

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055210.D
 Acq On : 08 Sep 2023 01:20
 Operator : MD/SY
 Sample : 04307-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 06:38:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	167287	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	173871	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	85595	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24804	3.164	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.907	69	35733	3.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.563	65	17919	4.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.628	46	137317	60.353	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.700%
24) Chloroform-d	5.062	84	98118	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.702	65	52340	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.724	84	185197	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.689	67	64642	4.735	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.898	98	160864	4.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.181	79	15143	4.028	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.634	63	73124	47.913	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.820%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51594	5.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	57282	4.585	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	3206	0.324	ug/L	90
5) Vinyl chloride	1.599	62	5348	0.512	ug/L	95
12) 1,1-Dichloroethene	2.576	96	864	0.112	ug/L	# 1
17) Methyl tert-butyl Ether	3.358	73	8706	0.429	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	3043	0.388	ug/L	91
22) cis-1,2-Dichloroethene	4.663	96	369227	38.440	ug/L	98
34) Trichloroethene	6.541	95	192608	18.728	ug/L	95
35) Methylcyclohexane	6.685	83	13700	0.949	ug/L	# 19
37) 1,2-Dichloropropane	6.689	63	7430	0.737	ug/L	# 89
47) Tetrachloroethene	8.550	164	1122	0.158	ug/L	89
48) 2-Hexanone	8.685	43	22299	4.954	ug/L	# 90
49) Dibromochloromethane	8.550	129	1168	0.158	ug/L	# 9
64) 1,3-Dichlorobenzene	11.753	146	2043	0.107	ug/L	95
65) 1,4-Dichlorobenzene	11.840	146	5436	0.285	ug/L	91
69) 1,3,5-Trichlorobenzene	13.839	180	73719	5.091	ug/L	100
70) 1,2,4-trichlorobenzene	13.839	180	73664	5.425	ug/L	97
72) 1,2,3-Trichlorobenzene	14.331	180	22259	1.889	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
Data File : VU055210.D
Acq On : 08 Sep 2023 01:20
Operator : MD/SY
Sample : 04307-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 08 06:38:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 08 06:18:43 2023
Response via : Initial Calibration

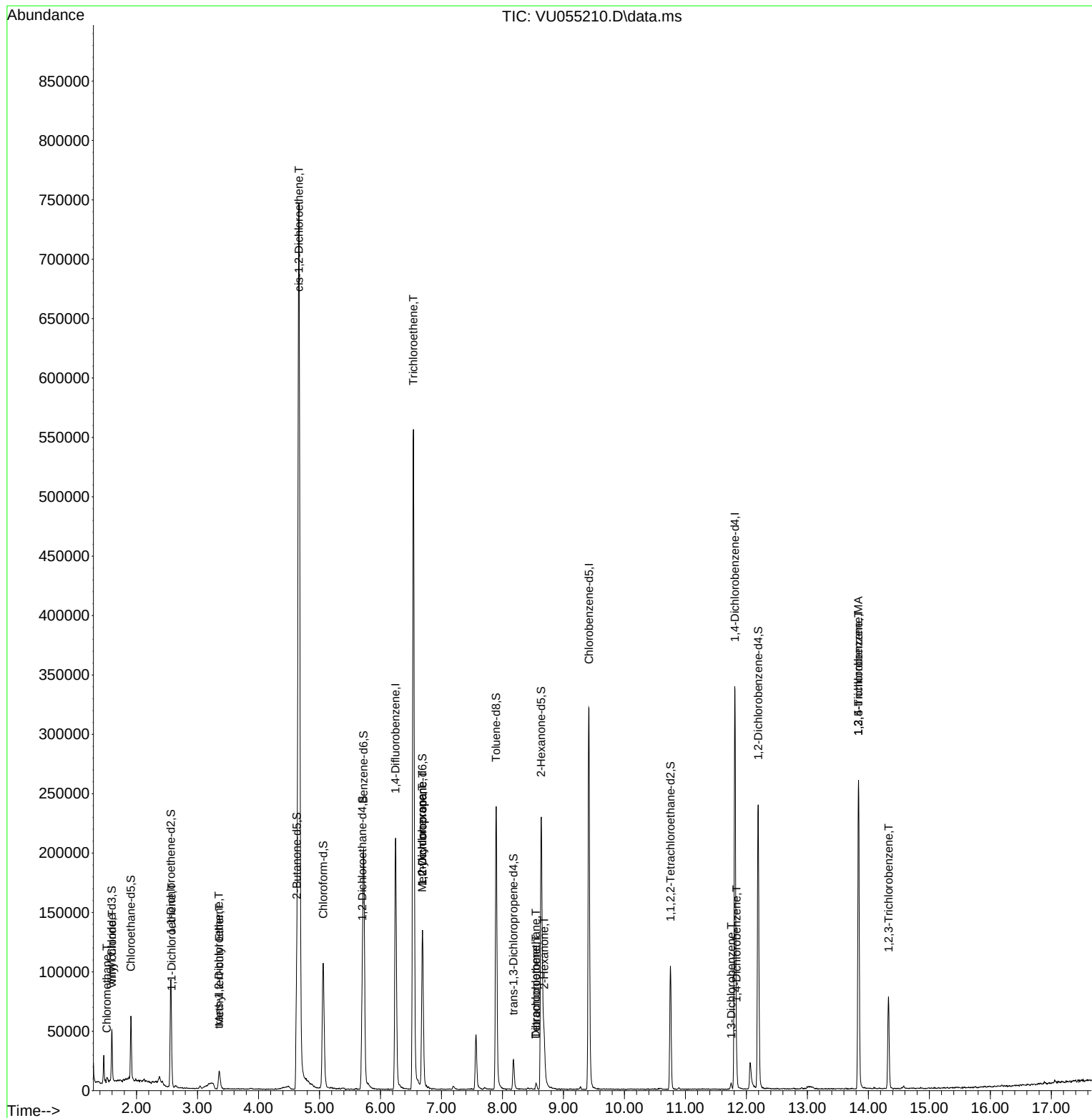
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

