

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020425\
 Data File : VU063121.D
 Acq On : 04 Feb 2025 15:27
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK008

Quant Time: Feb 05 07:50:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 05 07:40:48 2025
 Response via : Initial Calibration

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

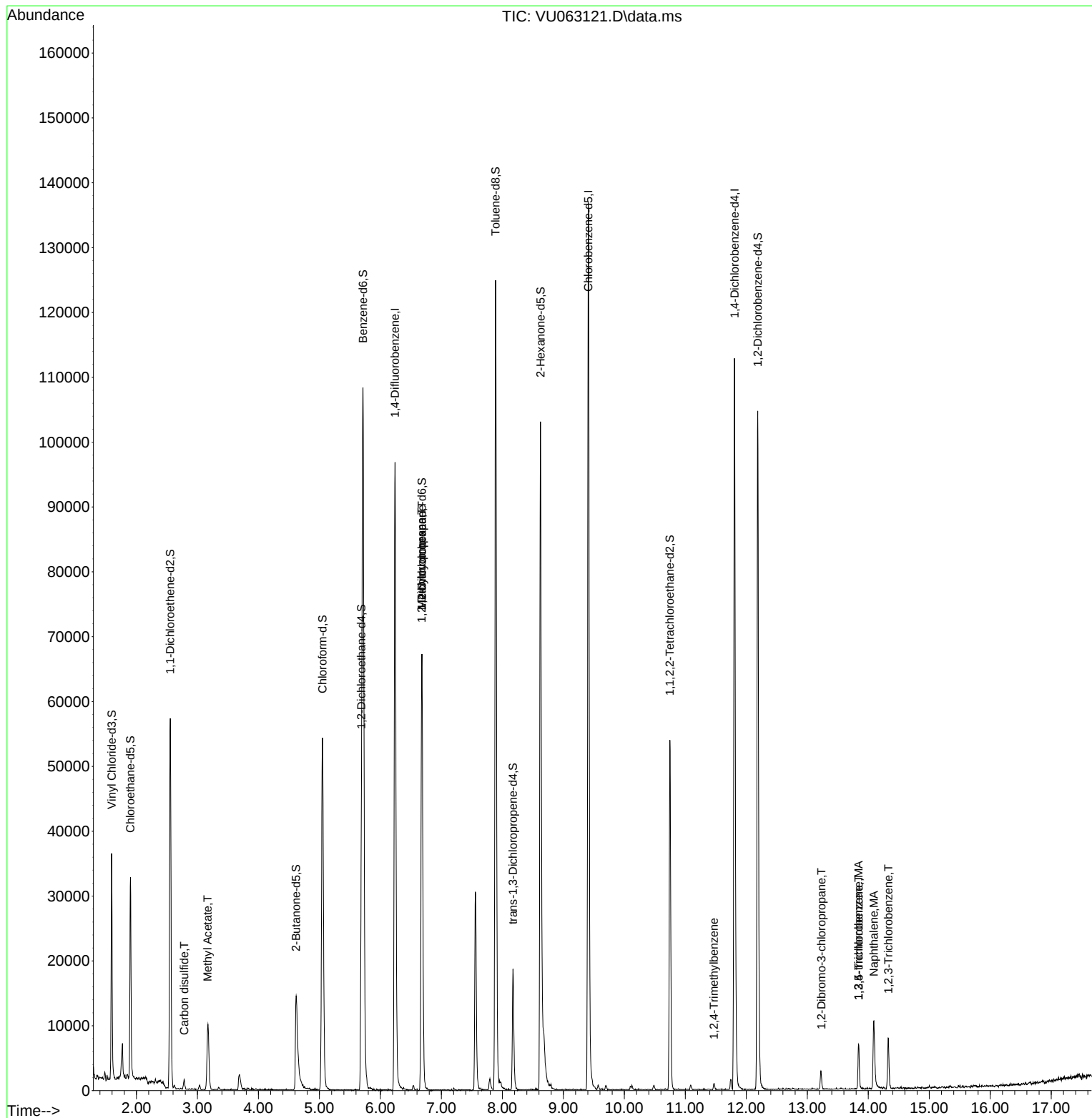
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	80735	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	76975	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31623	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24892	5.390	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 107.800%	
7) Chloroethane-d5	1.901	69	23174	5.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 108.200%	
11) 1,1-Dichloroethene-d2	2.554	65	11369	5.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 110.200%	
20) 2-Butanone-d5	4.618	46	23708	15.595	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	= 31.180%#	
24) Chloroform-d	5.049	84	51475	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 100.800%	
26) 1,2-Dichloroethane-d4	5.689	65	28062	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 106.800%	
32) Benzene-d6	5.714	84	103177	5.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 102.800%	
36) 1,2-Dichloropropane-d6	6.679	67	34903	5.273	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 105.400%	
41) Toluene-d8	7.888	98	86219	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 97.200%	
43) trans-1,3-Dichloroprop...	8.174	79	11466	4.623	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 92.400%	
46) 2-Hexanone-d5	8.624	63	37001	29.641	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 59.280%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28918	4.950	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 99.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	29119	5.514	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 110.200%	
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.782	76	1907	0.103	ug/L #	92
15) Methyl Acetate	3.168	43	889	0.340	ug/L #	51
35) Methylcyclohexane	6.679	83	7396	0.767	ug/L #	18
37) 1,2-Dichloropropane	6.676	63	3333	0.493	ug/L #	90
63) 1,2,4-Trimethylbenzene	11.470	105	993	0.058	ug/L	89
68) 1,2-Dibromo-3-chloropr...	13.229	75	155	0.203	ug/L #	6
69) 1,3,5-Trichlorobenzene	13.839	180	2672	0.384	ug/L	95
70) 1,2,4-trichlorobenzene	13.839	180	2672	0.489	ug/L	93
71) Naphthalene	14.090	128	12681	1.413	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	3206	0.656	ug/L	97

