

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055609.D
 Acq On : 02 Oct 2023 17:03
 Operator : MD/SY
 Sample : 04679-17 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-9D(20230928)

Quant Time: Oct 03 04:58:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

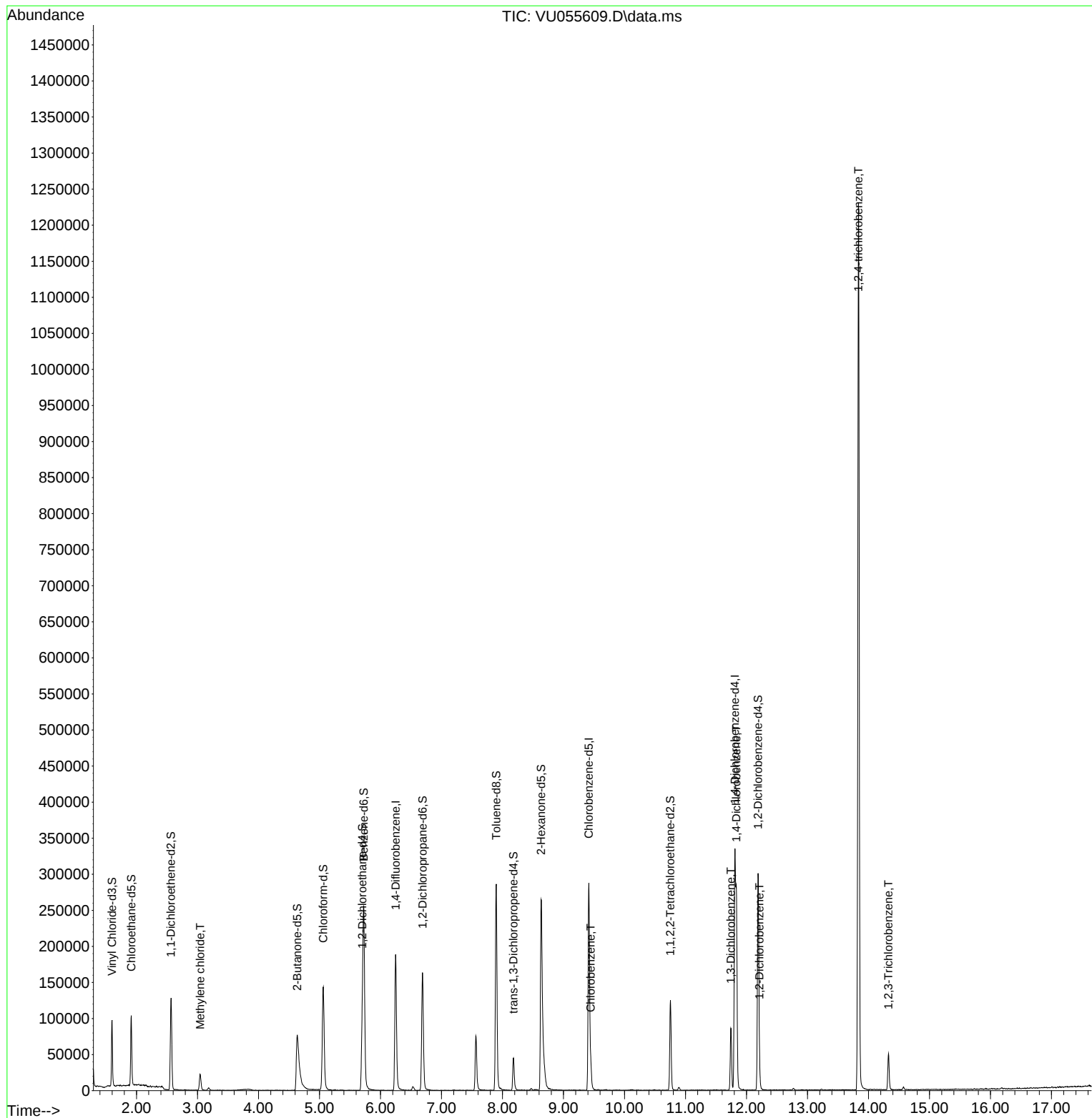
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	152801	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	157343	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	80419	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	62366	4.038	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.914	69	67772	4.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.563	65	24692	3.884	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.634	46	151397	54.275	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.540%
24) Chloroform-d	5.062	84	129563	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.701	65	69245	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.724	84	240663	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.689	67	78170	4.754	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.897	98	197668	3.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.180	79	26375	4.571	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.634	63	84429	48.101	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.200%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	63564	5.158	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	72370	4.459	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	9999	0.781	ug/L	97
51) Chlorobenzene	9.447	112	19050	0.616	ug/L	94
64) 1,3-Dichlorobenzene	11.743	146	34208	1.542	ug/L	94
65) 1,4-Dichlorobenzene	11.833	146	98734	4.452	ug/L	95
67) 1,2-Dichlorobenzene	12.212	146	7658	0.376	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	351716	30.190	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	14901	1.470	ug/L	95

