

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061623\
 Data File : VU054565.D
 Acq On : 16 Jun 2023 11:45
 Operator : MD/SY
 Sample : 03253-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY4

Quant Time: Jun 17 06:13:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

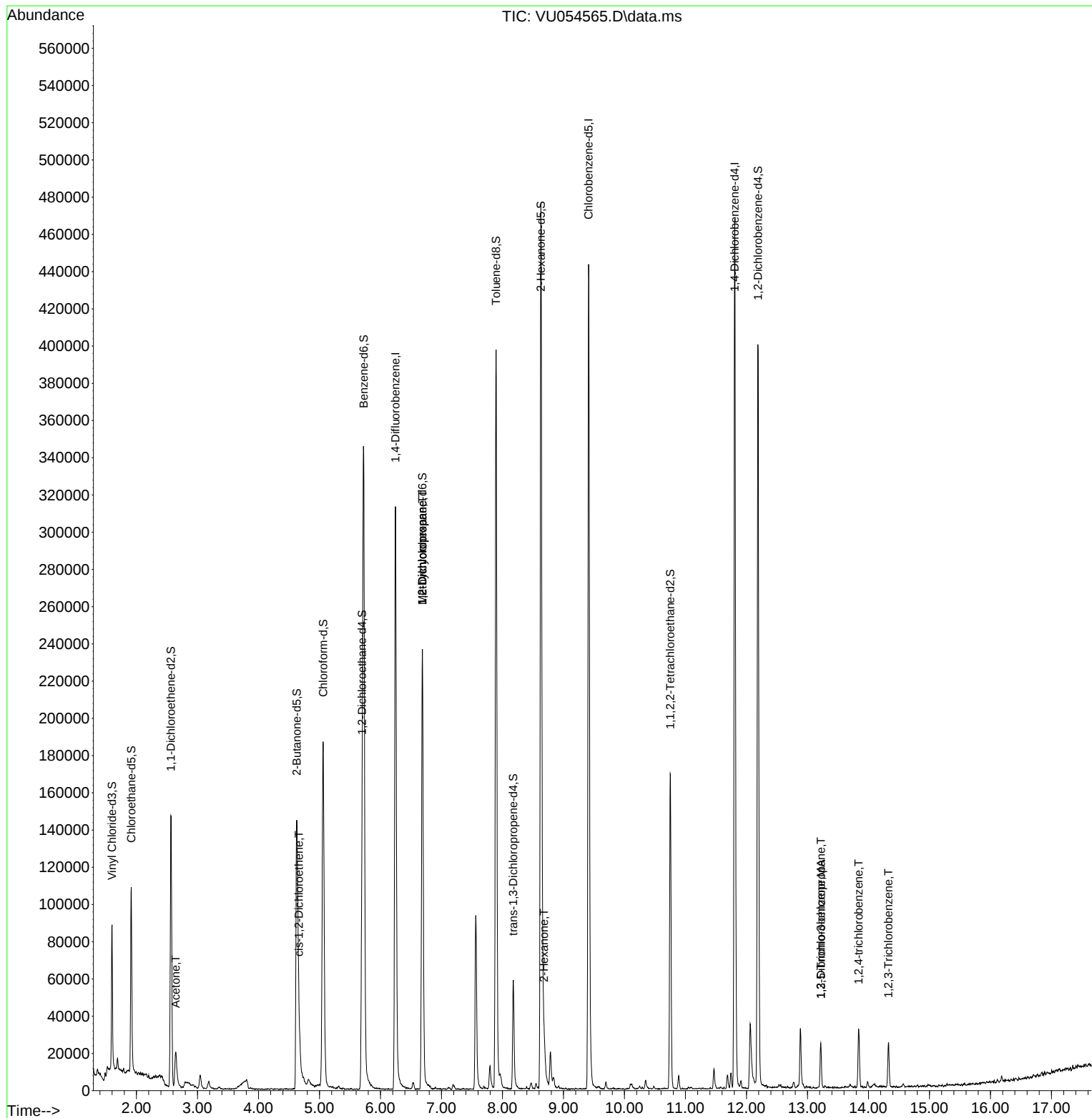
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	258412	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	255667	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	125506	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	59889	3.642	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.800%	
7) Chloroethane-d5	1.914	69	78648	5.108	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.200%	
11) 1,1-Dichloroethene-d2	2.564	65	28202	3.840	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.800%	
20) 2-Butanone-d5	4.628	46	244687	52.919	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.840%	
24) Chloroform-d	5.059	84	175154	5.095	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.698	65	87932	5.247	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	5.724	84	333008	4.686	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.686	67	120121	5.061	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.200%	
41) Toluene-d8	7.895	98	271899	4.311	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.200%	
43) trans-1,3-Dichloroprop...	8.177	79	34146	4.137	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.628	63	166953	48.214	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.420%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	89397	5.051	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	108279	5.115	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						Qvalue
13) Acetone	2.641	43	30849	7.076	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	2707	0.123	ug/L #	82
35) Methylcyclohexane	6.686	83	27443	0.747	ug/L #	16
37) 1,2-Dichloropropane	6.686	63	12302	0.495	ug/L #	90
48) 2-Hexanone	8.682	43	13866	1.404	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	13.219	75	1231	0.442	ug/L #	2
69) 1,3,5-Trichlorobenzene	13.219	180	8077	0.249	ug/L	95
70) 1,2,4-trichlorobenzene	13.840	180	9871	0.369	ug/L	96
72) 1,2,3-Trichlorobenzene	14.328	180	8207	0.357	ug/L	95

