

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010924\
 Data File : VU057459.D
 Acq On : 09 Jan 2024 23:03
 Operator : MD/SY
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 10 00:42:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 10 00:35:16 2024
 Response via : Initial Calibration

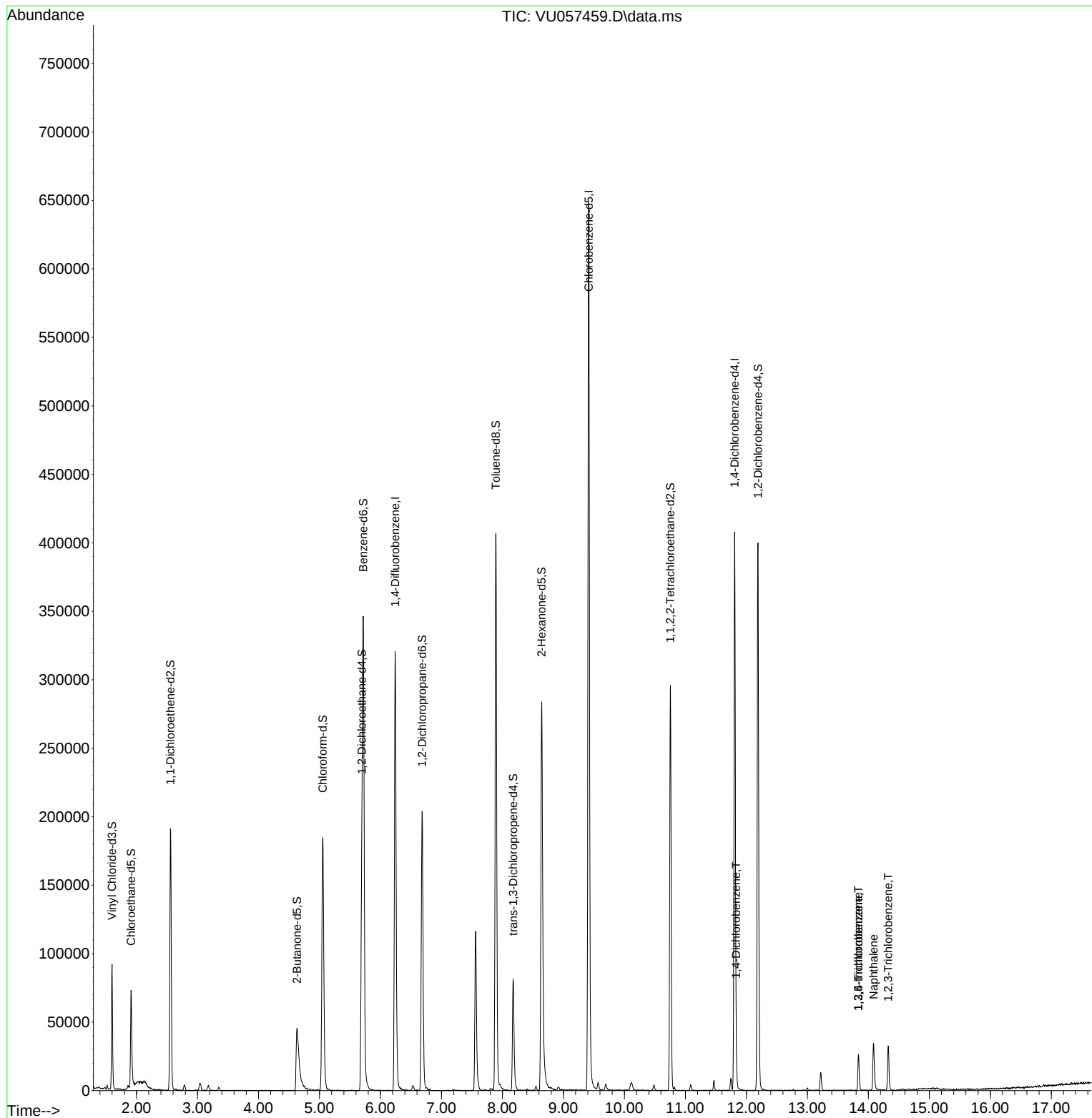
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	258844	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	378142	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106878	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	66102	37.104	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.200%
7) Chloroethane-d5	1.911	69	55340	40.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.280%
11) 1,1-Dichloroethene-d2	2.557	63	116324	30.805	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.620%
21) 2-Butanone-d5	4.631	46	91206	105.653	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.650%
24) Chloroform-d	5.055	84	177951	42.240	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.480%
26) 1,2-Dichloroethane-d4	5.695	65	126824	45.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.140%
32) Benzene-d6	5.718	84	315624	31.094	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.180%#
36) 1,2-Dichloropropane-d6	6.682	67	88806	30.998	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	62.000%#
41) Toluene-d8	7.891	98	275694	28.983	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	57.960%#
43) trans-1,3-Dichloroprop...	8.177	79	52743	30.844	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.680%
47) 2-Hexanone-d5	8.643	63	104611	111.697	ug/L	-0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.700%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	132127	30.861	ug/L	-0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	61.720%#
66) 1,2-Dichlorobenzene-d4	12.190	152	102090	48.838	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.680%
Target Compounds						
					Qvalue	
65) 1,4-Dichlorobenzene	11.833	146	5353	1.581	ug/L	95
69) 1,3,5-Trichlorobenzene	13.836	180	7913	3.351	ug/L	92
70) 1,2,4-trichlorobenzene	13.836	180	7913	4.402	ug/L	91
71) Naphthalene	14.087	128	32828	7.815	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	10370	6.100	ug/L	97

