

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054734.D
 Acq On : 30 Jun 2023 19:59
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK170

Quant Time: Jul 03 06:48:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

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

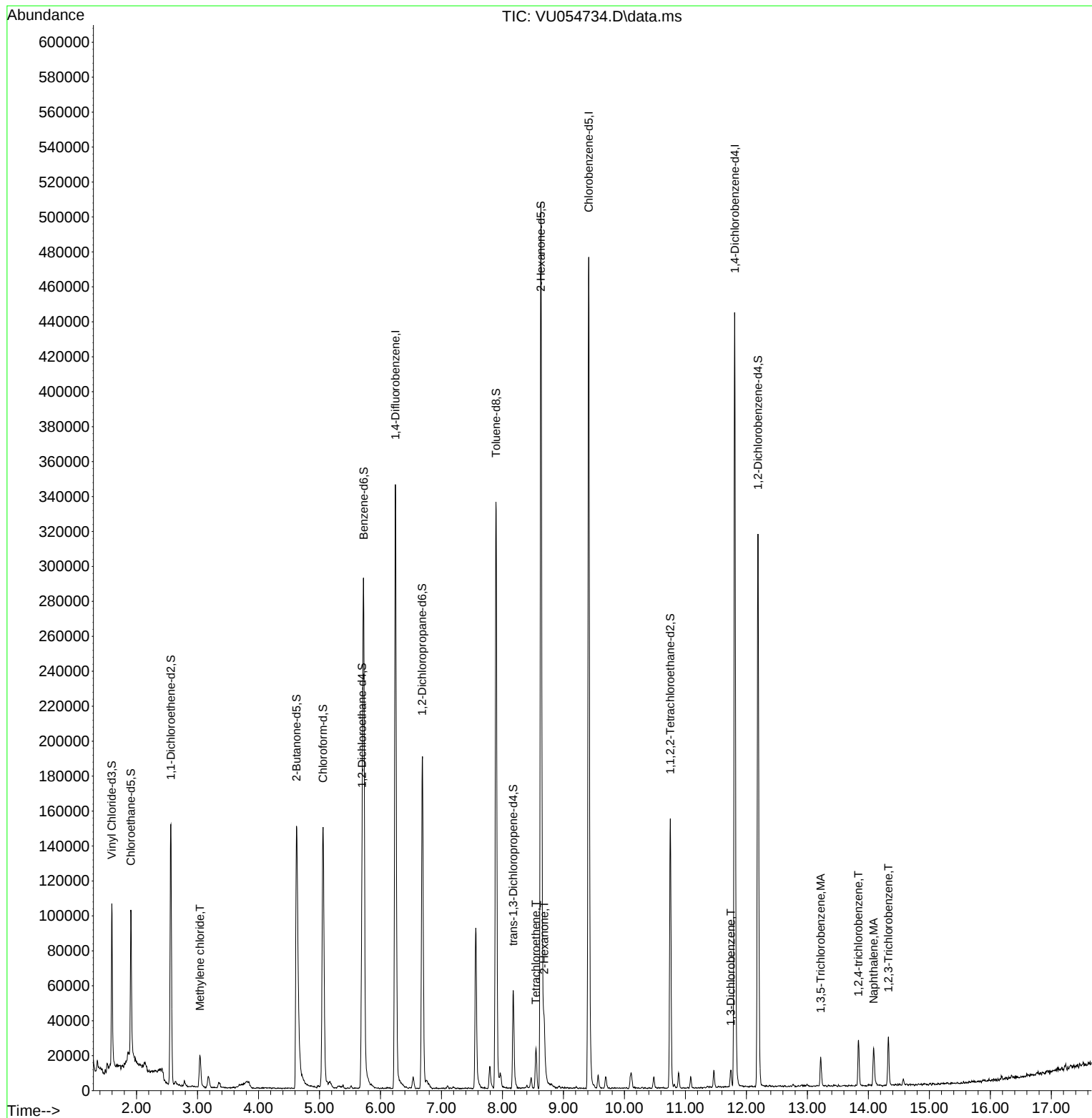
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	270835	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	261252	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	117706	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	71783	4.165	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.907	69	64567	4.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.563	65	28525	3.705	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.624	46	247099	50.989	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.980%
24) Chloroform-d	5.058	84	141989	3.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	5.698	65	75293	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.724	84	272646	3.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
36) 1,2-Dichloropropane-d6	6.685	67	94883	3.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.200%
41) Toluene-d8	7.894	98	226317	3.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	8.177	79	31864	3.778	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.631	63	164430	46.471	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.940%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	78051	4.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	83307	4.196	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	8928	0.323	ug/L	90
47) Tetrachloroethene	8.550	164	5271	0.277	ug/L	96
48) 2-Hexanone	8.685	43	20339	2.015	ug/L #	94
64) 1,3-Dichlorobenzene	11.746	146	3981	0.099	ug/L	84
69) 1,3,5-Trichlorobenzene	13.219	180	5541	0.182	ug/L	95
70) 1,2,4-trichlorobenzene	13.836	180	8347	0.332	ug/L	97
71) Naphthalene	14.087	128	19734	0.483	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	8728	0.405	ug/L	100

