

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059507.D
 Acq On : 26 Jun 2024 06:07
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

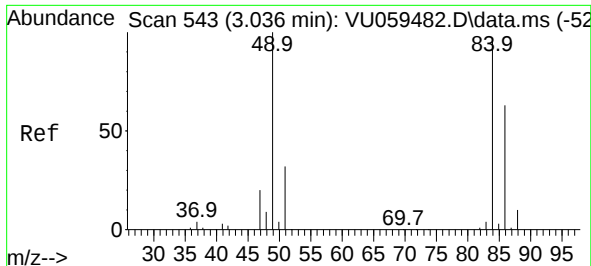
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 07:15:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 05:55:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	136948	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	139521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	61926	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30037	3.154	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.907	69	35459	3.870	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.560	65	11379	2.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.600%#
20) 2-Butanone-d5	4.624	46	94709	48.283	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.560%
24) Chloroform-d	5.055	84	84397	4.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.695	65	45456	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.721	84	145602	3.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	6.682	67	54230	4.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.894	98	108191	3.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.600%#
43) trans-1,3-Dichloroprop...	8.177	79	13402	3.637	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.800%
46) 2-Hexanone-d5	8.627	63	96314	62.914	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.820%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55879	5.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	53305	4.836	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	2202	0.191	ug/L	88
35) Methylcyclohexane	6.685	83	13208	0.809	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	5482	0.500	ug/L #	91
69) 1,3,5-Trichlorobenzene	13.843	180	3820	0.265	ug/L	98
70) 1,2,4-trichlorobenzene	13.843	180	3820	0.346	ug/L	97
71) Naphthalene	14.087	128	11563	0.731	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.325	180	4416	0.430	ug/L	94

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



#16

Methylene chloride

Concen: 0.191 ug/L

RT: 3.042 min Scan# 54

Delta R.T. 0.006 min

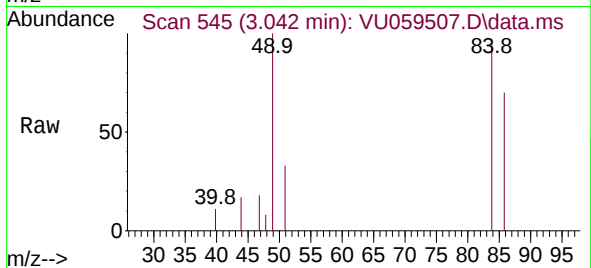
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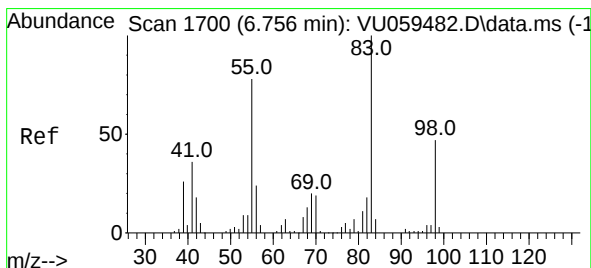
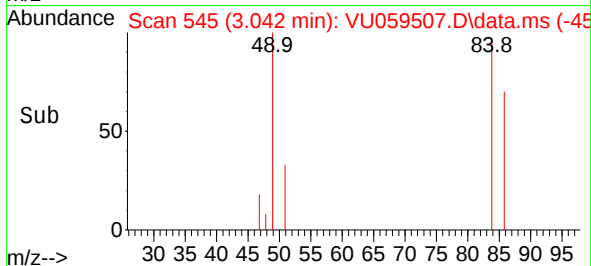
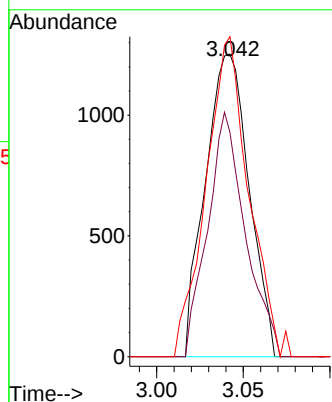
Tgt Ion: 84 Resp: 2202