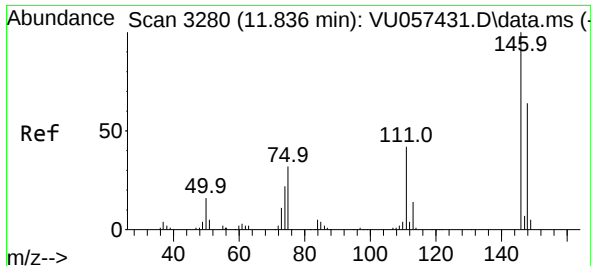
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#65

1,4-Dichlorobenzene

Concen: 1.581 ug/L

RT: 11.833 min Scan# 31

Delta R.T. -0.003 min

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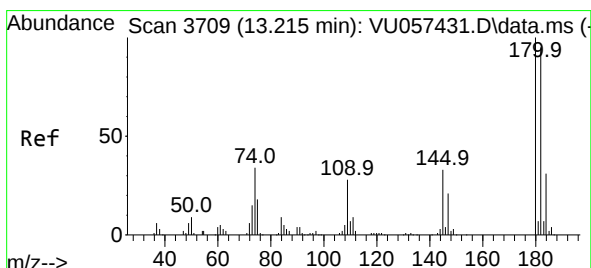
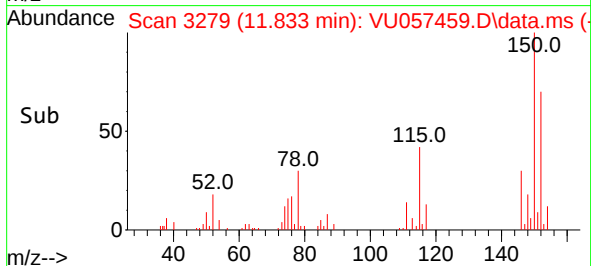
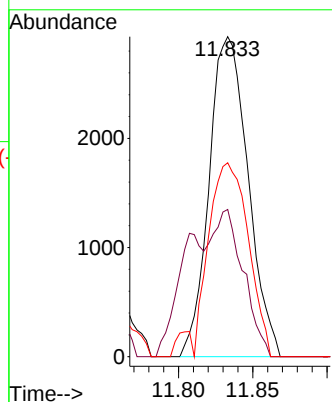
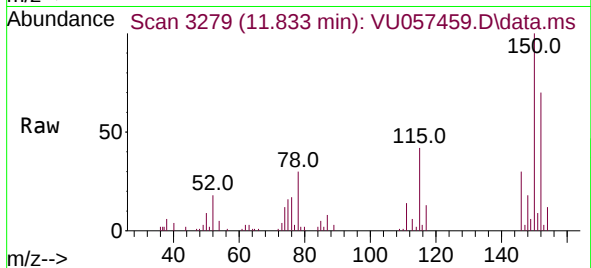
Tgt Ion:146 Resp: 5353

