

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
 Data File : VU055893.D
 Acq On : 26 Oct 2023 09:53
 Operator : MD/SY
 Sample : VU1026WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 27 02:49:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 27 02:48:43 2023
 Response via : Initial Calibration

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

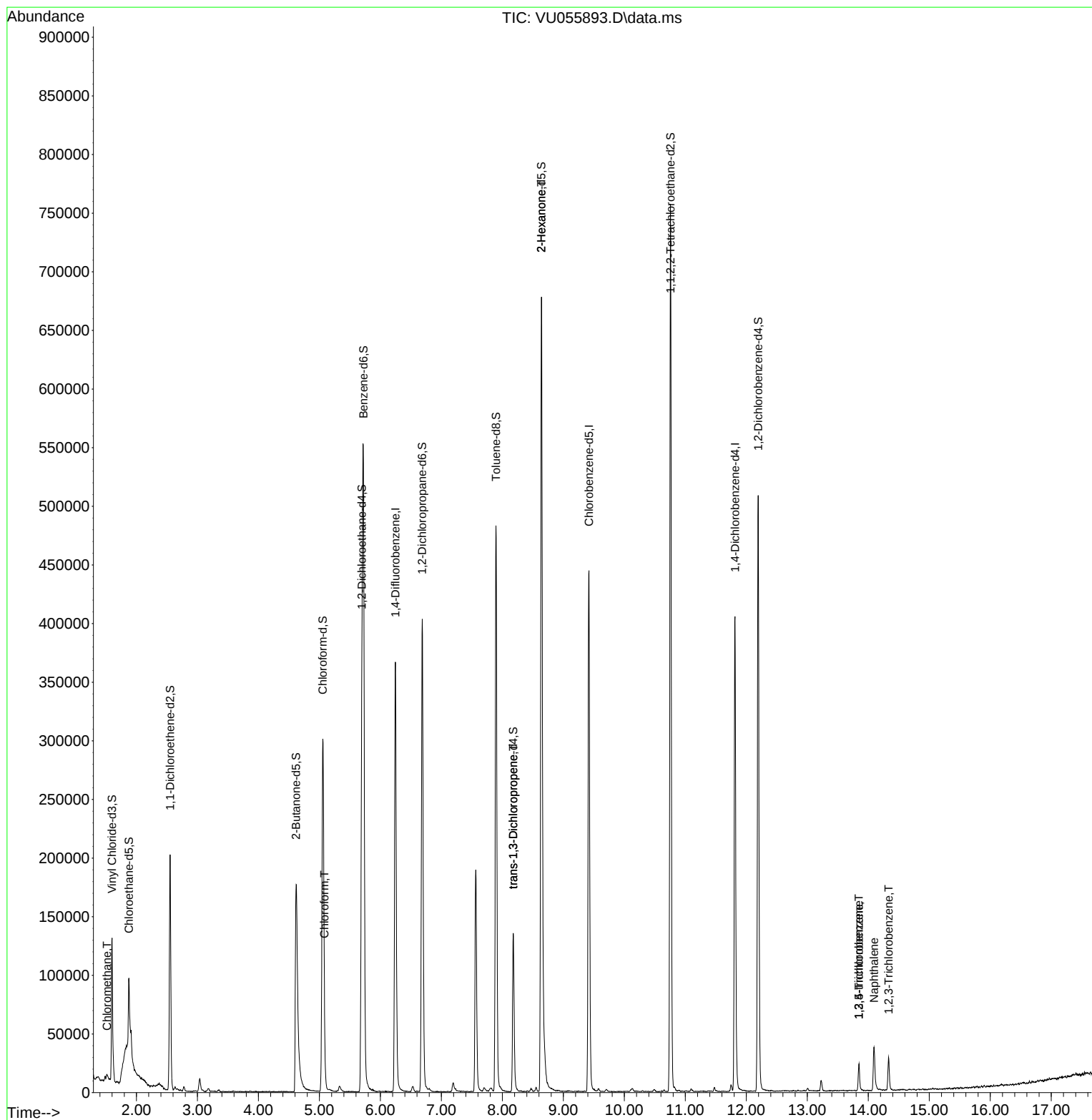
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	306586	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	268615	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	110560	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	105534	38.376	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	76.760%	
7) Chloroethane-d5	1.875	69	45019	20.027	ug/L	-0.03
Spiked Amount	50.000	Range 70 - 130	Recovery	=	40.060%#	
11) 1,1-Dichloroethene-d2	2.551	63	120540	24.583	ug/L	-0.02
Spiked Amount	50.000	Range 60 - 125	Recovery	=	49.160%#	
21) 2-Butanone-d5	4.618	46	301282	147.856	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	147.860%#	
24) Chloroform-d	5.055	84	289591	54.931	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	109.860%	
26) 1,2-Dichloroethane-d4	5.695	65	222221	68.482	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	136.960%#	
32) Benzene-d6	5.721	84	503751	58.613	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	117.220%	
36) 1,2-Dichloropropane-d6	6.685	67	201543	74.074	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	148.140%#	
41) Toluene-d8	7.894	98	332051	42.787	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.580%	
43) trans-1,3-Dichloroprop...	8.177	79	83705	64.044	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	128.080%#	
47) 2-Hexanone-d5	8.640	63	270087	252.505	ug/L	0.01
Spiked Amount	100.000	Range 45 - 130	Recovery	=	252.510%#	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	386913	92.386	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	184.780%#	
66) 1,2-Dichlorobenzene-d4	12.193	152	138604	63.174	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	126.340%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	3397	1.406	ug/L	87
25) Chloroform	5.081	83	9664	2.030	ug/L	94
44) trans-1,3-Dichloropropene	8.177	75	3987	1.171	ug/L	86
48) 2-Hexanone	8.640	43	30778	11.202	ug/L #	43
69) 1,3,5-Trichlorobenzene	13.846	180	7368	3.242	ug/L	96
70) 1,2,4-trichlorobenzene	13.846	180	7368	3.892	ug/L	95
71) Naphthalene	14.093	128	38165	6.787	ug/L	98
72) 1,2,3-Trichlorobenzene	14.335	180	9745	5.221	ug/L	95