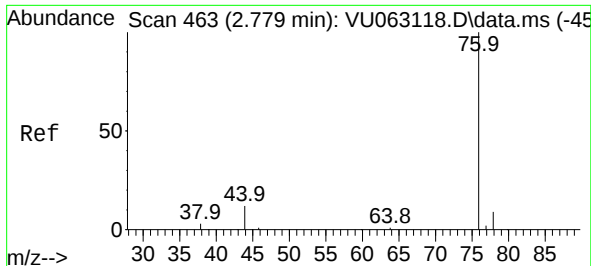
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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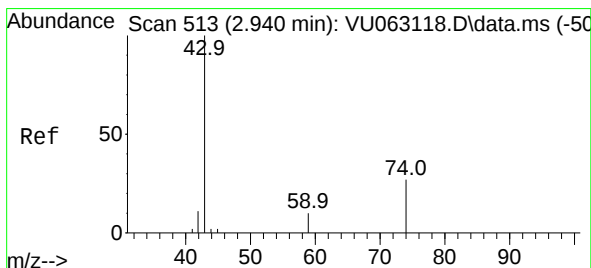
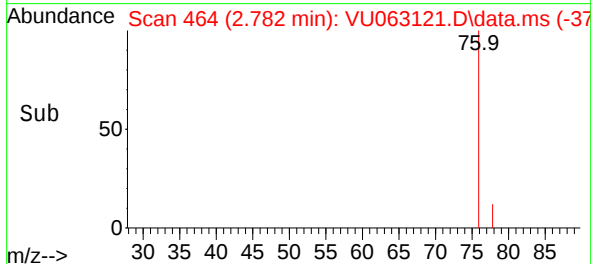
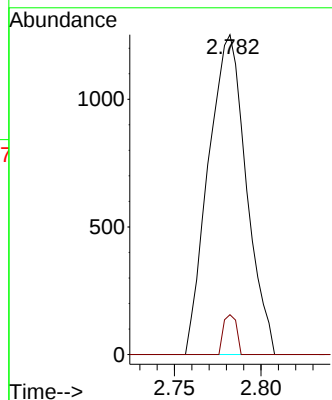
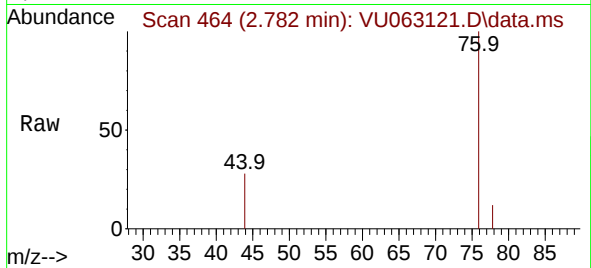




