

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
 Data File : VU052903.D
 Acq On : 01 Feb 2023 14:21
 Operator : JC/MD
 Sample : 01381-05DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M9DL

Quant Time: Feb 01 20:05:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 20:03:09 2023
 Response via : Initial Calibration

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

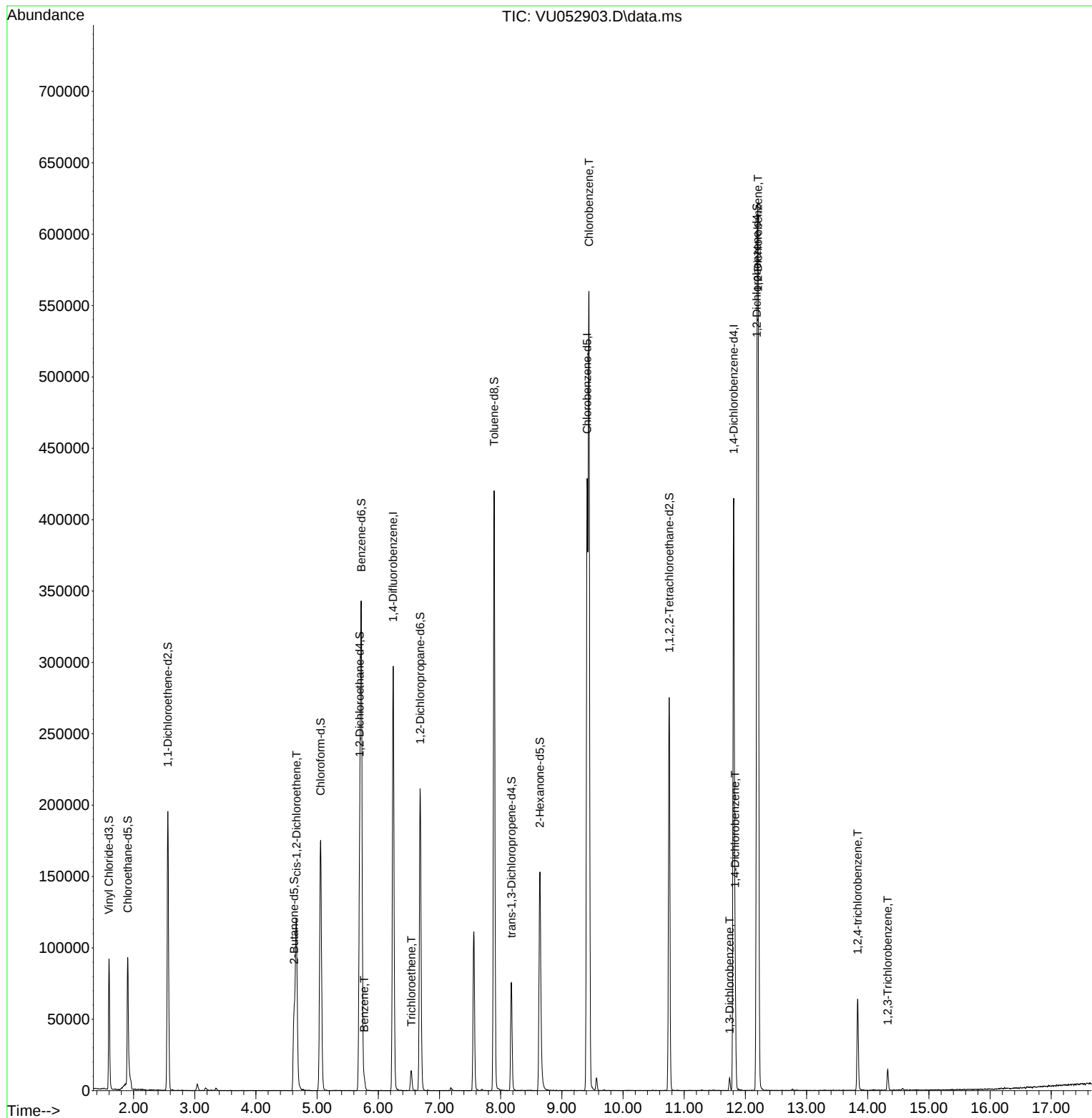
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	243441	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	233329	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	112566	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71401	40.750	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	81.500%	
7) Chloroethane-d5	1.903	69	69245	47.962	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.920%	
11) 1,1-Dichloroethene-d2	2.559	63	117385	33.683	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	67.360%	
21) 2-Butanone-d5	4.623	46	80659	74.518	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	74.520%	
24) Chloroform-d	5.057	84	167082	44.681	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.360%	
26) 1,2-Dichloroethane-d4	5.697	65	113395	47.491	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.980%	
32) Benzene-d6	5.723	84	321241	45.064	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.120%	
36) 1,2-Dichloropropane-d6	6.684	67	96169	45.998	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	92.000%	
41) Toluene-d8	7.893	98	275957	42.512	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.020%	
43) trans-1,3-Dichloroprop...	8.176	79	44835	42.786	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.580%	
47) 2-Hexanone-d5	8.642	63	56100	76.367	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	76.370%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	127352	41.228	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	82.460%	
66) 1,2-Dichlorobenzene-d4	12.189	152	112224	51.344	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.680%	
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.662	96	59685	28.724	ug/L	95
33) Benzene	5.771	78	7774	0.979	ug/L	100
34) Trichloroethene	6.539	95	4859	2.407	ug/L	96
51) Chlorobenzene	9.443	112	299745	53.522	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	4123	1.124	ug/L	91
65) 1,4-Dichlorobenzene	11.832	146	34394	9.058	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	214632	57.852	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	21612	9.493	ug/L	97
72) 1,2,3-Trichlorobenzene	14.327	180	5679	2.360	ug/L	94