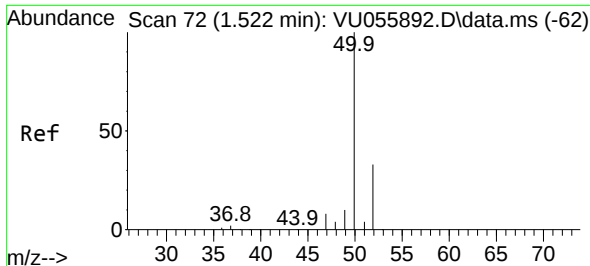
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
Data File : VU055893.D
Acq On : 26 Oct 2023 09:53
Operator : MD/SY
Sample : VU1026WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 27 02:49:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 27 02:48:43 2023
Response via : Initial Calibration

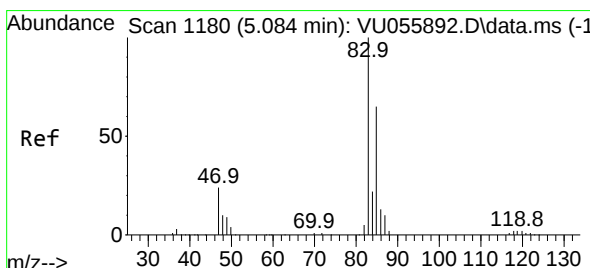
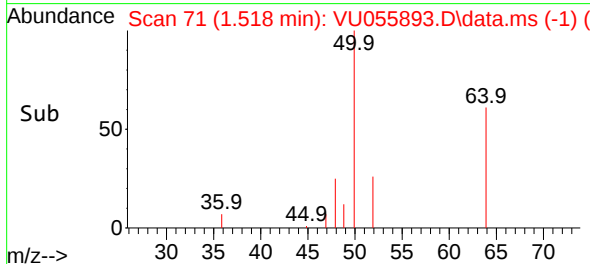
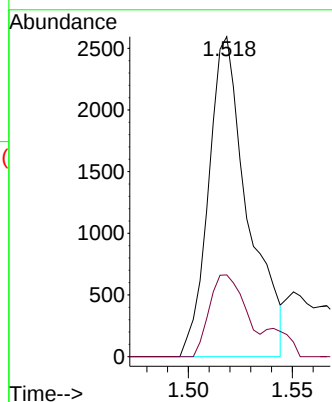
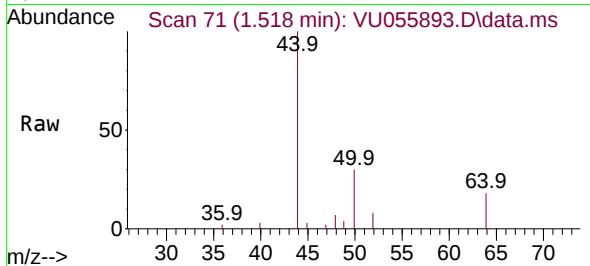




