

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059842.D
 Acq On : 04 Jul 2024 11:21
 Operator : MD/SY
 Sample : VIBLK111
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 05 01:08:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 04:26:48 2024
 Response via : Initial Calibration

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

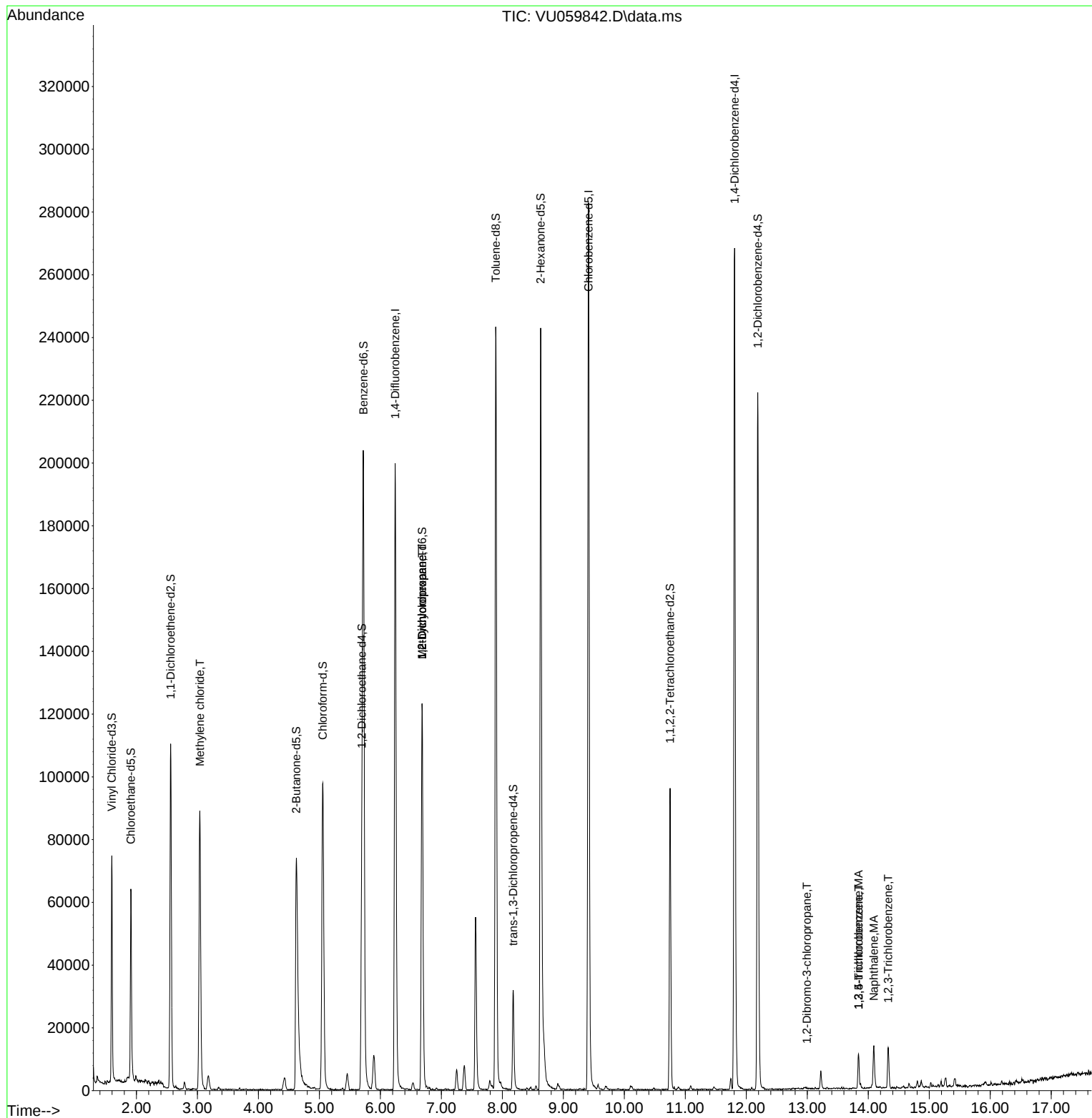
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	172326	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	172162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76476	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52651	4.394	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.908	69	46243	4.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.560	65	20183	4.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.621	46	109647	44.423	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.840%
24) Chloroform-d	5.052	84	98339	3.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.695	65	50420	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.721	84	203716	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.682	67	63766	4.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.891	98	173815	3.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.177	79	20179	4.438	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.627	63	90033	47.661	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.320%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	50304	4.193	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	65461	4.809	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	46568	3.215	ug/L	87
35) Methylcyclohexane	6.682	83	15103	0.750	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	6171	0.456	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.991	75	113	0.082	ug/L #	6
69) 1,3,5-Trichlorobenzene	13.839	180	4281	0.241	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	4281	0.314	ug/L	97
71) Naphthalene	14.090	128	12865	0.659	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	4699	0.371	ug/L	90