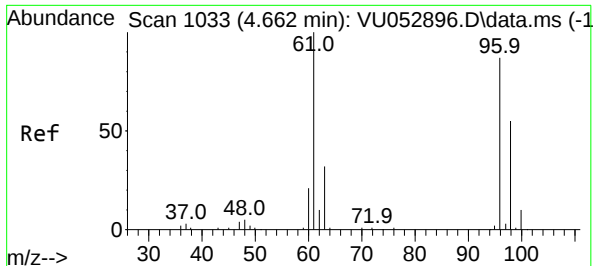
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 01 20:03:09 2023
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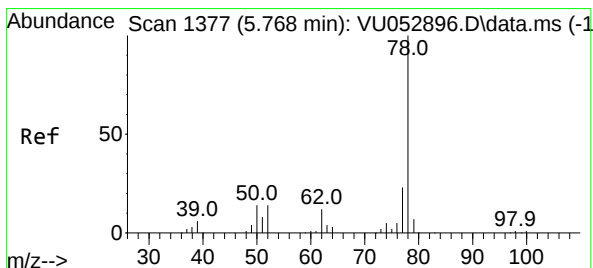
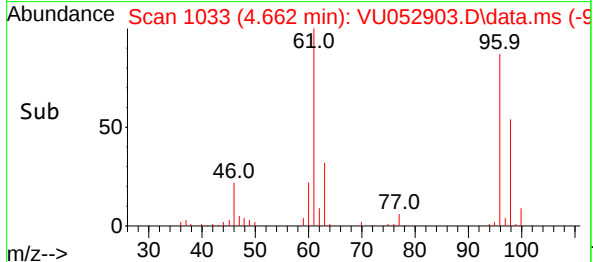
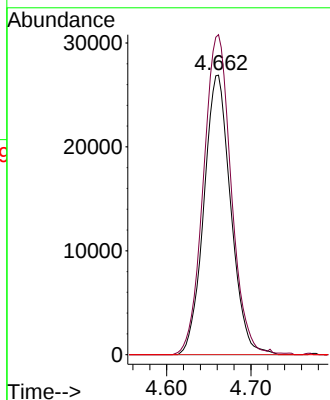
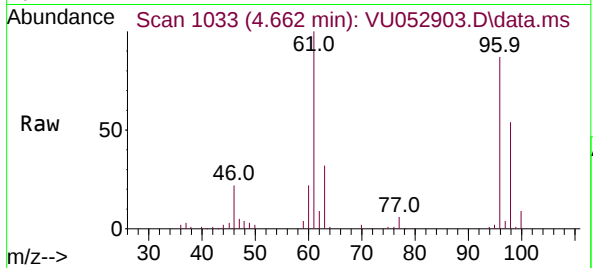




