

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
 Data File : VU061050.D
 Acq On : 01 Oct 2024 17:50
 Operator : MD/SY
 Sample : P4227-05 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-8S(20240926)

Quant Time: Oct 02 02:37:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 02 02:09:38 2024
 Response via : Initial Calibration

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

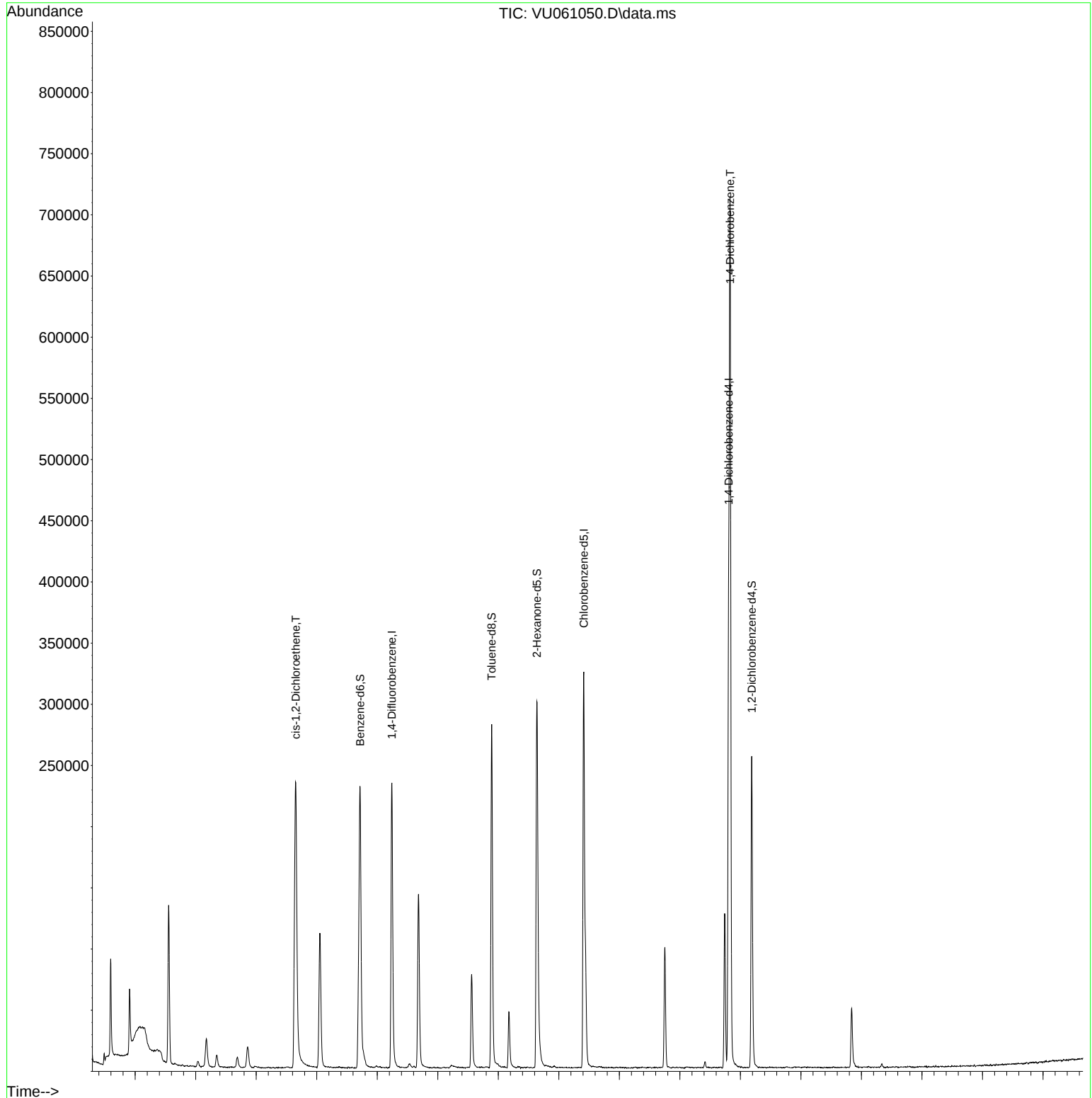
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	190190	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	177087	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	55878	4.109	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.907	69	41931	4.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.554	65	25562	4.261	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.634	46	152428	46.798	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.600%
24) Chloroform-d	5.052	84	102477	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.692	65	57639	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.718	84	210264	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.682	67	69034	4.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.891	98	191083	4.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.174	79	28535	4.352	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.637	63	127824	47.101	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.200%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51843	4.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	62357	4.493	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds					Qvalue	
5) Vinyl chloride	1.599	62	6188	0.460	ug/L	84
16) Methylene chloride	3.036	84	2416	0.192	ug/L	92
18) trans-1,2-Dichloroethene	3.348	96	4117	0.342	ug/L	74
19) 1,1-Dichloroethane	3.859	63	20491	0.875	ug/L #	93
22) cis-1,2-Dichloroethene	4.653	96	92654	6.910	ug/L	94
33) Benzene	5.766	78	7879	0.151	ug/L	100
51) Chlorobenzene	9.441	112	43211	1.276	ug/L	95
64) 1,3-Dichlorobenzene	11.740	146	47497	1.909	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	265752	10.805	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	4220	0.184	ug/L #	86
70) 1,2,4-trichlorobenzene	13.839	180	16209	1.207	ug/L	96

