

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051698.D
 Acq On : 02 Nov 2022 18:09
 Operator : JC/MD
 Sample : N5353-13DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWW9DL

Quant Time: Nov 03 01:49:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

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

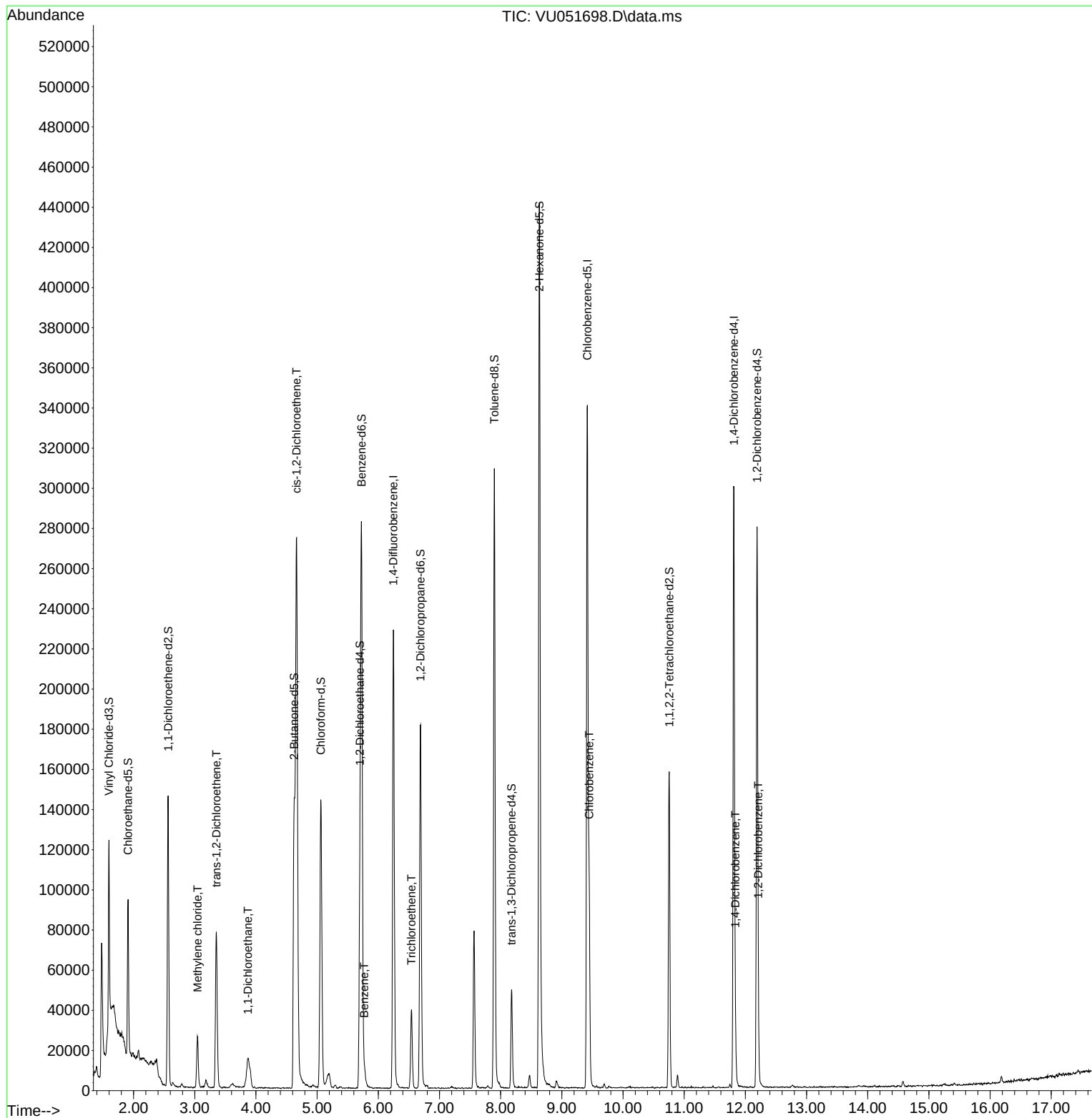
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	188089	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	197881	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	82251	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68411	4.829	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.600%	
7) Chloroethane-d5	1.909	69	62205	4.210	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.200%	
11) 1,1-Dichloroethene-d2	2.565	65	27644	5.377	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	107.600%	
20) 2-Butanone-d5	4.623	46	195259	38.060	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.120%	
24) Chloroform-d	5.060	84	137231	4.140	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.800%	
26) 1,2-Dichloroethane-d4	5.700	65	73346	4.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.000%	
32) Benzene-d6	5.726	84	273388	4.378	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.687	67	91152	4.174	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.400%	
41) Toluene-d8	7.896	98	212777	4.333	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
43) trans-1,3-Dichloroprop...	8.179	79	29577	4.430	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.632	63	149730	37.254	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	74.500%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	81055	4.051	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	76627	5.076	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
						Qvalue
16) Methylene chloride	3.044	84	12481	0.466	ug/L	94
18) trans-1,2-Dichloroethene	3.353	96	33352	1.901	ug/L	98
19) 1,1-Dichloroethane	3.867	63	8357	0.258	ug/L #	87
22) cis-1,2-Dichloroethene	4.665	96	139087	7.163	ug/L	99
33) Benzene	5.771	78	7962	0.102	ug/L	100
34) Trichloroethene	6.542	95	13397	0.711	ug/L	91
51) Chlorobenzene	9.446	112	55146	1.093	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	11190	0.373	ug/L	87
67) 1,2-Dichlorobenzene	12.211	146	6646	0.228	ug/L	90

