

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058027.D
 Acq On : 08 Mar 2024 19:06
 Operator : MD/SY
 Sample : VIBLK180
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK180

Quant Time: Mar 09 00:16:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

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

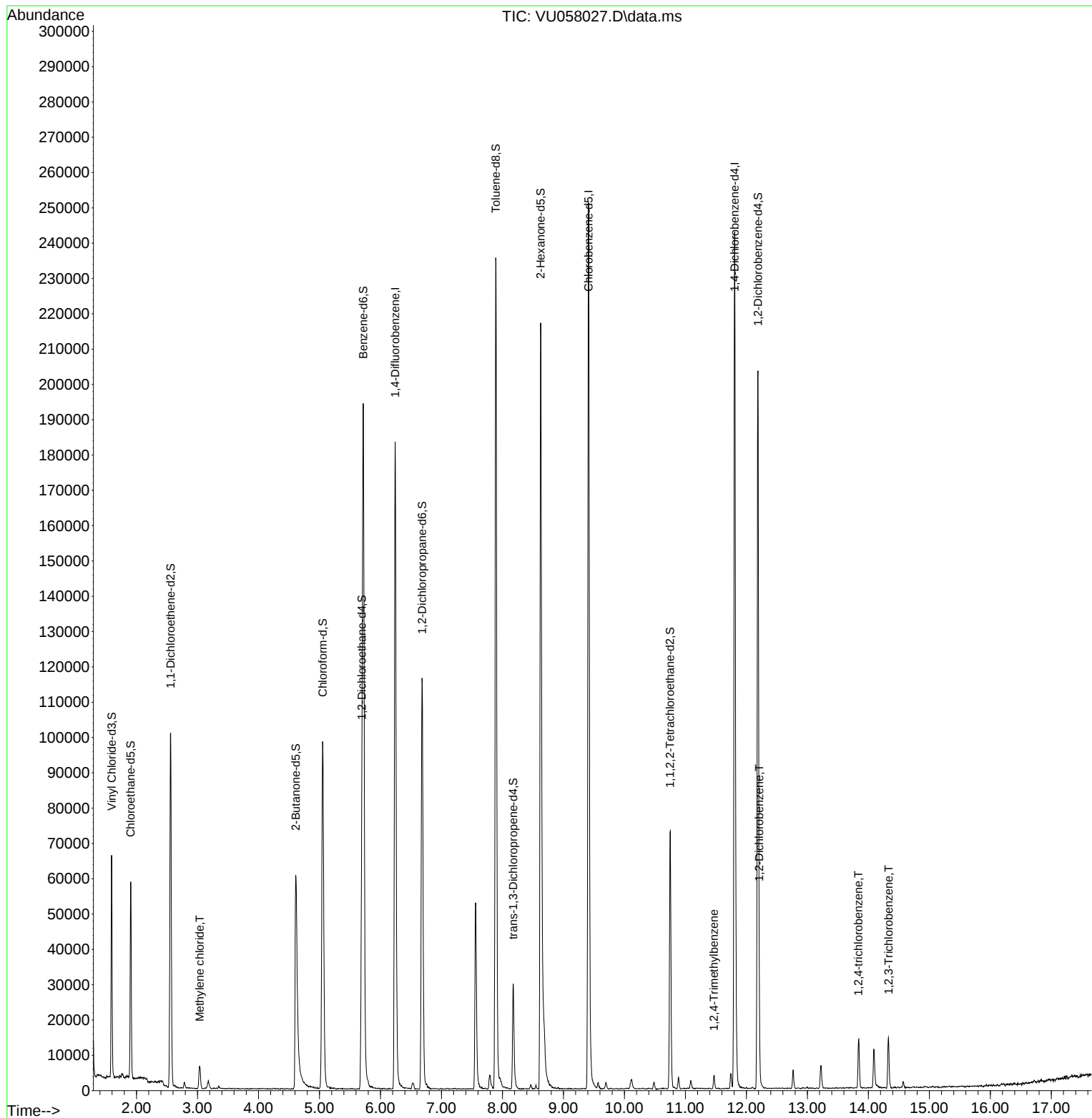
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	146309	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	140338	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42952	4.080	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.904	69	38595	4.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.560	65	19748	4.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.611	46	94173	54.296	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.600%
24) Chloroform-d	5.052	84	93121	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	44893	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.717	84	183927	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.682	67	58493	4.705	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.891	98	159739	4.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.177	79	17985	4.207	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.627	63	79588	55.445	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.880%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	37510	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	51706	4.934	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	3012	0.281	ug/L	99
63) 1,2,4-Trimethylbenzene	11.470	105	2624	0.074	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	2530	0.150	ug/L #	82
70) 1,2,4-trichlorobenzene	13.839	180	4737	0.455	ug/L	94
72) 1,2,3-Trichlorobenzene	14.331	180	4663	0.567	ug/L	98