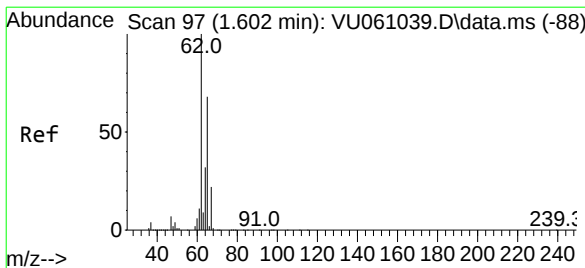
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 02 02:09:38 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.460 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.003 min

Lab File: VU061050.D

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Instrument :

MSVOA_U

ClientSampleId :

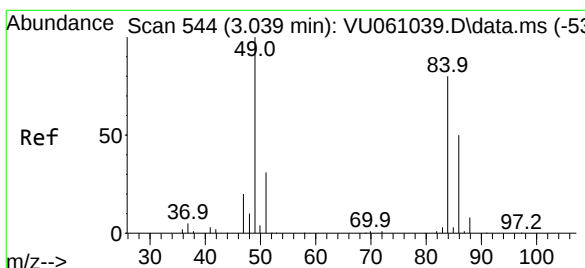
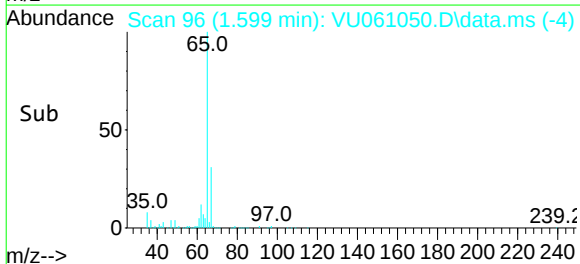
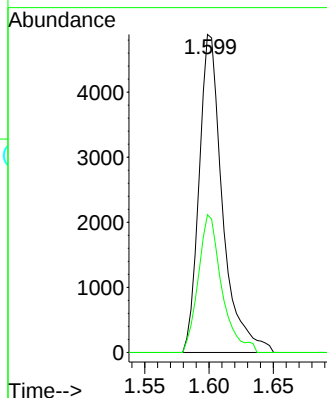
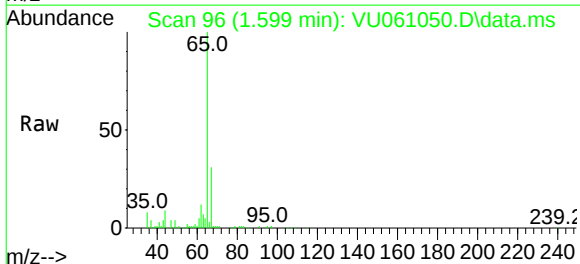
PMW-8S(20240926)