#20
 cis-1,2-Dichloroethene
 Concen: 28.724 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU052903.D
 Acq: 01 Feb 2023 14:21

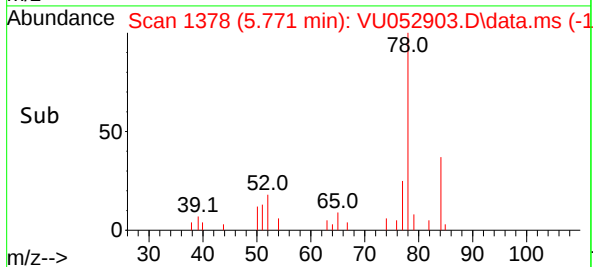
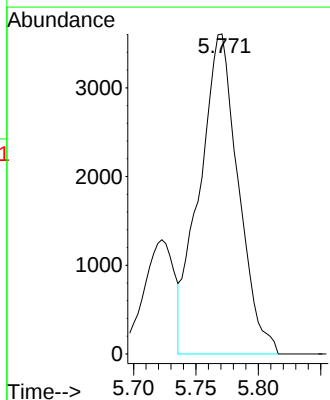
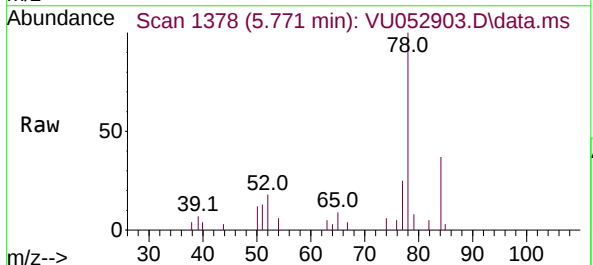
Instrument :
 MSVOA_U
 ClientSampleId :
 A44M9DL

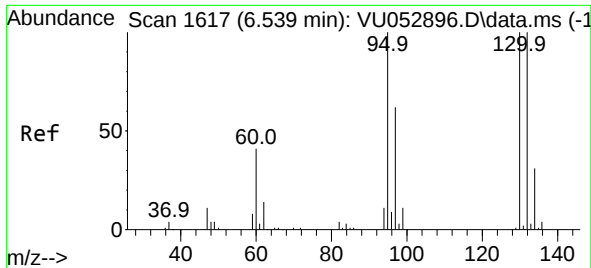
Tgt Ion: 96 Resp: 59685
 Ion Ratio Lower Upper
 96 100
 61 114.5 84.1 156.1
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.979 ug/L
 RT: 5.771 min Scan# 1378
 Delta R.T. 0.003 min
 Lab File: VU052903.D
 Acq: 01 Feb 2023 14:21