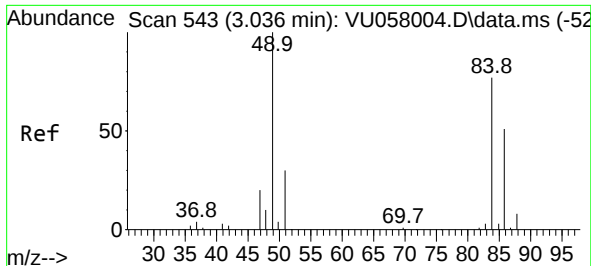
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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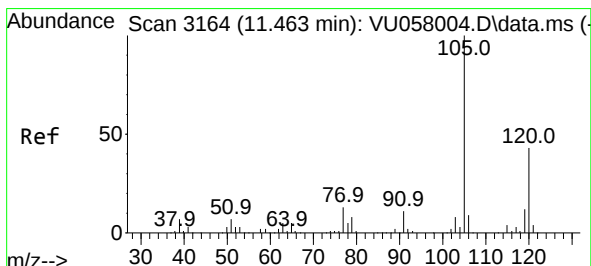
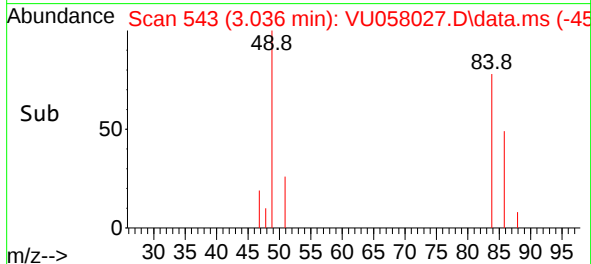
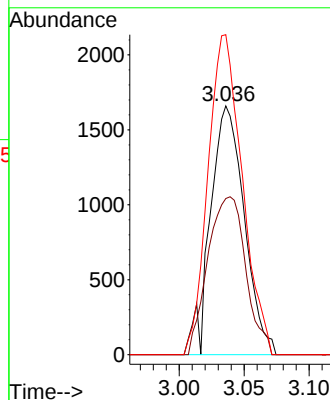
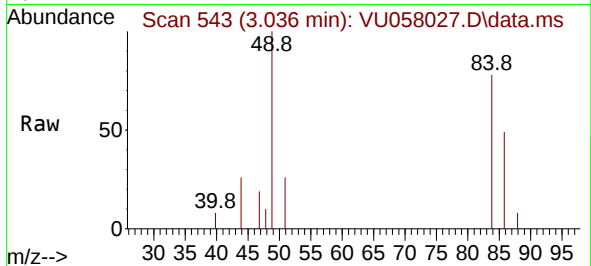




#16
Methylene chloride
Concen: 0.281 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU058027.D
Acq: 08 Mar 2024 19:06