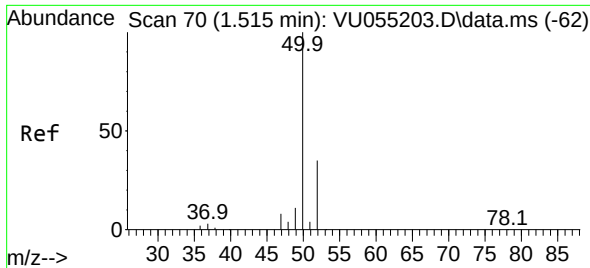
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
Data File : VU055210.D
Acq On : 08 Sep 2023 01:20
Operator : MD/SY
Sample : 04307-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 08 06:38:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 08 06:18:43 2023
Response via : Initial Calibration

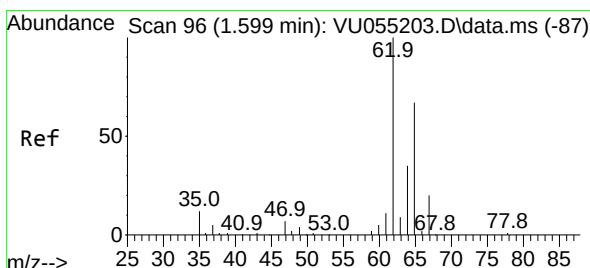
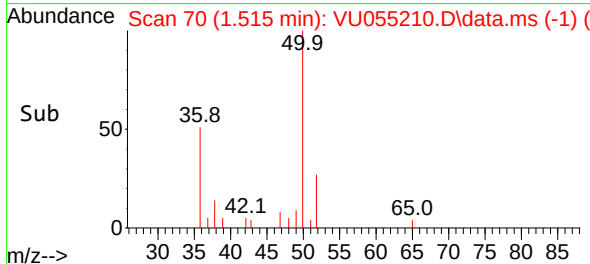
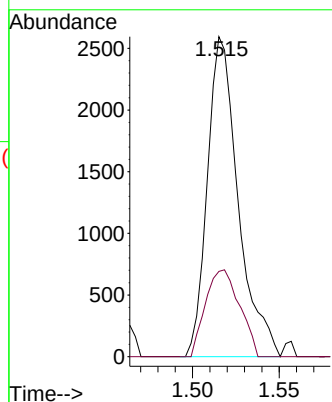
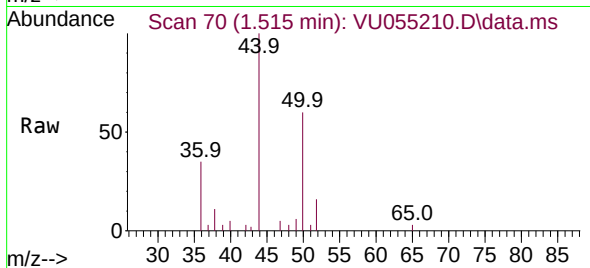




#3
Chloromethane
Concen: 0.324 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055210.D
Acq: 08 Sep 2023 01:20

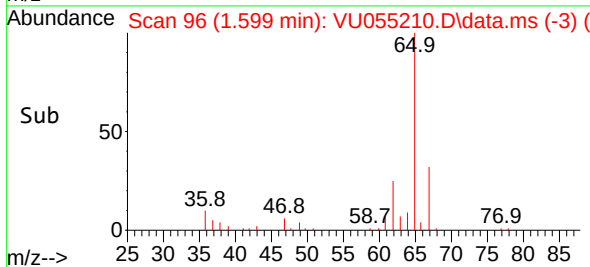
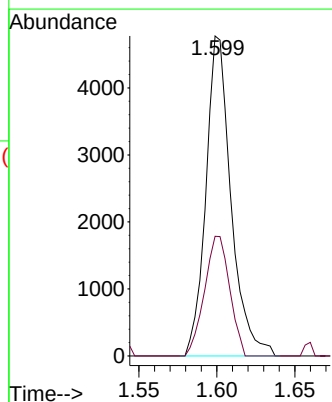
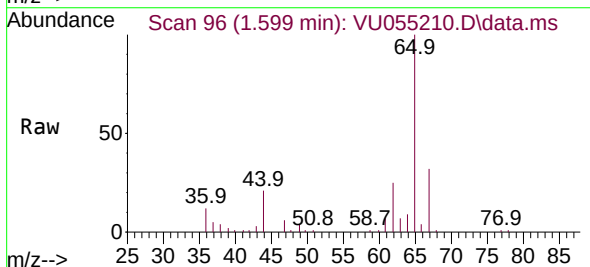
Instrument :
MSVOA_U
ClientSampleId :

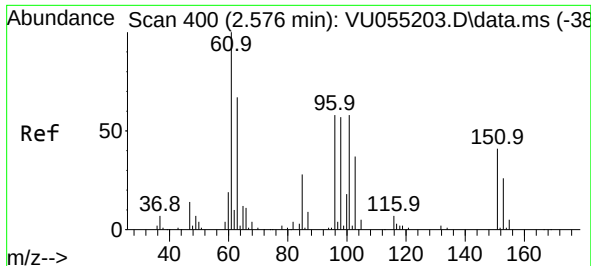
Tgt Ion: 50 Resp: 3206
Ion Ratio Lower Upper
50 100
52 26.6 22.5 41.7



#5
Vinyl chloride
Concen: 0.512 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU055210.D
Acq: 08 Sep 2023 01:20