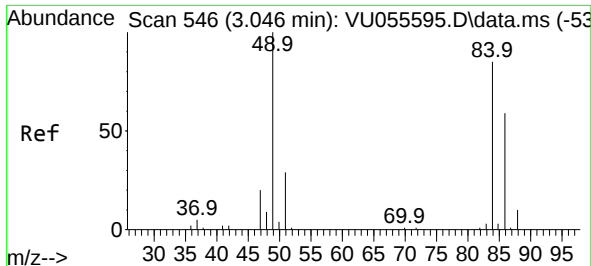
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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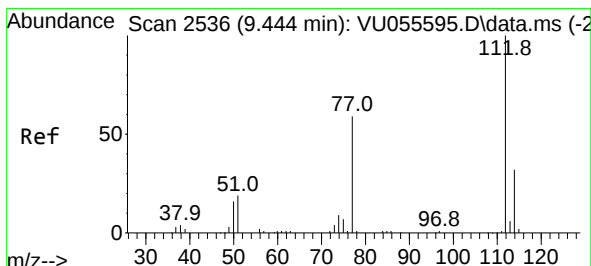
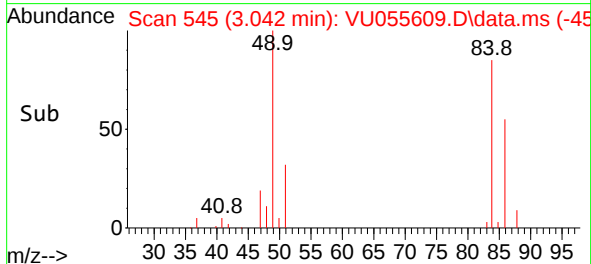
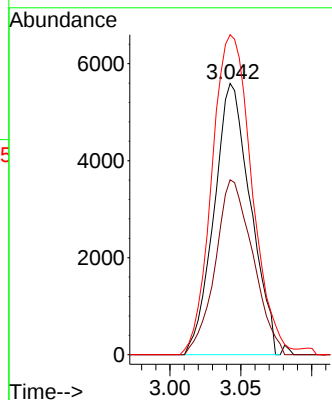
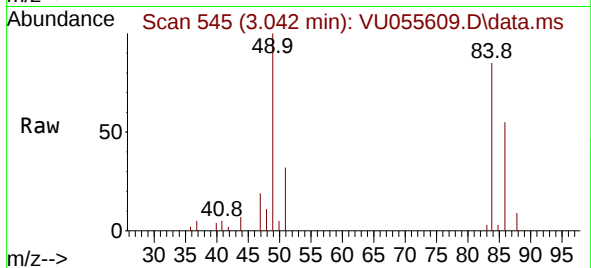




