

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
 Data File : VU059929.D
 Acq On : 12 Jul 2024 18:09
 Operator : MD/SY
 Sample : P3217-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 13 03:59:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 13 03:52:33 2024
 Response via : Initial Calibration

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

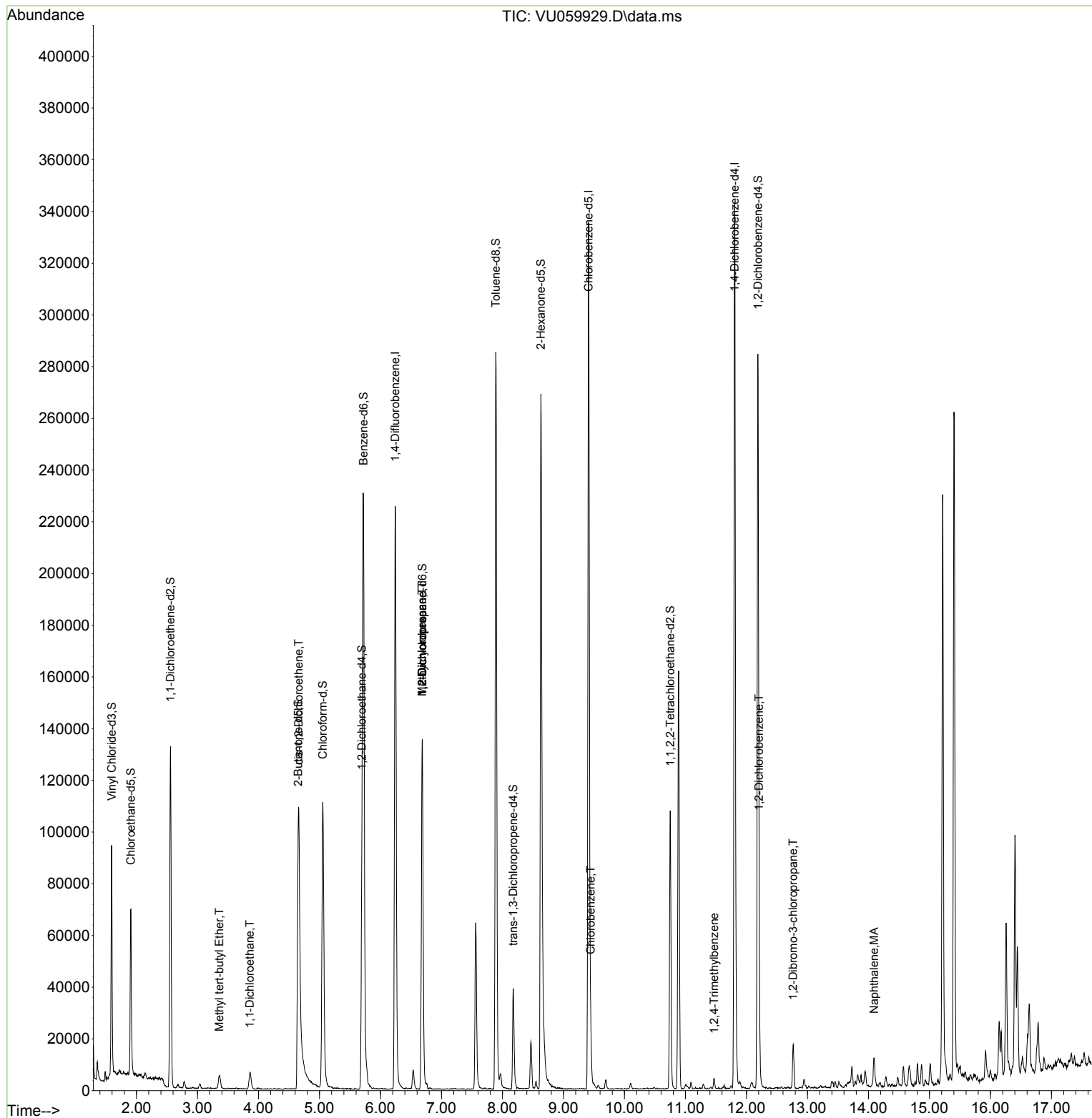
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	199104	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	199547	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	100090	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	57222	4.133	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.907	69	49072	3.684	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.557	65	24369	4.243	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.650	46	108391	38.008	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.020%
24) Chloroform-d	5.052	84	106063	3.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
26) 1,2-Dichloroethane-d4	5.695	65	55683	4.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
32) Benzene-d6	5.721	84	225494	4.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.685	67	68409	4.065	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.891	98	204324	4.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.174	79	24118	4.577	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.631	63	108107	49.375	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.760%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	56627	4.073	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	81969	4.601	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	3.358	73	5742	0.189	ug/L #	81
19) 1,1-Dichloroethane	3.859	63	8778	0.324	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	37990	2.347	ug/L	92
35) Methylcyclohexane	6.682	83	16304	0.698	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	6813	0.434	ug/L #	90
51) Chlorobenzene	9.444	112	13386	0.329	ug/L	89
63) 1,2,4-Trimethylbenzene	11.470	105	2856	0.061	ug/L	92
67) 1,2-Dichlorobenzene	12.206	146	10945	0.370	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.766	75	460	0.255	ug/L #	6
71) Naphthalene	14.090	128	10919	0.427	ug/L #	94