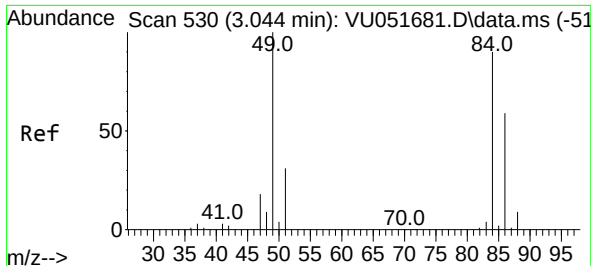
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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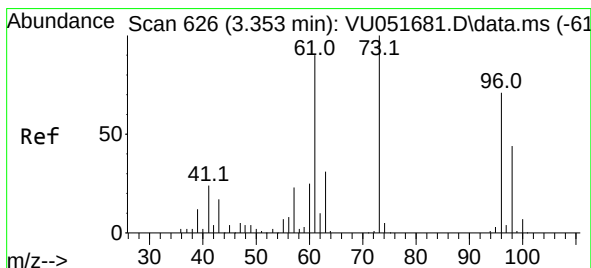
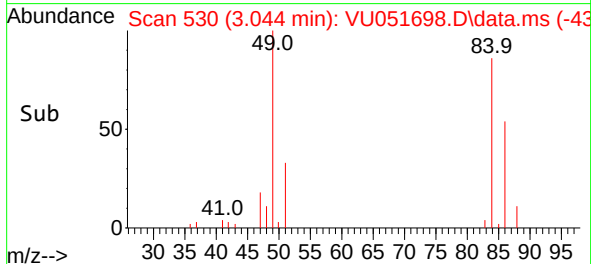
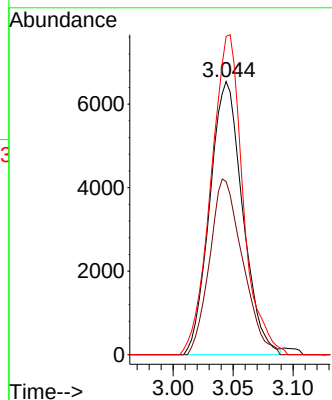
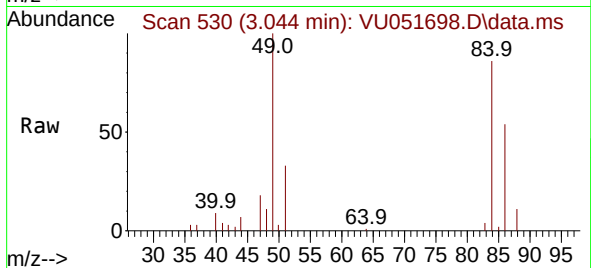




#16
Methylene chloride
Concen: 0.466 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051698.D
Acq: 02 Nov 2022 18:09

