

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
 Data File : VU061103.D
 Acq On : 10 Oct 2024 20:49
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 06:53:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

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

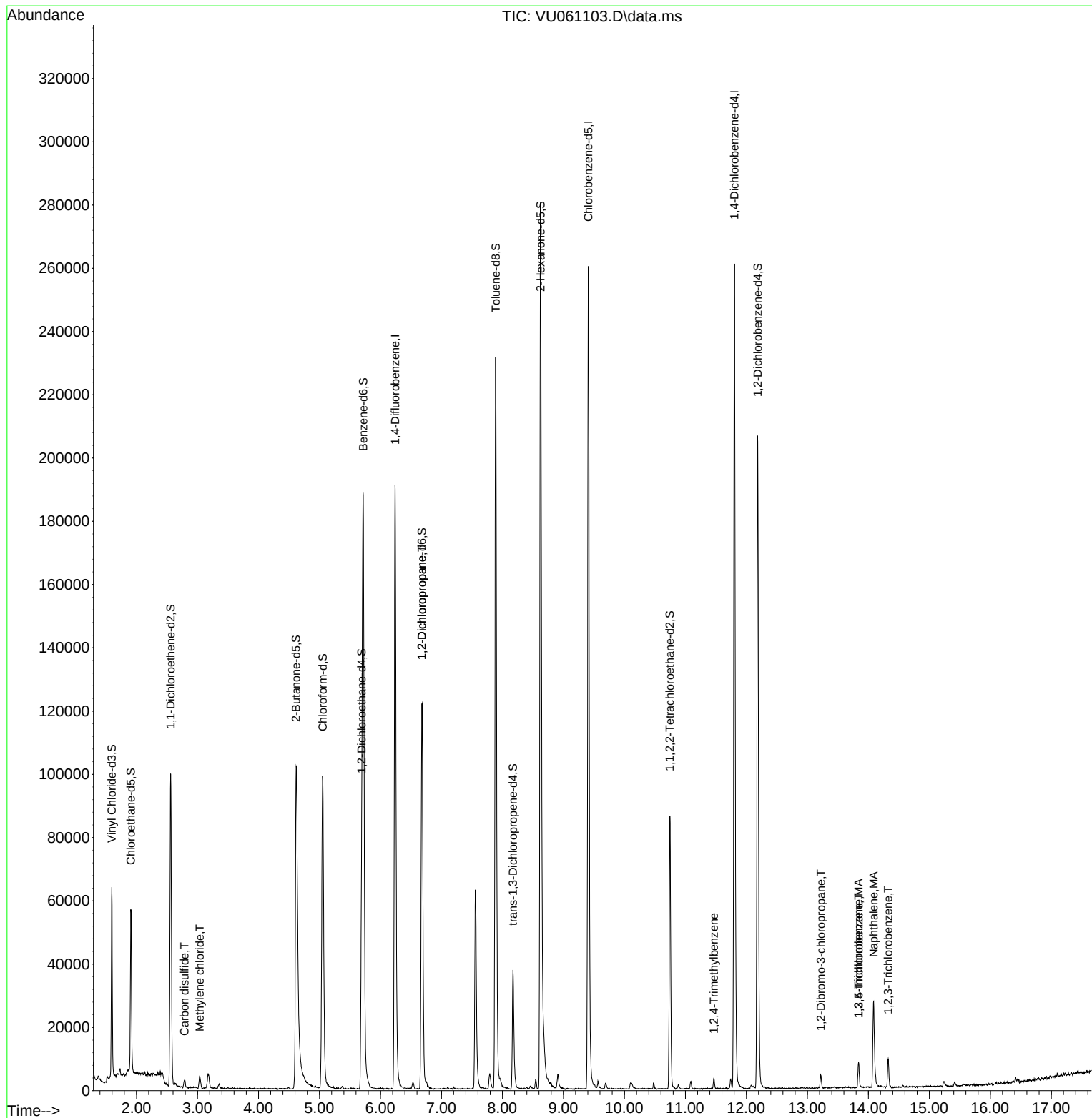
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160540	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	146580	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68754	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41404	3.607	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.907	69	36036	4.194	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.560	65	19295	3.811	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.618	46	124939	45.443	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.880%
24) Chloroform-d	5.052	84	92421	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.692	65	48016	4.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.718	84	176719	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.679	67	61037	4.809	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.891	98	157144	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.174	79	23003	4.239	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.624	63	107214	47.729	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.460%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44366	4.766	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	53718	4.886	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
14) Carbon disulfide	2.785	76	3451	0.110	ug/L	97
16) Methylene chloride	3.036	84	1756	0.165	ug/L	95
37) 1,2-Dichloropropane	6.679	63	6402	0.562	ug/L #	93
63) 1,2,4-Trimethylbenzene	11.467	105	2262	0.055	ug/L	93
68) 1,2-Dibromo-3-chloropr...	13.222	75	253	0.172	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.839	180	2761	0.199	ug/L	96
70) 1,2,4-trichlorobenzene	13.839	180	2761	0.260	ug/L	98
71) Naphthalene	14.087	128	26772	1.541	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	3005	0.340	ug/L	97