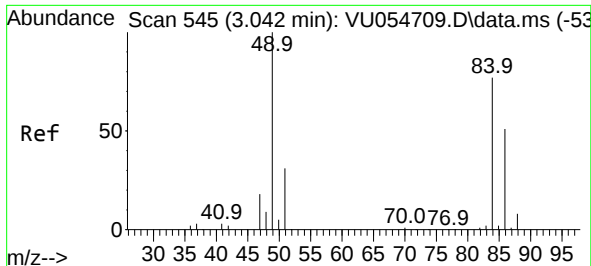
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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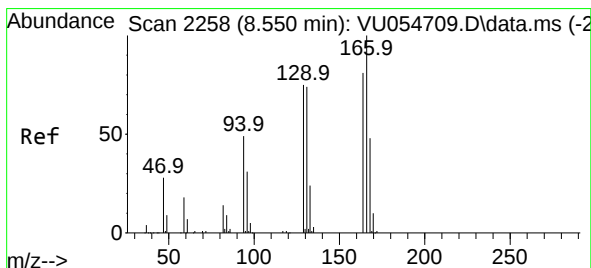
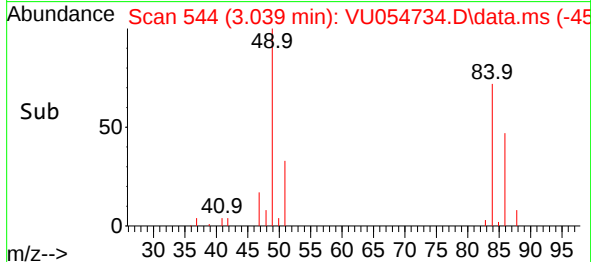
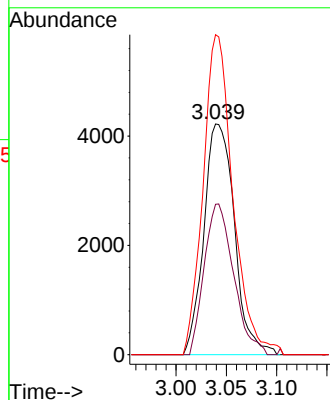
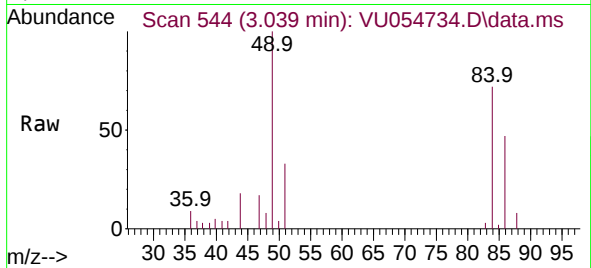