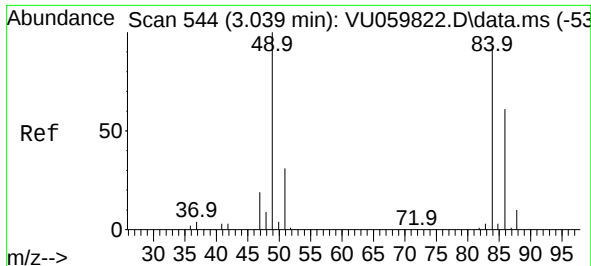
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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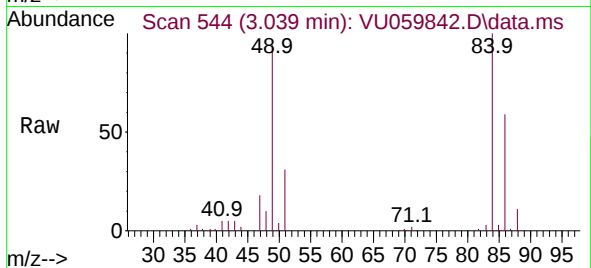
Quant Time: Jul 05 01:08:14 2024
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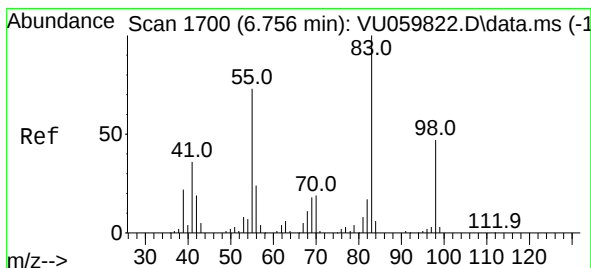
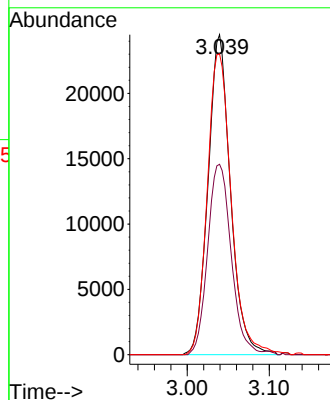
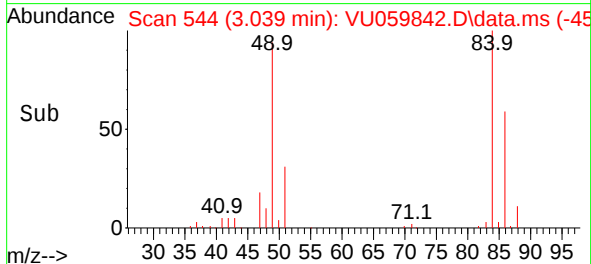


#16
Methylene chloride
Concen: 3.215 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059842.D
Acq: 04 Jul 2024 11:21

Instrument :
MSVOA_U
ClientSampleId :

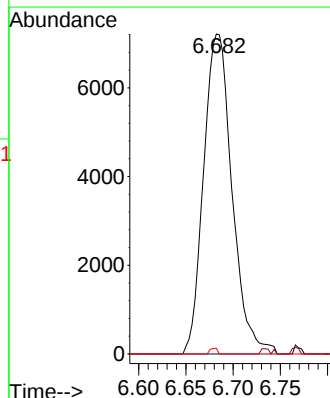
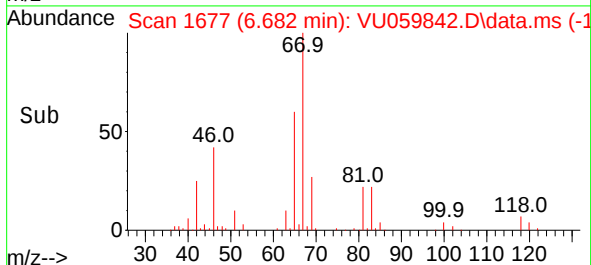
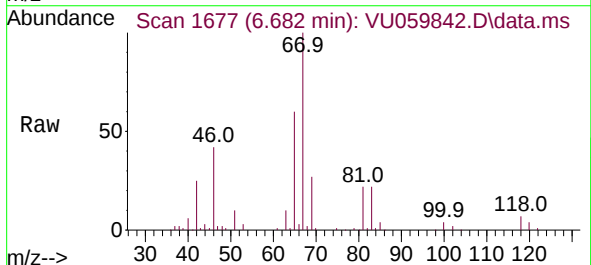


