

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059668.D
 Acq On : 29 Jun 2024 10:09
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 30 22:39:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

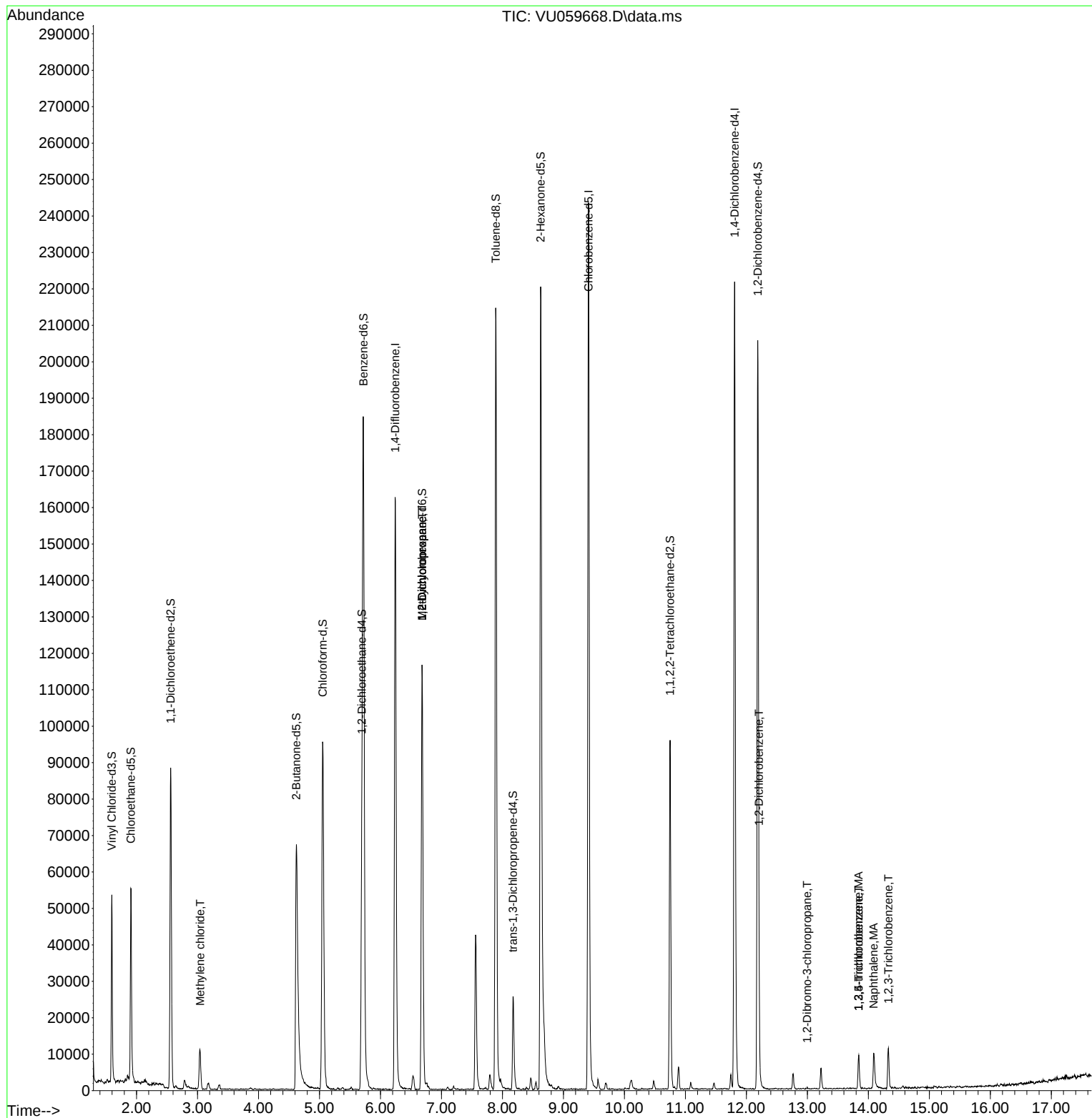
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	140767	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145353	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65582	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	36200	3.698	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.907	69	40696	4.321	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.560	65	16324	4.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.621	46	103787	51.476	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.960%
24) Chloroform-d	5.052	84	92756	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.695	65	45190	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.721	84	184364	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.682	67	58066	4.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.891	98	154356	4.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.174	79	16379	4.267	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.627	63	82351	51.635	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49666	4.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	58776	5.035	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	6015	0.508	ug/L	88
35) Methylcyclohexane	6.682	83	13252	0.779	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	6368	0.557	ug/L #	90
67) 1,2-Dichlorobenzene	12.206	146	2357	0.122	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	12.997	75	82	0.069	ug/L #	43
69) 1,3,5-Trichlorobenzene	13.842	180	3950	0.259	ug/L	95
70) 1,2,4-trichlorobenzene	13.842	180	3950	0.338	ug/L	95
71) Naphthalene	14.087	128	10229	0.611	ug/L	96
72) 1,2,3-Trichlorobenzene	14.328	180	4379	0.403	ug/L	98