#14
Carbon disulfide
Concen: 0.103 ug/L
RT: 2.782 min Scan# 4
Delta R.T. 0.003 min
Lab File: VU063121.D
Acq: 04 Feb 2025 15:27

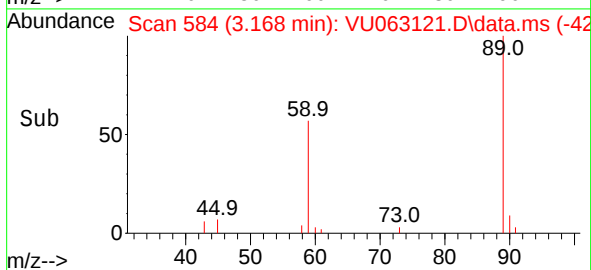
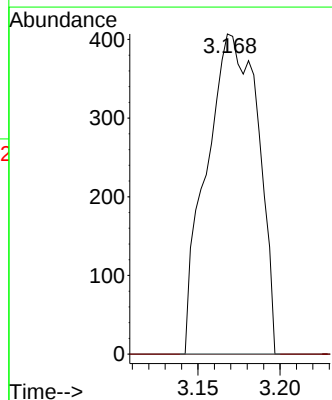
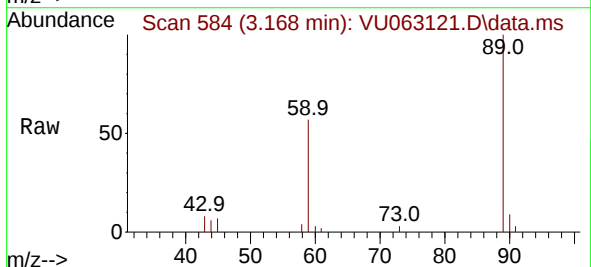
Instrument :
MSVOA_U
ClientSampleId :
VIBLK008

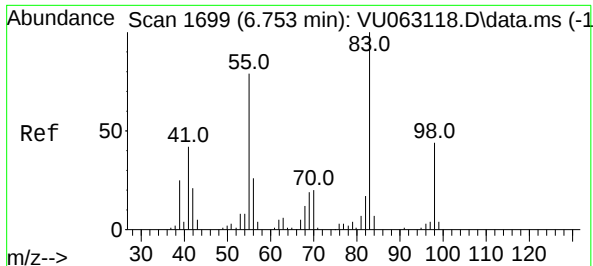
Tgt Ion: 76 Resp: 1907
Ion Ratio Lower Upper
76 100
78 12.5 7.5 11.3#



#15
Methyl Acetate
Concen: 0.340 ug/L
RT: 3.168 min Scan# 584
Delta R.T. 0.228 min
Lab File: VU063121.D
Acq: 04 Feb 2025 15:27

Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#





#35

Methylcyclohexane

Concen: 0.767 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU063121.D

Acq: 04 Feb 2025 15:27

Instrument :

MSVOA_U

ClientSampleId :

