

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057572.D
 Acq On : 23 Jan 2024 17:07
 Operator : MD/SY
 Sample : VU0123WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:57:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:56:55 2024
 Response via : Initial Calibration

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

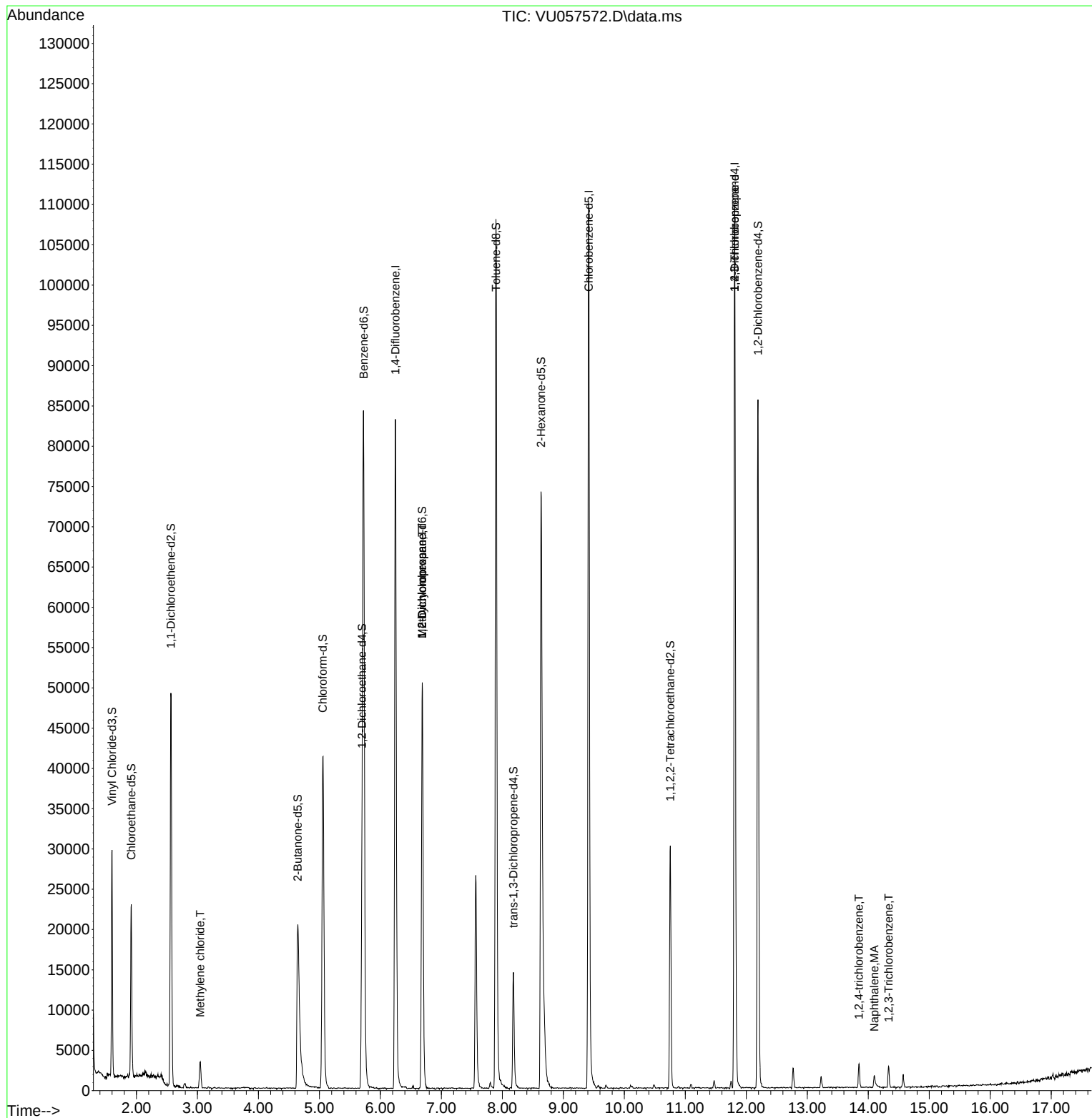
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	70220	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	64642	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29601	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	19756	5.106	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.200%		
7) Chloroethane-d5	1.914	69	16228	5.006	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 100.200%		
11) 1,1-Dichloroethene-d2	2.563	65	9345	5.137	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 102.800%		
20) 2-Butanone-d5	4.644	46	39451	54.052	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 108.100%		
24) Chloroform-d	5.055	84	39225	4.995	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.800%		
26) 1,2-Dichloroethane-d4	5.698	65	19033	5.333	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.600%		
32) Benzene-d6	5.724	84	79645	5.253	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.000%		
36) 1,2-Dichloropropane-d6	6.685	67	24278	5.309	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.200%		
41) Toluene-d8	7.894	98	75676	5.258	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.200%		
43) trans-1,3-Dichloroprop...	8.181	79	9420	5.168	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.400%		
46) 2-Hexanone-d5	8.634	63	27456	47.211	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 94.420%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	15476	5.048	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.000%		
66) 1,2-Dichlorobenzene-d4	12.190	152	22729	5.471	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 109.400%		
Target Compounds						
16) Methylene chloride	3.046	84	1793	0.327	ug/L	94
35) Methylcyclohexane	6.685	83	5741	0.581	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2622	0.473	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	4061	1.367	ug/L #	65
70) 1,2,4-trichlorobenzene	13.846	180	1372	0.241	ug/L	97
71) Naphthalene	14.097	128	2612	0.324	ug/L #	81
72) 1,2,3-Trichlorobenzene	14.335	180	1149	0.259	ug/L	98