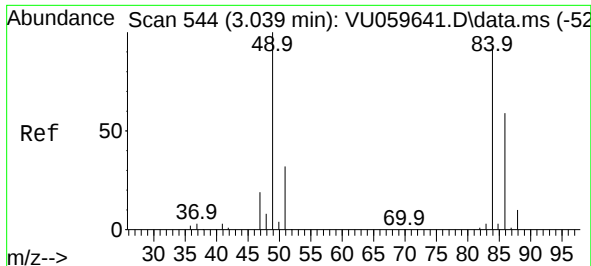
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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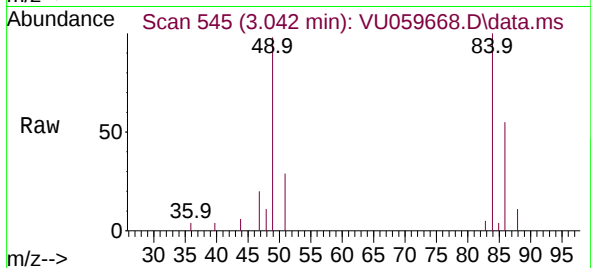
Quant Time: Jun 30 22:39:32 2024
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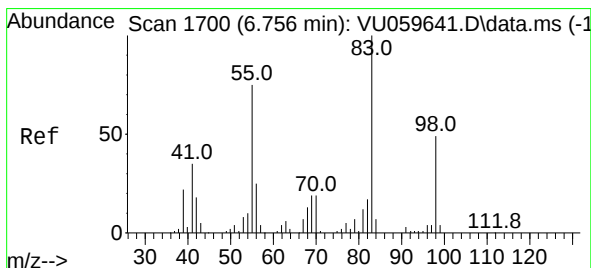
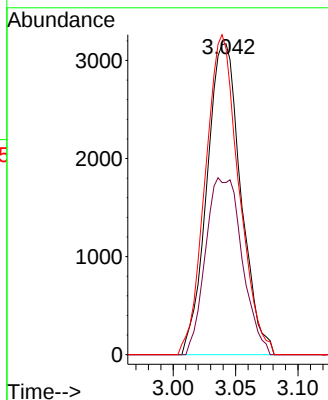
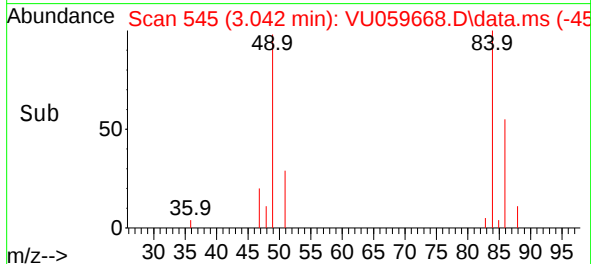


#16
Methylene chloride
Concen: 0.508 ug/L
RT: 3.042 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU059668.D
Acq: 29 Jun 2024 10:09

Instrument :
MSVOA_U
ClientSampleId :