#16
Methylene chloride
Concen: 0.781 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU055609.D
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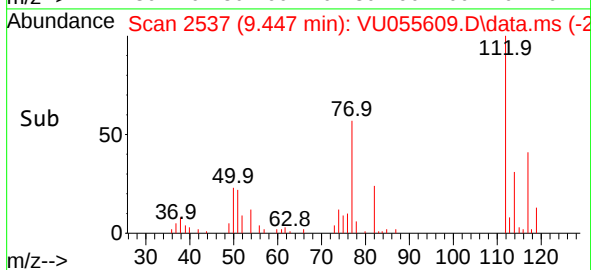
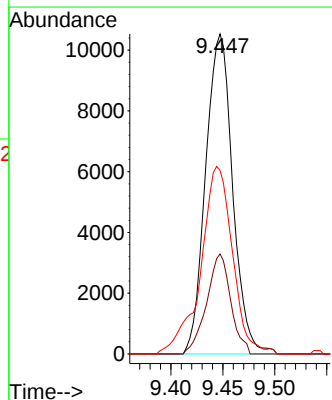
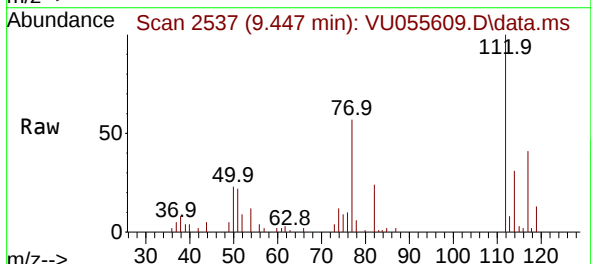
Instrument :
MSVOA_U
ClientSampleId :
PMW-9D(20230928)

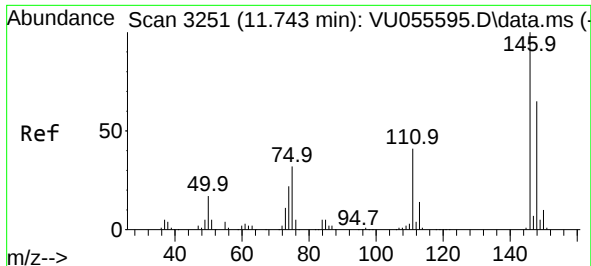
Tgt Ion: 84 Resp: 9999
Ion Ratio Lower Upper
84 100
86 64.5 44.9 83.3
49 118.0 78.8 146.3



#51
Chlorobenzene
Concen: 0.616 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. 0.003 min
Lab File: VU055609.D
Acq: 02 Oct 2023 17:03

Tgt Ion: 112 Resp: 19050
Ion Ratio Lower Upper
112 100
114 28.9 22.0 40.8
77 53.1 46.9 70.3

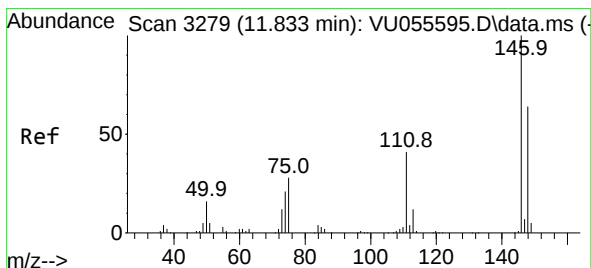
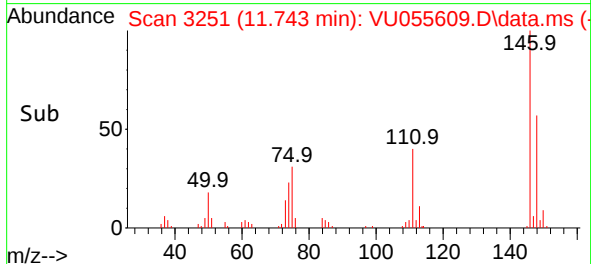
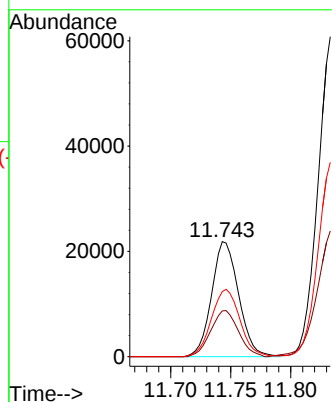
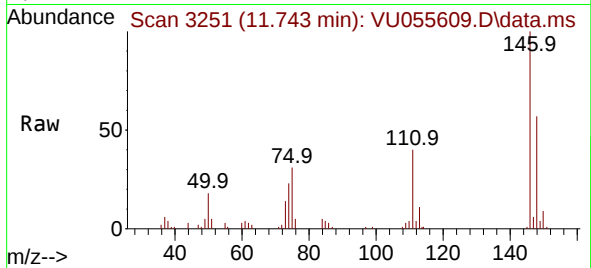