Tgt Ion: 62 Resp: 6188

Ion Ratio Lower Upper

62 100

64 43.3 24.0 44.6



#16

Methylene chloride

Concen: 0.192 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU061050.D

Acq: 01 Oct 2024 17:50

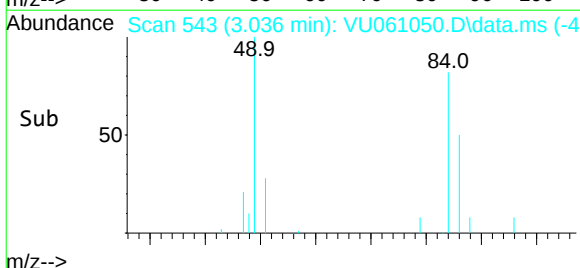
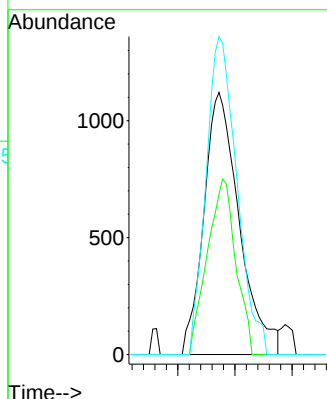
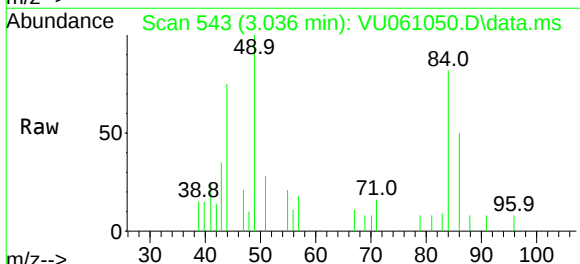
Tgt Ion: 84 Resp: 2416