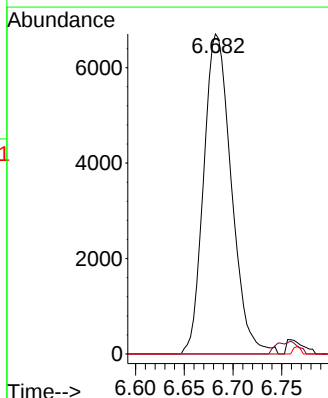
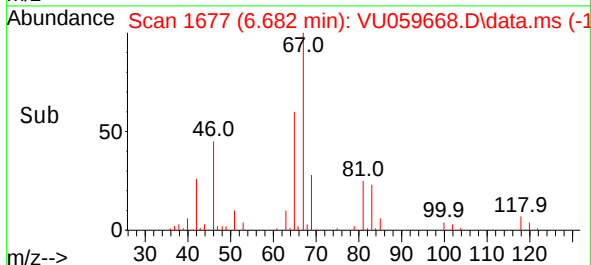
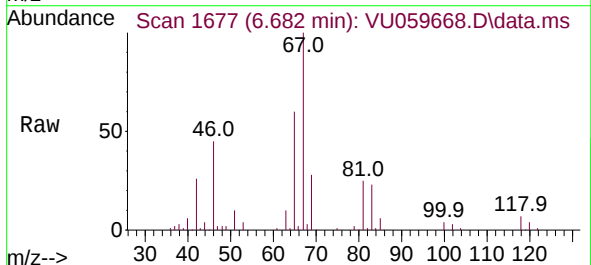


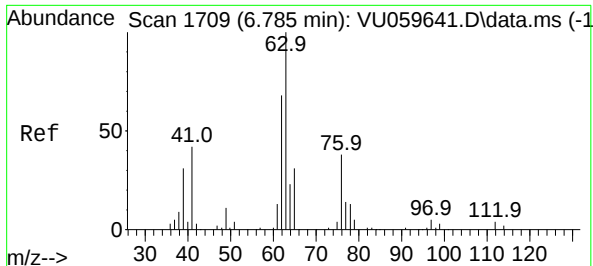
Tgt Ion: 84 Resp: 6015
Ion Ratio Lower Upper
84 100
86 55.4 42.1 78.1
49 98.5 80.6 149.8



#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU059668.D
Acq: 29 Jun 2024 10:09

Tgt Ion: 83 Resp: 13252
Ion Ratio Lower Upper
83 100
55 3.0 62.7 94.1#
98 0.6 35.4 53.0#

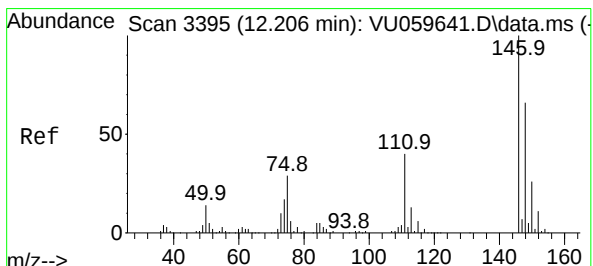
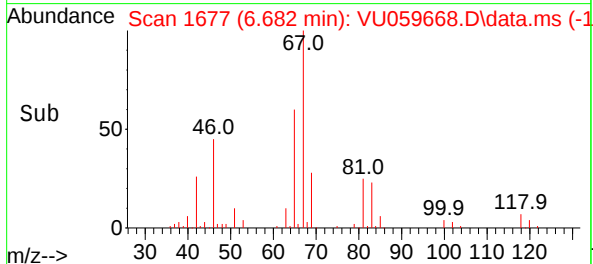
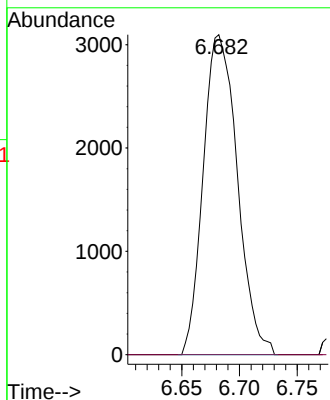
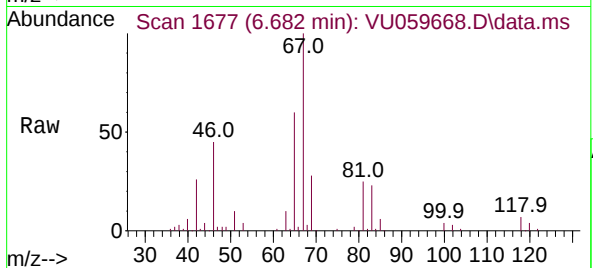




#37
1,2-Dichloropropane
Concen: 0.557 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU059668.D
Acq: 29 Jun 2024 10:09