VIBLK008

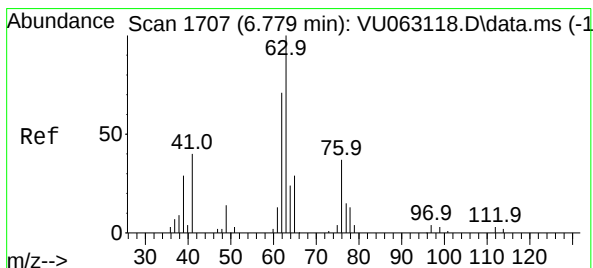
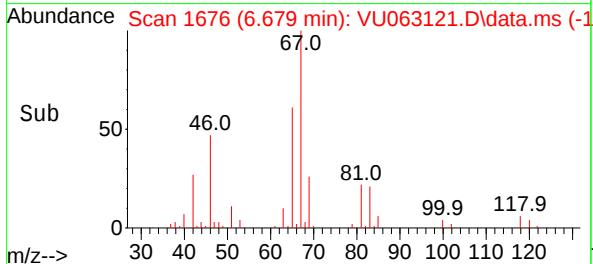
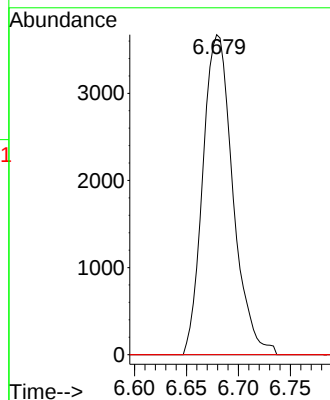
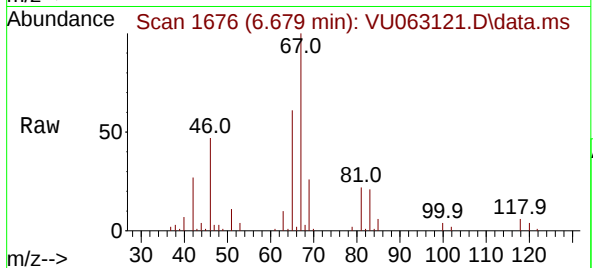
Tgt Ion: 83 Resp: 7396

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.0 36.0 54.0#



#37

1,2-Dichloropropane

Concen: 0.493 ug/L

RT: 6.676 min Scan# 1675

Delta R.T. -0.103 min

Lab File: VU063121.D

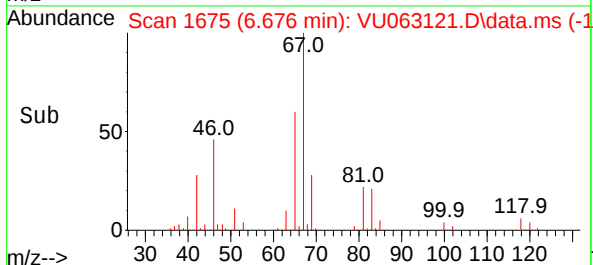
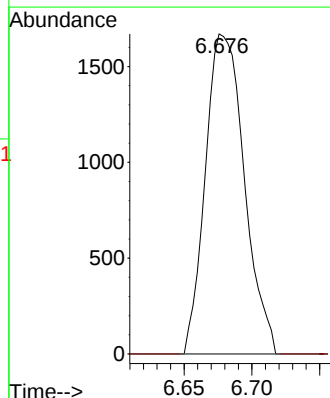
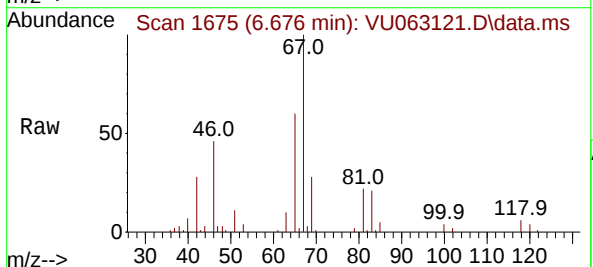
Acq: 04 Feb 2025 15:27

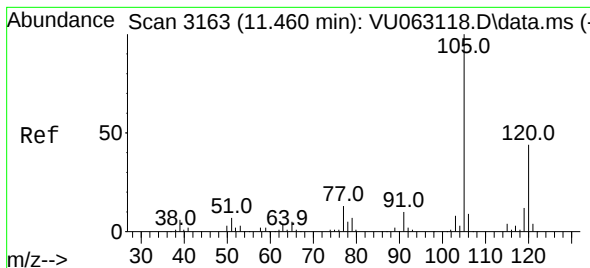
Tgt Ion: 63 Resp: 3333

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#63

1,2,4-Trimethylbenzene

Concen: 0.058 ug/L

RT: 11.470 min Scan# 3166

Delta R.T. 0.010 min

Lab File: VU063121.D

Acq: 04 Feb 2025 15:27

Instrument :

MSVOA_U

ClientSampleId :

