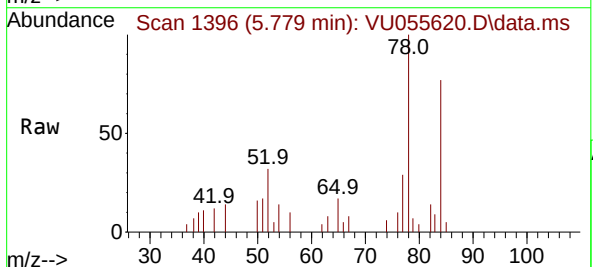
Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-10(20230927)

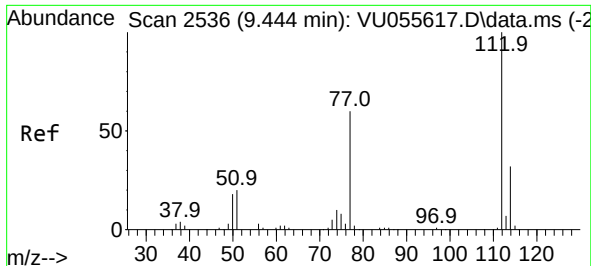
Tgt Ion:	96	Resp:	1986
Ion	Ratio	Lower	Upper
96	100		
61	133.9	87.8	163.2
98	69.4	44.4	82.4



#33
 Benzene
 Concen: 0.137 ug/L
 RT: 5.779 min Scan# 1396
 Delta R.T. 0.006 min
 Lab File: VU055620.D
 Acq: 02 Oct 2023 22:11

Tgt Ion: 78 Resp: 6646

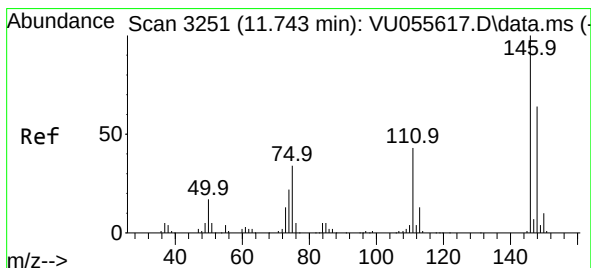
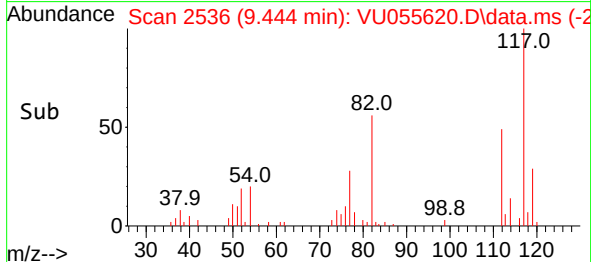
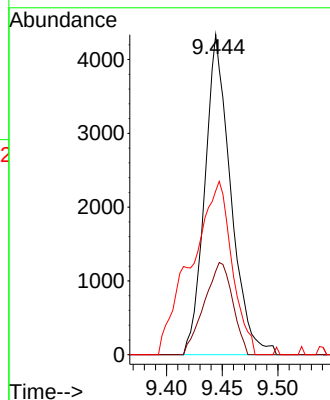
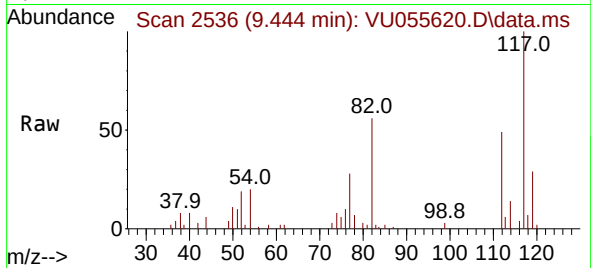




#51
Chlorobenzene
Concen: 0.211 ug/L
RT: 9.444 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055620.D
Acq: 02 Oct 2023 22:11