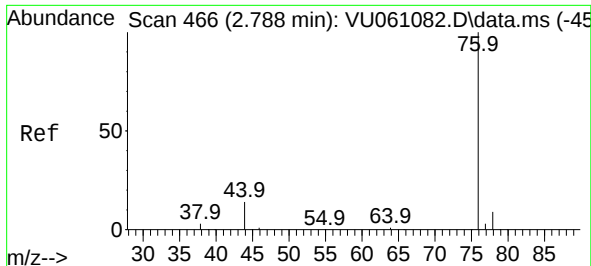
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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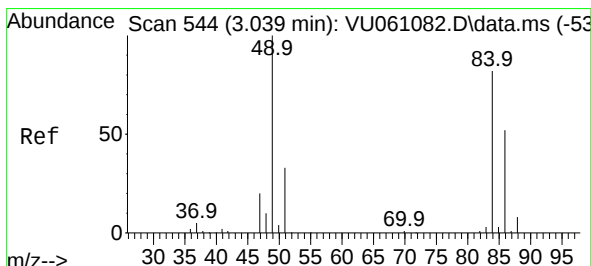
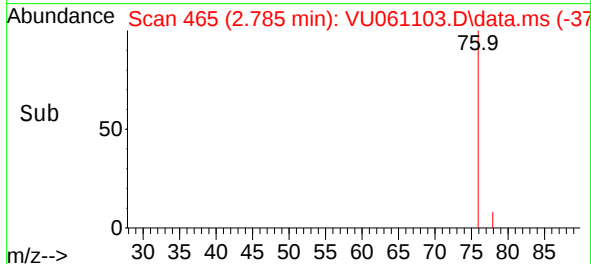
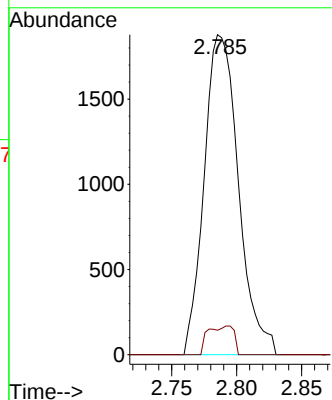
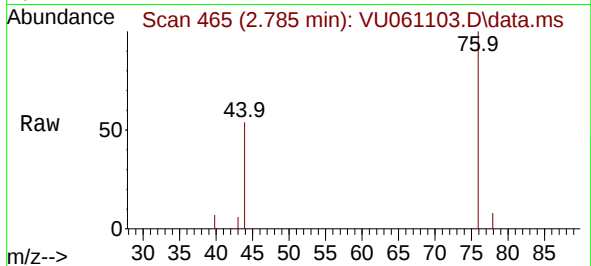




#14
Carbon disulfide
Concen: 0.110 ug/L
RT: 2.785 min Scan# 4
Delta R.T. -0.003 min
Lab File: VU061103.D
Acq: 10 Oct 2024 20:49