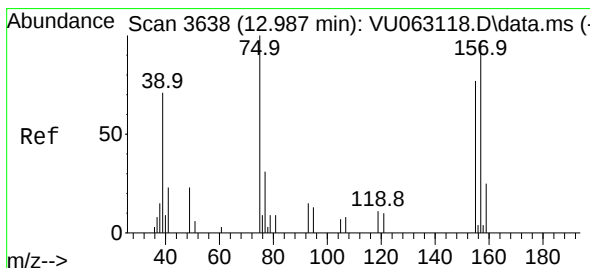
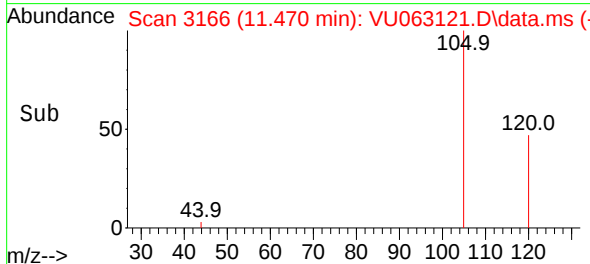
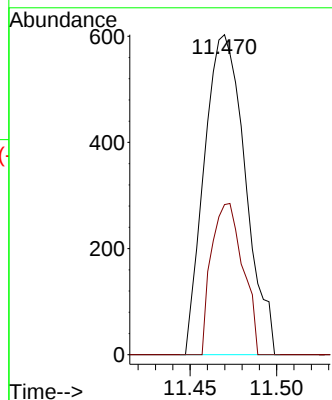
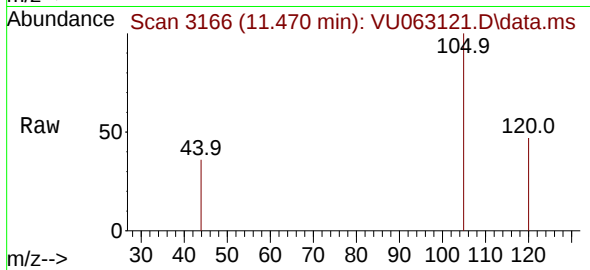
VIBLK008

Tgt Ion:105 Resp: 993

Ion Ratio Lower Upper

105 100

120 36.2 34.7 52.1



#68

1,2-Dibromo-3-chloropropane

Concen: 0.203 ug/L

RT: 13.229 min Scan# 3713

Delta R.T. 0.241 min

Lab File: VU063121.D

Acq: 04 Feb 2025 15:27

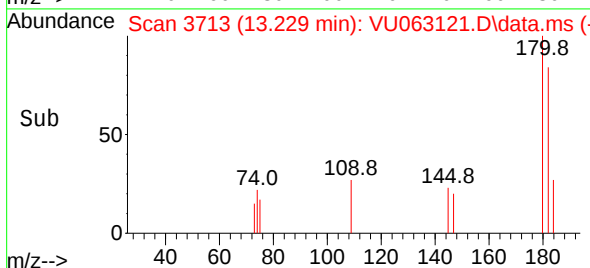
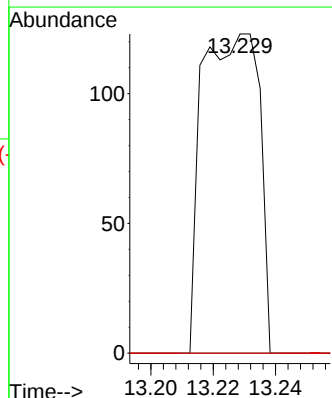
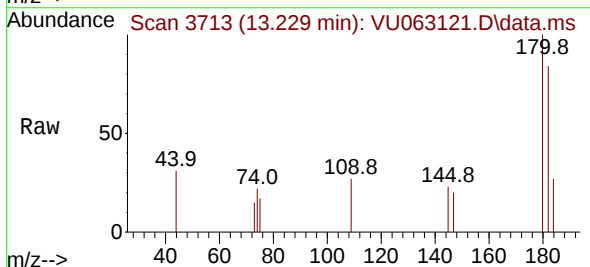
Tgt Ion: 75 Resp: 155