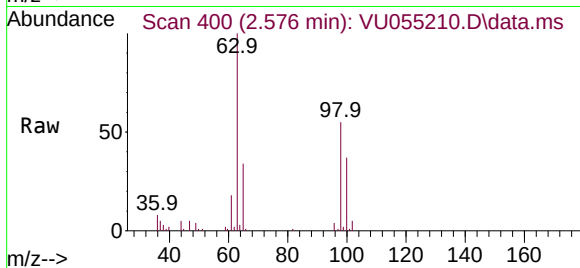
Tgt Ion: 62 Resp: 5348
Ion Ratio Lower Upper
62 100
64 37.4 24.2 45.0



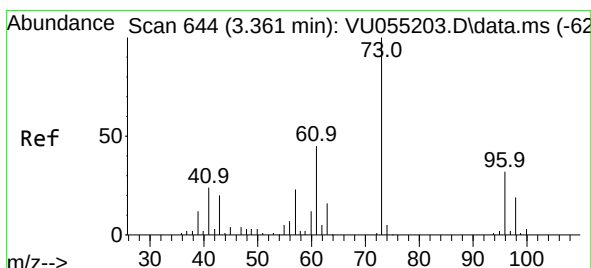
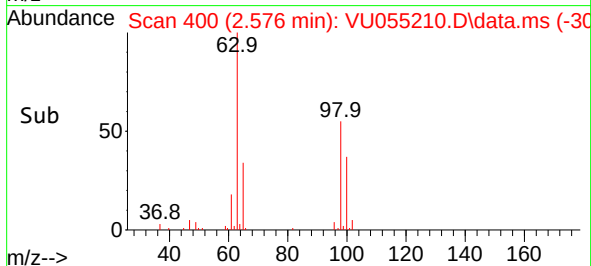
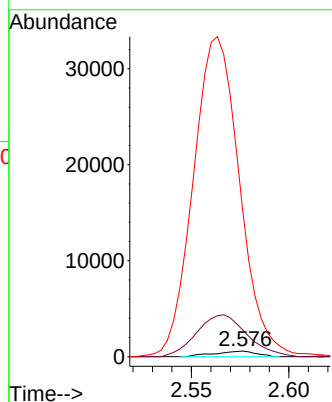


#12
1,1-Dichloroethene
Concen: 0.112 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055210.D
Acq: 08 Sep 2023 01:20

Instrument :
MSVOA_U
ClientSampleId :

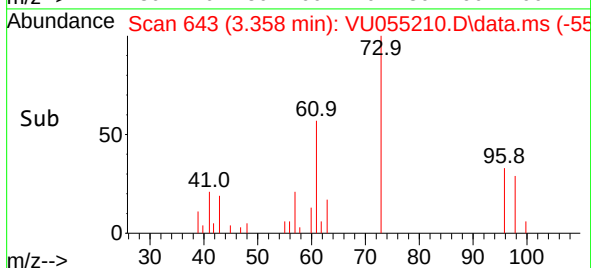
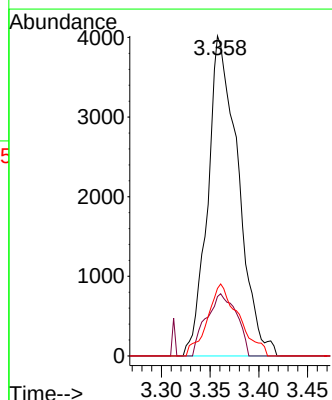
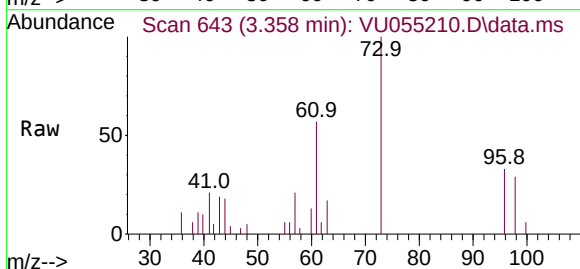


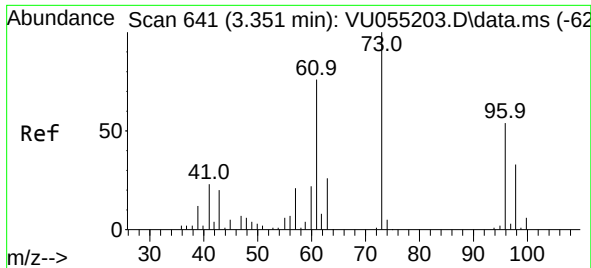
Tgt Ion: 96 Resp: 864
Ion Ratio Lower Upper
96 100
61 476.8 120.8 224.4#
63 2612.1 94.5 175.5#



#17
Methyl tert-butyl Ether
Concen: 0.429 ug/L
RT: 3.358 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU055210.D
Acq: 08 Sep 2023 01:20

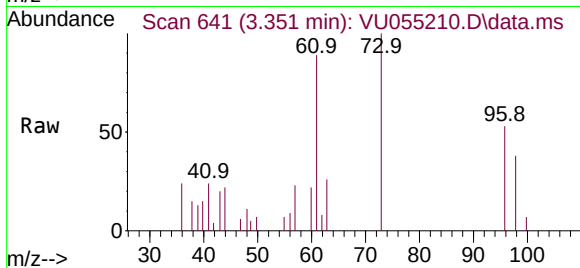
Tgt Ion: 73 Resp: 8706
Ion Ratio Lower Upper
73 100
43 19.5 16.2 24.2
57 23.3 17.4 26.2