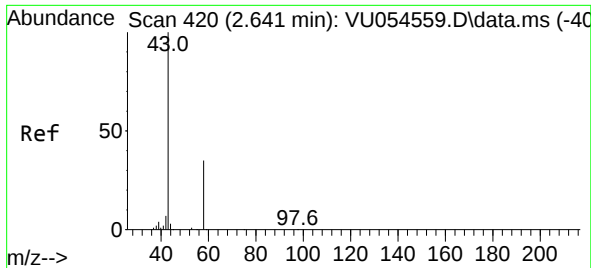
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 17 06:10:25 2023
Response via : Initial Calibration





#13

Acetone

Concen: 7.076 ug/L

RT: 2.641 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU054565.D

Acq: 16 Jun 2023 11:45

Instrument :

MSVOA_U

ClientSampleId :

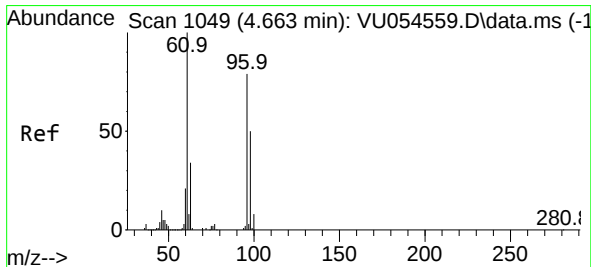
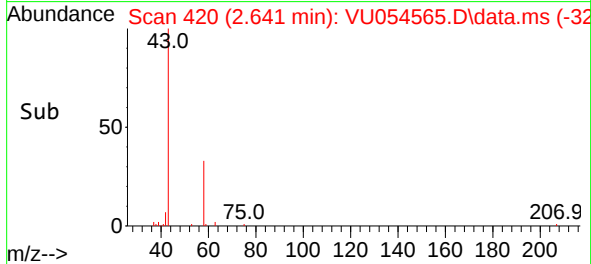
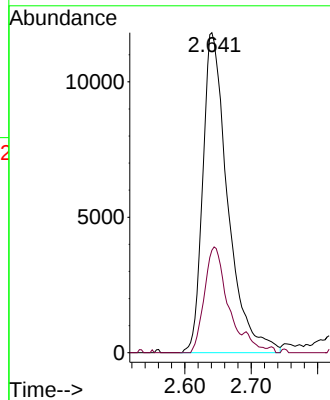
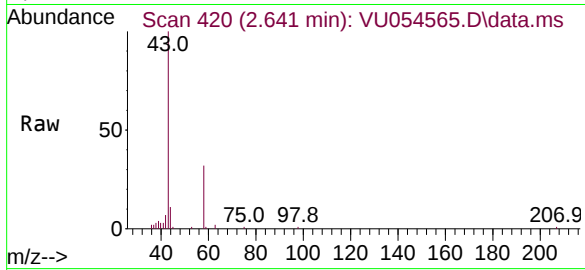
EXYY4