#3
Chloromethane
Concen: 1.406 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU055893.D
Acq: 26 Oct 2023 09:53

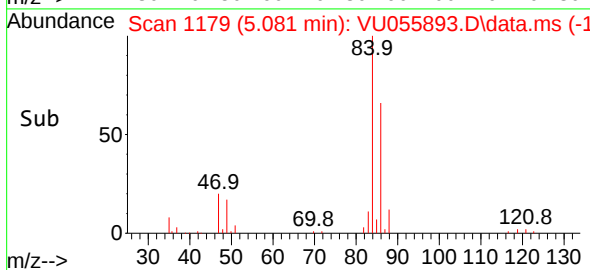
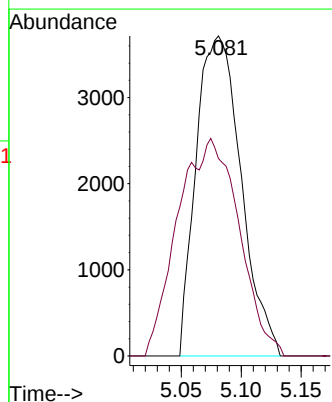
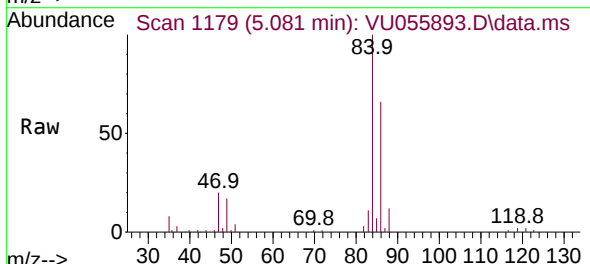
Instrument :
MSVOA_U
ClientSampleId :

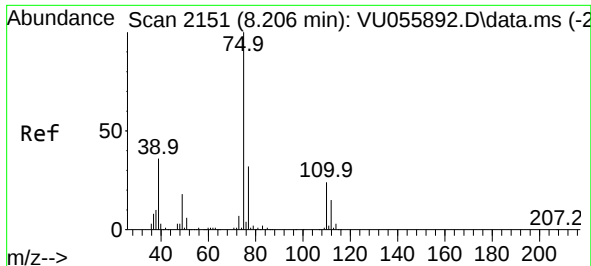
Tgt Ion: 50 Resp: 3397
Ion Ratio Lower Upper
50 100
52 25.6 22.8 42.4



#25
Chloroform
Concen: 2.030 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU055893.D
Acq: 26 Oct 2023 09:53

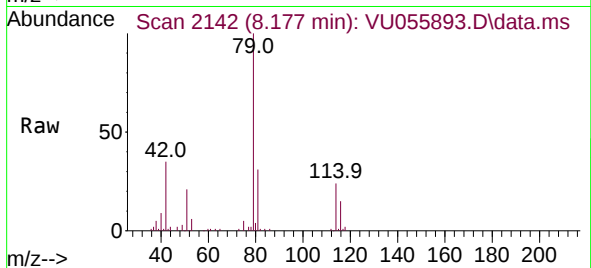
Tgt Ion: 83 Resp: 9664
Ion Ratio Lower Upper
83 100
85 61.7 46.3 86.1