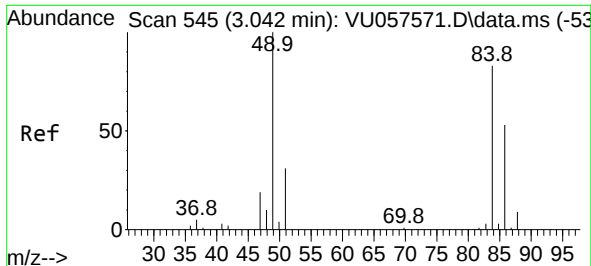
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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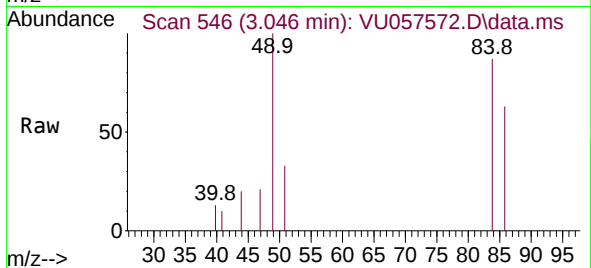
Quant Time: Jan 24 00:57:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
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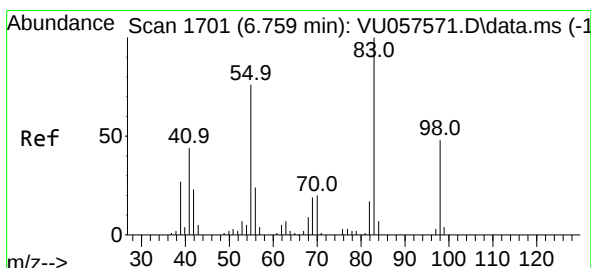
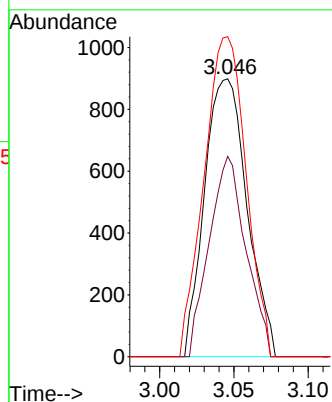
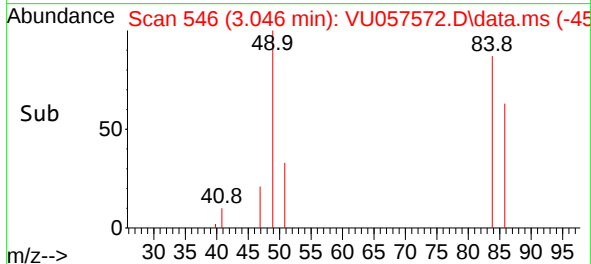


#16
Methylene chloride
Concen: 0.327 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU057572.D
Acq: 23 Jan 2024 17:07

Instrument :
MSVOA_U
ClientSampleId :