Tgt Ion: 43 Resp: 30849

Ion Ratio Lower Upper

43 100

58 29.4 0.0 67.2



#22

cis-1,2-Dichloroethene

Concen: 0.123 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU054565.D

Acq: 16 Jun 2023 11:45

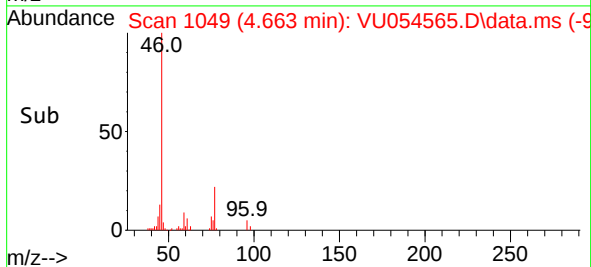
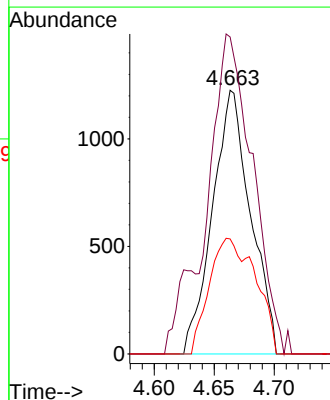
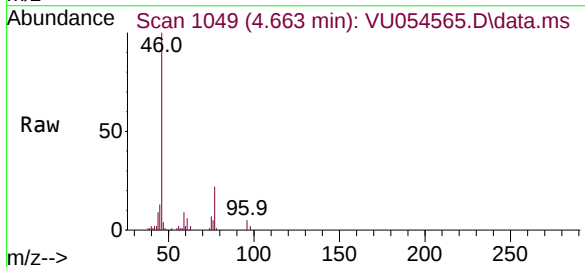
Tgt Ion: 96 Resp: 2707

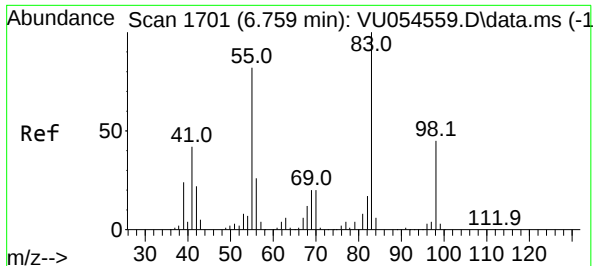
Ion Ratio Lower Upper

96 100

61 120.2 96.5 179.1

98 43.6 44.9 83.3#

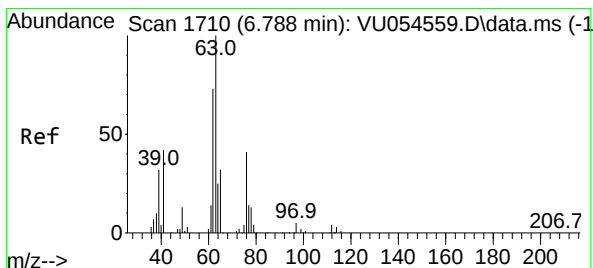
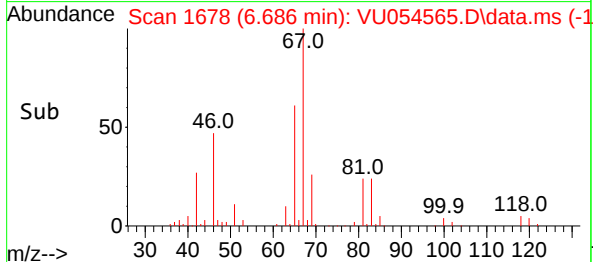
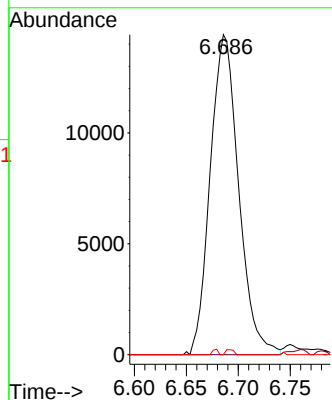
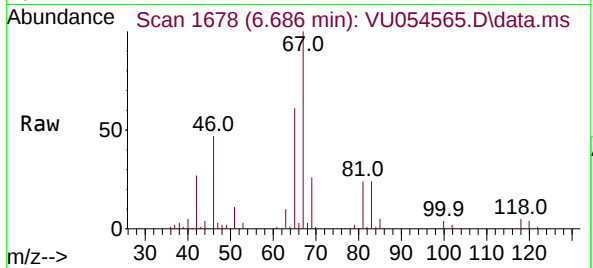




#35
Methylcyclohexane
Concen: 0.747 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054565.D
Acq: 16 Jun 2023 11:45