#16
Methylene chloride
Concen: 0.323 ug/L
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU054734.D
Acq: 30 Jun 2023 19:59

Instrument :
MSVOA_U
ClientSampleId :
VIBLK170

Tgt Ion: 84 Resp: 8928

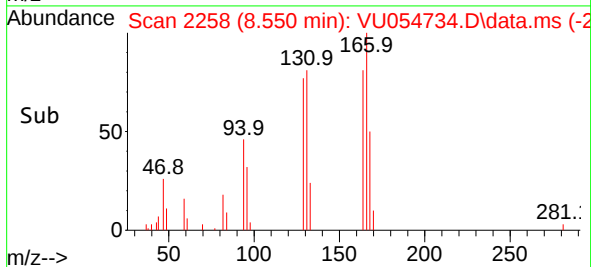
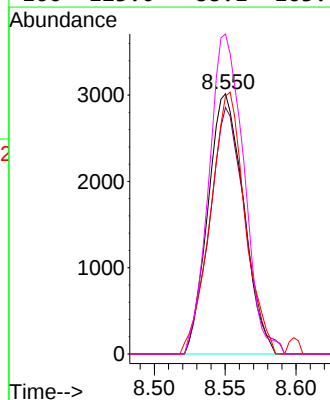
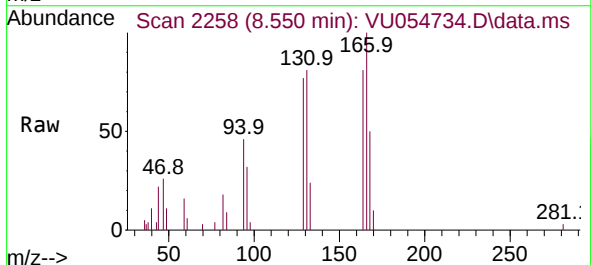
Ion	Ratio	Lower	Upper
84	100		
86	65.2	43.9	81.5
49	138.7	86.1	159.9

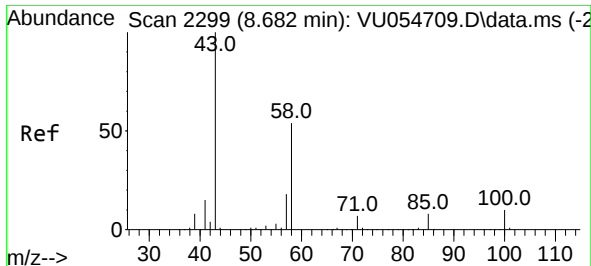


#47
Tetrachloroethene
Concen: 0.277 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054734.D
Acq: 30 Jun 2023 19:59

Tgt Ion: 164 Resp: 5271

Ion	Ratio	Lower	Upper
164	100		
129	94.7	67.7	125.7
131	99.1	64.6	120.0
166	123.0	88.1	163.7