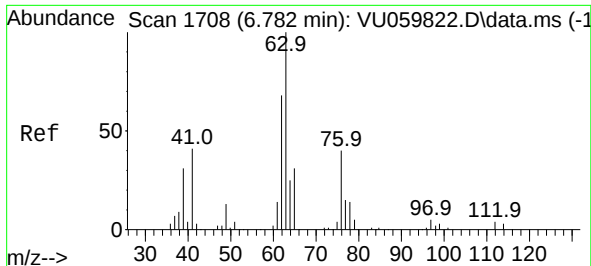
Tgt Ion: 84 Resp: 46568
Ion Ratio Lower Upper
84 100
86 59.5 42.1 78.1
49 94.0 80.6 149.8



#35
Methylcyclohexane
Concen: 0.750 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU059842.D
Acq: 04 Jul 2024 11:21

Tgt Ion: 83 Resp: 15103
Ion Ratio Lower Upper
83 100
55 0.6 62.7 94.1#
98 0.5 35.4 53.0#

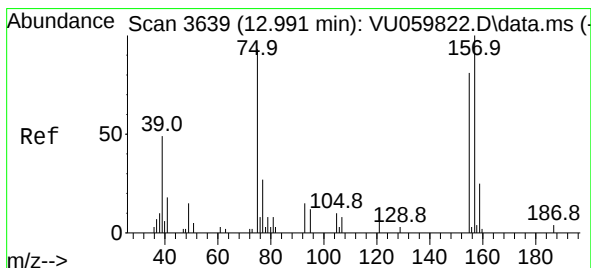
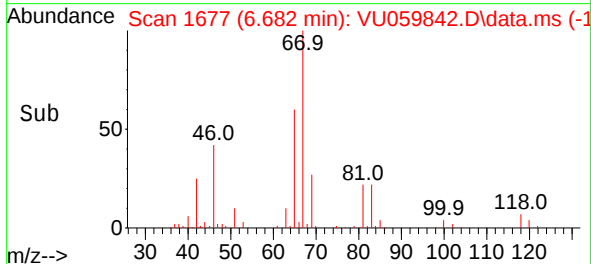
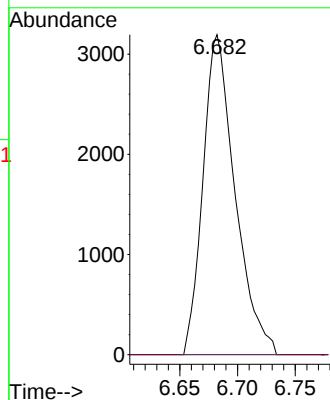
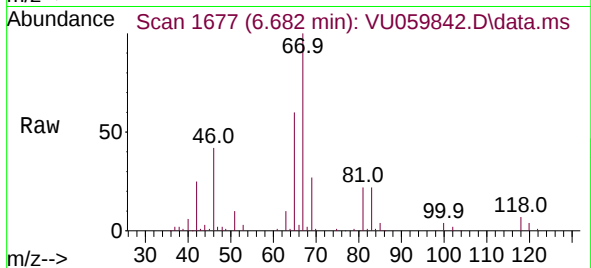




#37
1,2-Dichloropropane
Concen: 0.456 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU059842.D
Acq: 04 Jul 2024 11:21

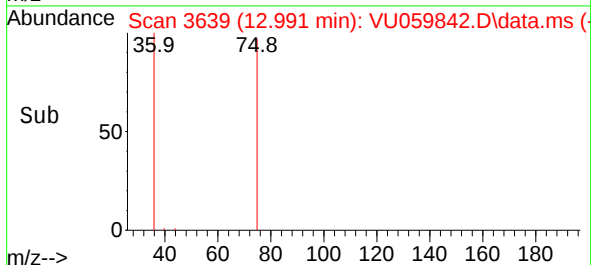
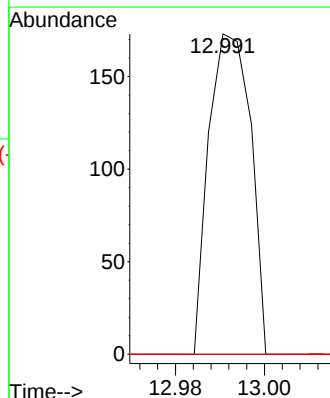
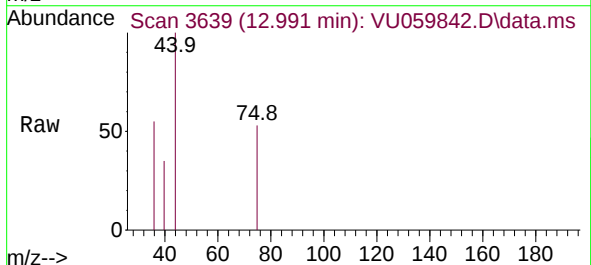
Instrument :
MSVOA_U
ClientSampleId :