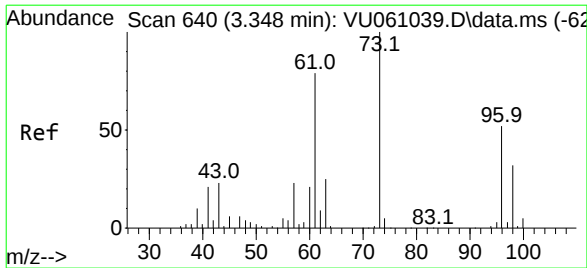
Ion Ratio Lower Upper

84 100

86 61.2 47.3 87.8

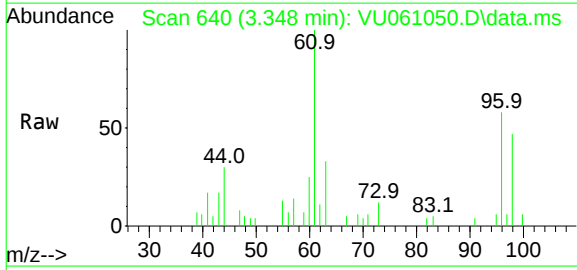
49 121.3 78.7 146.1



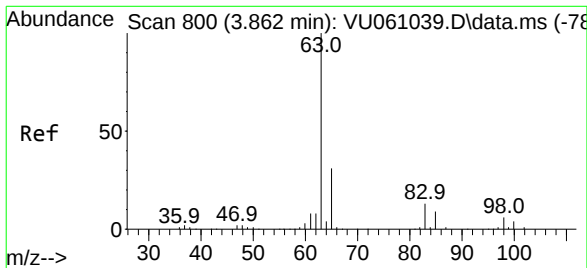
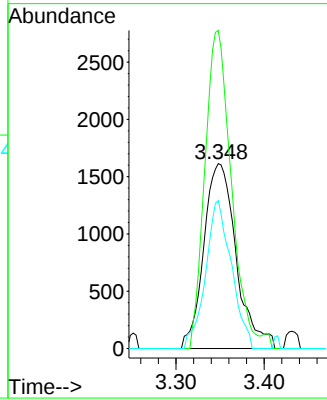
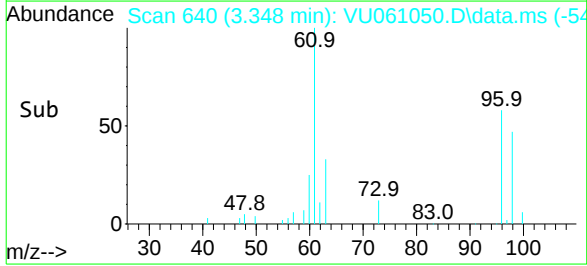


#18
trans-1,2-Dichloroethene
Concen: 0.342 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU061050.D
Acq: 01 Oct 2024 17:50

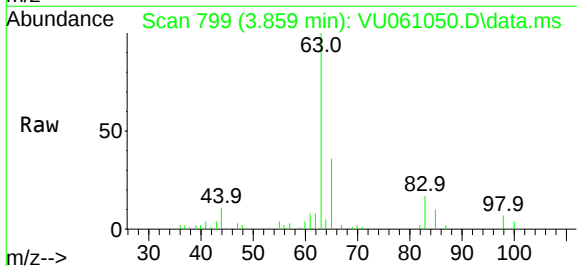
Instrument :
MSVOA_U
ClientSampleId :
PMW-8S(20240926)



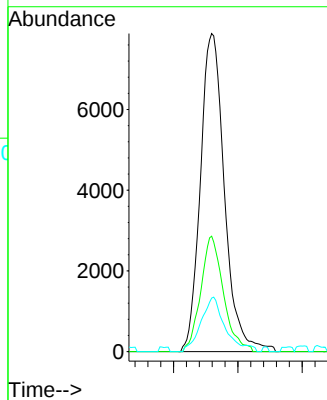
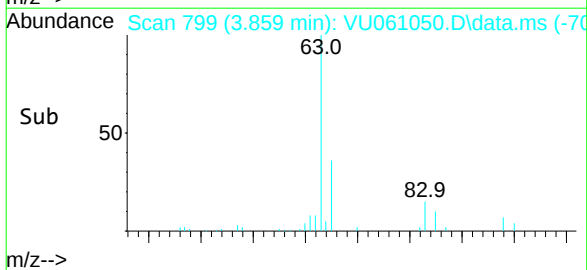
Tgt Ion:	96	Resp:	4117
Ion	Ratio	Lower	Upper
96	100		
61	172.1	97.2	180.6
98	80.0	43.3	80.5

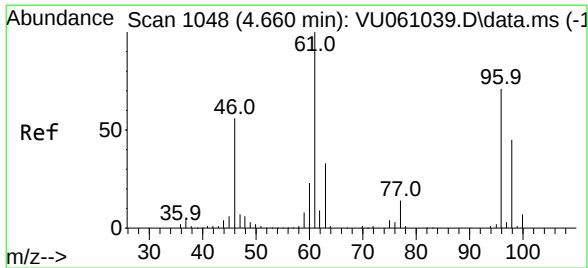


#19
1,1-Dichloroethane
Concen: 0.875 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061050.D
Acq: 01 Oct 2024 17:50