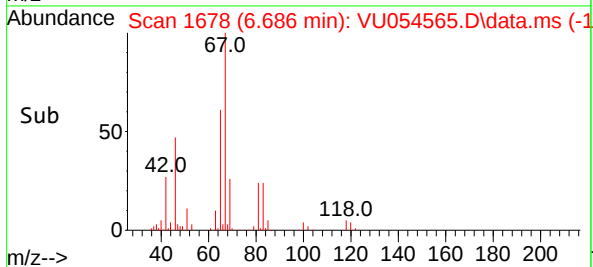
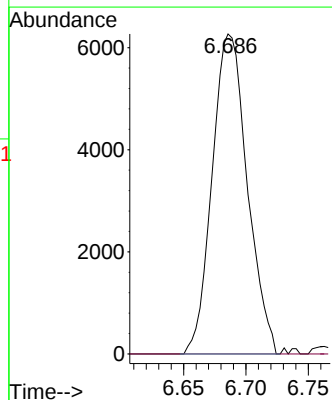
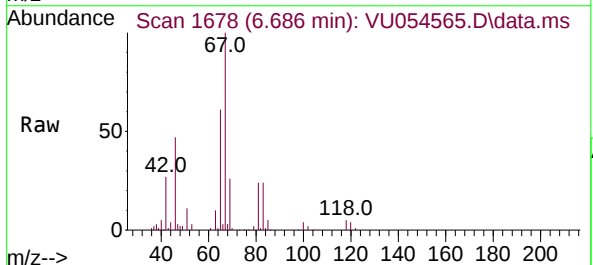
Instrument :
MSVOA_U
ClientSampleId :
EXYY4

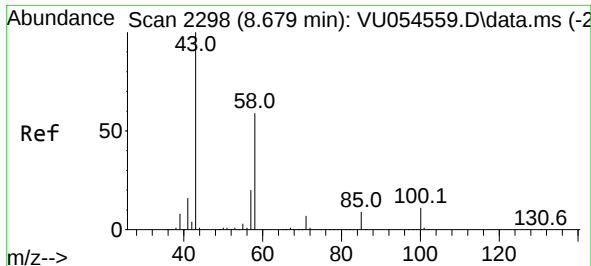
Tgt Ion: 83 Resp: 27443
Ion Ratio Lower Upper
83 100
55 0.0 67.1 100.7#
98 0.4 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU054565.D
Acq: 16 Jun 2023 11:45

Tgt Ion: 63 Resp: 12302
Ion Ratio Lower Upper
63 100
112 0.6 3.0 4.6#

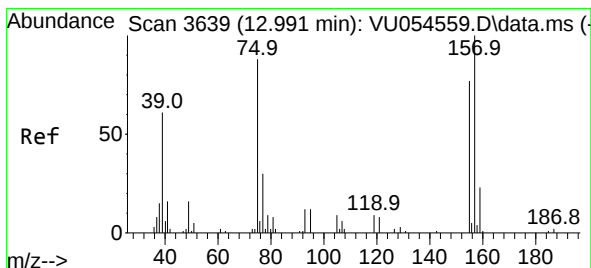
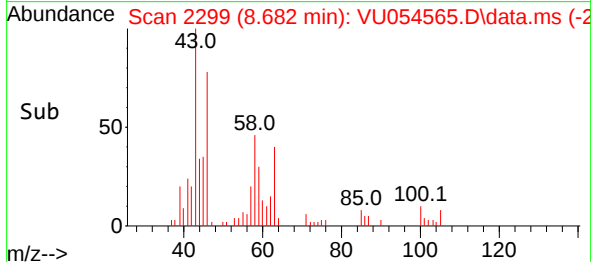
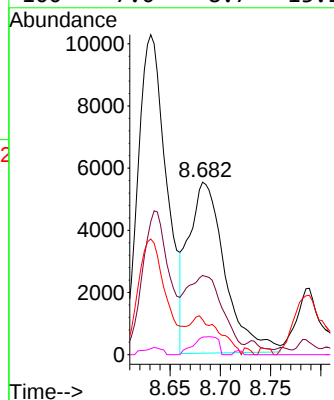
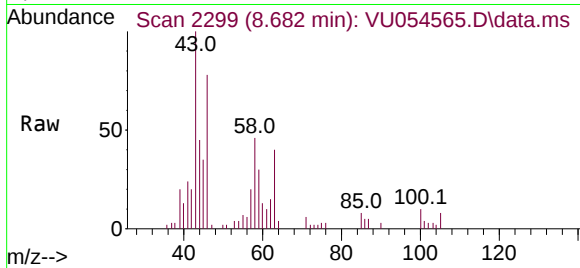