Ion Ratio Lower Upper

84 100

86 74.1 42.1 78.1

49 105.7 80.6 149.8



#35

Methylcyclohexane

Concen: 0.809 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

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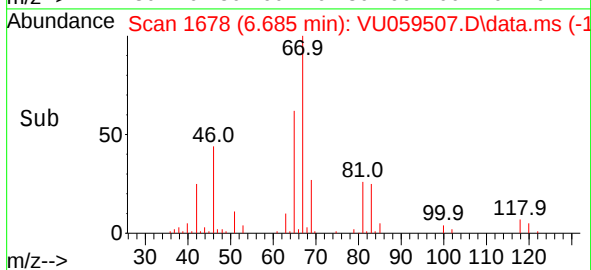
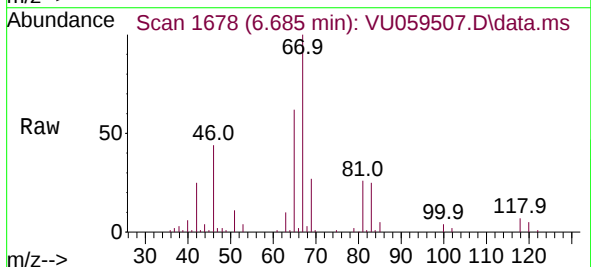
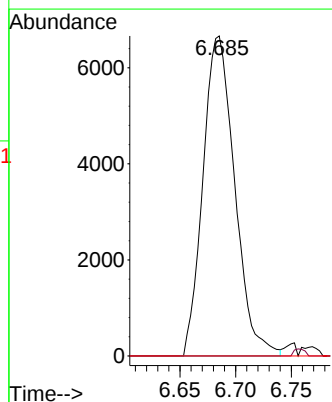
Tgt Ion: 83 Resp: 13208

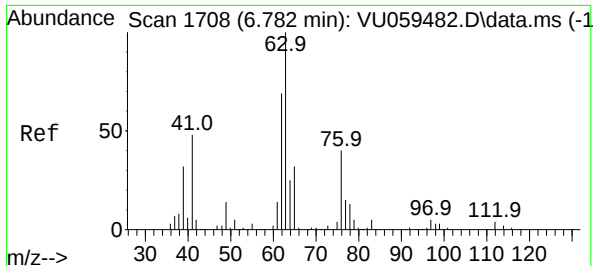
Ion Ratio Lower Upper

83 100

55 0.7 62.7 94.1#

98 0.2 35.4 53.0#

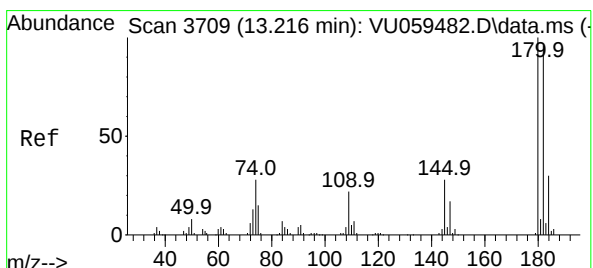
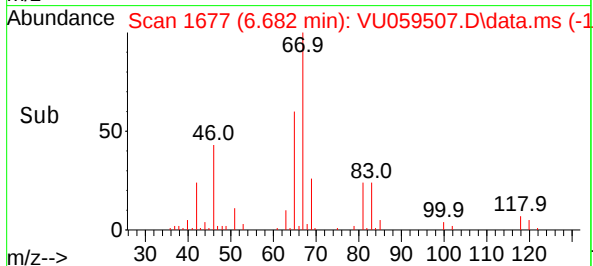
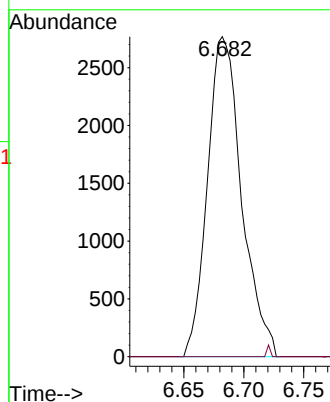
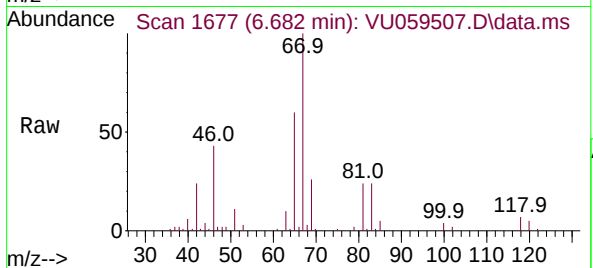