Tgt Ion: 78 Resp: 7774



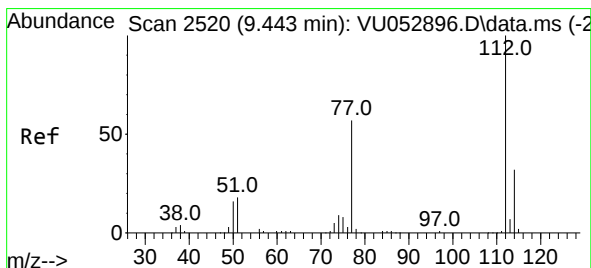
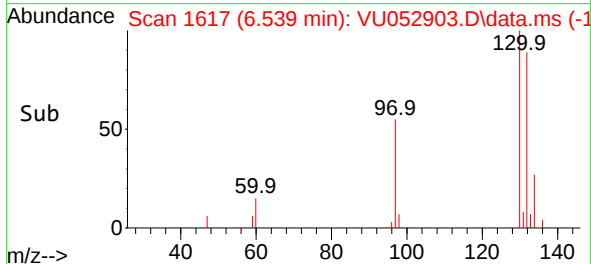
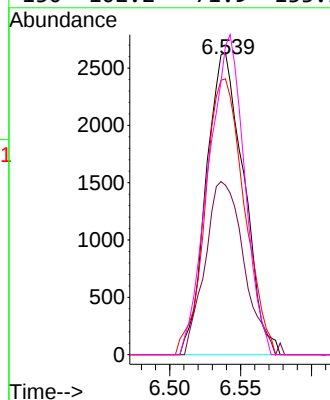
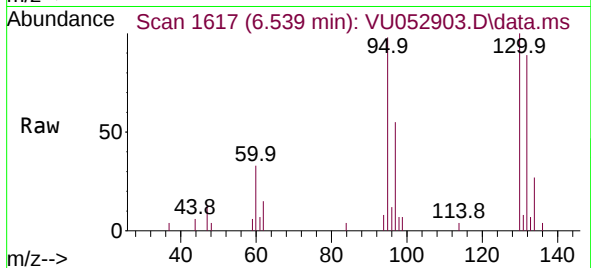


#34
Trichloroethene
Concen: 2.407 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052903.D
Acq: 01 Feb 2023 14:21

Instrument :
MSVOA_U
ClientSampleId :
A44M9DL

Tgt Ion: 95 Resp: 4859

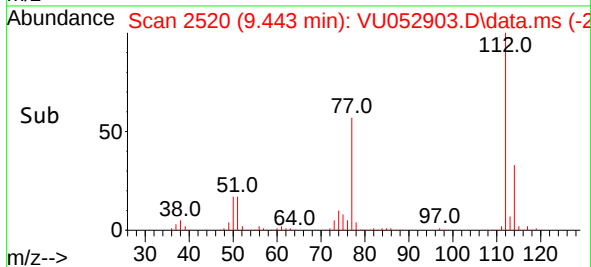
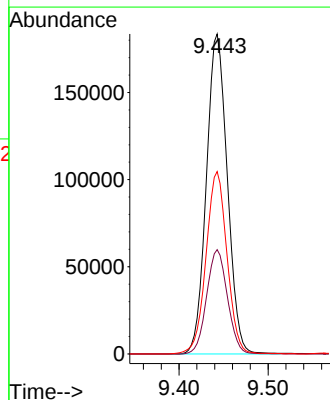
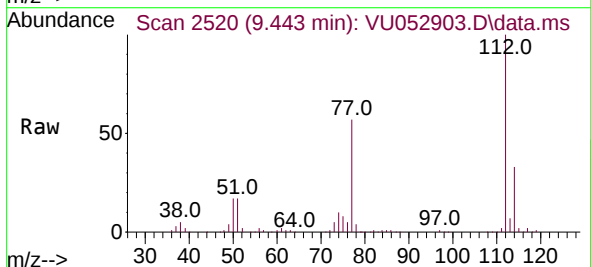
Ion	Ratio	Lower	Upper
95	100		
97	56.1	44.5	82.7
132	91.3	66.8	124.0
130	102.2	71.9	133.5