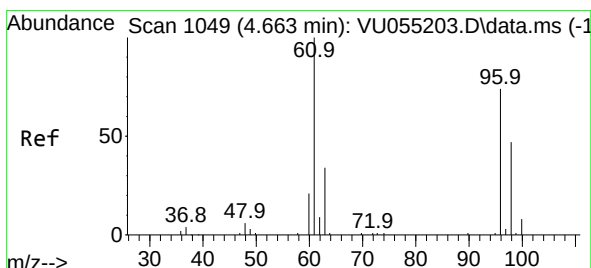
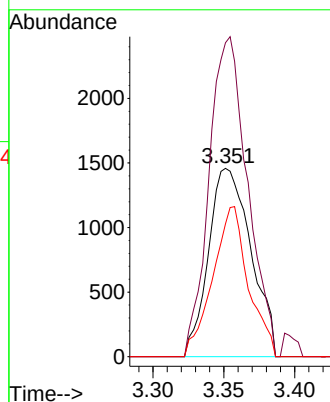
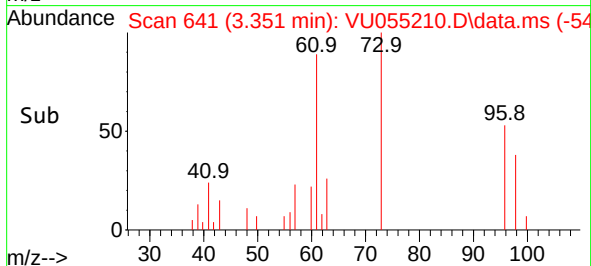
#18
 trans-1,2-Dichloroethene
 Concen: 0.388 ug/L
 RT: 3.351 min Scan# 641
 Delta R.T. 0.000 min
 Lab File: VU055210.D
 Acq: 08 Sep 2023 01:20

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 3043

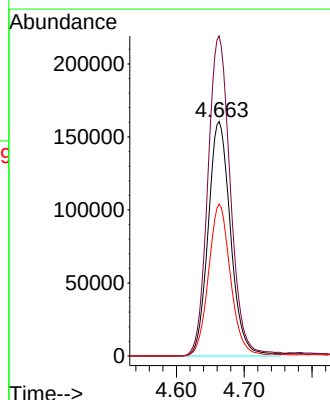
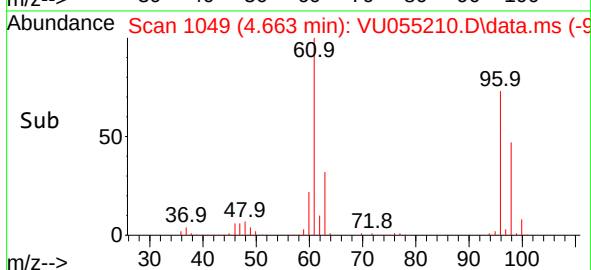
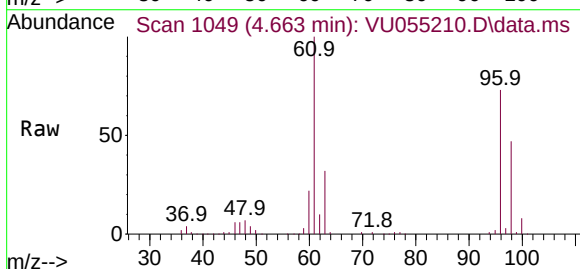
Ion	Ratio	Lower	Upper
96	100		
61	166.6	108.1	200.9
98	70.5	45.4	84.4

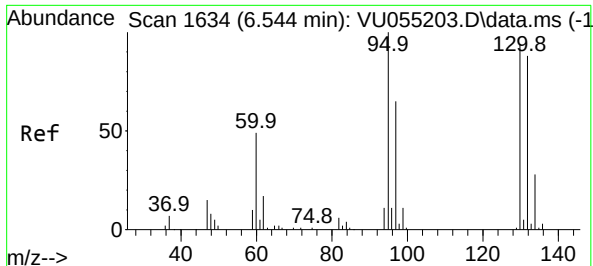


#22
 cis-1,2-Dichloroethene
 Concen: 38.440 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055210.D
 Acq: 08 Sep 2023 01:20

Tgt Ion: 96 Resp: 369227

Ion	Ratio	Lower	Upper
96	100		
61	136.5	97.2	180.4
98	64.8	46.1	85.7

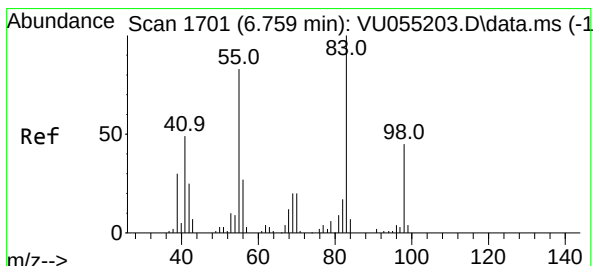
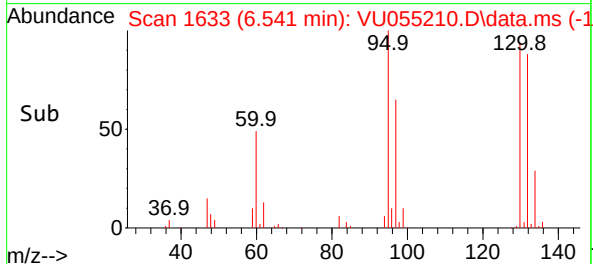
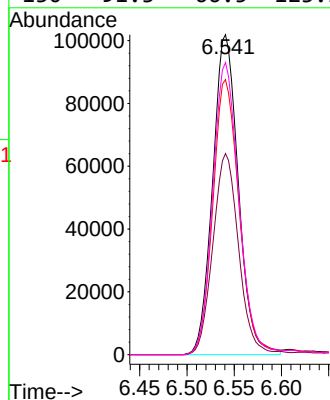
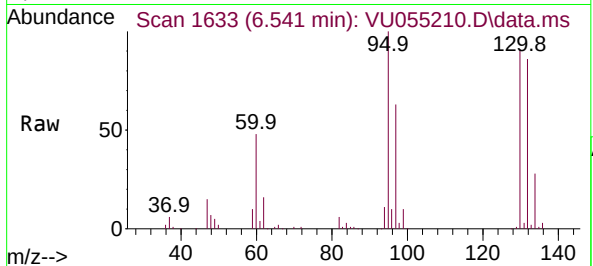