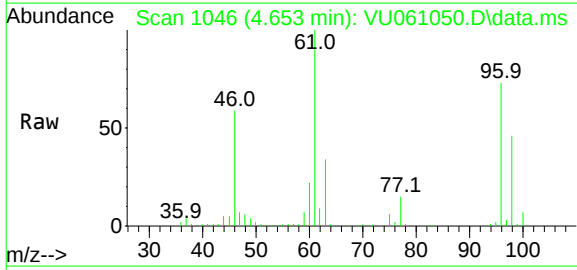
Tgt Ion:	63	Resp:	20491
Ion	Ratio	Lower	Upper
63	100		
65	36.3	23.0	42.8
83	16.8	9.0	16.6



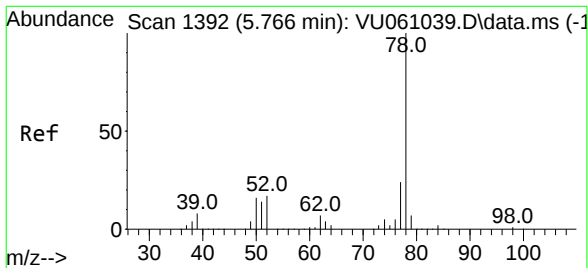
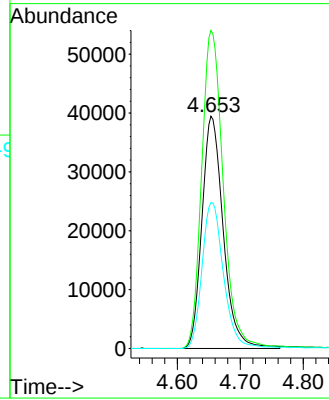
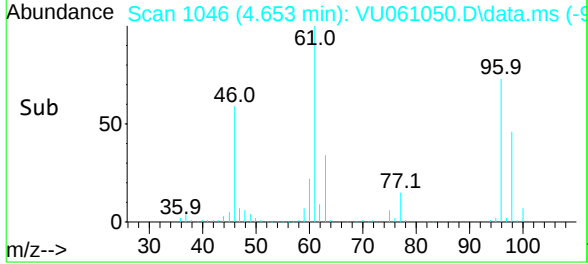


#22
 cis-1,2-Dichloroethene
 Concen: 6.910 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061050.D
 Acq: 01 Oct 2024 17:50

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-8S(20240926)

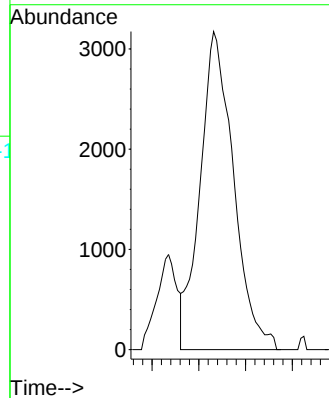
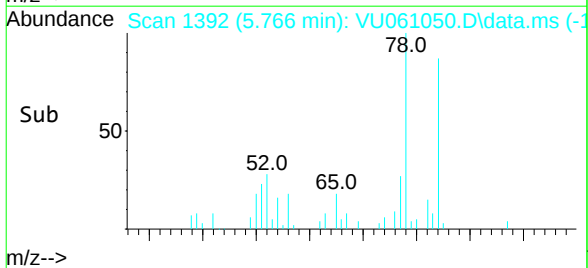
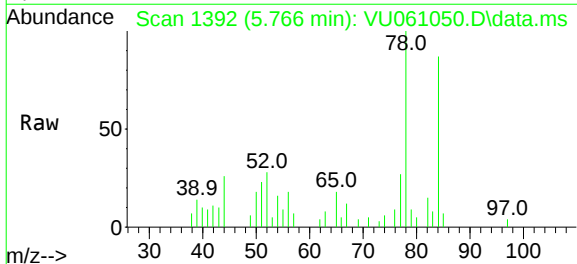


