

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055641.D
 Acq On : 03 Oct 2023 15:19
 Operator : MD/SY
 Sample : 04679-25DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2(20230928)DL

Quant Time: Oct 04 04:43:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 04:40:48 2023
 Response via : Initial Calibration

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

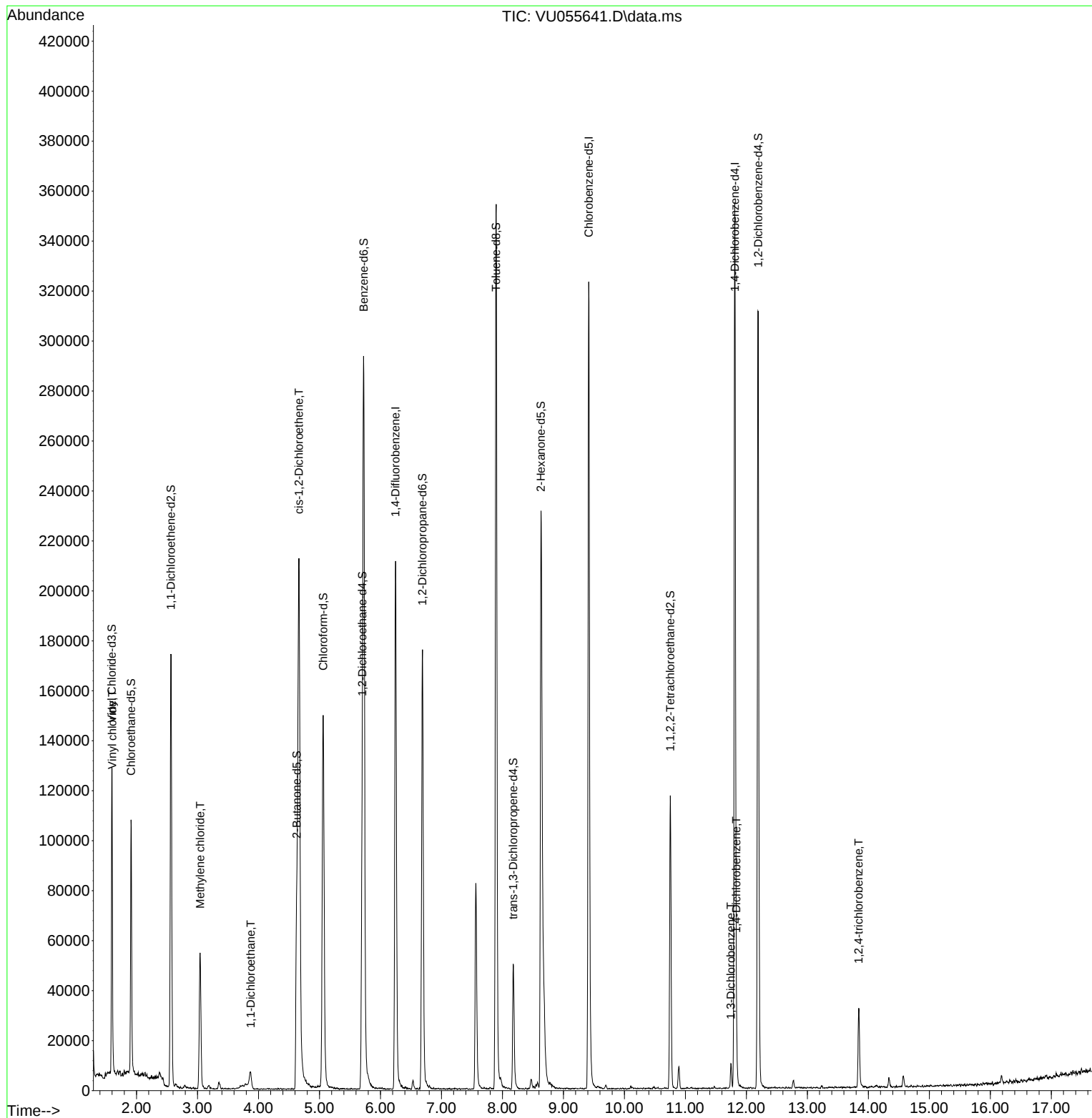
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	172973	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	181457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	93278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	86271	4.935	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.911	69	69958	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.563	65	33772	4.693	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.628	46	131446	41.627	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.260%
24) Chloroform-d	5.062	84	142695	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.701	65	66640	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	5.724	84	282880	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.689	67	85453	4.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.898	98	244838	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.177	79	29175	4.384	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.631	63	74098	36.605	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.220%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	61149	4.303	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	80254	4.263	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
5) Vinyl chloride	1.602	62	2294	0.144	ug/L	# 14
16) Methylene chloride	3.042	84	26763	1.847	ug/L	98
19) 1,1-Dichloroethane	3.872	63	6714	0.298	ug/L	91
22) cis-1,2-Dichloroethene	4.663	96	102013	7.218	ug/L	96
64) 1,3-Dichlorobenzene	11.746	146	3679	0.143	ug/L	85
65) 1,4-Dichlorobenzene	11.836	146	5823	0.226	ug/L	93
70) 1,2,4-trichlorobenzene	13.843	180	10404	0.770	ug/L	94