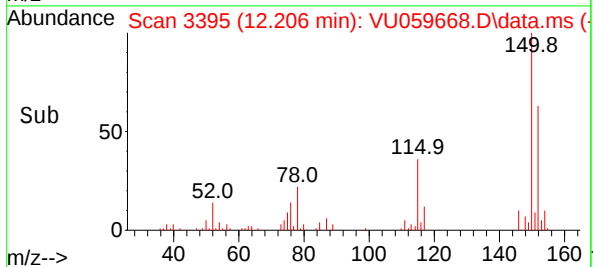
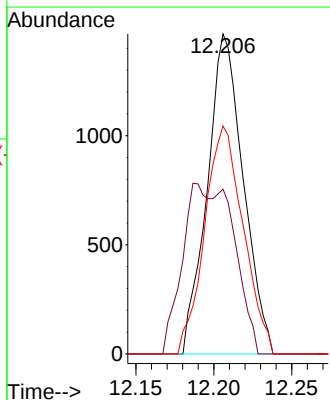
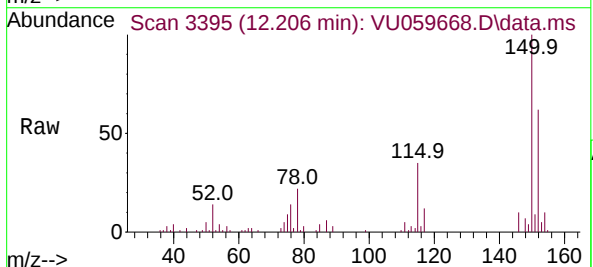
Instrument :
MSVOA_U
ClientSampleId :

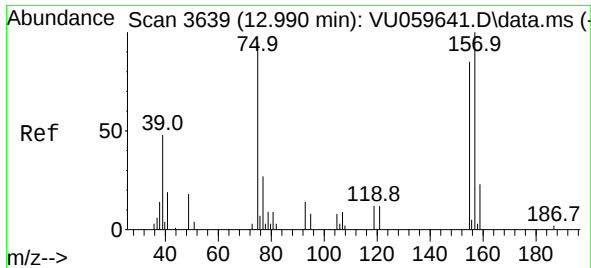
Tgt Ion: 63 Resp: 6368
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#67
1,2-Dichlorobenzene
Concen: 0.122 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU059668.D
Acq: 29 Jun 2024 10:09

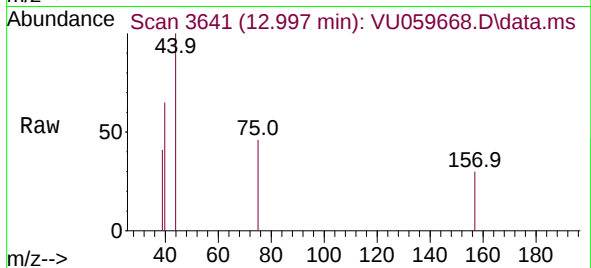
Tgt Ion:146 Resp: 2357
Ion Ratio Lower Upper
146 100
111 51.5 33.4 50.0#
148 71.2 49.7 74.5



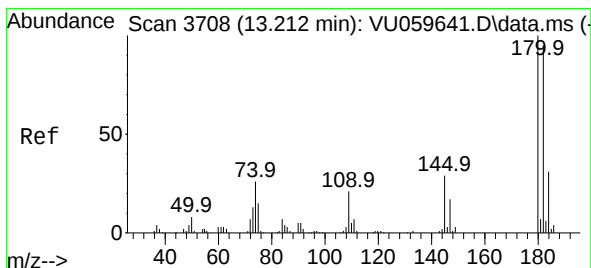
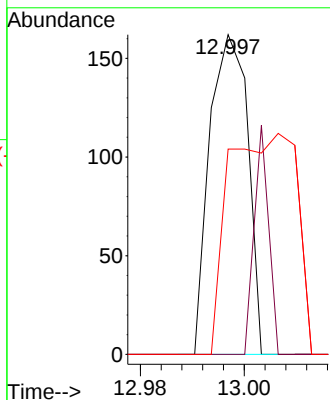
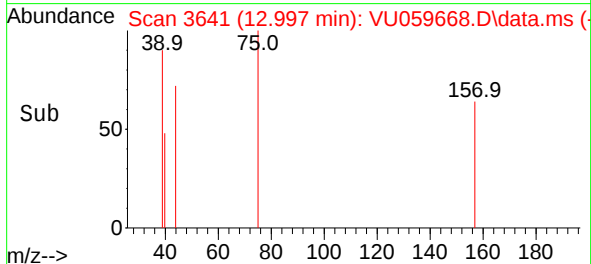