#34
Trichloroethene
Concen: 18.728 ug/L
RT: 6.541 min Scan# 1634
Delta R.T. -0.003 min
Lab File: VU055210.D
Acq: 08 Sep 2023 01:20

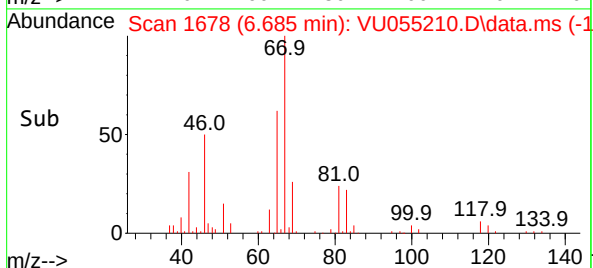
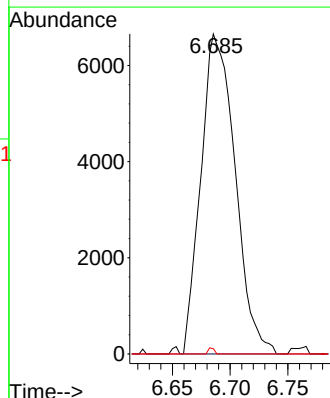
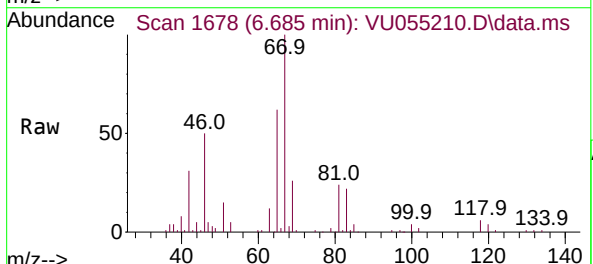
Instrument :
MSVOA_U
ClientSampleId :

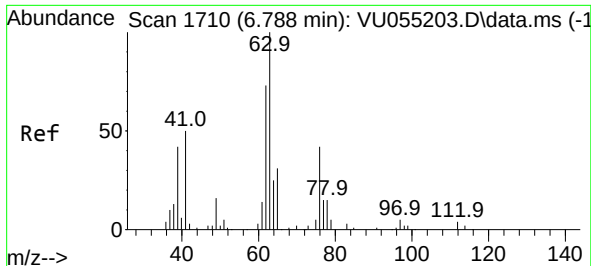
Tgt Ion: 95 Resp: 192608
Ion Ratio Lower Upper
95 100
97 62.8 44.7 83.1
132 86.0 66.6 123.6
130 91.3 66.5 123.5



#35
Methylcyclohexane
Concen: 0.949 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055210.D
Acq: 08 Sep 2023 01:20

Tgt Ion: 83 Resp: 13700
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 0.0 35.3 52.9#

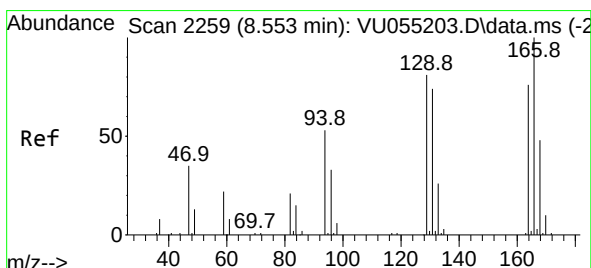
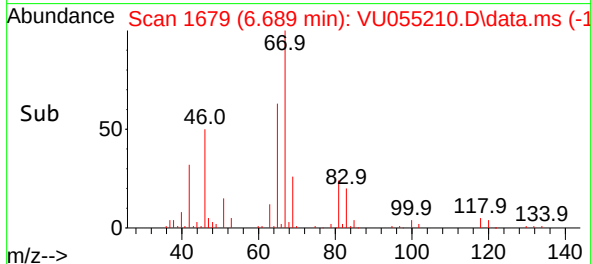
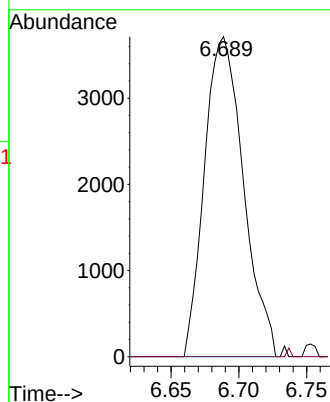
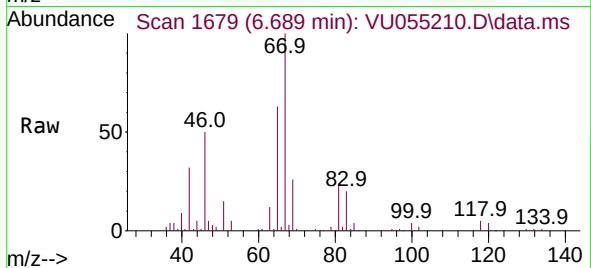




#37
1,2-Dichloropropane
Concen: 0.737 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055210.D
Acq: 08 Sep 2023 01:20