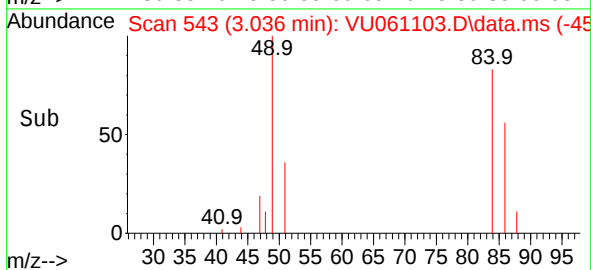
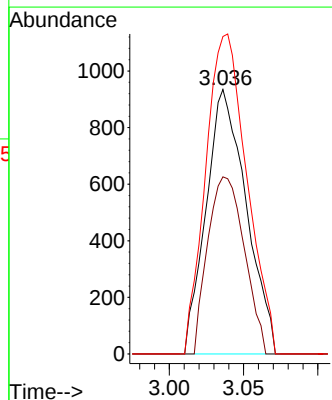
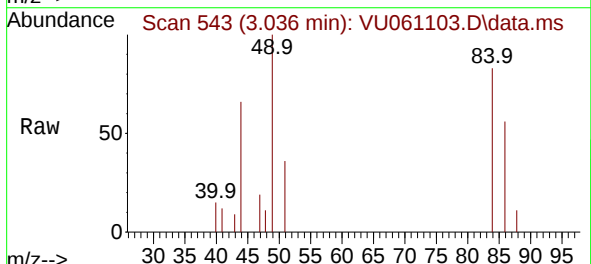
Instrument :
MSVOA_U
ClientSampleId :

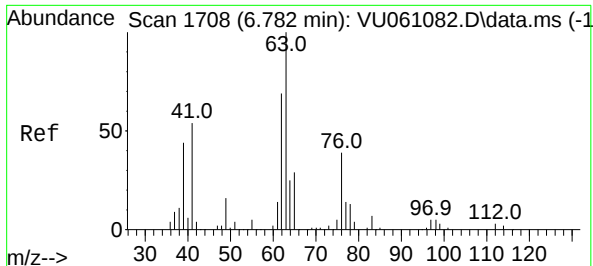
Tgt Ion: 76 Resp: 3451
Ion Ratio Lower Upper
76 100
78 7.7 7.1 10.7



#16
Methylene chloride
Concen: 0.165 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061103.D
Acq: 10 Oct 2024 20:49

Tgt Ion: 84 Resp: 1756
Ion Ratio Lower Upper
84 100
86 67.0 47.3 87.8
49 120.0 78.7 146.1

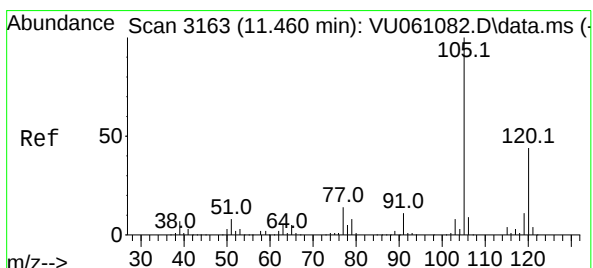
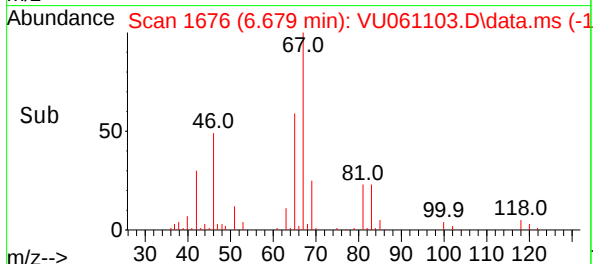
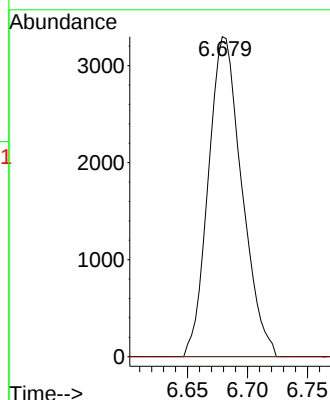
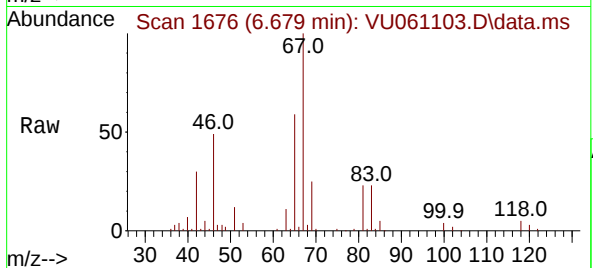




#37
1,2-Dichloropropane
Concen: 0.562 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU061103.D
Acq: 10 Oct 2024 20:49