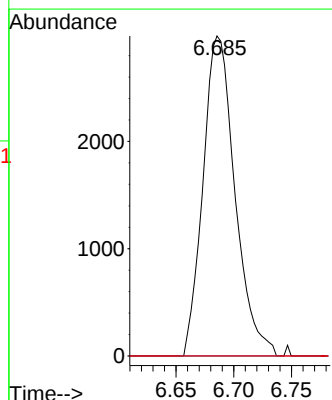
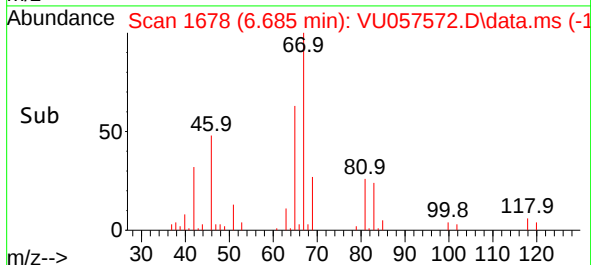
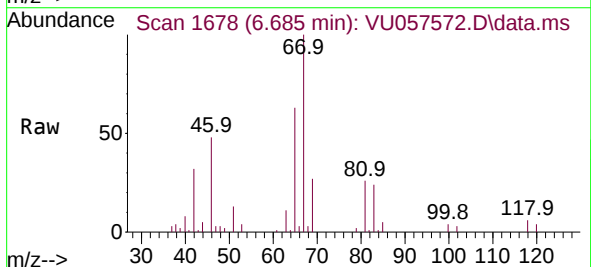


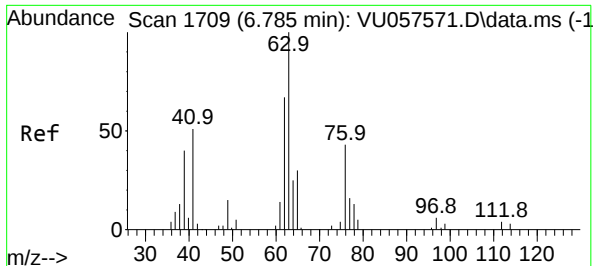
Tgt Ion: 84 Resp: 1793
Ion Ratio Lower Upper
84 100
86 72.1 43.5 80.9
49 115.1 82.5 153.1



#35
Methylcyclohexane
Concen: 0.581 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057572.D
Acq: 23 Jan 2024 17:07

Tgt Ion: 83 Resp: 5741
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#

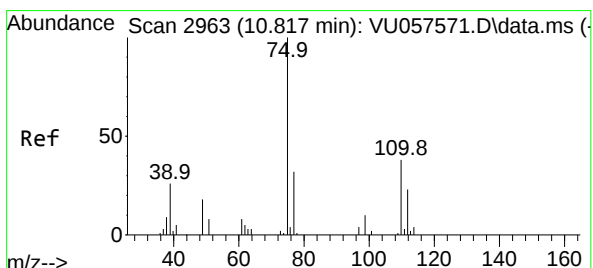
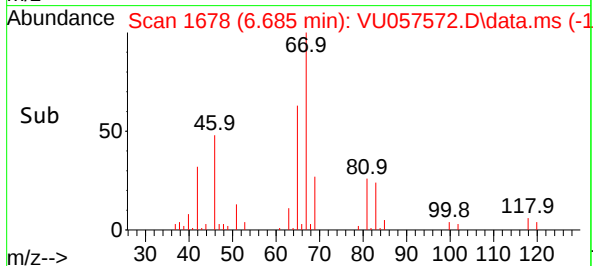
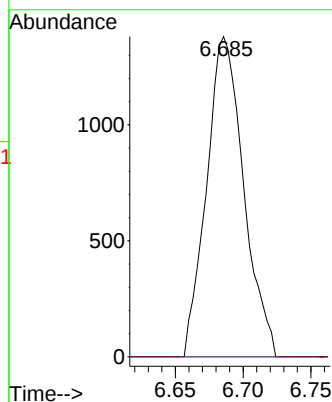
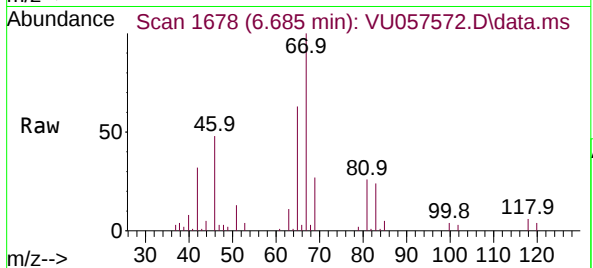