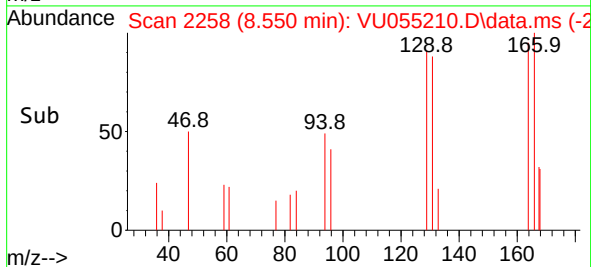
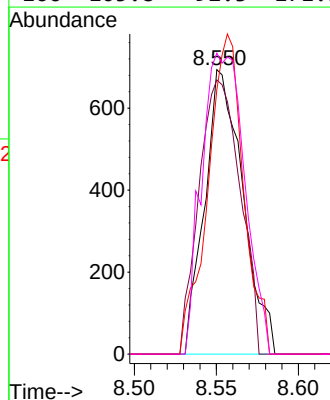
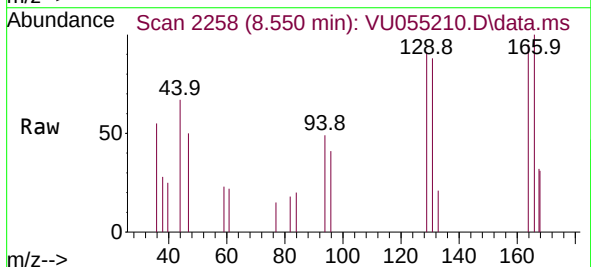
Instrument :
MSVOA_U
ClientSampleId :

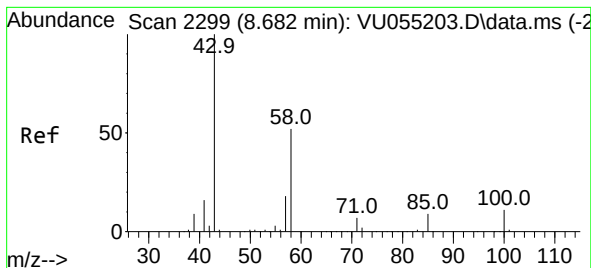
Tgt Ion: 63 Resp: 7430
Ion Ratio Lower Upper
63 100
112 0.3 3.2 4.8#



#47
Tetrachloroethene
Concen: 0.158 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.003 min
Lab File: VU055210.D
Acq: 08 Sep 2023 01:20

Tgt Ion: 164 Resp: 1122
Ion Ratio Lower Upper
164 100
129 96.4 69.2 128.6
131 92.9 68.8 127.8
166 105.8 92.3 171.5





#48

2-Hexanone

Concen: 4.954 ug/L

RT: 8.685 min Scan# 21

Delta R.T. 0.003 min

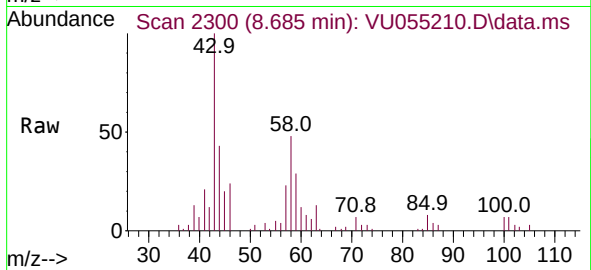
Lab File: VU055210.D

Acq: 08 Sep 2023 01:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 22299

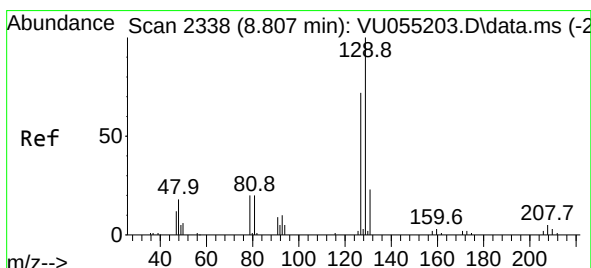
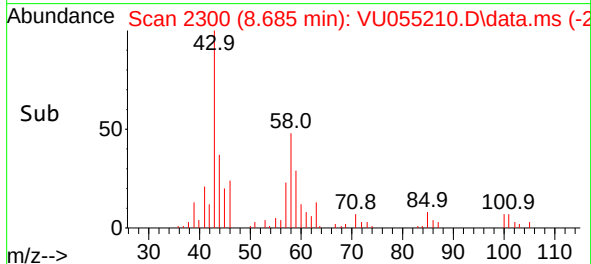
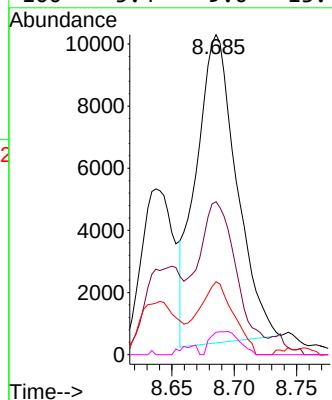
Ion Ratio Lower Upper

43 100

58 46.8 44.0 66.0

57 20.8 16.2 24.2

100 5.4 9.0 13.4#



#49

Dibromochloromethane

Concen: 0.158 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.257 min

Lab File: VU055210.D

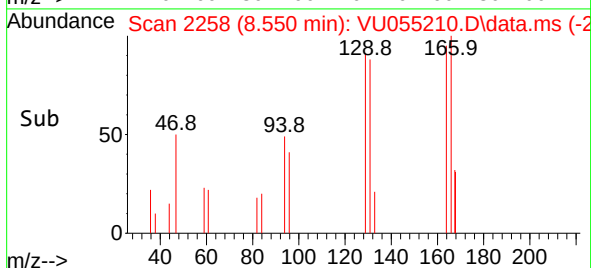
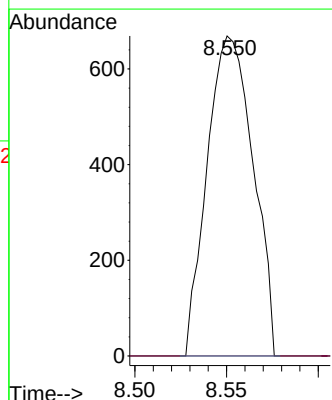
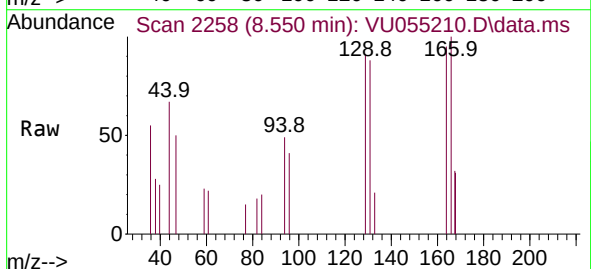
Acq: 08 Sep 2023 01:20