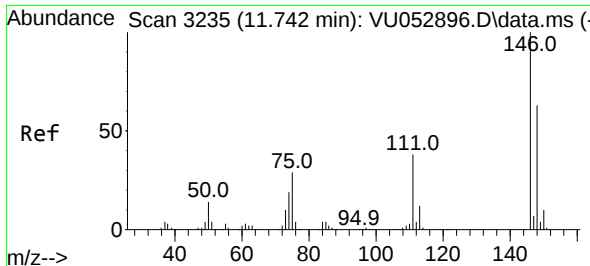


#51
Chlorobenzene
Concen: 53.522 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052903.D
Acq: 01 Feb 2023 14:21

Tgt Ion: 112 Resp: 299745

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.8	42.4
77	57.0	45.9	68.9

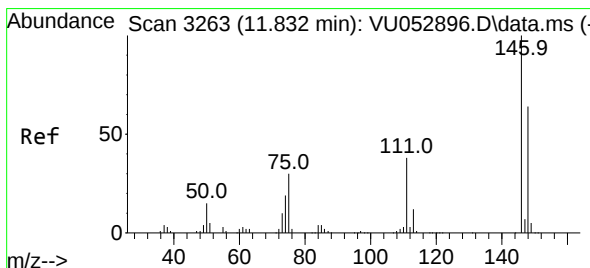
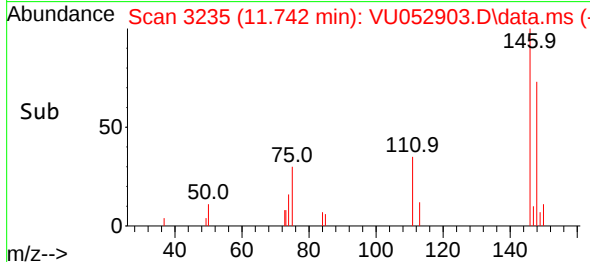
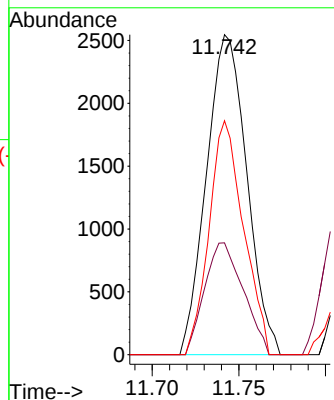
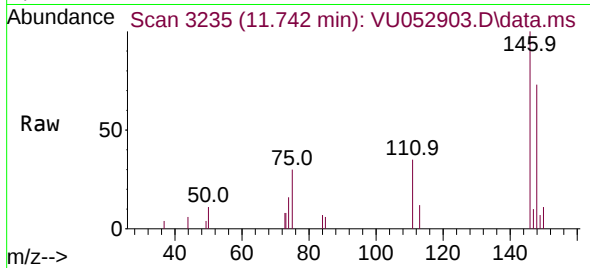




#64
 1,3-Dichlorobenzene
 Concen: 1.124 ug/L
 RT: 11.742 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052903.D
 Acq: 01 Feb 2023 14:21

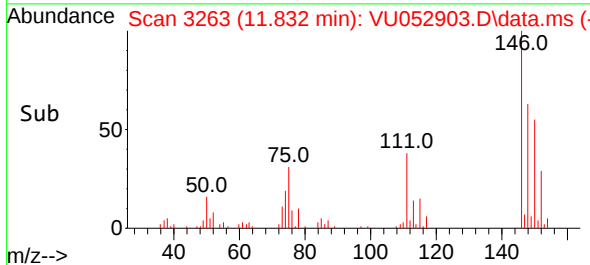
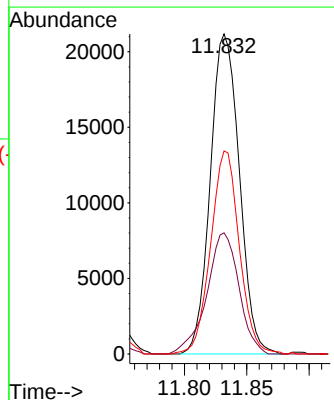
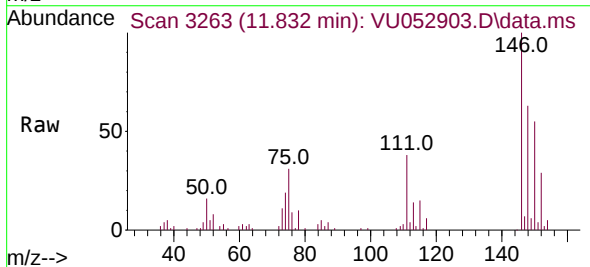
Instrument :
 MSVOA_U
 ClientSampleId :
 A44M9DL