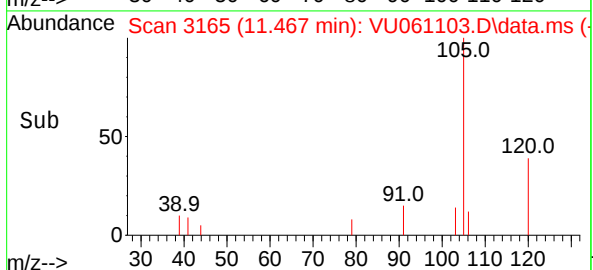
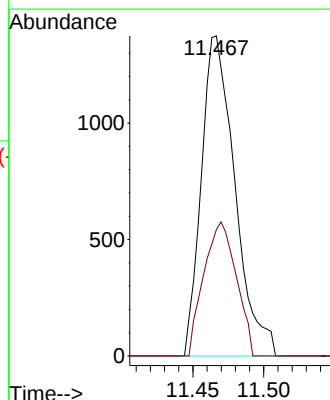
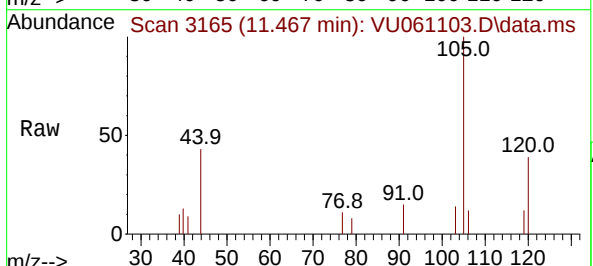
Instrument :
MSVOA_U
ClientSampleId :

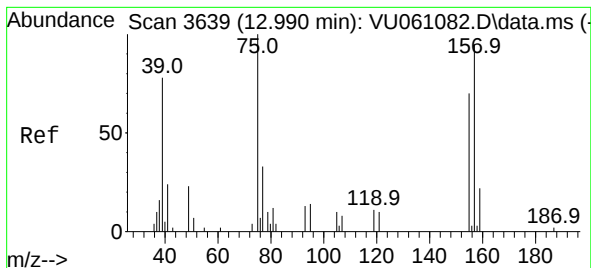
Tgt Ion: 63 Resp: 6402
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#63
1,2,4-Trimethylbenzene
Concen: 0.055 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.007 min
Lab File: VU061103.D
Acq: 10 Oct 2024 20:49

Tgt Ion:105 Resp: 2262
Ion Ratio Lower Upper
105 100
120 40.5 36.1 54.1





#68

1,2-Dibromo-3-chloropropane

Concen: 0.172 ug/L

RT: 13.222 min Scan# 31

Delta R.T. 0.232 min

Lab File: VU061103.D

Acq: 10 Oct 2024 20:49

Instrument :

MSVOA_U

ClientSampleId :

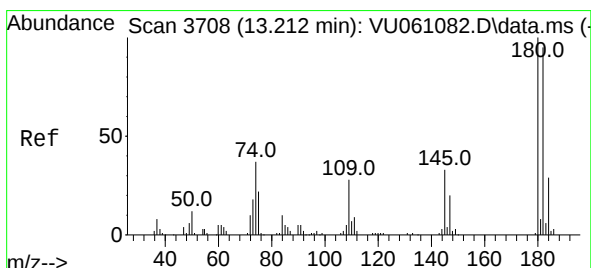
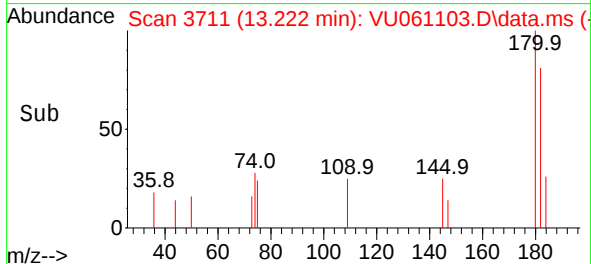
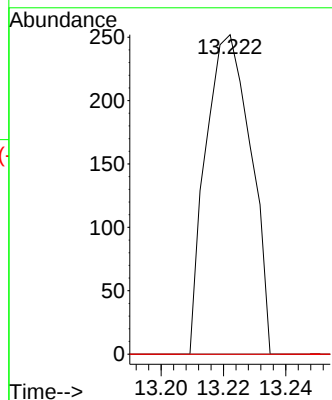
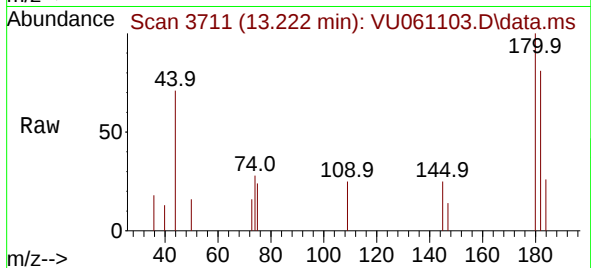
Tgt Ion: 75 Resp: 253