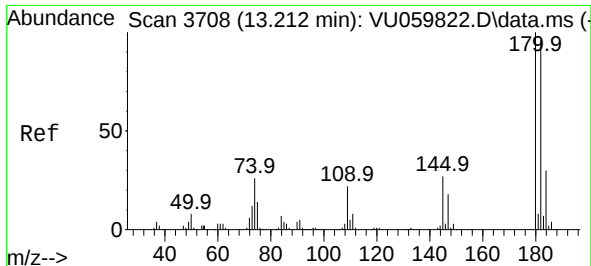
Tgt Ion: 63 Resp: 6171
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.082 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU059842.D
Acq: 04 Jul 2024 11:21

Tgt Ion: 75 Resp: 113
Ion Ratio Lower Upper
75 100
155 0.0 58.2 87.2#
157 0.0 80.0 120.0#





#69

1,3,5-Trichlorobenzene

Concen: 0.241 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.627 min

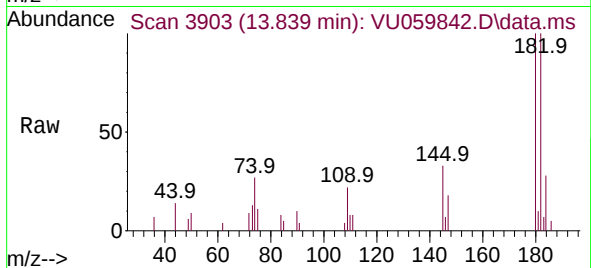
Lab File: VU059842.D

Acq: 04 Jul 2024 11:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 4281

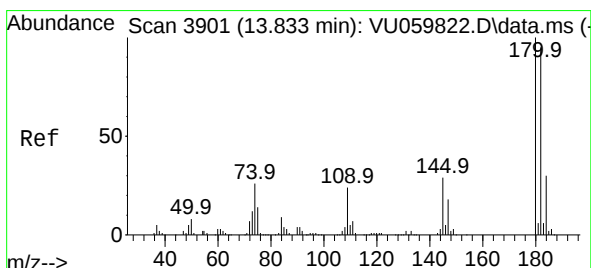
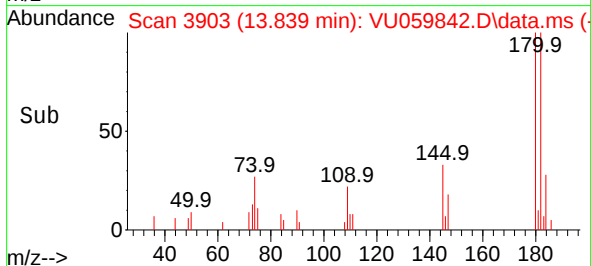
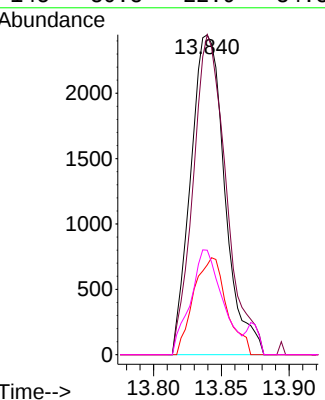
Ion Ratio Lower Upper

180 100

182 97.0 75.4 113.0

184 29.5 23.0 34.6

145 30.8 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 0.314 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.007 min