#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU059507.D
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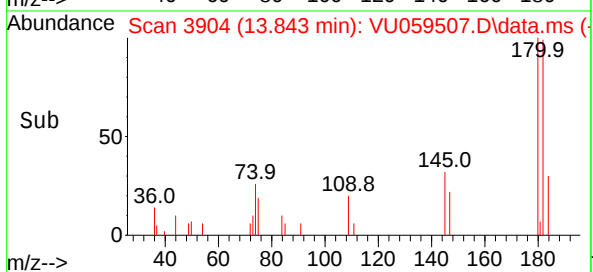
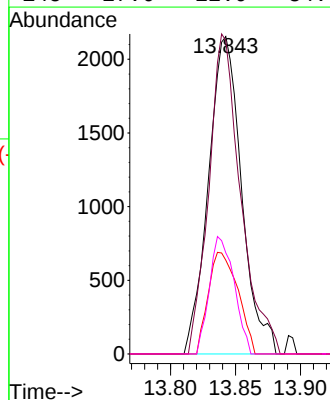
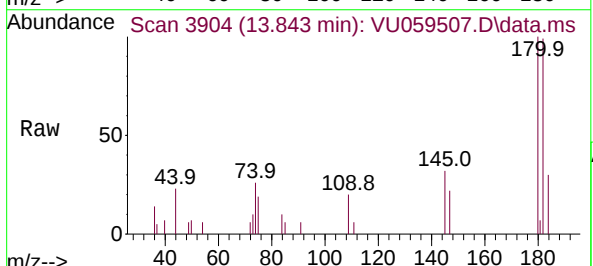
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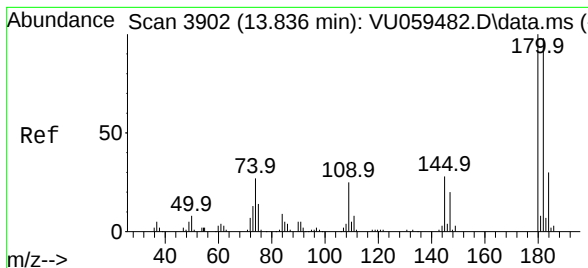
Tgt Ion: 63 Resp: 5482
Ion Ratio Lower Upper
63 100
112 0.3 2.6 3.8#



#69
1,3,5-Trichlorobenzene
Concen: 0.265 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.627 min
Lab File: VU059507.D
Acq: 26 Jun 2024 06:07

Tgt Ion:180 Resp: 3820
Ion Ratio Lower Upper
180 100
182 96.5 75.4 113.0
184 28.6 23.0 34.6
145 27.6 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 0.346 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.006 min

Lab File: VU059507.D

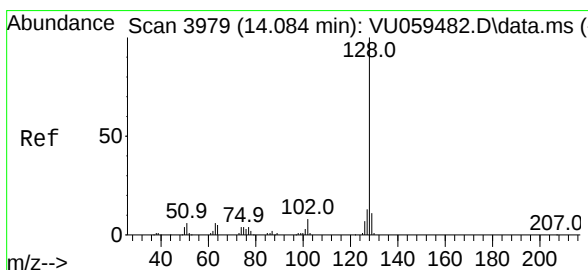
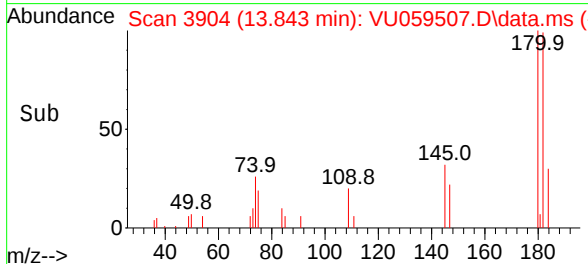
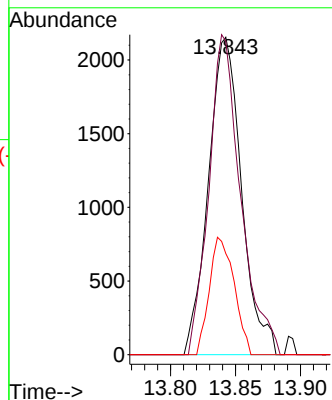
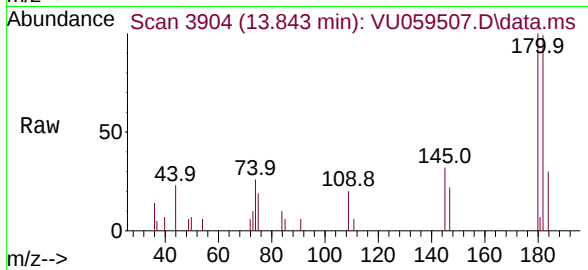
Acq: 26 Jun 2024 06:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	180	Resp:	3820
Ion Ratio	Lower	Upper	
180	100		
182	96.5	74.9	112.3
145	27.6	23.9	35.9