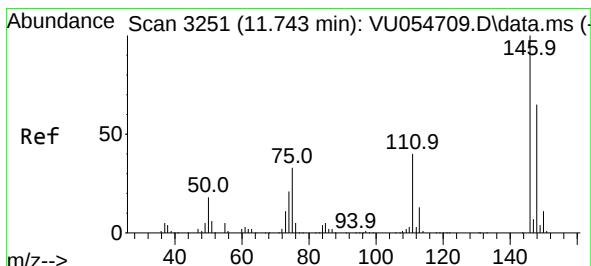
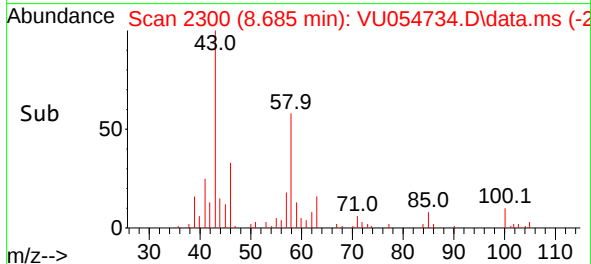
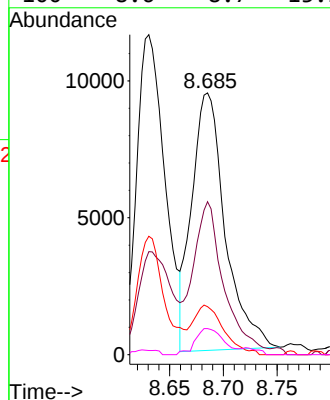
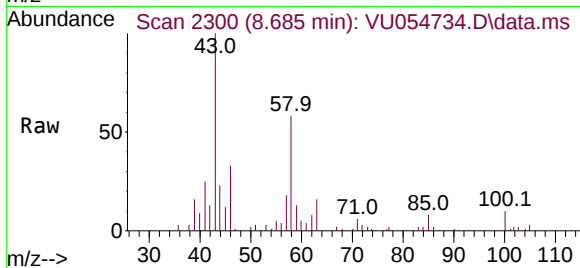




#48
2-Hexanone
Concen: 2.015 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054734.D
Acq: 30 Jun 2023 19:59

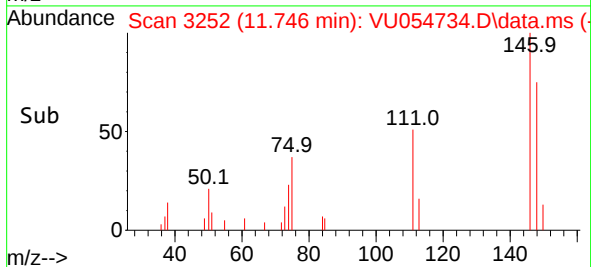
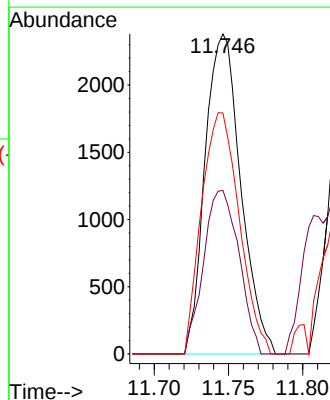
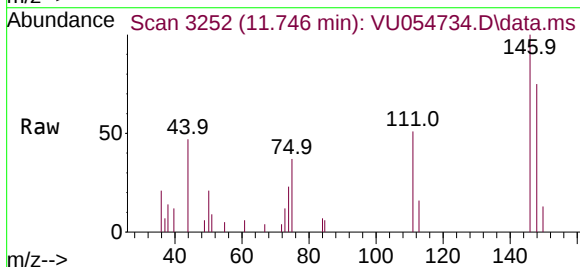
Instrument :
MSVOA_U
ClientSampleId :
VIBLK170

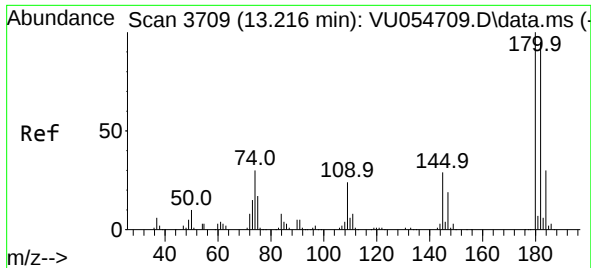
Tgt Ion: 43	Resp: 20339
Ion Ratio	Lower Upper
43 100	
58 51.7	45.2 67.8
57 17.3	15.8 23.6
100 8.6	8.7 13.1#



#64
1,3-Dichlorobenzene
Concen: 0.099 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VU054734.D
Acq: 30 Jun 2023 19:59