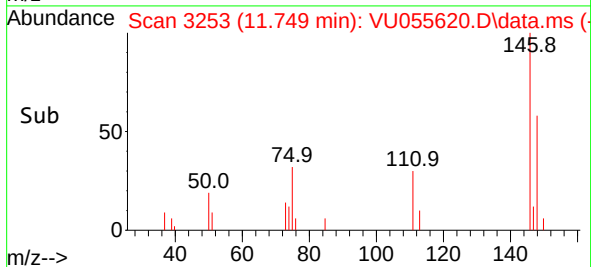
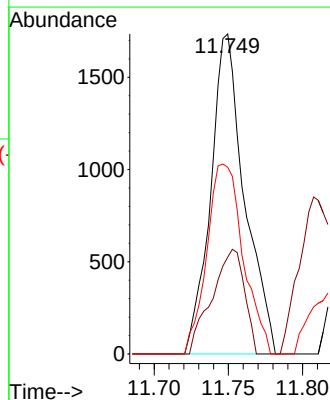
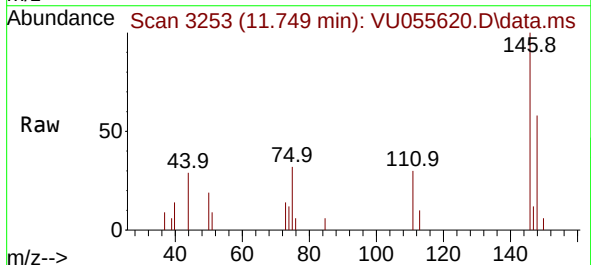
Instrument :
MSVOA_U
ClientSampleId :
PMW-10(20230927)

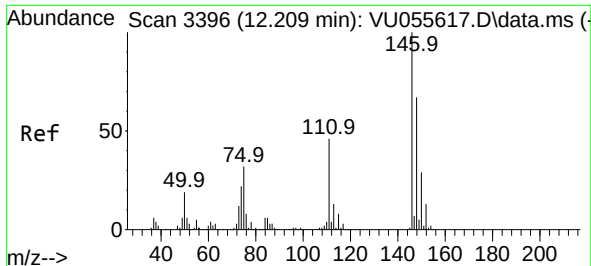
Tgt Ion:112 Resp: 7013
Ion Ratio Lower Upper
112 100
114 26.1 22.0 40.8
77 51.2 46.9 70.3



#64
1,3-Dichlorobenzene
Concen: 0.120 ug/L
RT: 11.749 min Scan# 3253
Delta R.T. 0.006 min
Lab File: VU055620.D
Acq: 02 Oct 2023 22:11

Tgt Ion:146 Resp: 2756
Ion Ratio Lower Upper
146 100
111 30.3 28.8 53.6
148 58.3 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 0.266 ug/L

RT: 12.212 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU055620.D

Acq: 02 Oct 2023 22:11

Instrument :

MSVOA_U

ClientSampleId :

PMW-10(20230927)

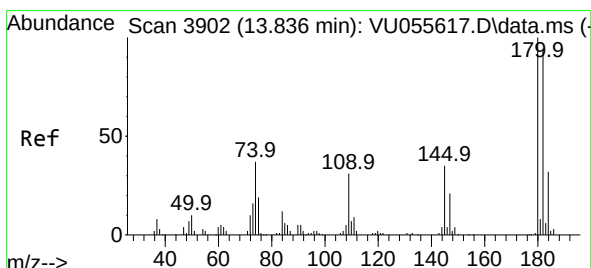
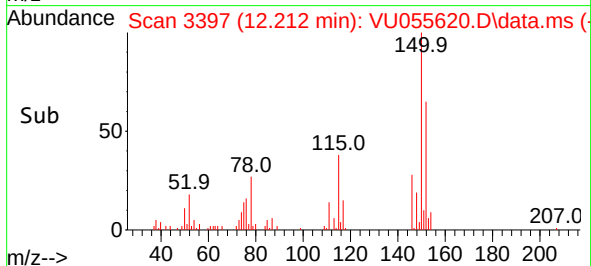
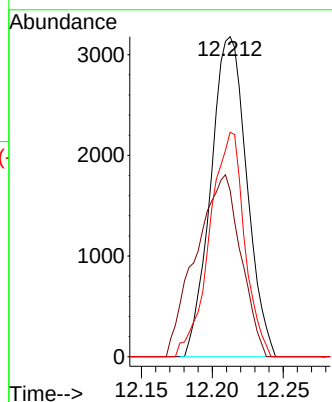
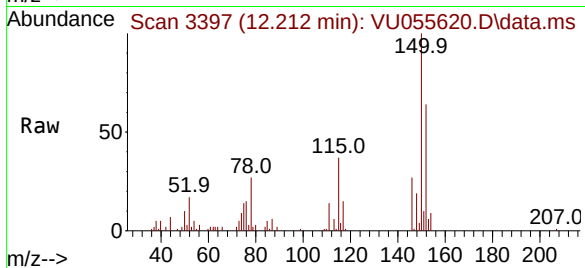
Tgt Ion:146 Resp: 5620

