

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
 Data File : VU061057.D
 Acq On : 01 Oct 2024 20:40
 Operator : MD/SY
 Sample : P4227-13 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-6(20240927)

Quant Time: Oct 02 02:37:48 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)

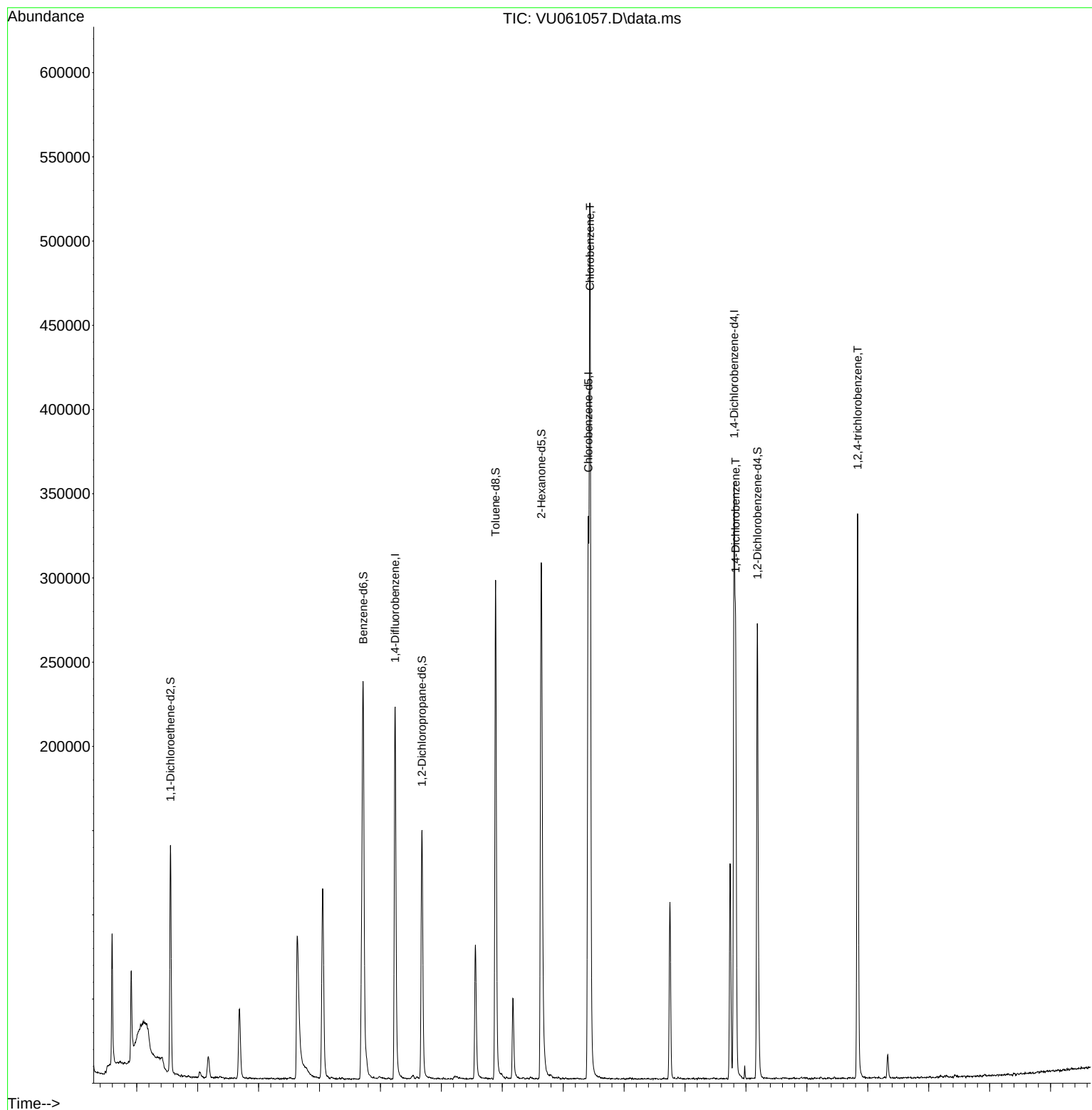
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	181584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	168991	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82097	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	59330	4.570	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.911	69	44155	4.544	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.554	65	26483	4.624	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.634	46	160891	51.738	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.480%
24) Chloroform-d	5.052	84	105626	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.692	65	59438	4.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.718	84	216936	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.682	67	72684	4.967	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.891	98	198067	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.174	79	29876	4.775	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.640	63	138949	53.653	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.300%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55295	5.153	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	65708	5.006	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
33) Benzene	5.769	78	8133	0.163	ug/L	100
51) Chlorobenzene	9.441	112	268100	8.293	ug/L	94
64) 1,3-Dichlorobenzene	11.740	146	48114	2.044	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	94997	4.083	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	12624	0.580	ug/L	95
70) 1,2,4-trichlorobenzene	13.833	180	96753	7.619	ug/L	96
72) 1,2,3-Trichlorobenzene	14.328	180	4033	0.382	ug/L #	93