#68
1,2-Dibromo-3-chloropropane
Concen: 0.069 ug/L
RT: 12.997 min Scan# 3641
Delta R.T. 0.006 min
Lab File: VU059668.D
Acq: 29 Jun 2024 10:09

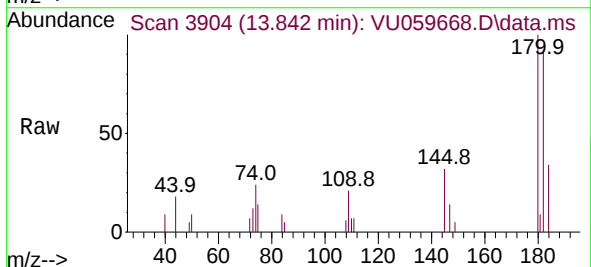
Instrument :
MSVOA_U
ClientSampleId :



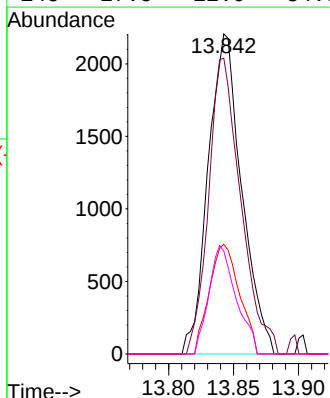
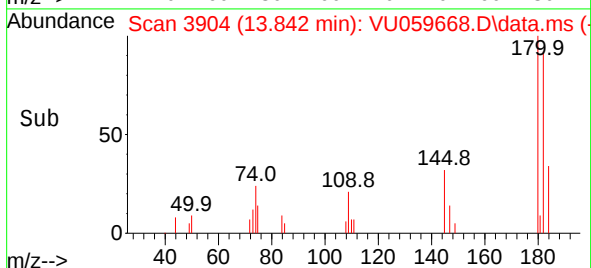
Tgt Ion: 75 Resp: 82
Ion Ratio Lower Upper
75 100
155 0.0 58.2 87.2#
157 64.2 80.0 120.0#

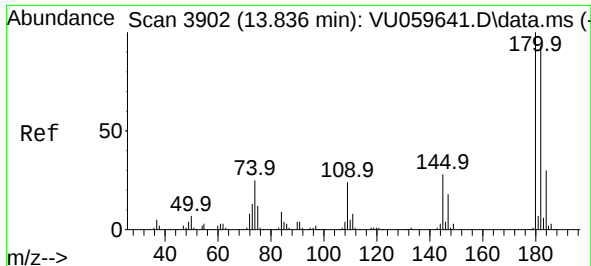


#69
1,3,5-Trichlorobenzene
Concen: 0.259 ug/L
RT: 13.842 min Scan# 3904
Delta R.T. 0.630 min
Lab File: VU059668.D
Acq: 29 Jun 2024 10:09



Tgt Ion:180 Resp: 3950
Ion Ratio Lower Upper
180 100
182 88.7 75.4 113.0
184 30.8 23.0 34.6
145 27.5 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 0.338 ug/L

RT: 13.842 min Scan# 3904

Delta R.T. 0.006 min

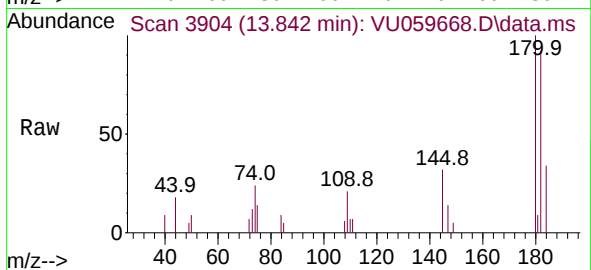
Lab File: VU059668.D

Acq: 29 Jun 2024 10:09

Instrument :

MSVOA_U

ClientSampleId :