#48
2-Hexanone
Concen: 1.404 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054565.D
Acq: 16 Jun 2023 11:45

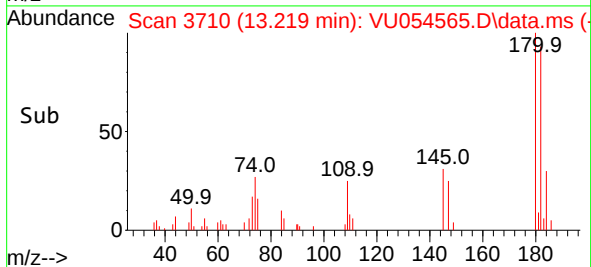
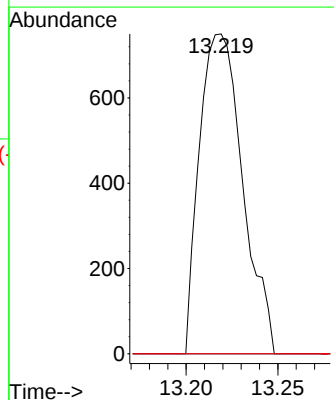
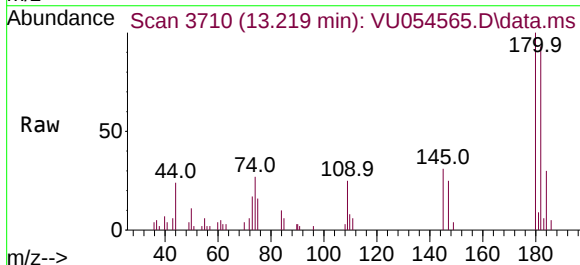
Instrument :
MSVOA_U
ClientSampleId :
EXYY4

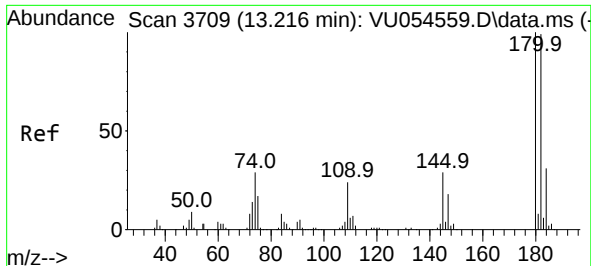
Tgt Ion: 43 Resp: 13866
Ion Ratio Lower Upper
43 100
58 44.2 45.2 67.8#
57 17.7 15.8 23.6
100 7.0 8.7 13.1#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.442 ug/L
RT: 13.219 min Scan# 3710
Delta R.T. 0.228 min
Lab File: VU054565.D
Acq: 16 Jun 2023 11:45

Tgt Ion: 75 Resp: 1231
Ion Ratio Lower Upper
75 100
155 0.0 65.7 98.5#
157 0.0 84.2 126.2#





#69

1,3,5-Trichlorobenzene

Concen: 0.249 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054565.D

Acq: 16 Jun 2023 11:45

Instrument :

MSVOA_U

ClientSampleId :

EXYY4

Tgt Ion:180 Resp: 8077

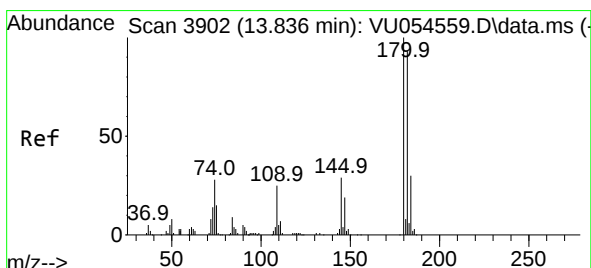
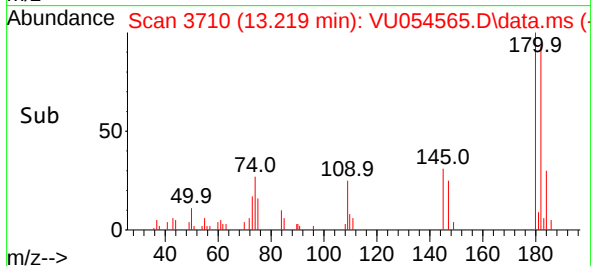
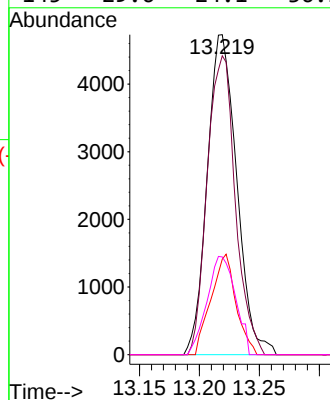
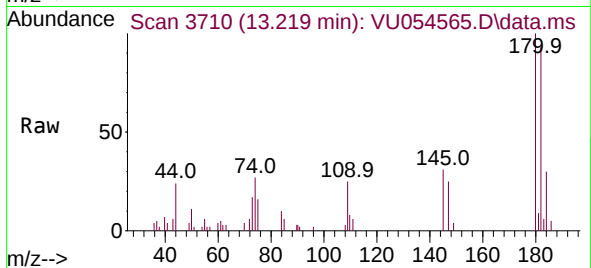
Ion Ratio Lower Upper