Ion Ratio Lower Upper

146 100

111 52.0 34.6 52.0#

148 70.2 51.8 77.8



#70

1,2,4-trichlorobenzene

Concen: 2.596 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU055620.D

Acq: 02 Oct 2023 22:11

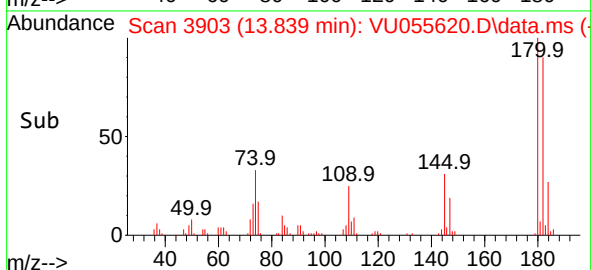
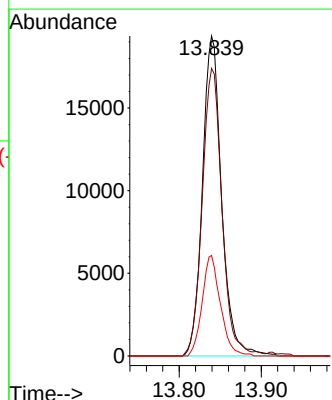
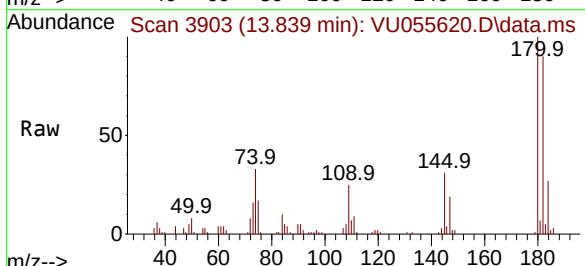
Tgt Ion:180 Resp: 31427

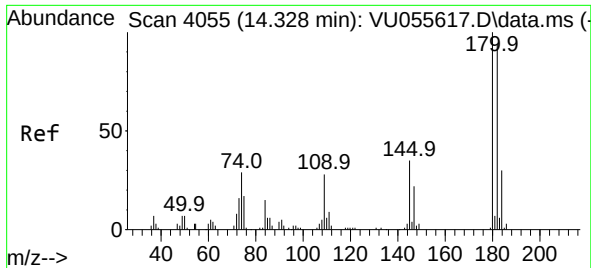
Ion Ratio Lower Upper

180 100

182 92.6 76.4 114.6

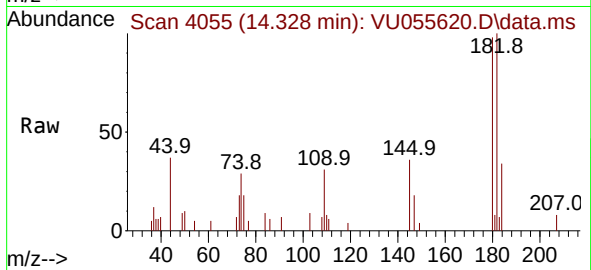
145 29.9 25.4 38.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.433 ug/L
 RT: 14.328 min Scan# 4055
 Delta R.T. 0.000 min
 Lab File: VU055620.D
 Acq: 02 Oct 2023 22:11

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-10(20230927)



Tgt Ion:	180	Resp:	4559
Ion Ratio	Lower	Upper	
180	100		
182	102.8	76.2	114.4
145	34.8	26.0	39.0