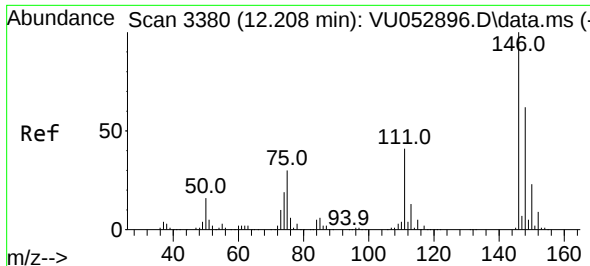
Tgt Ion:146 Resp: 4123
 Ion Ratio Lower Upper
 146 100
 111 35.0 27.8 51.6
 148 73.1 45.5 84.5



#65
 1,4-Dichlorobenzene
 Concen: 9.058 ug/L
 RT: 11.832 min Scan# 3263
 Delta R.T. 0.000 min
 Lab File: VU052903.D
 Acq: 01 Feb 2023 14:21

Tgt Ion:146 Resp: 34394
 Ion Ratio Lower Upper
 146 100
 111 37.8 26.7 49.7
 148 63.4 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 57.852 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU052903.D

Acq: 01 Feb 2023 14:21

Instrument :

MSVOA_U

ClientSampleId :

A44M9DL

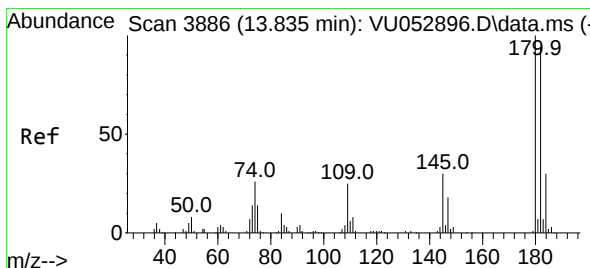
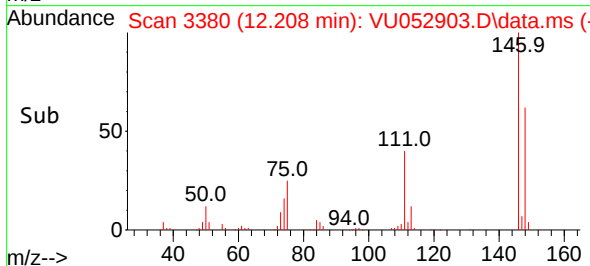
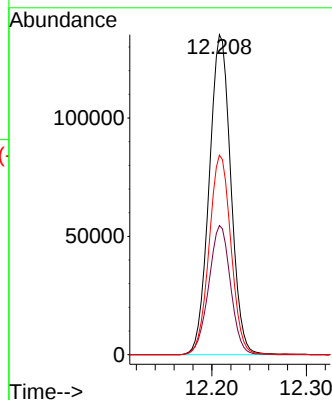
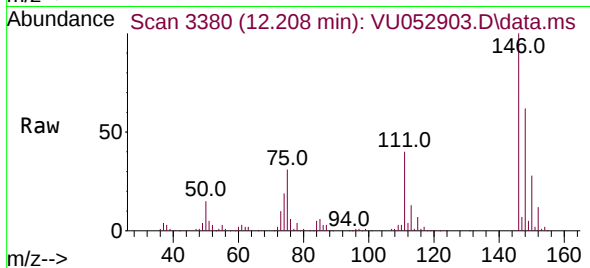
Tgt Ion:146 Resp: 214632