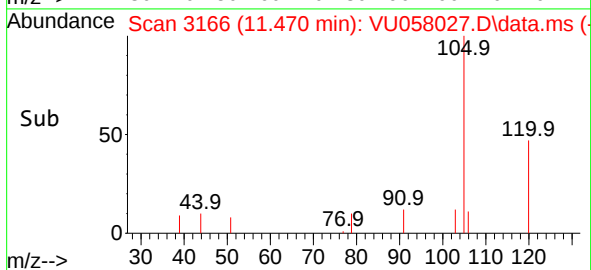
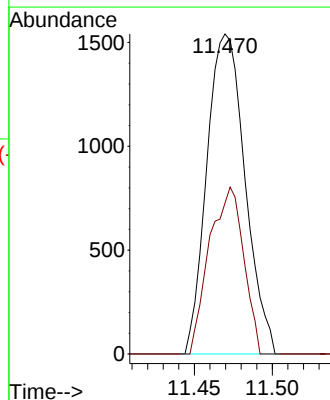
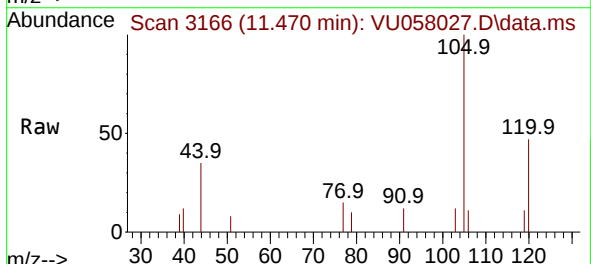
Instrument :
MSVOA_U
ClientSampleId :
VIBLK180

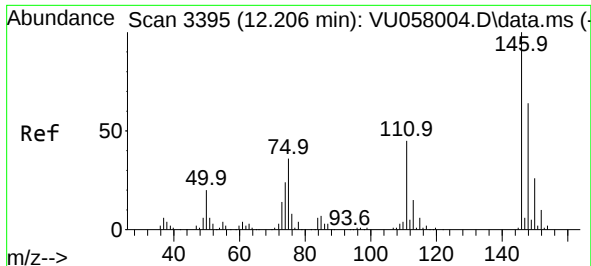
Tgt Ion: 84	Resp:	3012
Ion	Ratio	Lower Upper
84	100	
86	62.8	44.4 82.4
49	128.6	88.8 165.0



#63
1,2,4-Trimethylbenzene
Concen: 0.074 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.006 min
Lab File: VU058027.D
Acq: 08 Mar 2024 19:06

Tgt Ion: 105	Resp:	2624
Ion	Ratio	Lower Upper
105	100	
120	46.7	34.8 52.2





#67

1,2-Dichlorobenzene

Concen: 0.150 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU058027.D

Acq: 08 Mar 2024 19:06

Instrument :

MSVOA_U

ClientSampleId :

VIBLK180

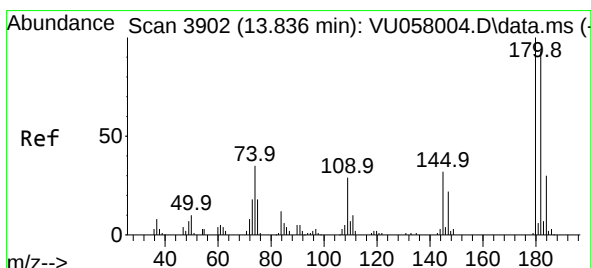
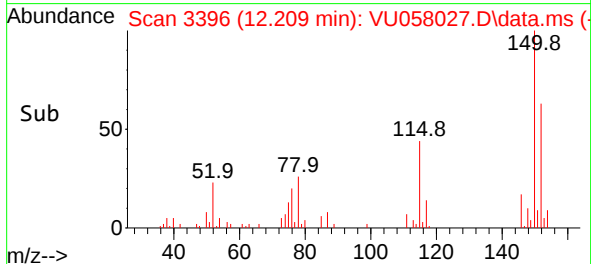
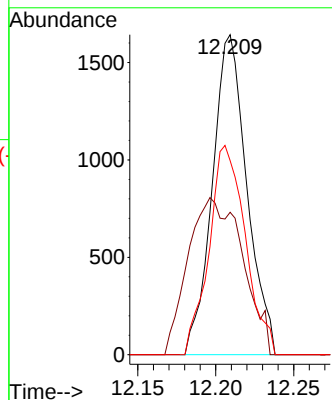
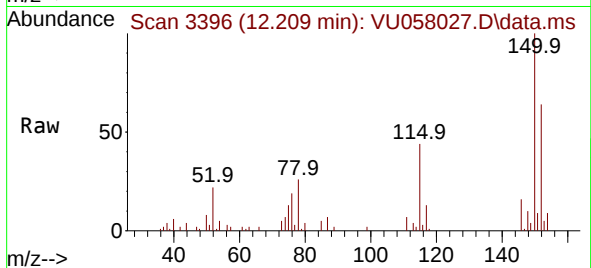
Tgt Ion:146 Resp: 2530