Ion Ratio Lower Upper

75 100

155 0.0 73.1 109.7#

157 0.0 91.0 136.4#



#69

1,3,5-Trichlorobenzene

Concen: 0.199 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.627 min

Lab File: VU061103.D

Acq: 10 Oct 2024 20:49

Tgt Ion:180 Resp: 2761

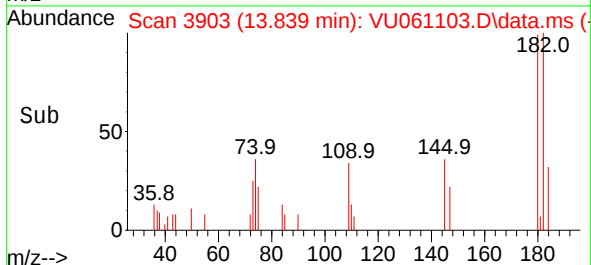
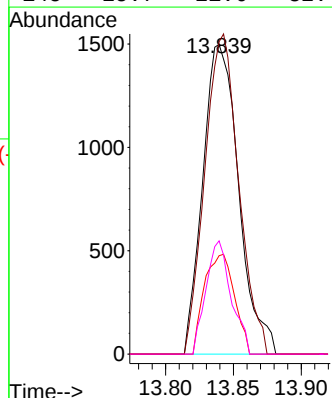
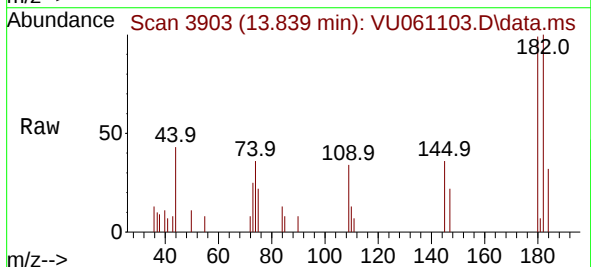
Ion Ratio Lower Upper

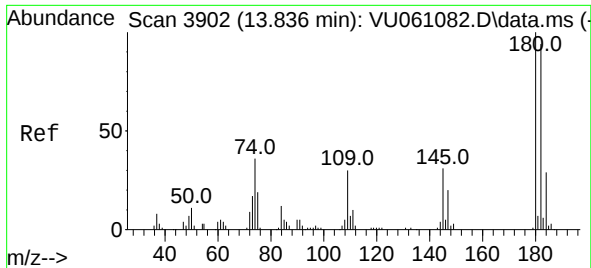
180 100

182 97.2 74.5 111.7

184 27.0 23.2 34.8

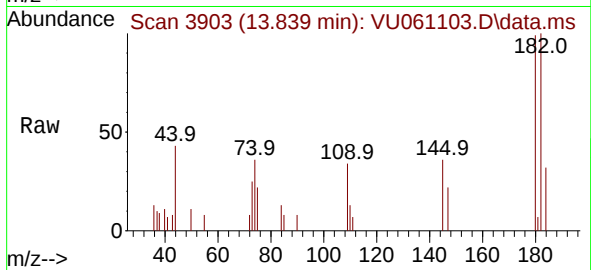
145 25.7 21.6 32.4



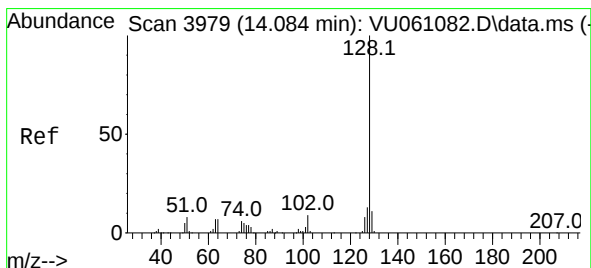
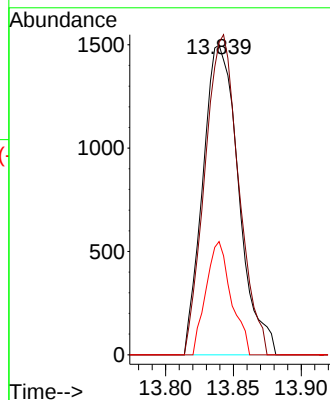
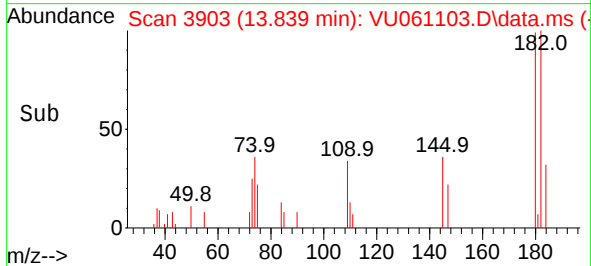