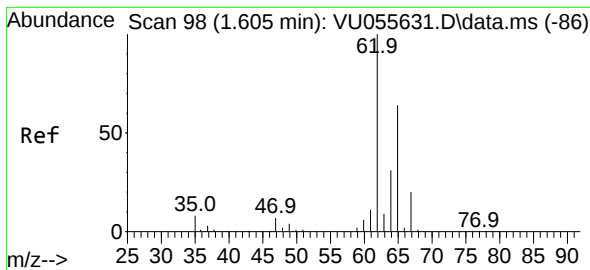
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.144 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.003 min

Lab File: VU055641.D

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Instrument :

MSVOA_U

ClientSampleId :

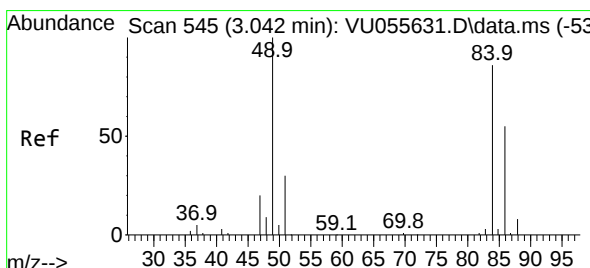
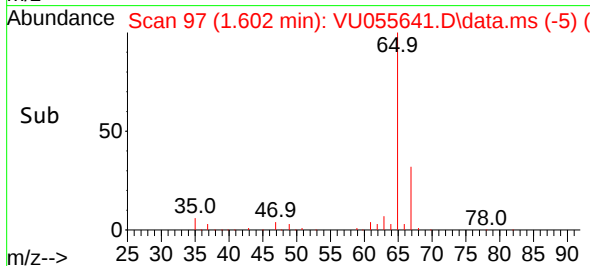
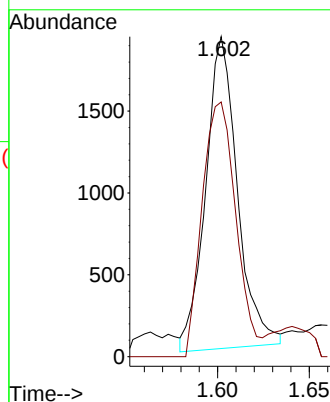
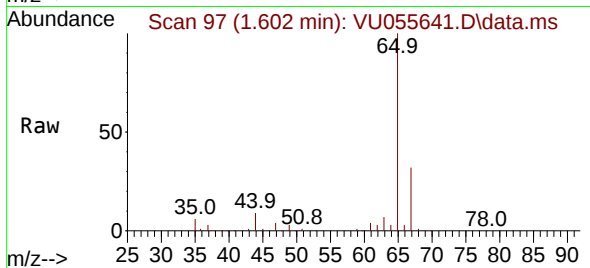
MW-2(20230928)DL