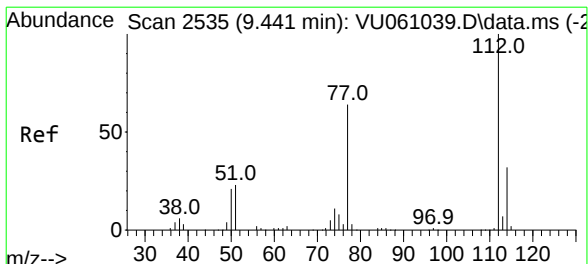
Tgt Ion: 96 Resp: 92654
 Ion Ratio Lower Upper
 96 100
 61 136.9 89.7 166.5
 98 62.8 45.1 83.9



#33
 Benzene
 Concen: 0.151 ug/L
 RT: 5.766 min Scan# 1392
 Delta R.T. -0.000 min
 Lab File: VU061050.D
 Acq: 01 Oct 2024 17:50

Tgt Ion: 78 Resp: 7879

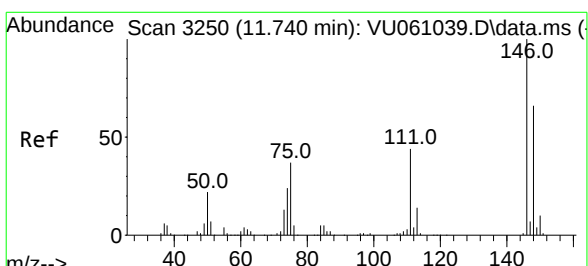
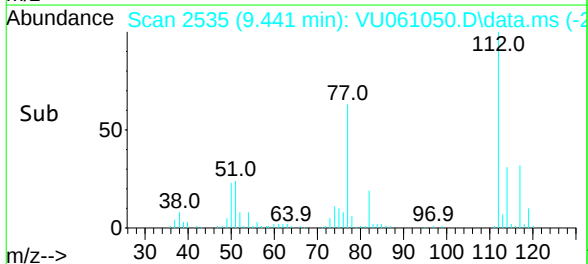
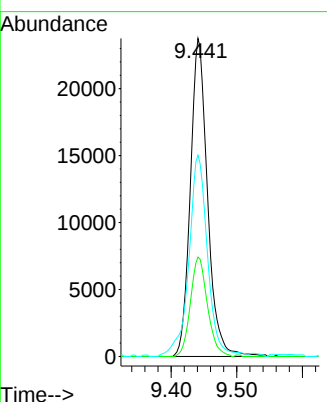
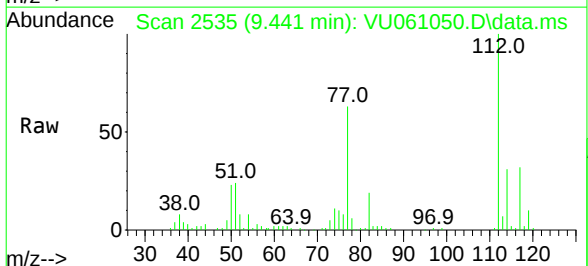




#51
 Chlorobenzene
 Concen: 1.276 ug/L
 RT: 9.441 min Scan# 2535
 Delta R.T. 0.003 min
 Lab File: VU061050.D
 Acq: 01 Oct 2024 17:50