Ion Ratio Lower Upper

146 100

111 46.0 30.3 56.3

148 60.6 45.9 85.3



#69

1,3,5-Trichlorobenzene

Concen: 3.351 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.621 min

Lab File: VU057459.D

Acq: 09 Jan 2024 23:03

Tgt Ion:180 Resp: 7913

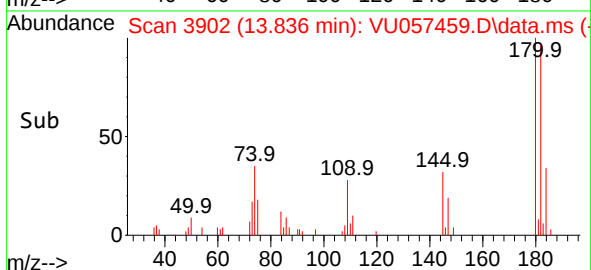
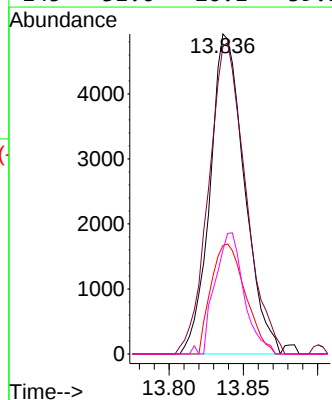
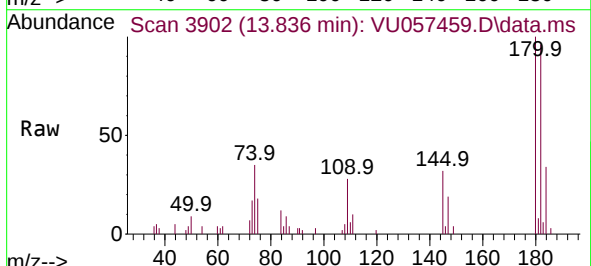
Ion Ratio Lower Upper

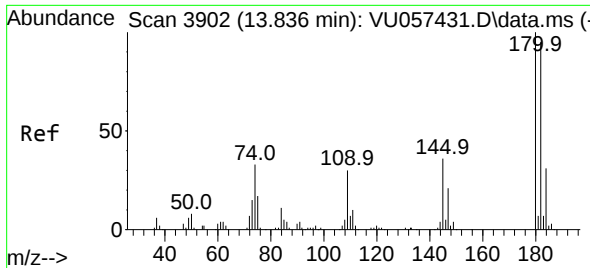
180 100

182 104.6 75.6 113.4

184 34.2 23.9 35.9

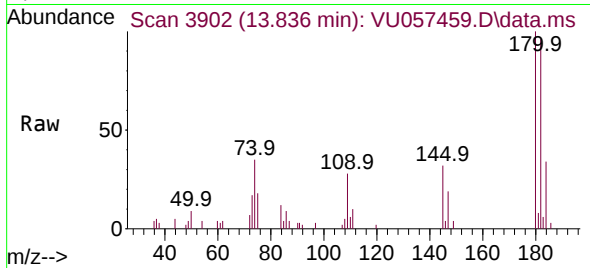
145 31.6 26.1 39.1



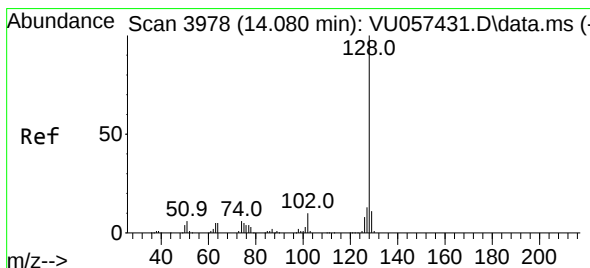
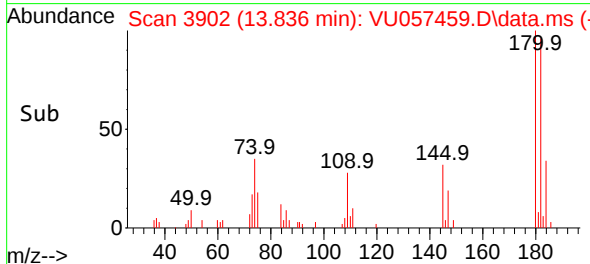
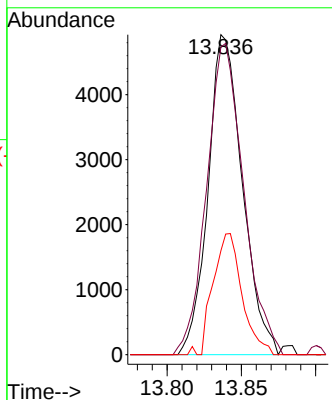