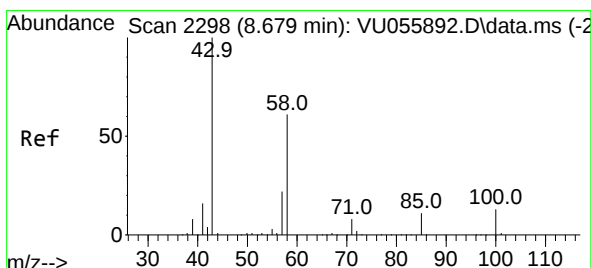
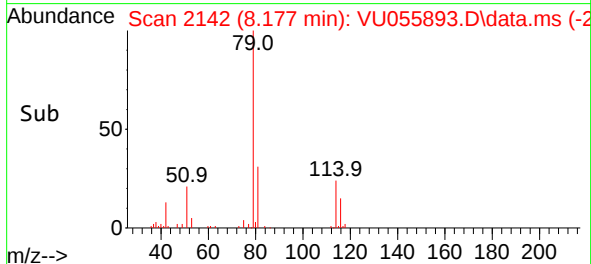
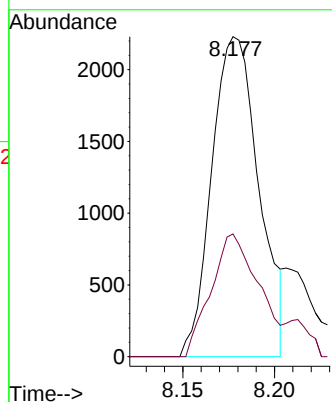


#44
trans-1,3-Dichloropropene
Concen: 1.171 ug/L
RT: 8.177 min Scan# 2151
Delta R.T. -0.029 min
Lab File: VU055893.D
Acq: 26 Oct 2023 09:53

Instrument :
MSVOA_U
ClientSampleId :

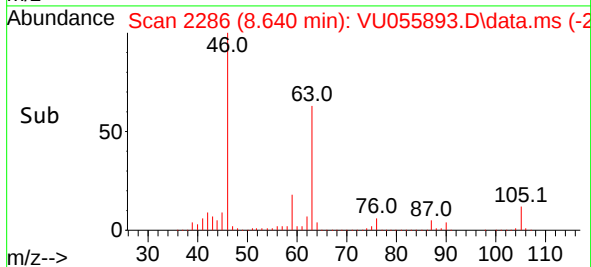
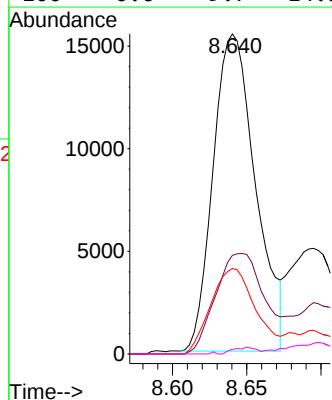
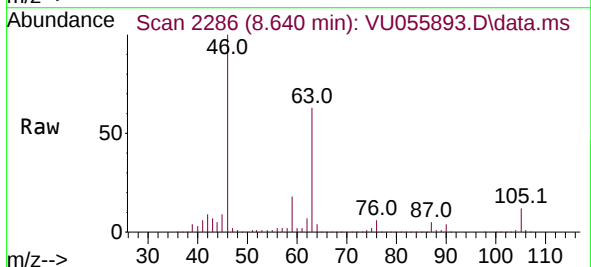


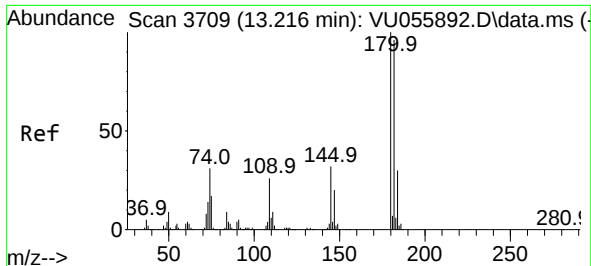
Tgt Ion: 75 Resp: 3987
Ion Ratio Lower Upper
75 100
77 38.3 21.6 40.2