#37
1,2-Dichloropropane
Concen: 0.473 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057572.D
Acq: 23 Jan 2024 17:07

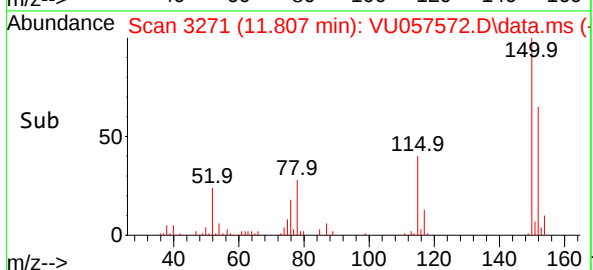
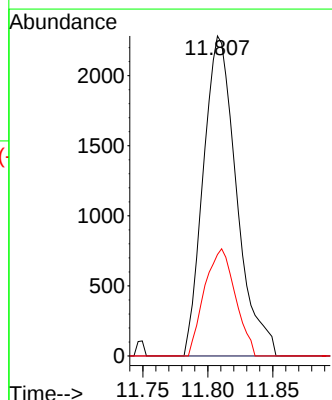
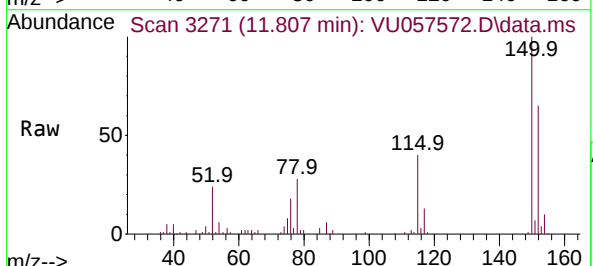
Instrument :
MSVOA_U
ClientSampleId :

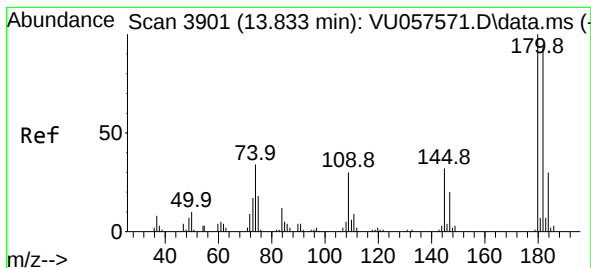
Tgt Ion: 63 Resp: 2622
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 1.367 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057572.D
Acq: 23 Jan 2024 17:07

Tgt Ion: 75 Resp: 4061
Ion Ratio Lower Upper
75 100
110 0.0 30.1 45.1#
77 31.1 25.5 38.3





#70

1,2,4-trichlorobenzene

Concen: 0.241 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.013 min

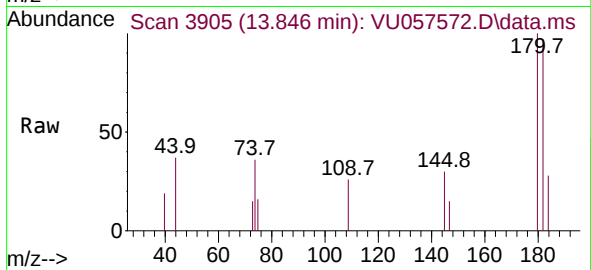
Lab File: VU057572.D

Acq: 23 Jan 2024 17:07

Instrument :

MSVOA_U

ClientSampleId :