#64
1,3-Dichlorobenzene
Concen: 1.542 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU055609.D
Acq: 02 Oct 2023 17:03

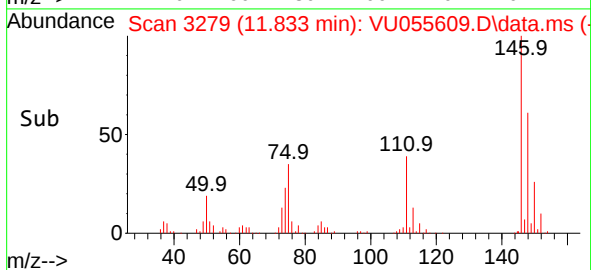
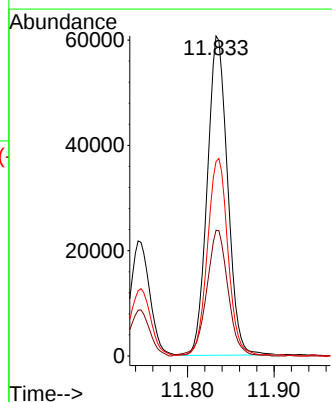
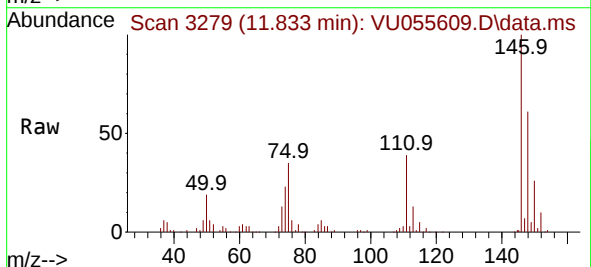
Instrument :
MSVOA_U
ClientSampleId :
PMW-9D(20230928)

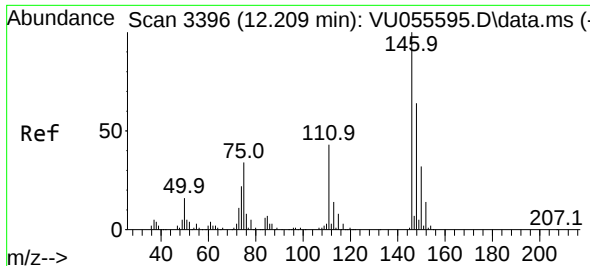
Tgt Ion:146 Resp: 34208
Ion Ratio Lower Upper
146 100
111 39.8 28.8 53.6
148 56.6 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.452 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055609.D
Acq: 02 Oct 2023 17:03

Tgt Ion:146 Resp: 98734
Ion Ratio Lower Upper
146 100
111 39.3 29.0 53.8
148 60.8 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 0.376 ug/L

RT: 12.212 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU055609.D

Acq: 02 Oct 2023 17:03

Instrument :

MSVOA_U

ClientSampleId :

PMW-9D(20230928)