Ion Ratio Lower Upper

146 100

111 40.4 33.2 49.8

148 62.3 50.2 75.4



#70

1,2,4-trichlorobenzene

Concen: 9.493 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052903.D

Acq: 01 Feb 2023 14:21

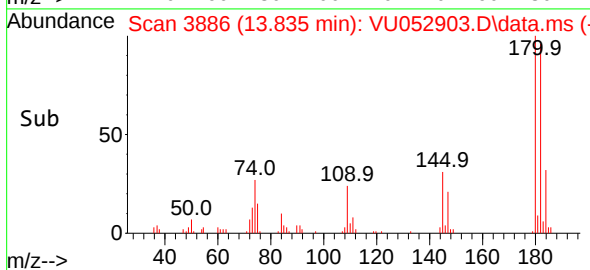
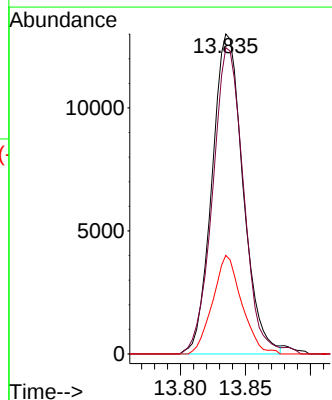
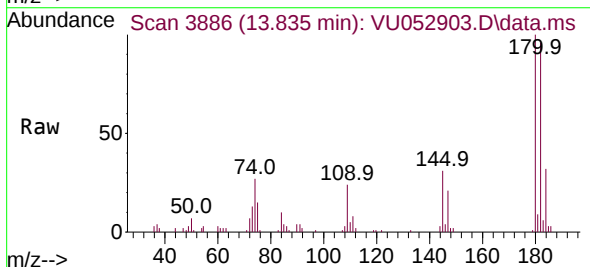
Tgt Ion:180 Resp: 21612

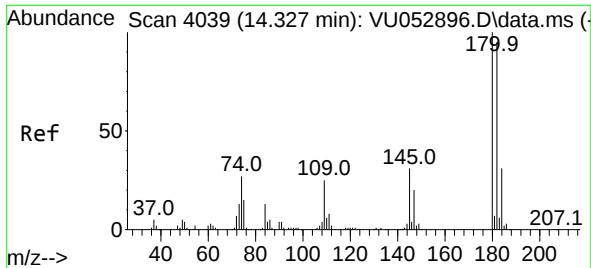
Ion Ratio Lower Upper

180 100

182 94.7 78.2 117.2

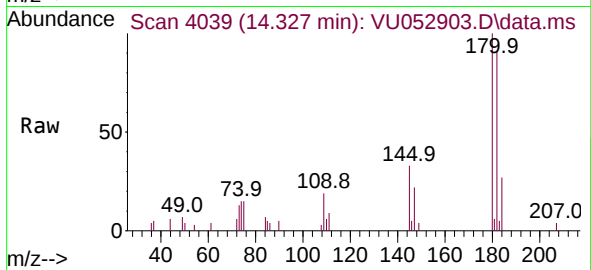
145 28.5 23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 2.360 ug/L
 RT: 14.327 min Scan# 4039
 Delta R.T. 0.000 min
 Lab File: VU052903.D
 Acq: 01 Feb 2023 14:21

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M9DL



Tgt Ion:	180	Resp:	5679
Ion	Ratio	Lower	Upper
180	100		
182	89.7	77.5	116.3
145	31.2	24.2	36.4