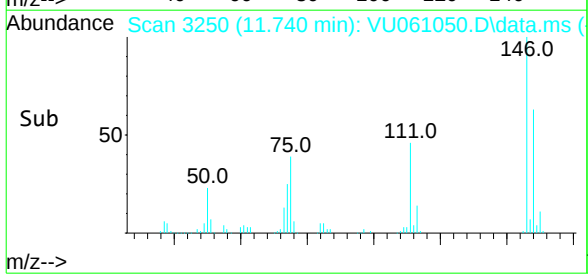
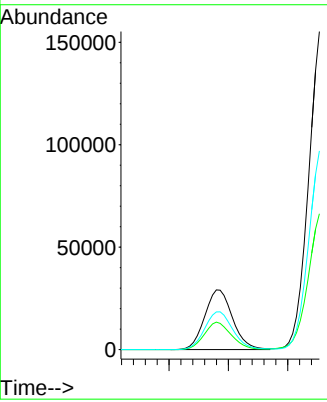
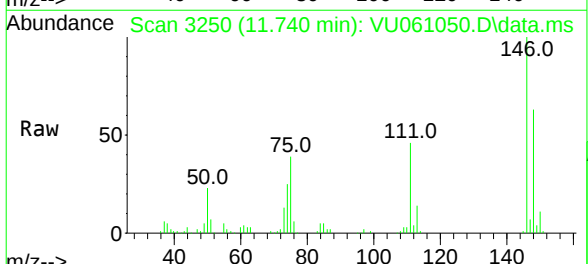
Instrument : MSVOA_U
 ClientSampleId : PMW-8S(20240926)

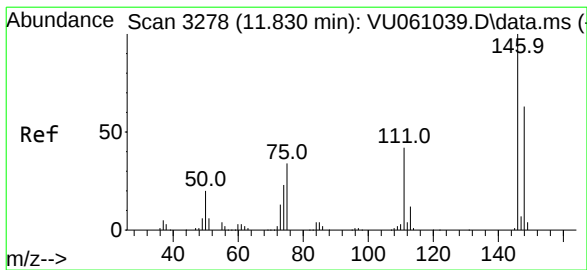
Tgt Ion:	112	Resp:	43211
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.2	41.2
77	63.3	46.1	69.1



#64
 1,3-Dichlorobenzene
 Concen: 1.909 ug/L
 RT: 11.740 min Scan# 3250
 Delta R.T. 0.003 min
 Lab File: VU061050.D
 Acq: 01 Oct 2024 17:50

Tgt Ion:	146	Resp:	47497
Ion	Ratio	Lower	Upper
146	100		
111	46.0	27.5	51.1
148	63.1	43.7	81.1





#65

1,4-Dichlorobenzene

Concen: 10.805 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU061050.D

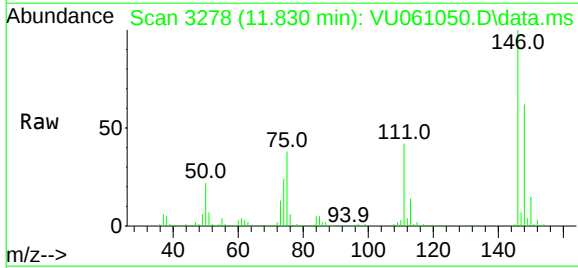
Acq: 01 Oct 2024 17:50

Instrument :

MSVOA_U

ClientSampleId :

PMW-8S(20240926)



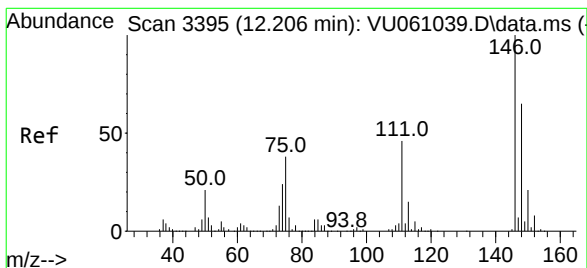
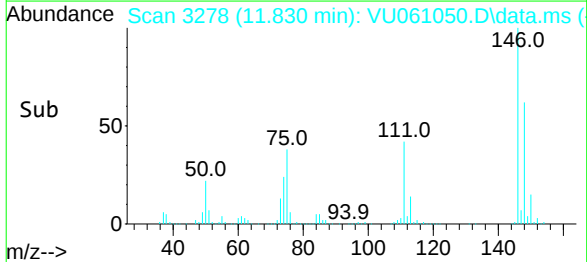
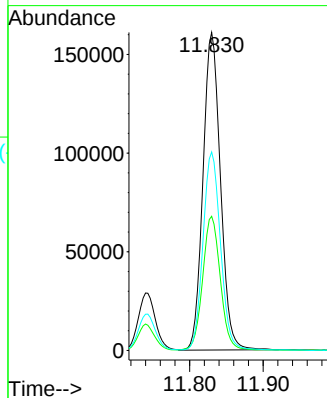
Tgt Ion:146 Resp: 265752