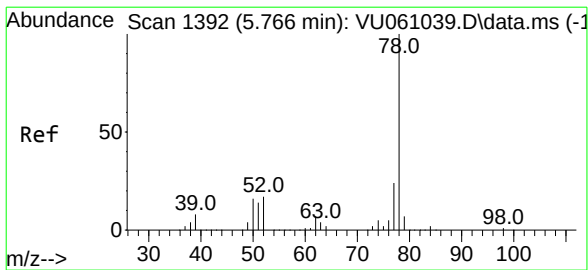
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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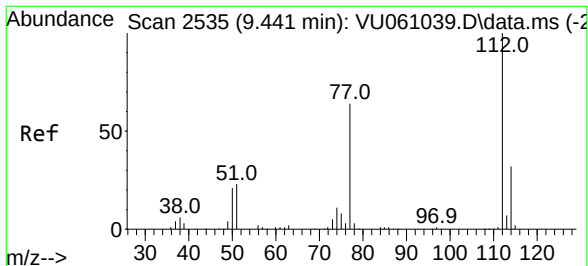
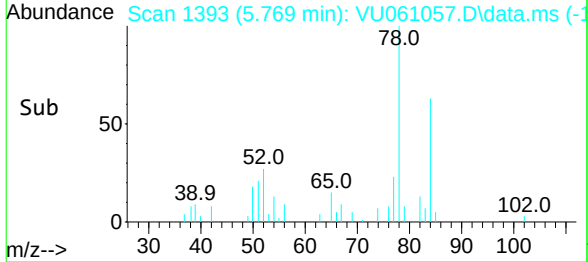
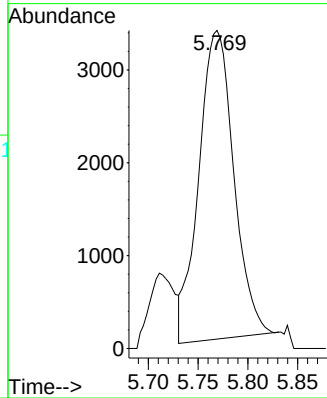
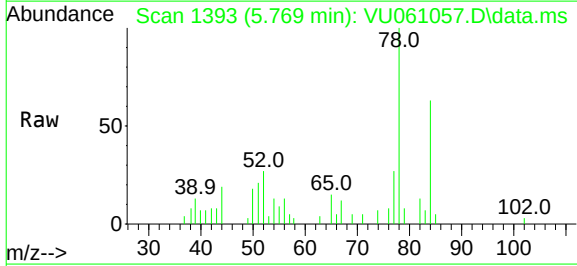




#33
Benzene
Concen: 0.163 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU061057.D
Acq: 01 Oct 2024 20:40