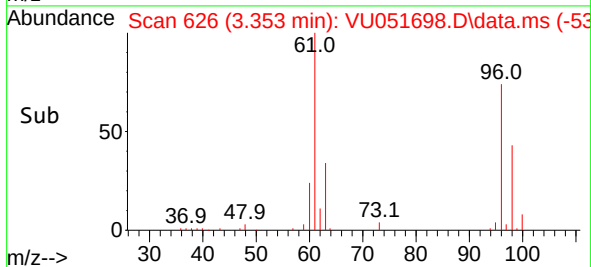
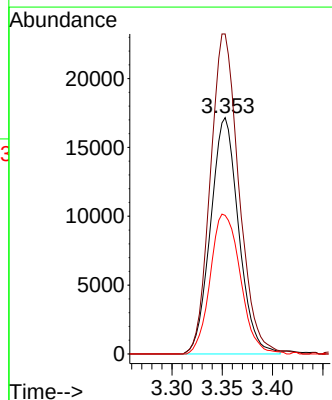
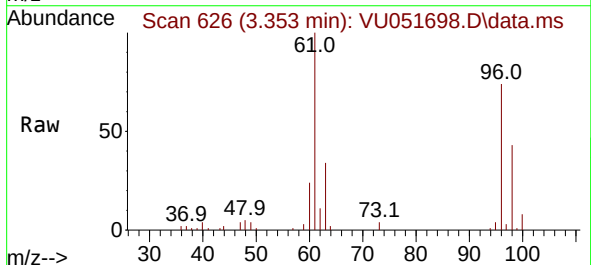
Instrument :
MSVOA_U
ClientSampleId :
DBWW9DL

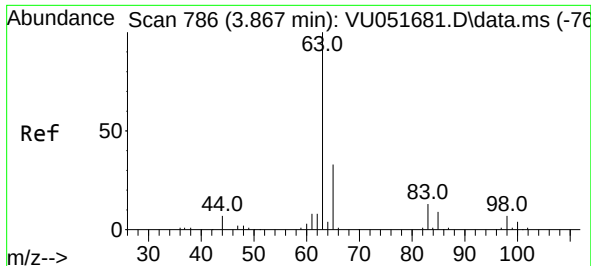
Tgt Ion: 84 Resp: 12481
Ion Ratio Lower Upper
84 100
86 63.4 46.3 85.9
49 116.5 76.0 141.2



#18
trans-1,2-Dichloroethene
Concen: 1.901 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU051698.D
Acq: 02 Nov 2022 18:09

Tgt Ion: 96 Resp: 33352
Ion Ratio Lower Upper
96 100
61 135.4 94.7 175.9
98 58.6 44.2 82.0





#19

1,1-Dichloroethane

Concen: 0.258 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU051698.D

Acq: 02 Nov 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

DBWW9DL

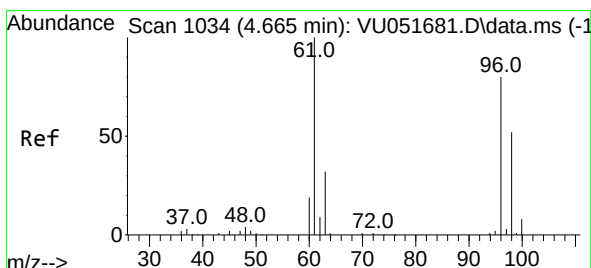
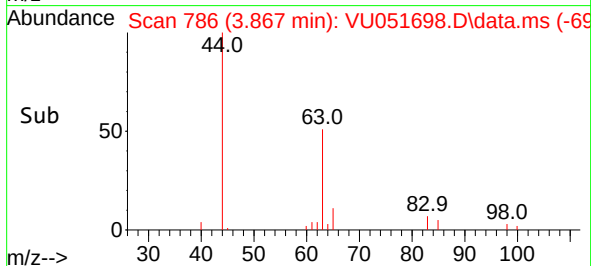
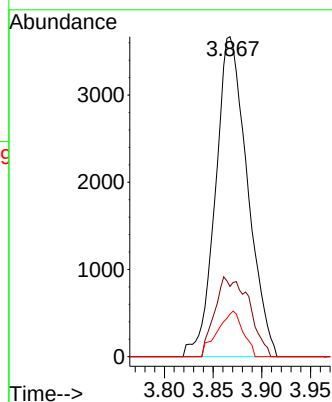
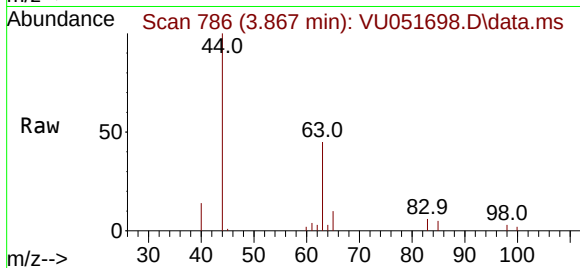
Tgt Ion: 63 Resp: 8357