#70
1,2,4-trichlorobenzene
Concen: 0.260 ug/L
RT: 13.839 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU061103.D
Acq: 10 Oct 2024 20:49

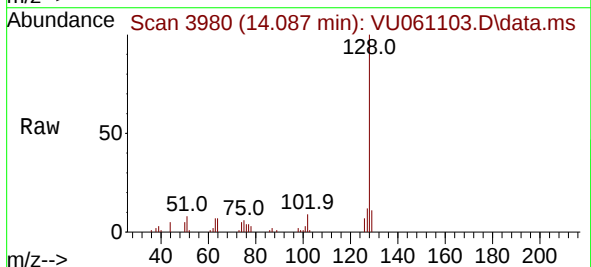
Instrument :
MSVOA_U
ClientSampleId :



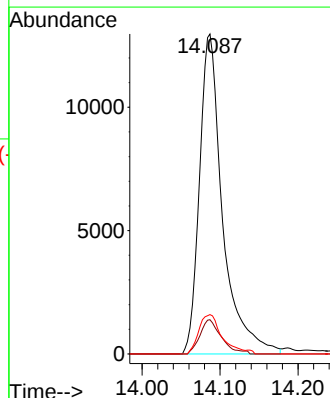
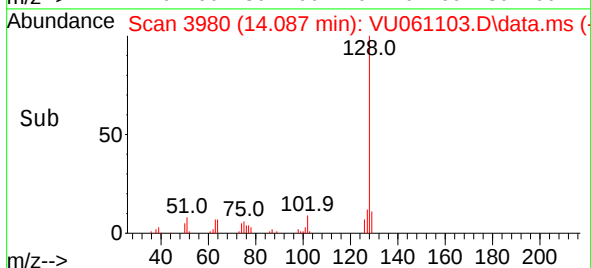
Tgt Ion:180 Resp: 2761
Ion Ratio Lower Upper
180 100
182 97.2 77.4 116.2
145 25.7 22.9 34.3

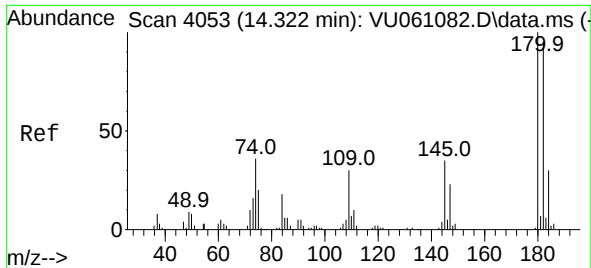


#71
Naphthalene
Concen: 1.541 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. 0.003 min
Lab File: VU061103.D
Acq: 10 Oct 2024 20:49



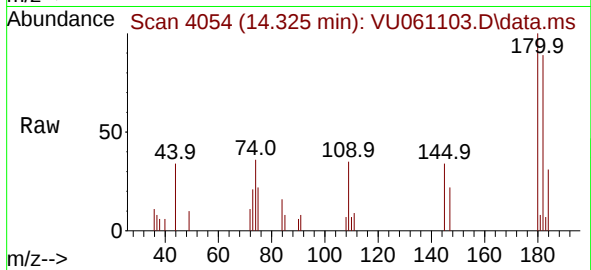
Tgt Ion:128 Resp: 26772
Ion Ratio Lower Upper
128 100
129 9.9 8.3 12.5
127 12.5 10.7 16.1





#72
1,2,3-Trichlorobenzene
Concen: 0.340 ug/L
RT: 14.325 min Scan# 4053
Delta R.T. 0.003 min
Lab File: VU061103.D
Acq: 10 Oct 2024 20:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:180 Resp: 3005
Ion Ratio Lower Upper
180 100
182 96.8 75.7 113.5
145 32.5 23.5 35.3