#71

Naphthalene

Concen: 0.731 ug/L

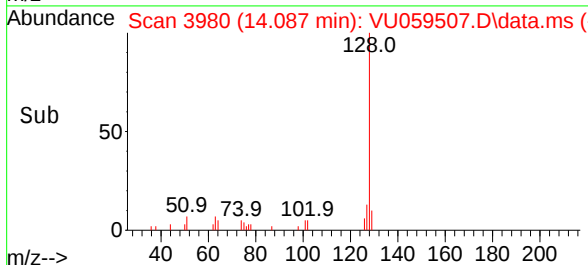
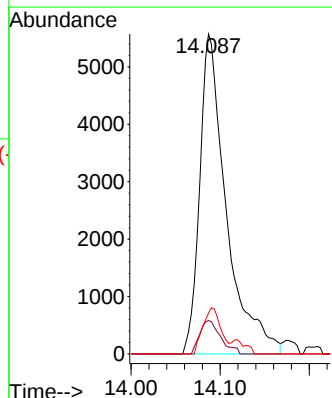
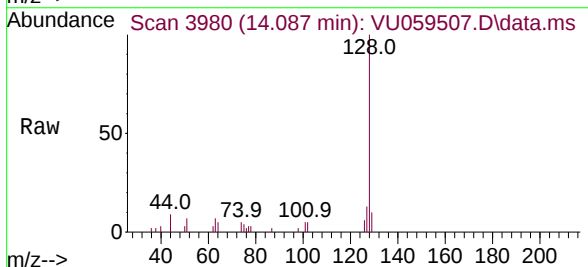
RT: 14.087 min Scan# 3980

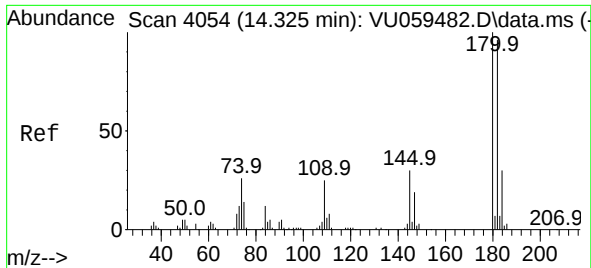
Delta R.T. 0.003 min

Lab File: VU059507.D

Acq: 26 Jun 2024 06:07

Tgt Ion:	128	Resp:	11563
Ion Ratio	Lower	Upper	
128	100		
129	8.2	8.2	12.4#
127	9.7	10.2	15.4#





#72

1,2,3-Trichlorobenzene

Concen: 0.430 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

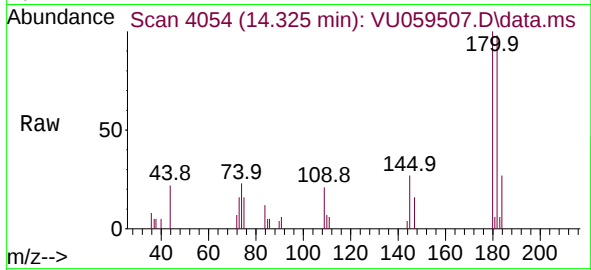
Lab File: VU059507.D

Acq: 26 Jun 2024 06:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 4416

Ion Ratio Lower Upper

180 100

182 101.9 77.0 115.6

145 29.1 26.2 39.4