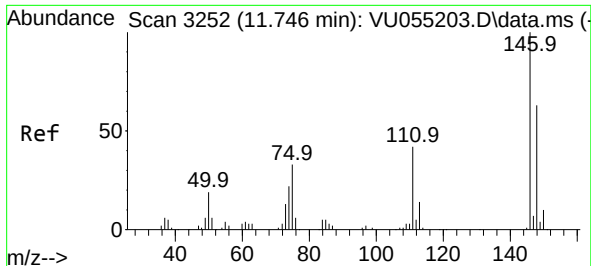
Tgt Ion: 129 Resp: 1168

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#64

1,3-Dichlorobenzene

Concen: 0.107 ug/L

RT: 11.753 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU055210.D

Acq: 08 Sep 2023 01:20

Instrument :

MSVOA_U

ClientSampleId :

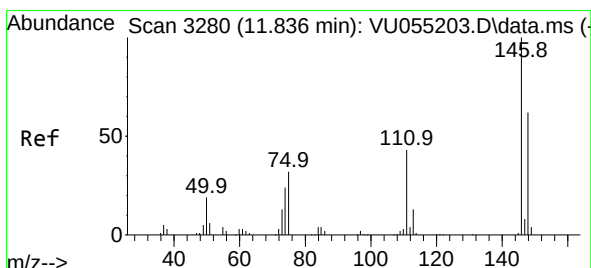
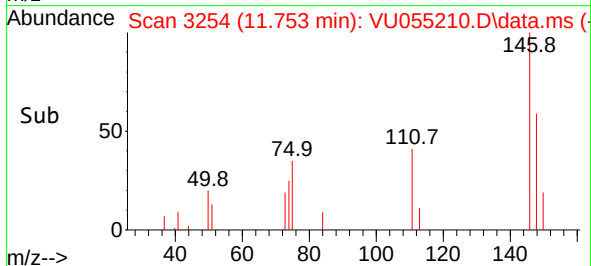
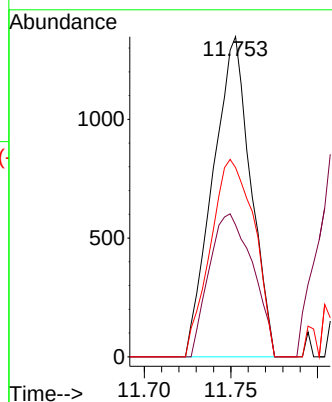
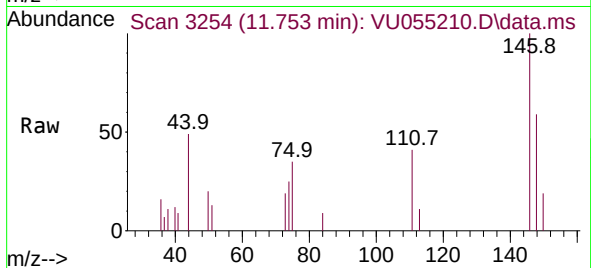
Tgt Ion:146 Resp: 2043

Ion Ratio Lower Upper

146 100

111 41.2 30.0 55.6

148 59.1 45.2 84.0



#65

1,4-Dichlorobenzene

Concen: 0.285 ug/L

RT: 11.840 min Scan# 3281

Delta R.T. 0.003 min

Lab File: VU055210.D

Acq: 08 Sep 2023 01:20

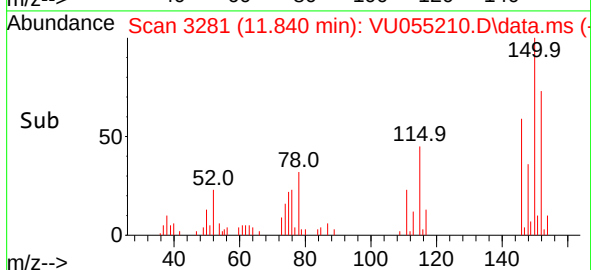
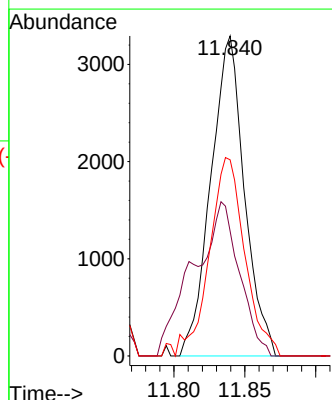
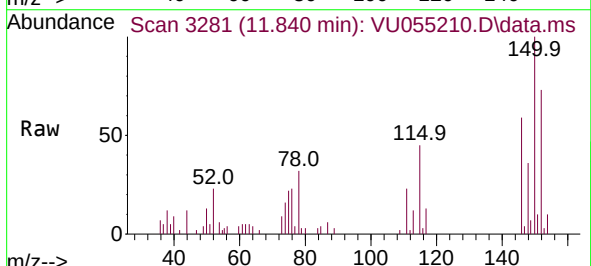
Tgt Ion:146 Resp: 5436