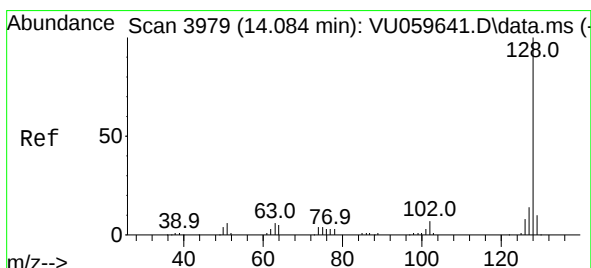
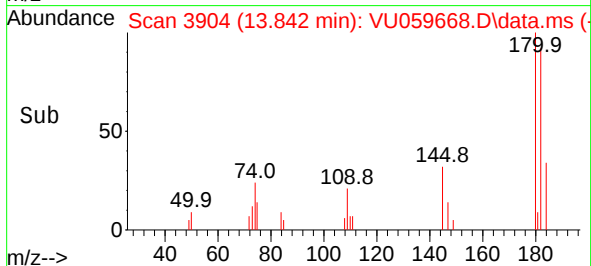
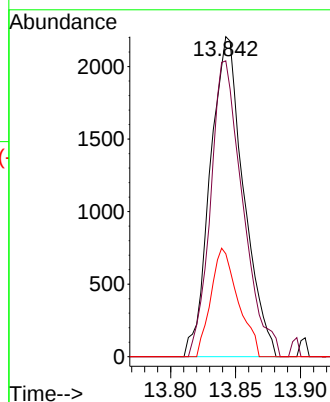
Tgt Ion:180 Resp: 3950

Ion Ratio Lower Upper

180 100

182 88.7 74.9 112.3

145 27.5 23.9 35.9



#71

Naphthalene

Concen: 0.611 ug/L

RT: 14.087 min Scan# 3980

Delta R.T. 0.003 min

Lab File: VU059668.D

Acq: 29 Jun 2024 10:09

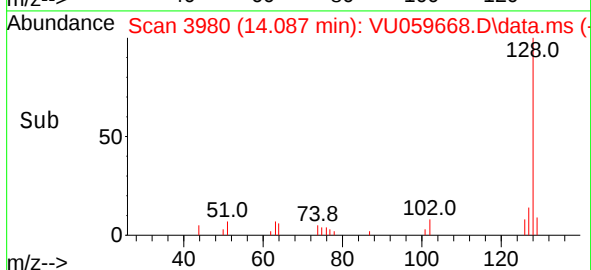
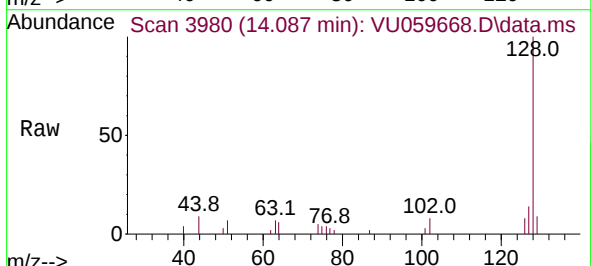
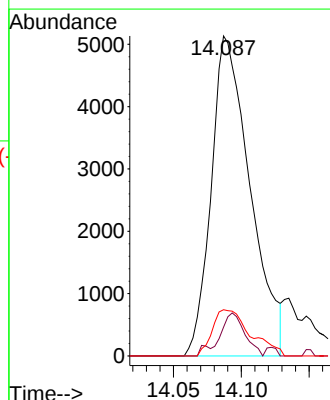
Tgt Ion:128 Resp: 10229

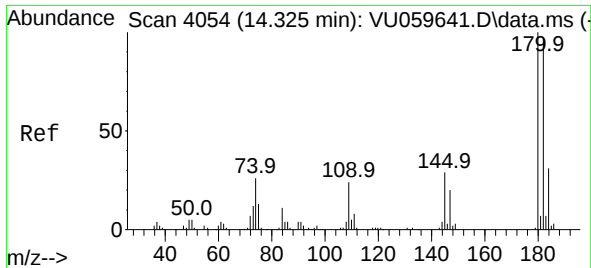
Ion Ratio Lower Upper

128 100

129 8.7 8.2 12.4

127 14.2 10.2 15.4





#72

1,2,3-Trichlorobenzene

Concen: 0.403 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

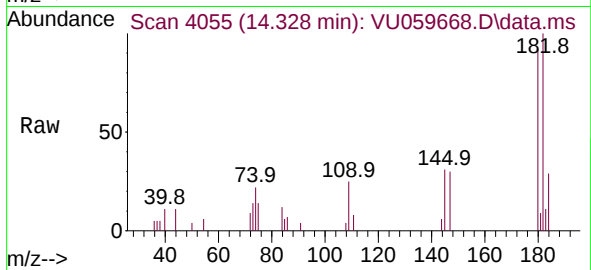
Lab File: VU059668.D

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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 4379

Ion Ratio Lower Upper

180 100

182 94.7 77.0 115.6

145 31.1 26.2 39.4