Tgt Ion:146	Resp:	3981	
Ion	Ratio	Lower	Upper
146	100		
111	51.1	28.9	53.7
148	75.3	44.0	81.8

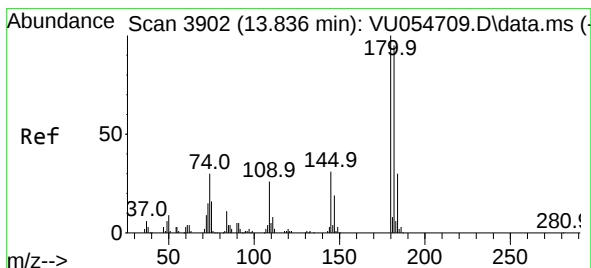
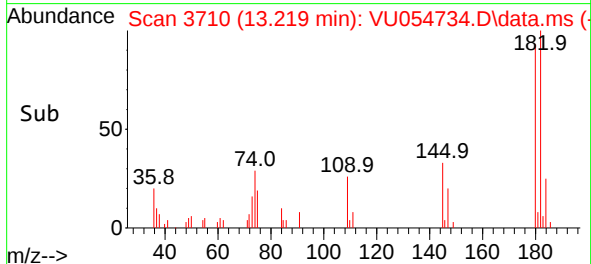
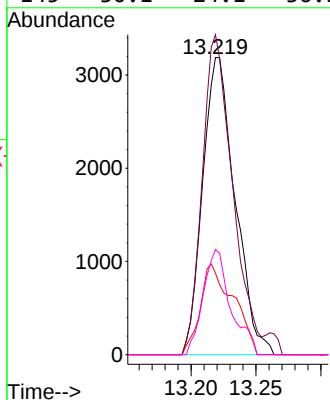
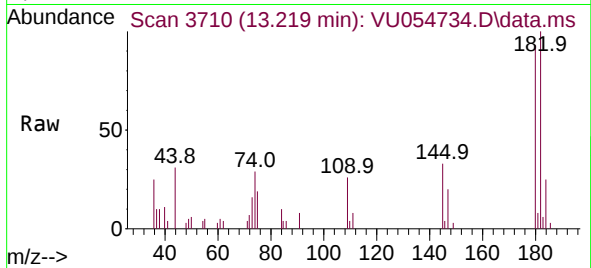




#69
 1,3,5-Trichlorobenzene
 Concen: 0.182 ug/L
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.003 min
 Lab File: VU054734.D
 Acq: 30 Jun 2023 19:59

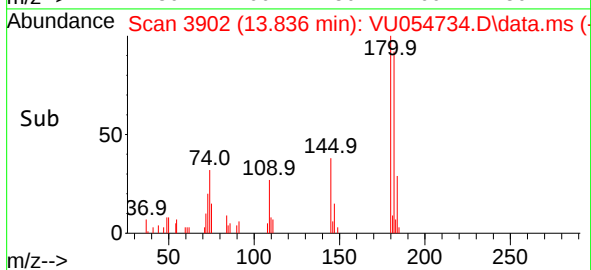
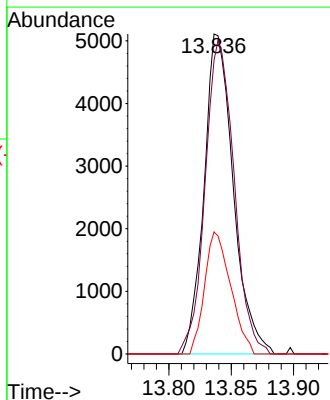
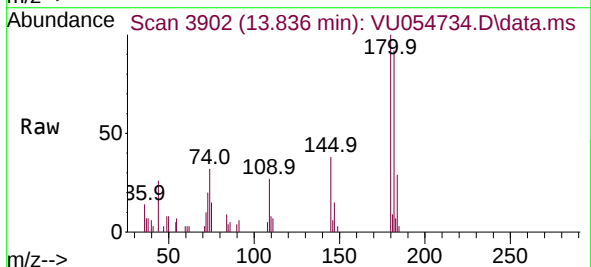
Instrument :
 MSVOA_U
 ClientSampleId :
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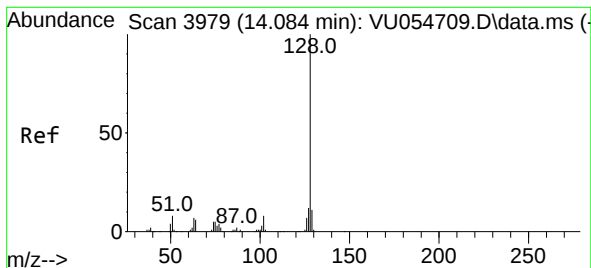
Tgt Ion:180	Resp:	5541
Ion	Ratio	Lower Upper
180	100	
182	100.3	75.0 112.6
184	31.1	24.1 36.1
145	30.1	24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 0.332 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU054734.D
 Acq: 30 Jun 2023 19:59