Ion Ratio Lower Upper

63 100

65 21.9 22.7 42.1#

83 13.3 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 7.163 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051698.D

Acq: 02 Nov 2022 18:09

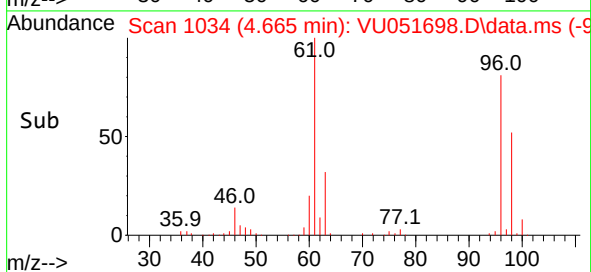
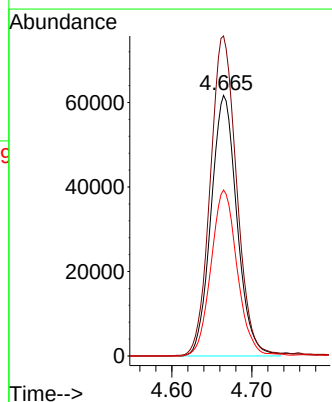
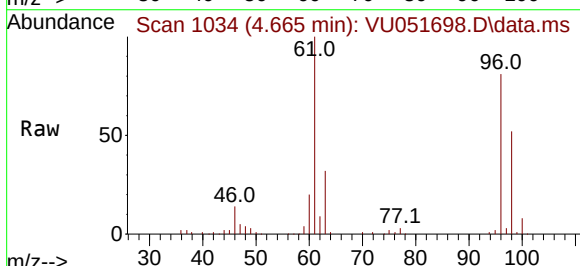
Tgt Ion: 96 Resp: 139087

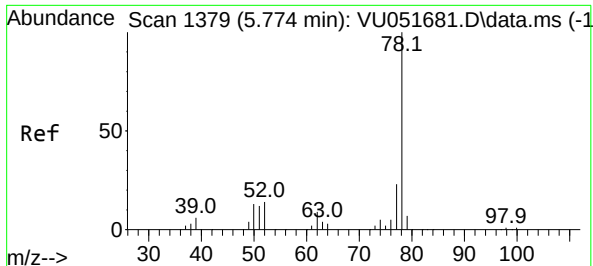
Ion Ratio Lower Upper

96 100

61 122.7 86.4 160.4

98 63.7 44.2 82.2

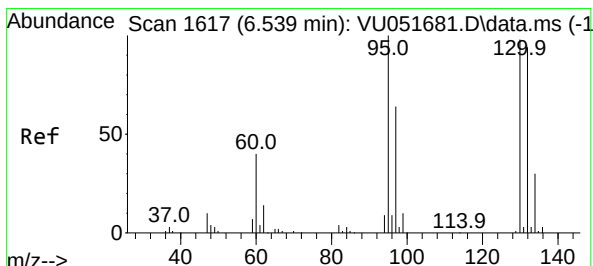
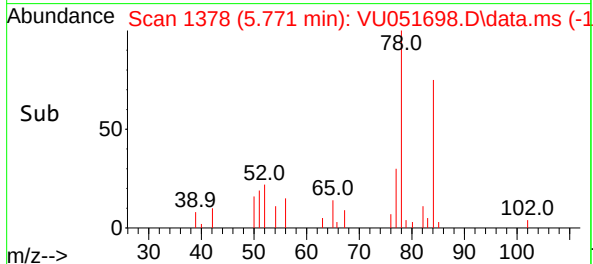
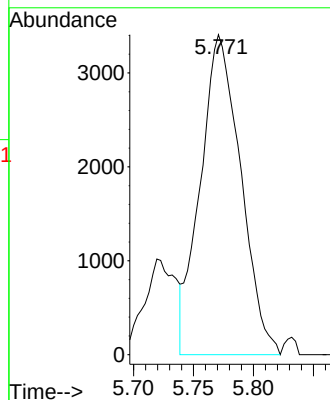
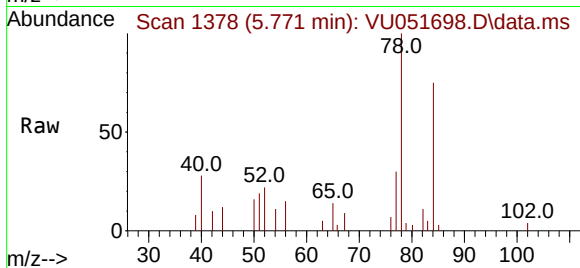