Lab File: VU059842.D

Acq: 04 Jul 2024 11:21

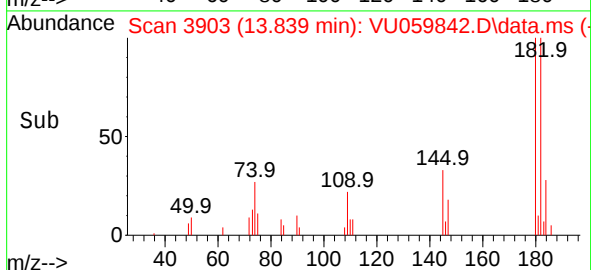
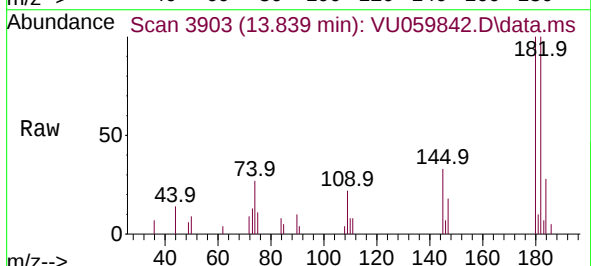
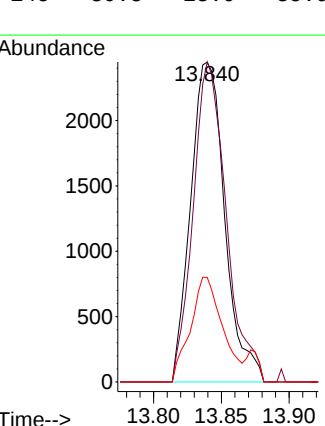
Tgt Ion:180 Resp: 4281

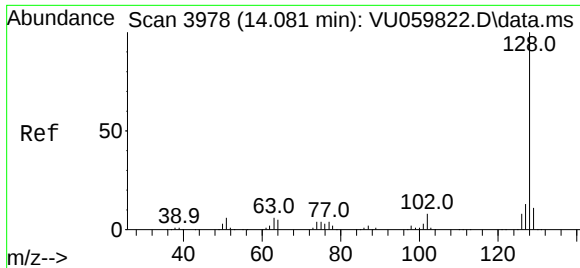
Ion Ratio Lower Upper

180 100

182 97.0 74.9 112.3

145 30.8 23.9 35.9

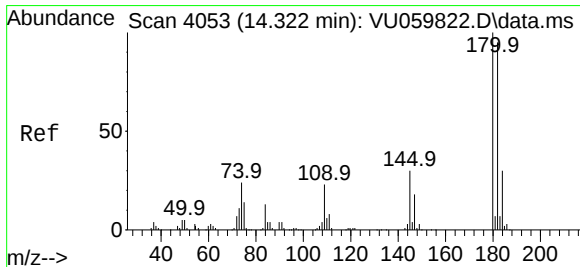
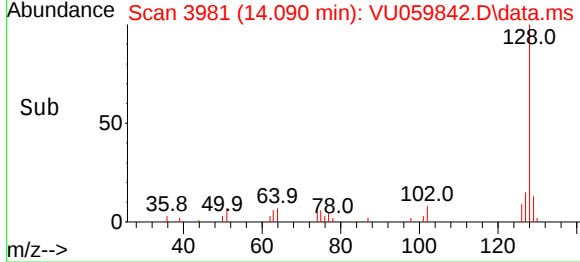
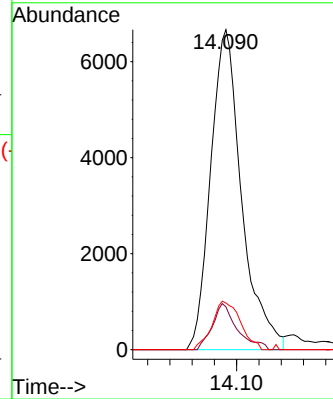
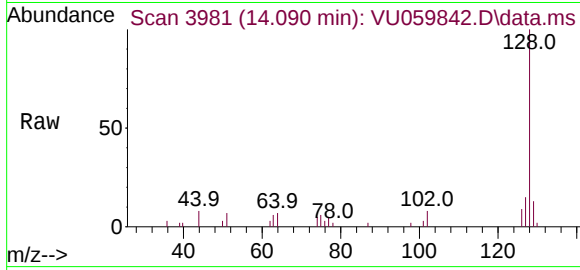




#71
Naphthalene
Concen: 0.659 ug/L
RT: 14.090 min Scan# 3978
Delta R.T. 0.010 min
Lab File: VU059842.D
Acq: 04 Jul 2024 11:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	12865
Ion Ratio	Lower	Upper
128	100	
129	11.6	8.2 12.4
127	13.8	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.371 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU059842.D
Acq: 04 Jul 2024 11:21

Tgt Ion:180	Resp:	4699
Ion Ratio	Lower	Upper
180	100	
182	106.7	77.0 115.6
145	37.1	26.2 39.4