#48
2-Hexanone
Concen: 11.202 ug/L
RT: 8.640 min Scan# 2286
Delta R.T. -0.039 min
Lab File: VU055893.D
Acq: 26 Oct 2023 09:53

Tgt Ion: 43 Resp: 30778
Ion Ratio Lower Upper
43 100
58 0.0 45.2 67.8#
57 28.4 16.1 24.1#
100 0.6 9.7 14.5#





#69

1,3,5-Trichlorobenzene

Concen: 3.242 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.630 min

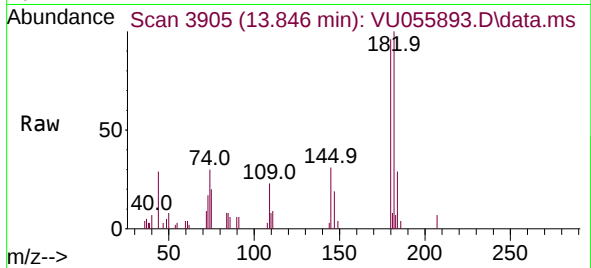
Lab File: VU055893.D

Acq: 26 Oct 2023 09:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 7368

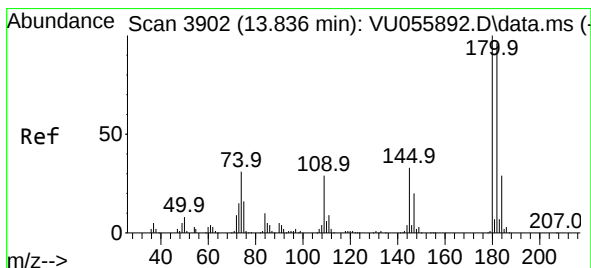
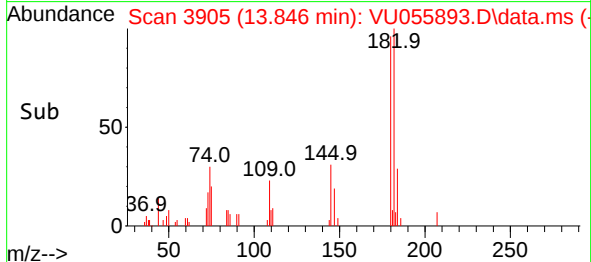
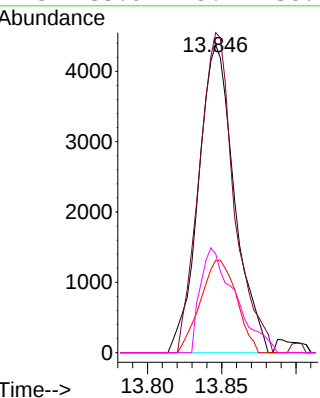
Ion Ratio Lower Upper

180 100

182 100.9 76.2 114.2

184 30.1 23.9 35.9

145 33.0 25.4 38.2



#70

1,2,4-trichlorobenzene

Concen: 3.892 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.010 min

Lab File: VU055893.D

Acq: 26 Oct 2023 09:53

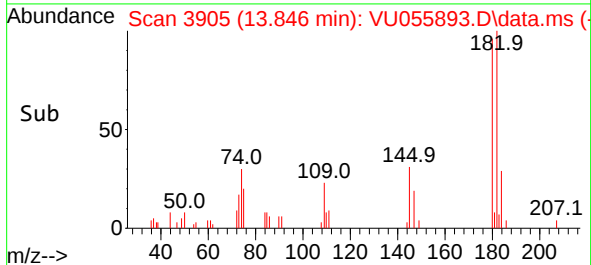
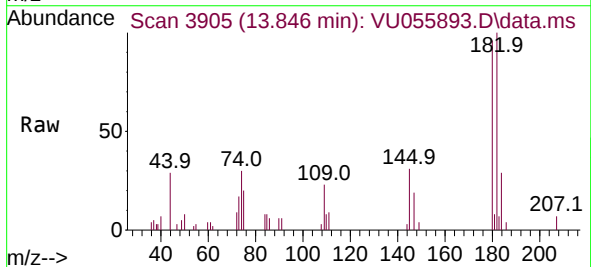
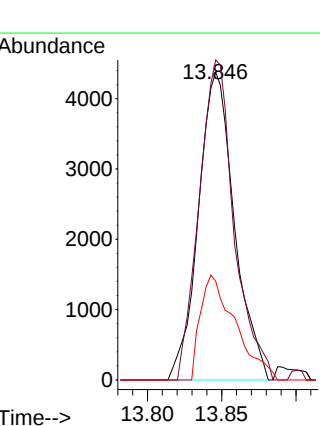
Tgt Ion:180 Resp: 7368