#33
Benzene
Concen: 0.102 ug/L
RT: 5.771 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU051698.D
Acq: 02 Nov 2022 18:09

Instrument :
MSVOA_U
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DBWW9DL

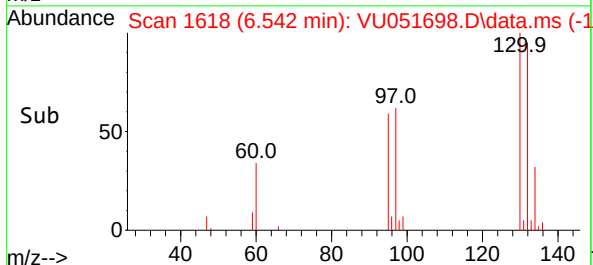
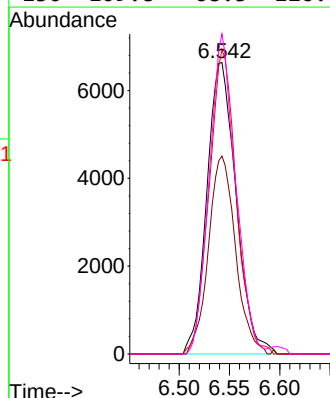
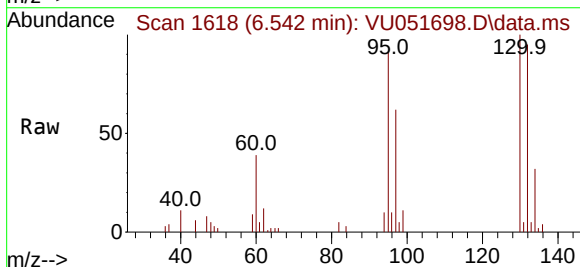
Tgt Ion: 78 Resp: 7962

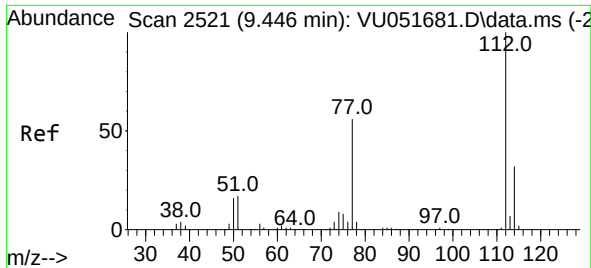


#34
Trichloroethene
Concen: 0.711 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051698.D
Acq: 02 Nov 2022 18:09

Tgt Ion: 95 Resp: 13397

Ion	Ratio	Lower	Upper
95	100		
97	67.9	45.2	84.0
132	104.3	66.5	123.5
130	109.8	68.3	126.8

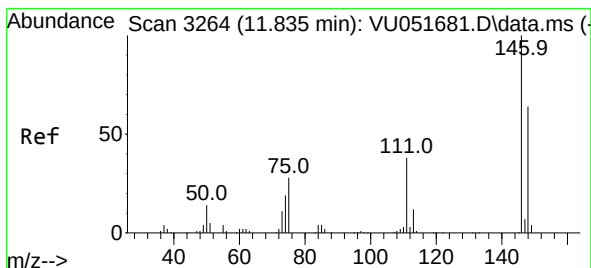
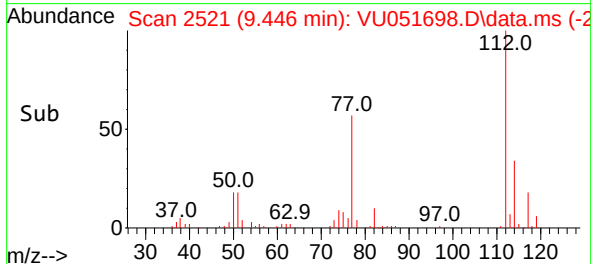
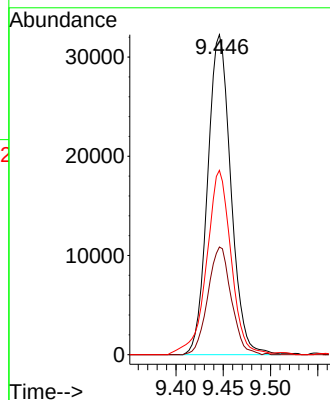
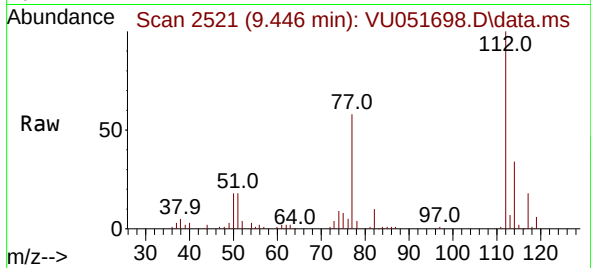