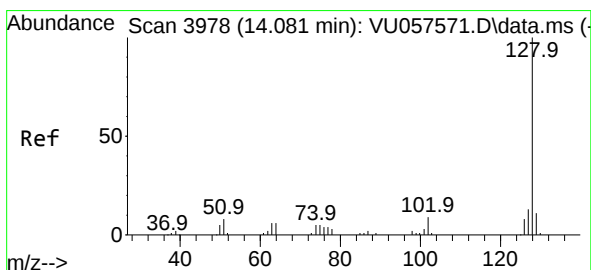
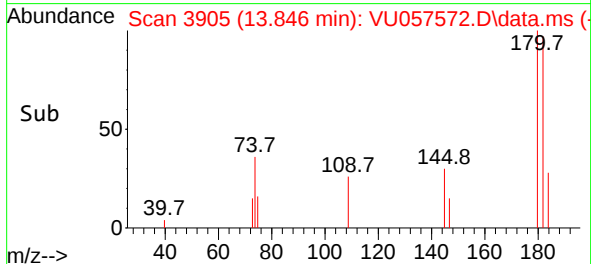
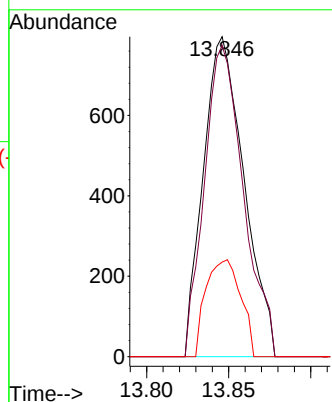
Tgt Ion:180 Resp: 1372

Ion Ratio Lower Upper

180 100

182 93.1 74.9 112.3

145 25.7 25.4 38.2



#71

Naphthalene

Concen: 0.324 ug/L

RT: 14.097 min Scan# 3983

Delta R.T. 0.016 min

Lab File: VU057572.D

Acq: 23 Jan 2024 17:07

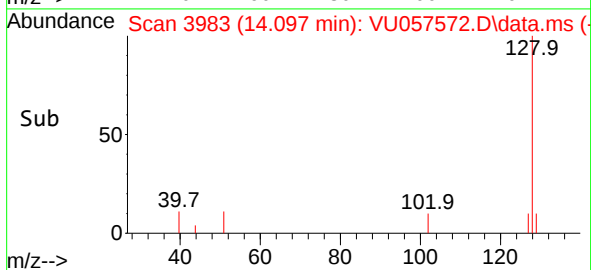
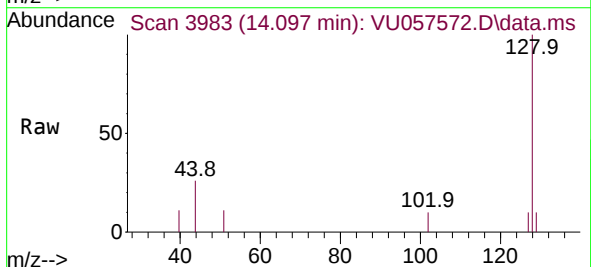
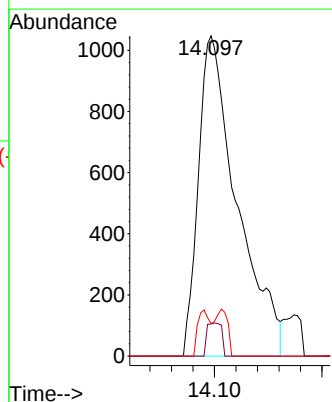
Tgt Ion:128 Resp: 2612

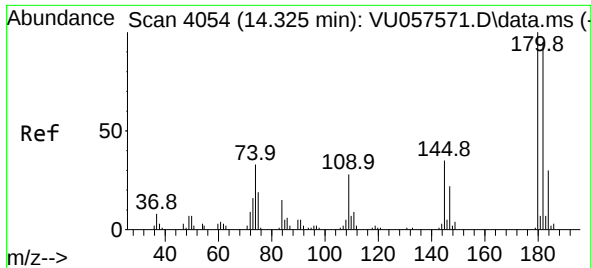
Ion Ratio Lower Upper

128 100

129 3.9 8.6 13.0#

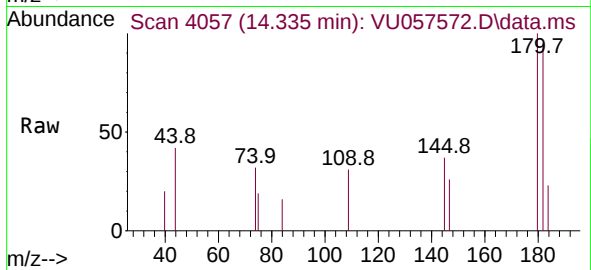
127 4.8 10.0 15.0#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.259 ug/L
 RT: 14.335 min Scan# 4057
 Delta R.T. 0.010 min
 Lab File: VU057572.D
 Acq: 23 Jan 2024 17:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	1149
Ion	Ratio	Lower	Upper
180	100		
182	98.6	78.1	117.1
145	31.4	26.7	40.1