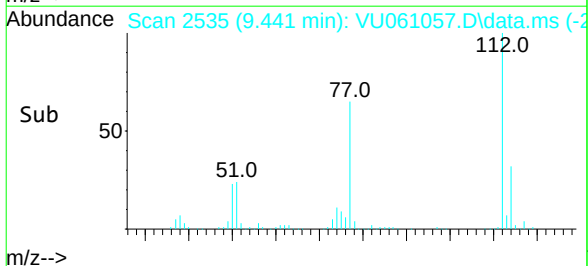
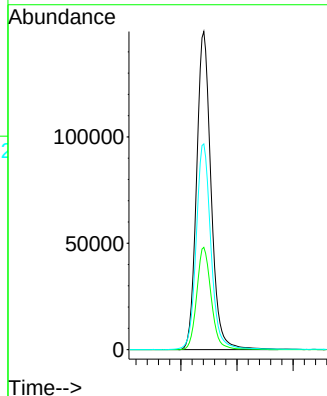
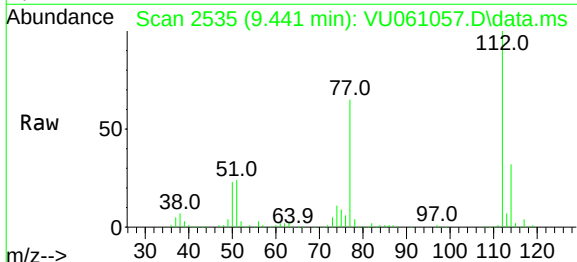
Instrument : MSVOA_U
ClientSampleId : PMW-6(20240927)

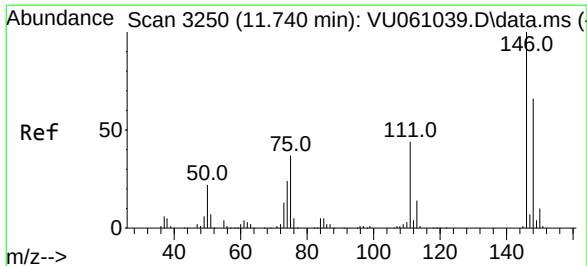
Tgt Ion: 78 Resp: 8133



#51
Chlorobenzene
Concen: 8.293 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061057.D
Acq: 01 Oct 2024 20:40

Tgt Ion: 112 Resp: 268100
Ion Ratio Lower Upper
112 100
114 32.2 22.2 41.2
77 64.7 46.1 69.1





#64

1,3-Dichlorobenzene

Concen: 2.044 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU061057.D

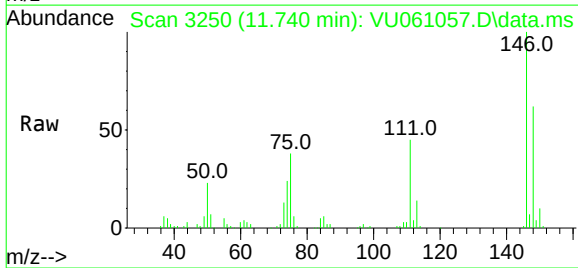
Acq: 01 Oct 2024 20:40

Instrument :

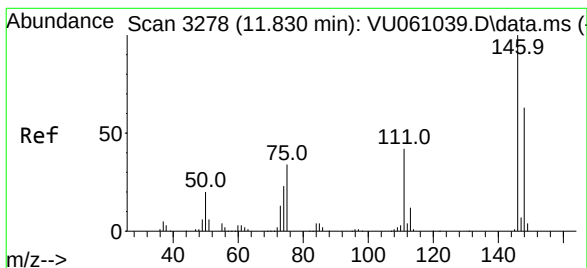
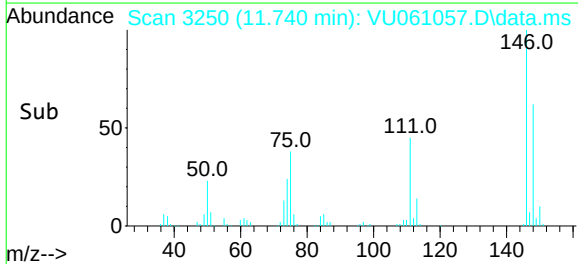
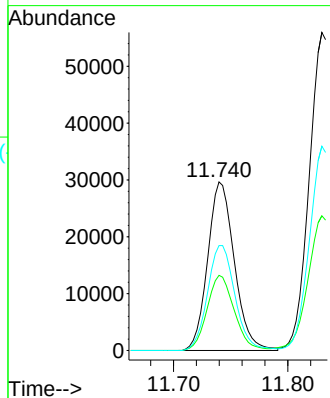
MSVOA_U

ClientSampleId :

PMW-6(20240927)