#51
Chlorobenzene
Concen: 1.093 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051698.D
Acq: 02 Nov 2022 18:09

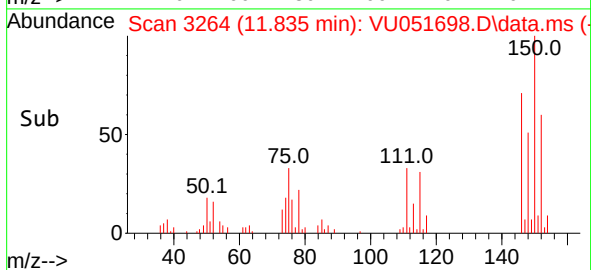
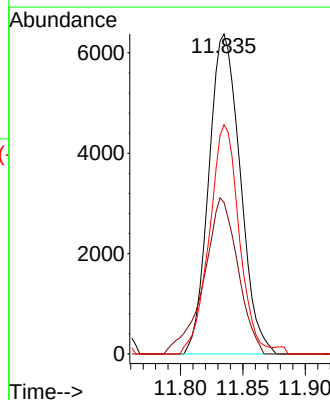
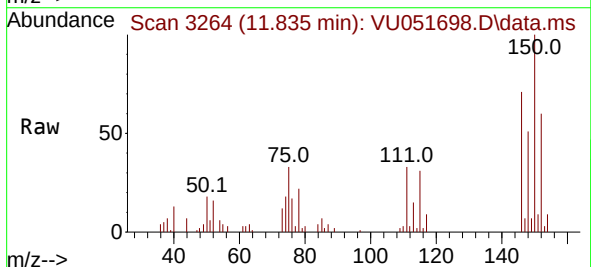
Instrument :
MSVOA_U
ClientSampleId :
DBWW9DL

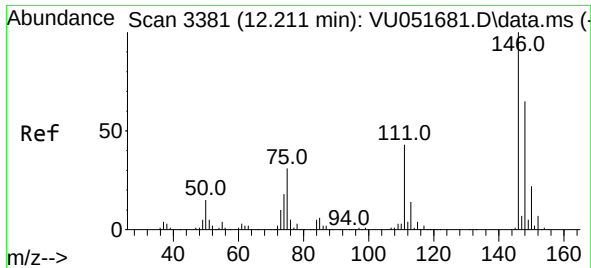
Tgt Ion:112 Resp: 55146
Ion Ratio Lower Upper
112 100
114 33.7 22.0 40.8
77 57.6 46.7 70.1



#65
1,4-Dichlorobenzene
Concen: 0.373 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051698.D
Acq: 02 Nov 2022 18:09

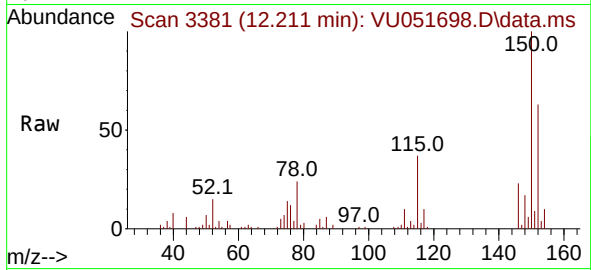
Tgt Ion:146 Resp: 11190
Ion Ratio Lower Upper
146 100
111 47.3 26.7 49.5
148 71.6 43.5 80.9





#67
 1,2-Dichlorobenzene
 Concen: 0.228 ug/L
 RT: 12.211 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051698.D
 Acq: 02 Nov 2022 18:09

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	146	Resp:	6646
Ion	Ratio	Lower	Upper
146	100		
111	44.7	34.2	51.2
148	73.7	50.1	75.1