180 100

182 88.9 75.0 112.6

184 26.6 24.1 36.1

145 29.6 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 0.369 ug/L

RT: 13.840 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU054565.D

Acq: 16 Jun 2023 11:45

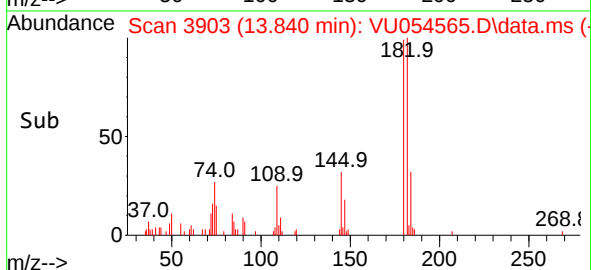
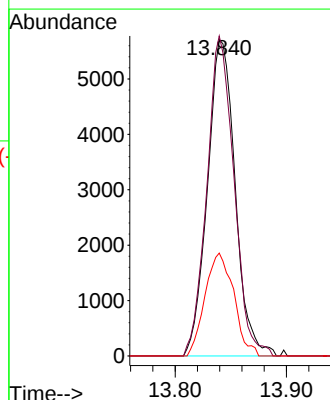
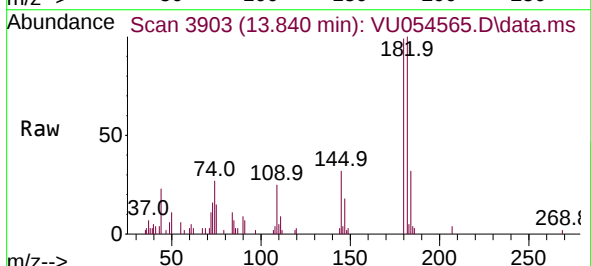
Tgt Ion:180 Resp: 9871

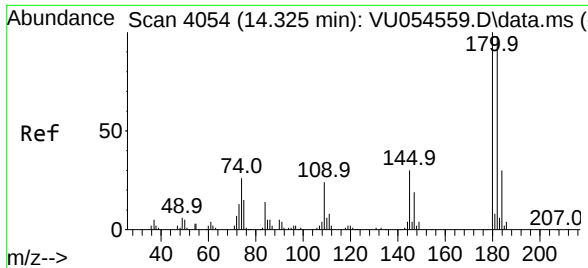
Ion Ratio Lower Upper

180 100

182 99.0 76.6 114.8

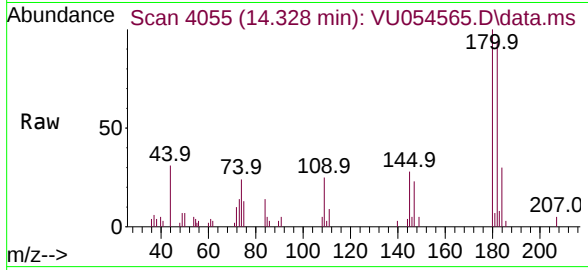
145 33.7 24.0 36.0





#72
1,2,3-Trichlorobenzene
Concen: 0.357 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054565.D
Acq: 16 Jun 2023 11:45

Instrument :
MSVOA_U
ClientSampleId :
EXYY4



Tgt Ion:	180	Resp:	8207
Ion	Ratio	Lower	Upper
180	100		
182	97.9	75.4	113.2
145	28.3	26.0	39.0