Tgt Ion:	146	Resp:	48114
Ion	Ratio	Lower	Upper
146	100		
111	44.6	27.5	51.1
148	62.2	43.7	81.1



#65

1,4-Dichlorobenzene

Concen: 4.083 ug/L

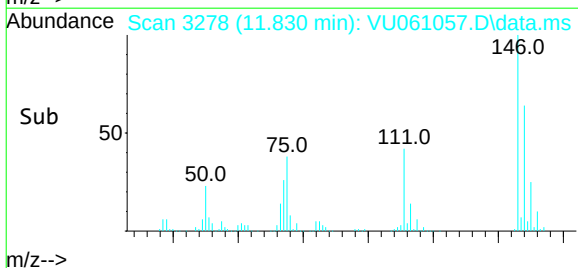
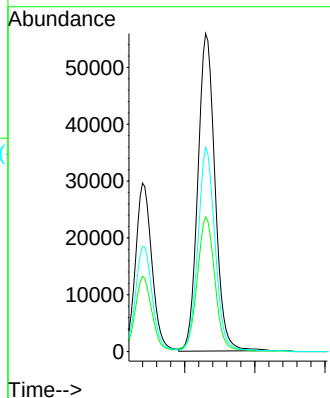
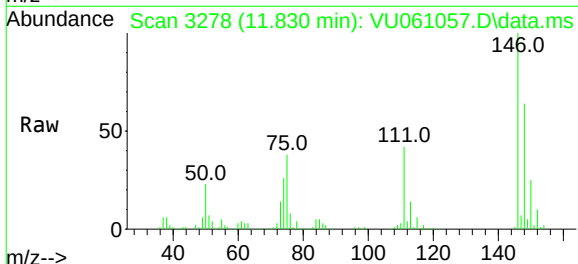
RT: 11.830 min Scan# 3278

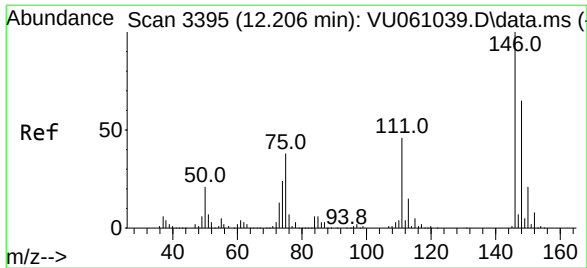
Delta R.T. 0.003 min

Lab File: VU061057.D

Acq: 01 Oct 2024 20:40

Tgt Ion:	146	Resp:	94997
Ion	Ratio	Lower	Upper
146	100		
111	42.4	26.3	48.9
148	64.2	45.3	84.1





#67

1,2-Dichlorobenzene

Concen: 0.580 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU061057.D

Acq: 01 Oct 2024 20:40

Instrument :

MSVOA_U

ClientSampleId :

PMW-6(20240927)

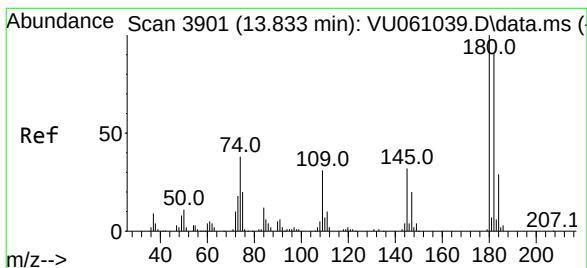
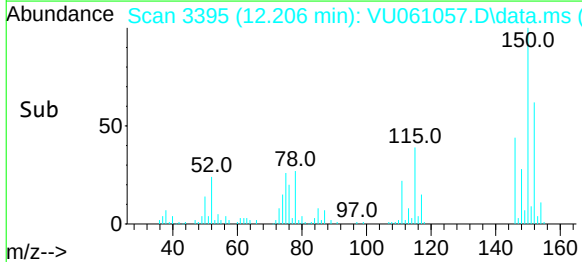
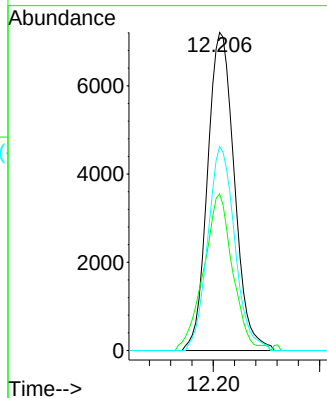
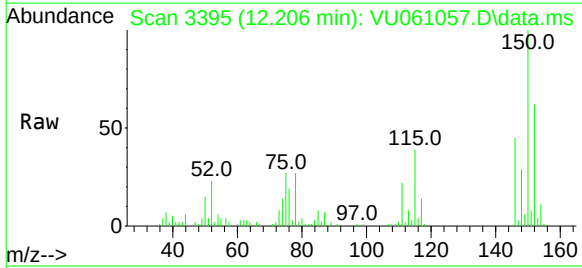
Tgt Ion:146 Resp: 12624