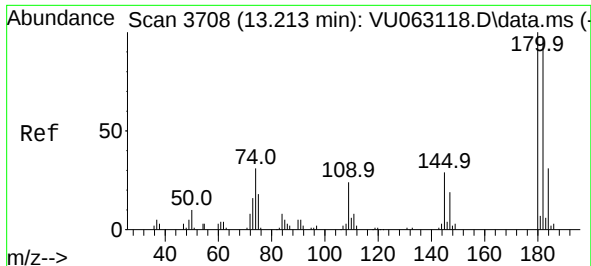
Ion Ratio Lower Upper

75 100

155 0.0 61.6 92.4#

157 0.0 77.4 116.0#





#69

1,3,5-Trichlorobenzene

Concen: 0.384 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.627 min

Lab File: VU063121.D

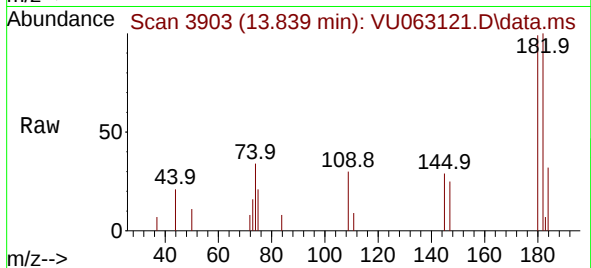
Acq: 04 Feb 2025 15:27

Instrument :

MSVOA_U

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VIBLK008



Tgt Ion:180 Resp: 2672

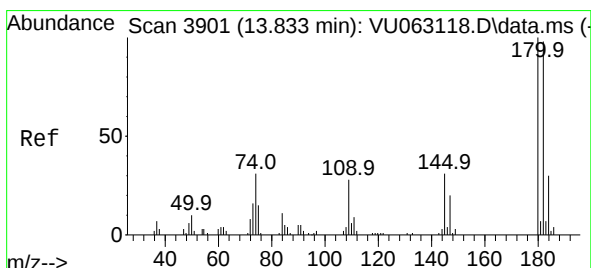
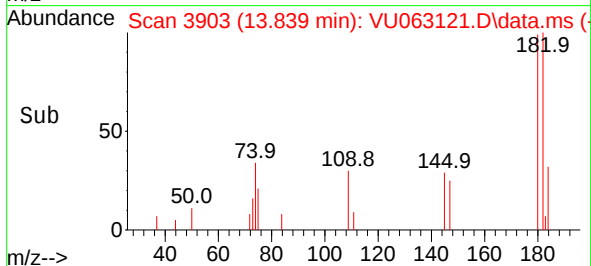
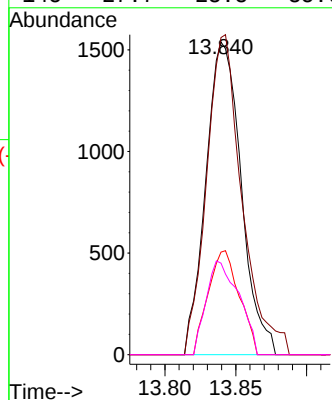
Ion Ratio Lower Upper

180 100

182 102.3 76.7 115.1

184 29.3 23.8 35.8

145 27.7 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 0.489 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU063121.D

Acq: 04 Feb 2025 15:27

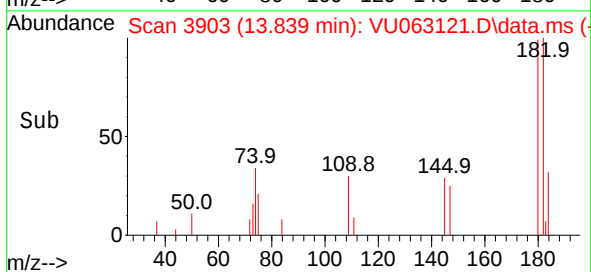
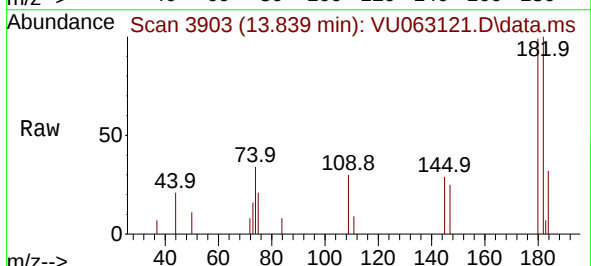
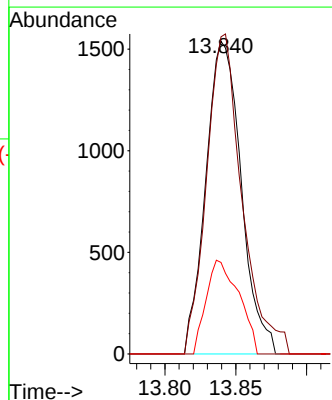
Tgt Ion:180 Resp: 2672