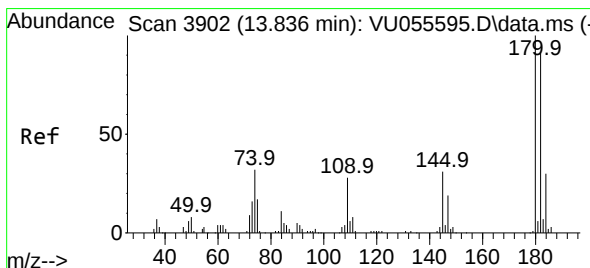
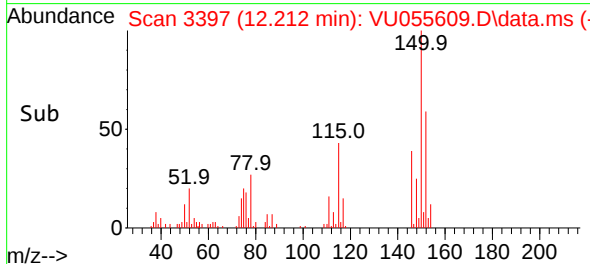
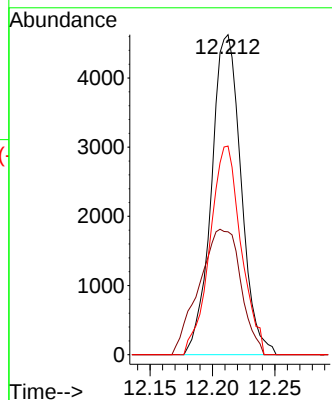
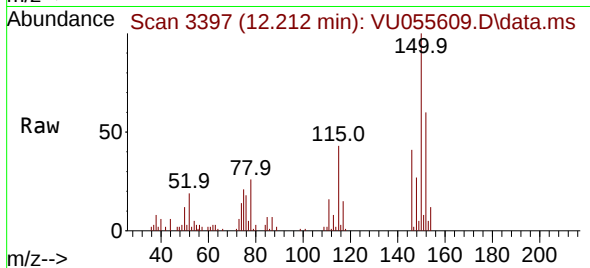
Tgt Ion:146 Resp: 7658

Ion Ratio Lower Upper

146 100

111 38.4 34.6 52.0

148 65.2 51.8 77.8



#70

1,2,4-trichlorobenzene

Concen: 30.190 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU055609.D

Acq: 02 Oct 2023 17:03

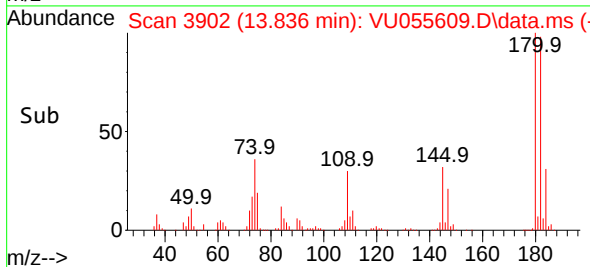
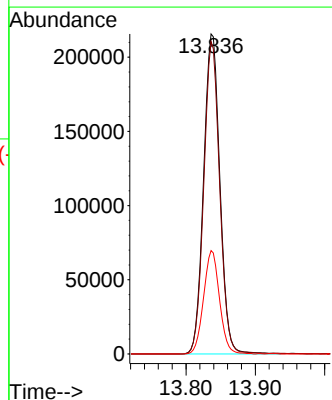
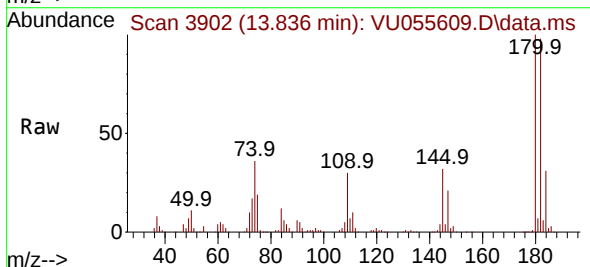
Tgt Ion:180 Resp: 351716

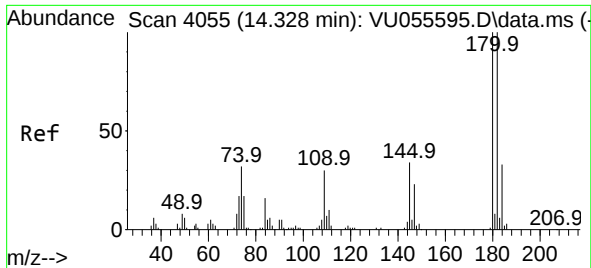
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

145 31.6 25.4 38.0





#72
 1,2,3-Trichlorobenzene
 Concen: 1.470 ug/L
 RT: 14.328 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU055609.D
 Acq: 02 Oct 2023 17:03

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-9D(20230928)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.7	76.2	114.4
145	32.3	26.0	39.0