Tgt Ion:180	Resp:	8347
Ion	Ratio	Lower Upper
180	100	
182	97.2	76.6 114.8
145	34.0	24.0 36.0





#71

Naphthalene

Concen: 0.483 ug/L

RT: 14.087 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU054734.D

Acq: 30 Jun 2023 19:59

Instrument :

MSVOA_U

ClientSampleId :

VIBLK170

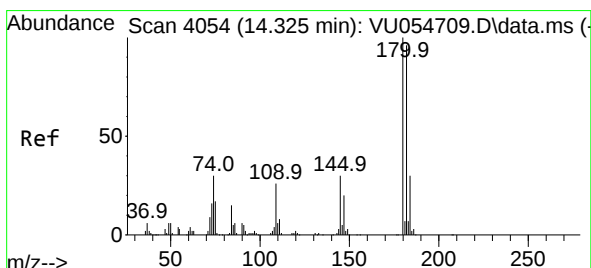
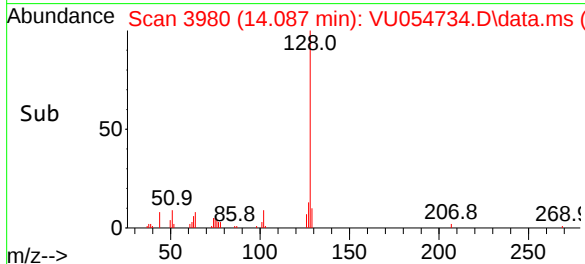
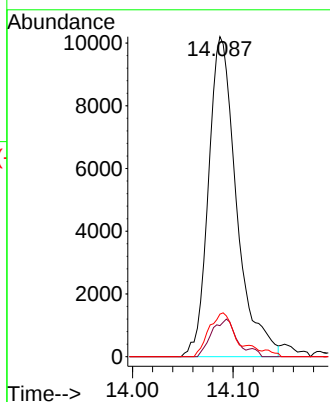
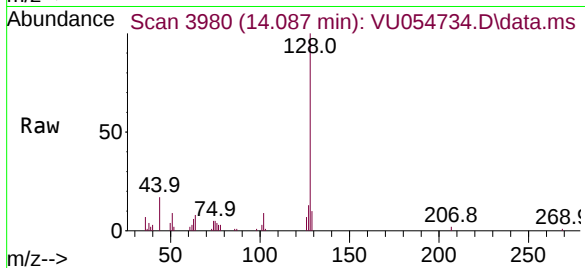
Tgt Ion:128 Resp: 19734

Ion Ratio Lower Upper

128 100

129 10.0 8.6 12.8

127 11.9 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 0.405 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU054734.D

Acq: 30 Jun 2023 19:59

Tgt Ion:180 Resp: 8728

Ion Ratio Lower Upper

180 100

182 94.0 75.4 113.2

145 32.5 26.0 39.0