#70
1,2,4-trichlorobenzene
Concen: 4.402 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU057459.D
Acq: 09 Jan 2024 23:03

Instrument :
MSVOA_U
ClientSampleId :

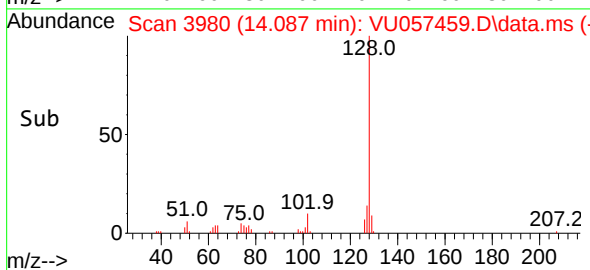
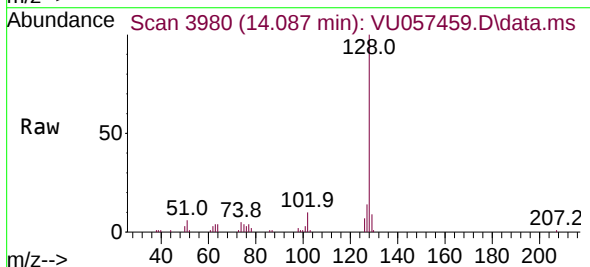
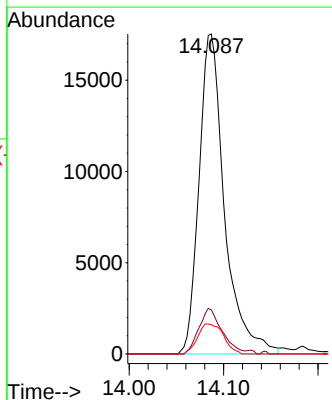


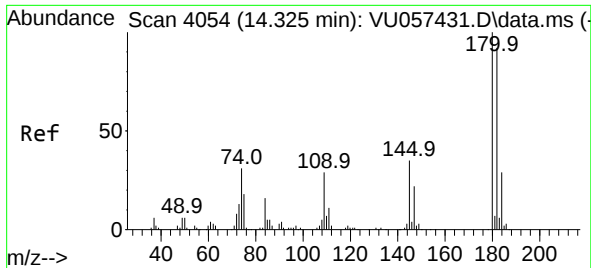
Tgt Ion:180 Resp: 7913
Ion Ratio Lower Upper
180 100
182 104.6 75.8 113.8
145 31.6 27.4 41.0



#71
Naphthalene
Concen: 7.815 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. 0.007 min
Lab File: VU057459.D
Acq: 09 Jan 2024 23:03

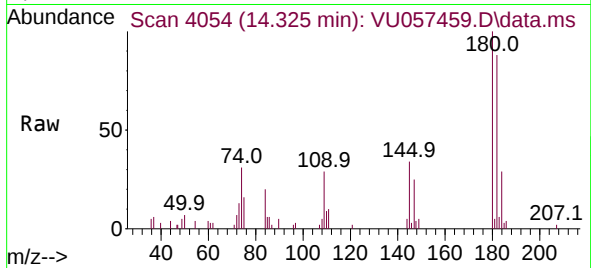
Tgt Ion:128 Resp: 32828
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 9.5 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 6.100 ug/L
 RT: 14.325 min Scan# 4054
 Delta R.T. 0.000 min
 Lab File: VU057459.D
 Acq: 09 Jan 2024 23:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	10370
Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.5	116.3
145	33.5	28.2	42.4