Ion Ratio Lower Upper

146 100

111 49.2 33.4 50.0

148 64.1 50.9 76.3



#70

1,2,4-trichlorobenzene

Concen: 7.619 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061057.D

Acq: 01 Oct 2024 20:40

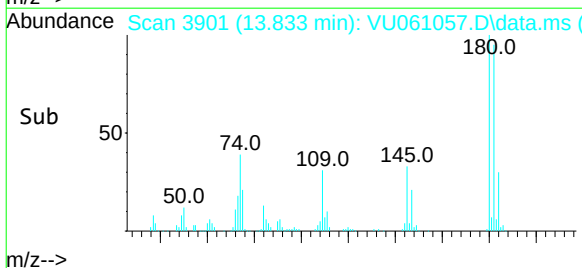
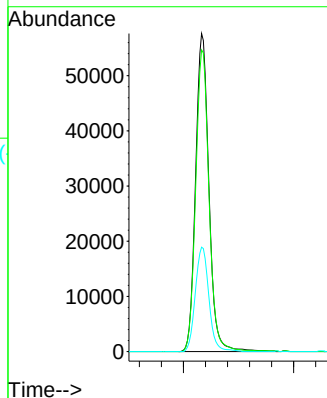
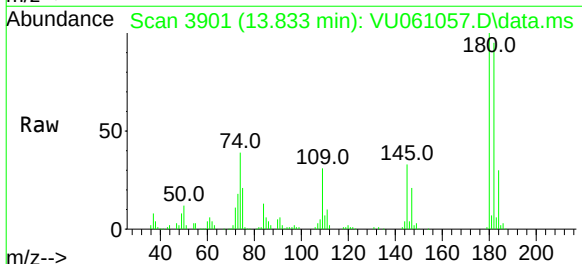
Tgt Ion:180 Resp: 96753

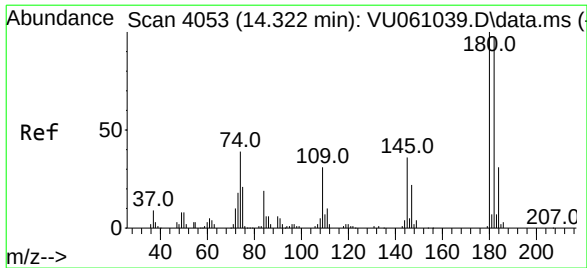
Ion Ratio Lower Upper

180 100

182 95.0 77.4 116.2

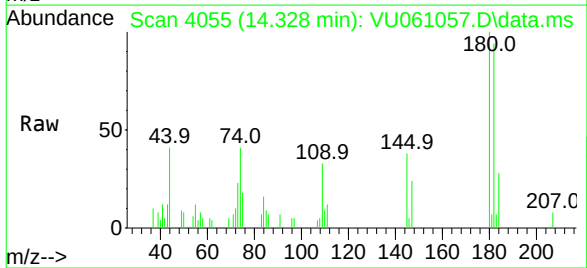
145 33.5 22.9 34.3





#72
 1,2,3-Trichlorobenzene
 Concen: 0.382 ug/L
 RT: 14.328 min Scan# 4053
 Delta R.T. 0.006 min
 Lab File: VU061057.D
 Acq: 01 Oct 2024 20:40

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-6(20240927)



Tgt Ion:	180	Resp:	4033
Ion Ratio	Lower	Upper	
180	100		
182	97.4	75.7	113.5
145	40.3	23.5	35.3