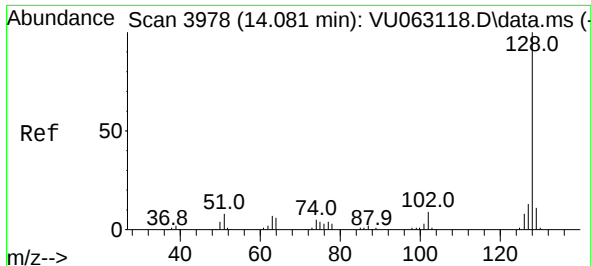
Ion Ratio Lower Upper

180 100

182 102.3 76.1 114.1

145 27.7 24.3 36.5

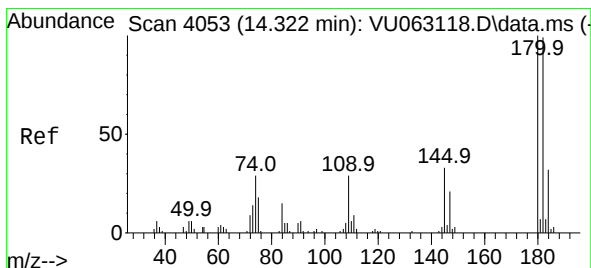
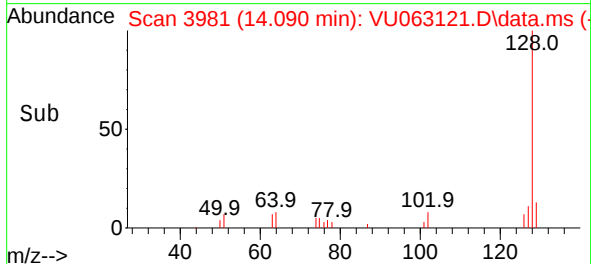
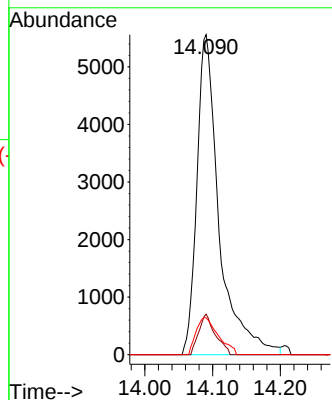
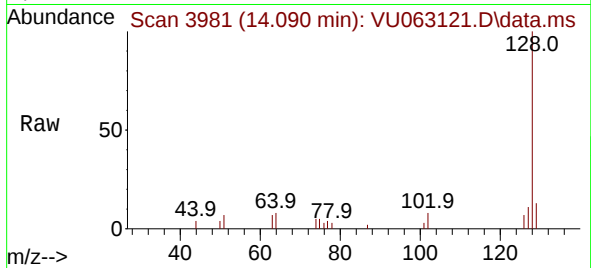




#71
Naphthalene
Concen: 1.413 ug/L
RT: 14.090 min Scan# 3978
Delta R.T. 0.010 min
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Instrument :
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VIBLK008

Tgt Ion:128 Resp: 12681
Ion Ratio Lower Upper
128 100
129 9.4 8.0 12.0
127 11.5 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 0.656 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU063121.D
Acq: 04 Feb 2025 15:27

Tgt Ion:180 Resp: 3206
Ion Ratio Lower Upper
180 100
182 95.2 78.5 117.7
145 30.7 26.1 39.1