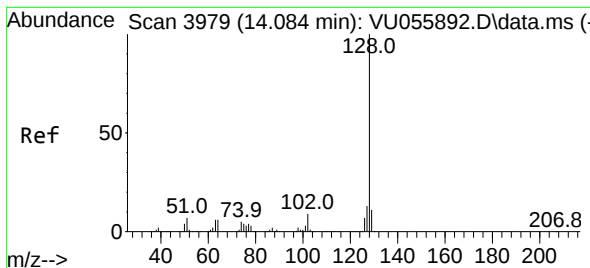
Ion Ratio Lower Upper

180 100

182 100.9 75.4 113.2

145 33.0 26.1 39.1





#71

Naphthalene

Concen: 6.787 ug/L

RT: 14.093 min Scan# 3979

Delta R.T. 0.010 min

Lab File: VU055893.D

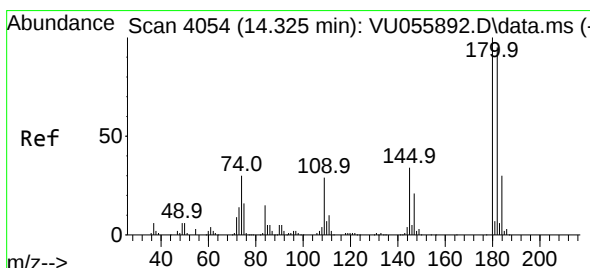
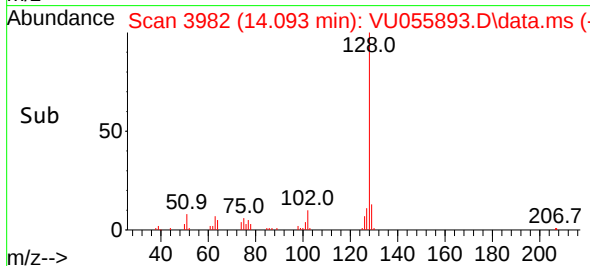
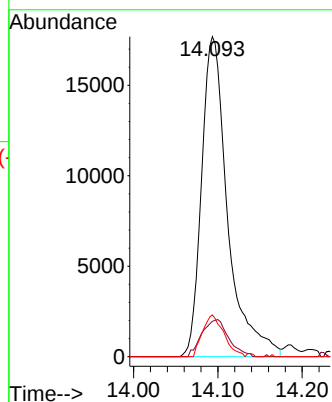
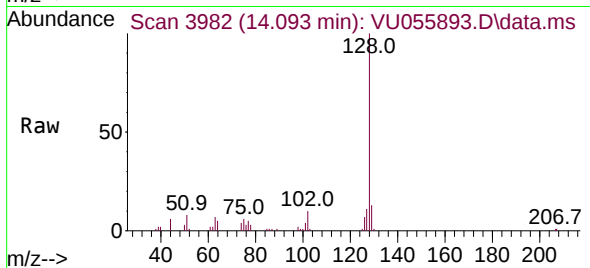
Acq: 26 Oct 2023 09:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	38165
Ion Ratio	Lower	Upper
128	100	
127	11.9	10.6 16.0
129	10.6	8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 5.221 ug/L

RT: 14.335 min Scan# 4057

Delta R.T. 0.010 min

Lab File: VU055893.D

Acq: 26 Oct 2023 09:53

Tgt Ion:180	Resp:	9745
Ion Ratio	Lower	Upper
180	100	
182	92.1	78.1 117.1
145	31.6	27.4 41.0