Tgt Ion: 62 Resp: 2294

Ion Ratio Lower Upper

62 100

64 79.6 22.3 41.5#



#16

Methylene chloride

Concen: 1.847 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.000 min

Lab File: VU055641.D

Acq: 03 Oct 2023 15:19

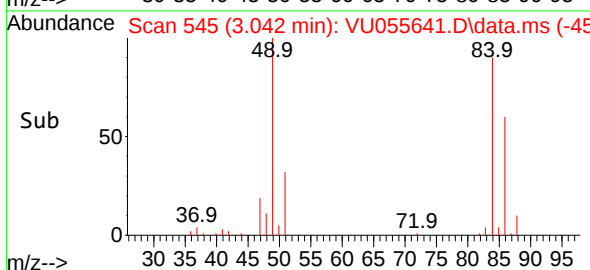
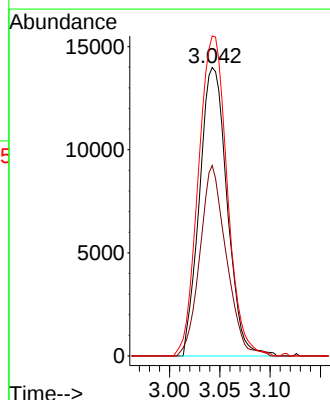
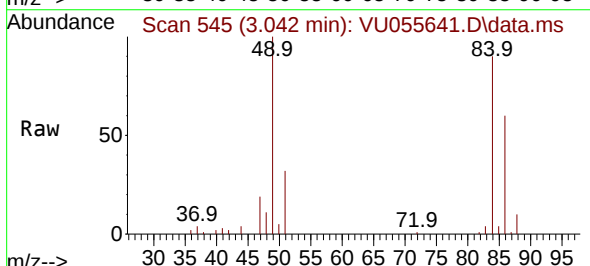
Tgt Ion: 84 Resp: 26763

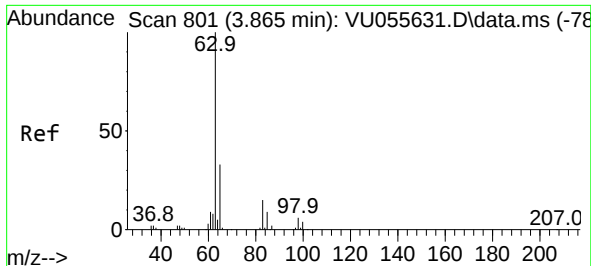
Ion Ratio Lower Upper

84 100

86 66.0 44.9 83.3

49 110.9 78.8 146.3





#19

1,1-Dichloroethane

Concen: 0.298 ug/L

RT: 3.872 min Scan# 801

Delta R.T. 0.007 min

Lab File: VU055641.D

Acq: 03 Oct 2023 15:19

Instrument :

MSVOA_U

ClientSampleId :

MW-2(20230928)DL

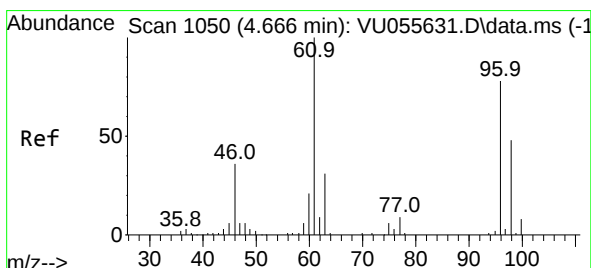
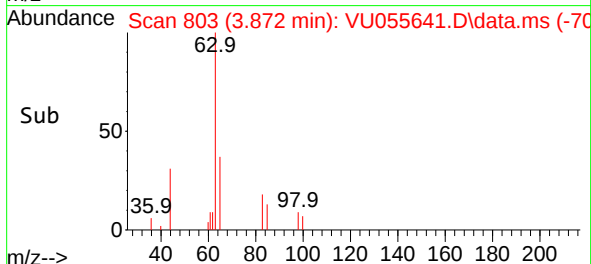
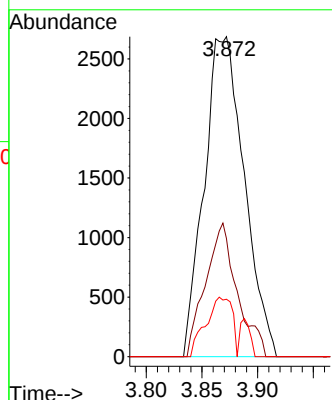
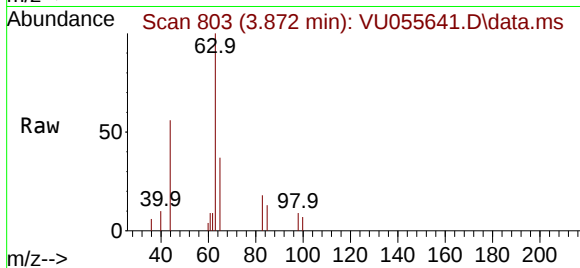
Tgt Ion: 63 Resp: 6714