Ion Ratio Lower Upper

146 100

111 42.2 26.3 48.9

148 62.4 45.3 84.1



#67

1,2-Dichlorobenzene

Concen: 0.184 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU061050.D

Acq: 01 Oct 2024 17:50

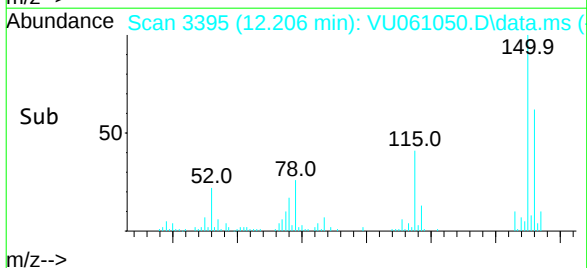
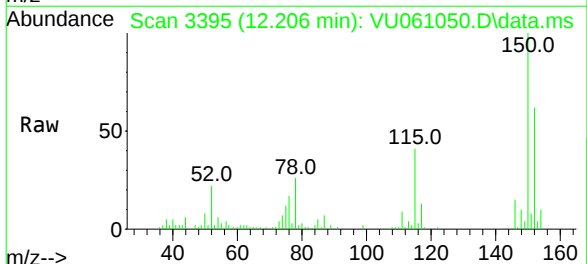
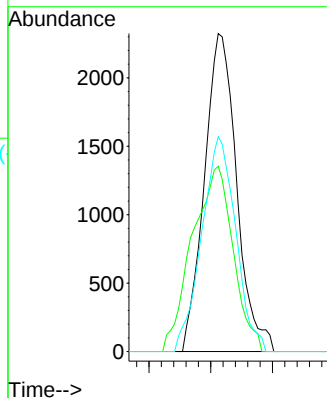
Tgt Ion:146 Resp: 4220

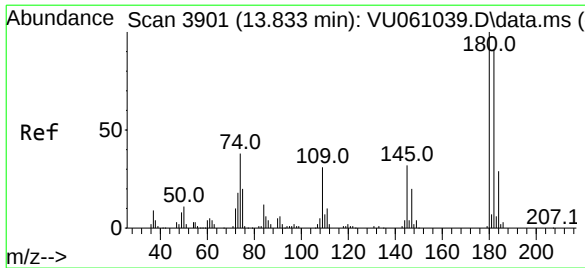
Ion Ratio Lower Upper

146 100

111 58.3 33.4 50.0#

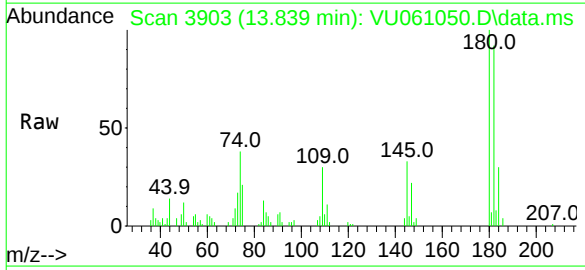
148 67.6 50.9 76.3





#70
1,2,4-trichlorobenzene
Concen: 1.207 ug/L
RT: 13.839 min Scan# 39
Delta R.T. 0.006 min
Lab File: VU061050.D
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Tgt Ion:	180	Resp:	16209
Ion Ratio	Lower	Upper	
180	100		
182	93.6	77.4	116.2
145	32.5	22.9	34.3