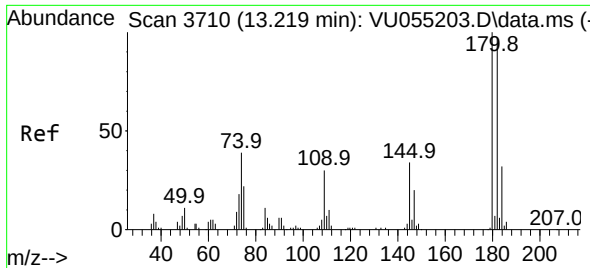
Ion Ratio Lower Upper

146 100

111 39.0 28.1 52.1

148 73.2 43.8 81.3





#69

1,3,5-Trichlorobenzene

Concen: 5.091 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.621 min

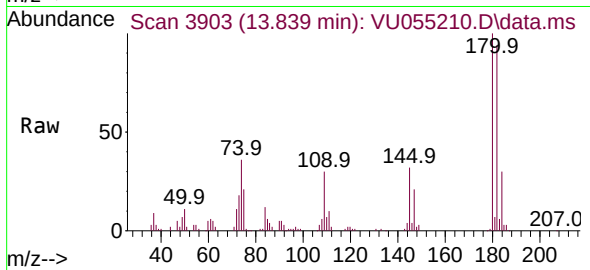
Lab File: VU055210.D

Acq: 08 Sep 2023 01:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 73719

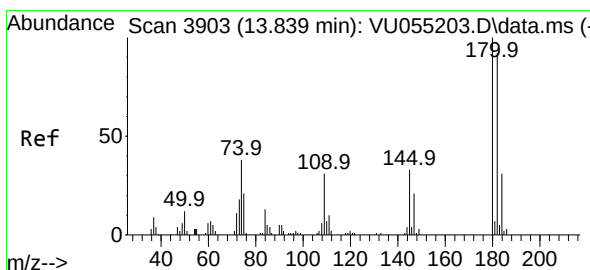
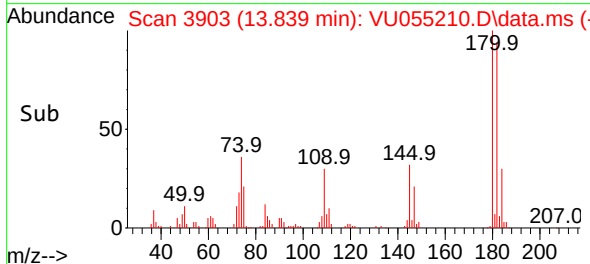
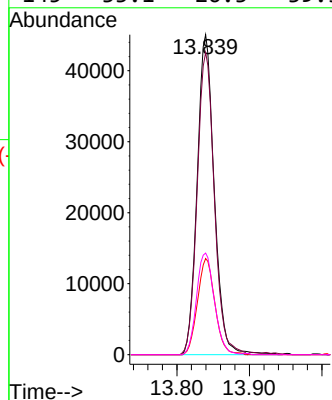
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

184 30.6 24.0 36.0

145 33.1 26.3 39.5



#70

1,2,4-trichlorobenzene

Concen: 5.425 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.000 min

Lab File: VU055210.D

Acq: 08 Sep 2023 01:20

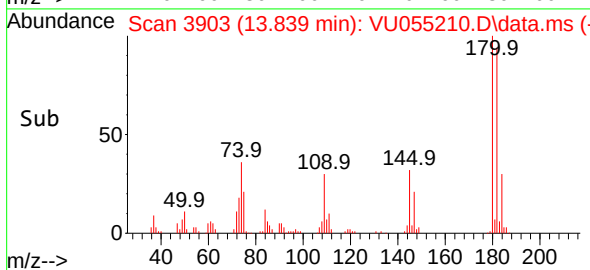
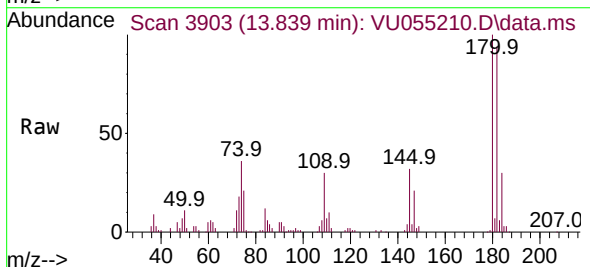
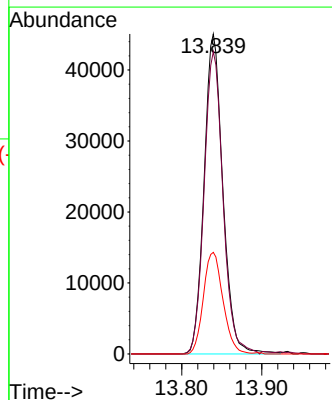
Tgt Ion:180 Resp: 73664

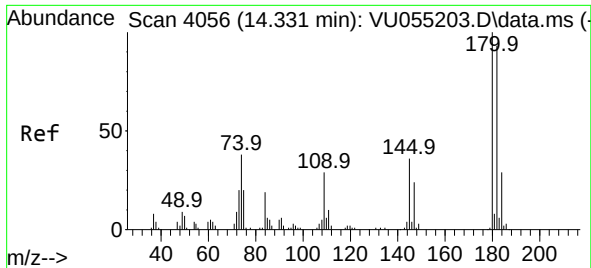
Ion Ratio Lower Upper

180 100

182 94.8 73.6 110.4

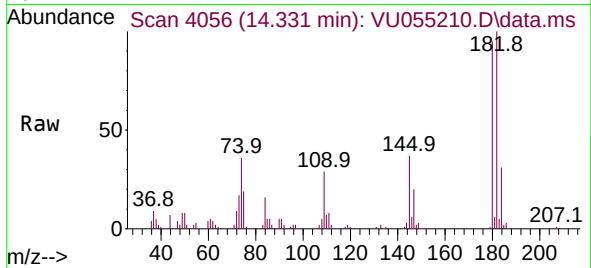
145 33.2 25.8 38.8





#72
 1,2,3-Trichlorobenzene
 Concen: 1.889 ug/L
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.000 min
 Lab File: VU055210.D
 Acq: 08 Sep 2023 01:20

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	22259
Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.6	113.4
145	36.2	27.0	40.6