Ion Ratio Lower Upper

63 100

65 36.9 22.0 41.0

83 17.9 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 7.218 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU055641.D

Acq: 03 Oct 2023 15:19

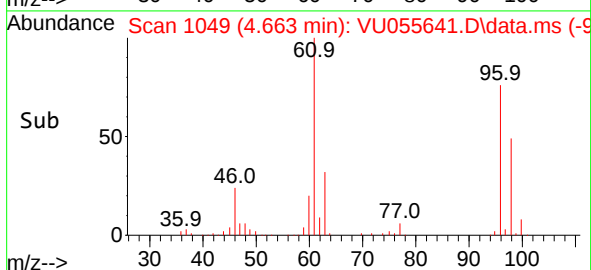
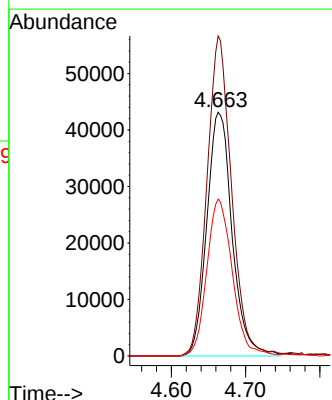
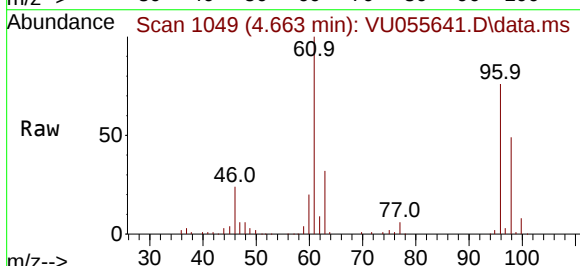
Tgt Ion: 96 Resp: 102013

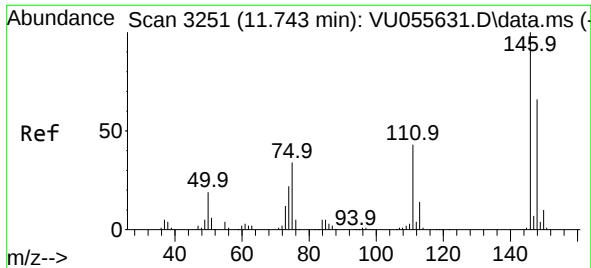
Ion Ratio Lower Upper

96 100

61 131.3 87.8 163.2

98 64.4 44.4 82.4

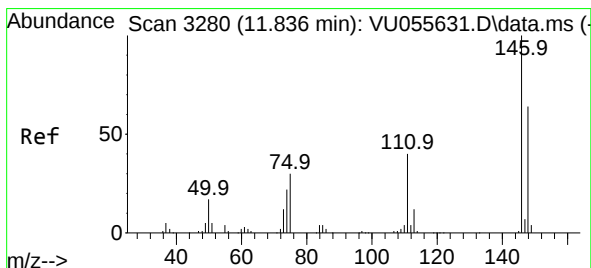
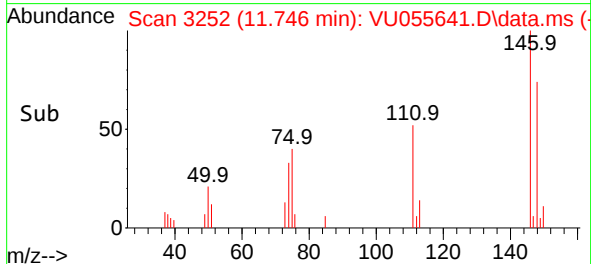
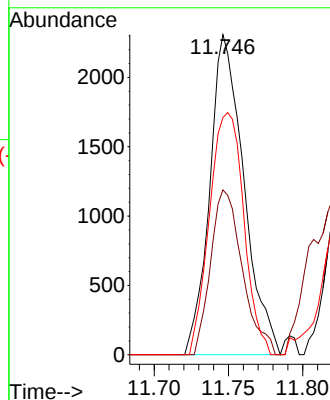
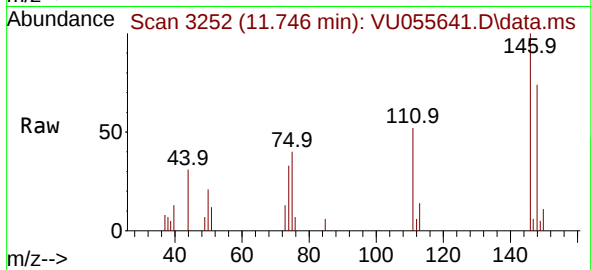