Ion Ratio Lower Upper

146 100

111 44.5 37.4 56.0

148 85.5 50.8 76.2#



#70

1,2,4-trichlorobenzene

Concen: 0.455 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU058027.D

Acq: 08 Mar 2024 19:06

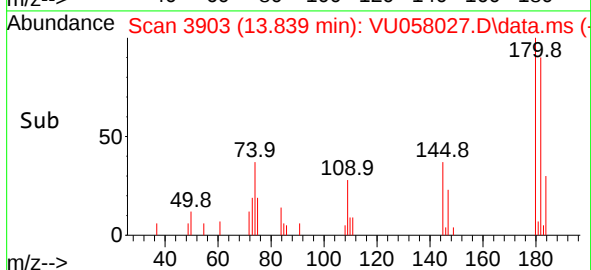
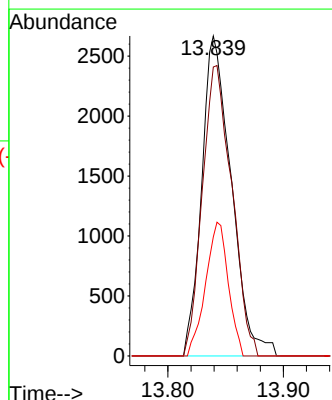
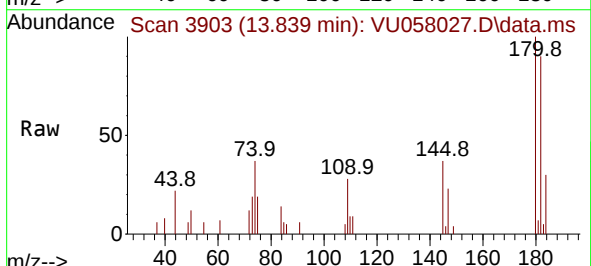
Tgt Ion:180 Resp: 4737

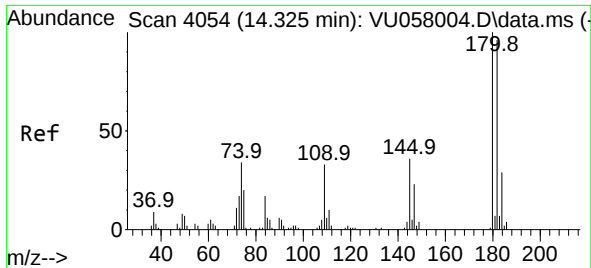
Ion Ratio Lower Upper

180 100

182 90.3 77.9 116.9

145 32.1 25.8 38.8





#72
 1,2,3-Trichlorobenzene
 Concen: 0.567 ug/L
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.006 min
 Lab File: VU058027.D
 Acq: 08 Mar 2024 19:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK180

Tgt Ion:	180	Resp:	4663
Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.6	116.4
145	37.0	28.7	43.1