#64
1,3-Dichlorobenzene
Concen: 0.143 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU055641.D
Acq: 03 Oct 2023 15:19

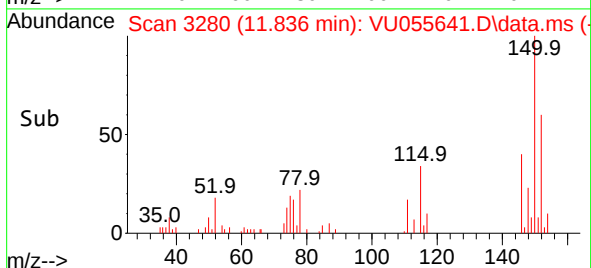
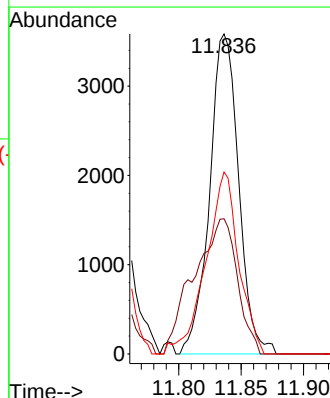
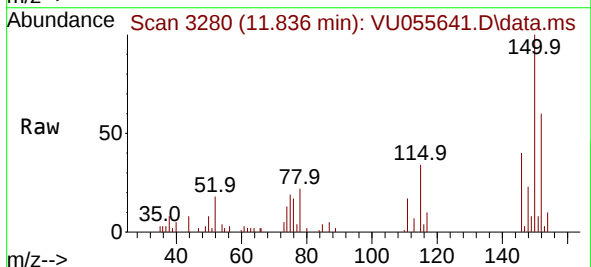
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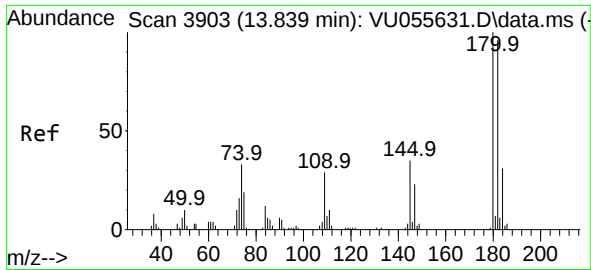
Tgt Ion:146 Resp: 3679
Ion Ratio Lower Upper
146 100
111 51.5 28.8 53.6
148 74.1 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 0.226 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.000 min
Lab File: VU055641.D
Acq: 03 Oct 2023 15:19

Tgt Ion:146 Resp: 5823
Ion Ratio Lower Upper
146 100
111 42.2 29.0 53.8
148 56.8 45.4 84.4





#70

1,2,4-trichlorobenzene

Concen: 0.770 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.003 min

Lab File: VU055641.D

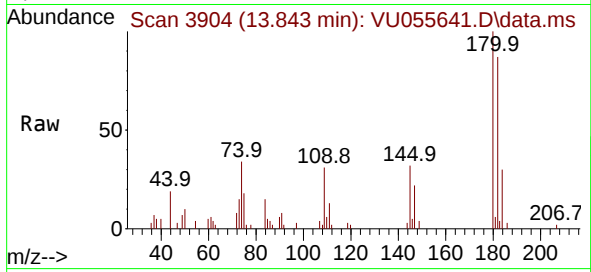
Acq: 03 Oct 2023 15:19

Instrument :

MSVOA_U

ClientSampleId :

MW-2(20230928)DL



Tgt Ion:180 Resp: 10404

Ion Ratio Lower Upper

180 100

182 102.2 76.4 114.6

145 30.4 25.4 38.0