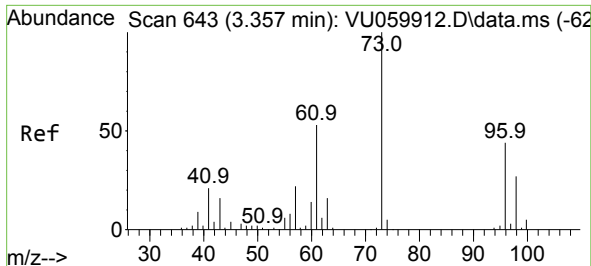
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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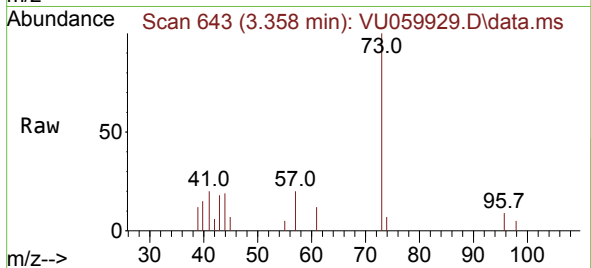
Quant Time: Jul 13 03:59:44 2024
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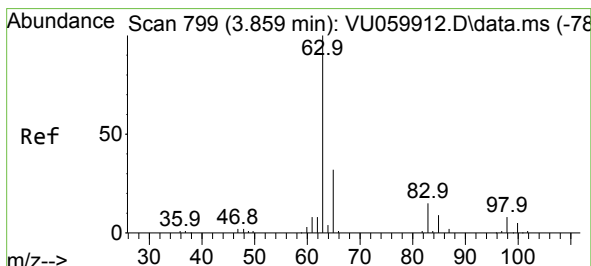
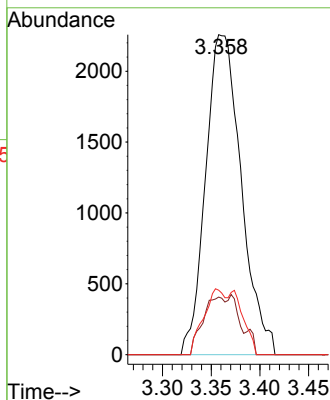
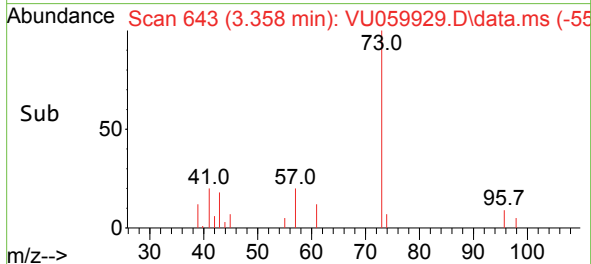


#17
Methyl tert-butyl Ether
Concen: 0.189 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU059929.D
Acq: 12 Jul 2024 18:09

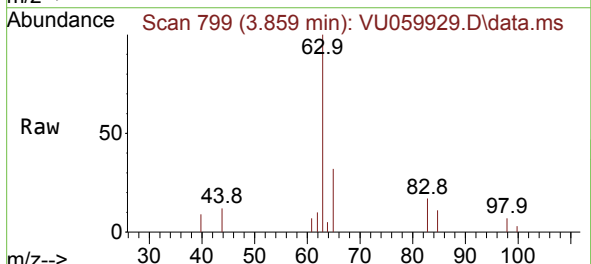
Instrument :
MSVOA_U
ClientSampleId :



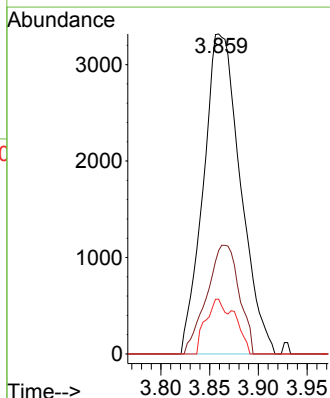
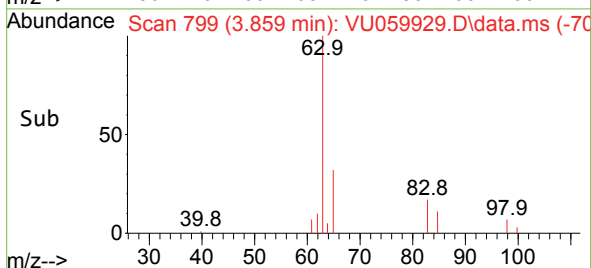
Tgt Ion: 73 Resp: 5742
Ion Ratio Lower Upper
73 100
43 11.2 14.9 22.3#
57 12.1 18.0 27.0#

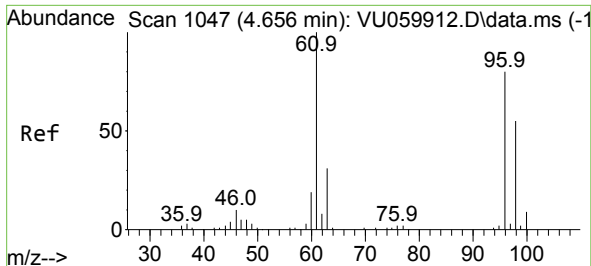


#19
1,1-Dichloroethane
Concen: 0.324 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059929.D
Acq: 12 Jul 2024 18:09



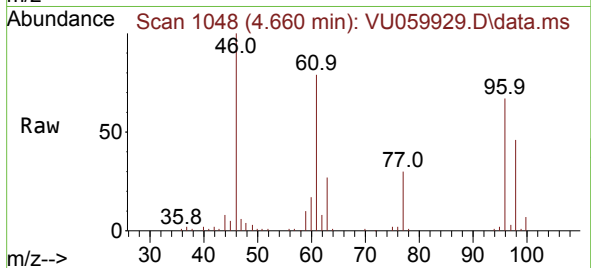
Tgt Ion: 63 Resp: 8778
Ion Ratio Lower Upper
63 100
65 30.8 21.8 40.6
83 16.3 9.9 18.5



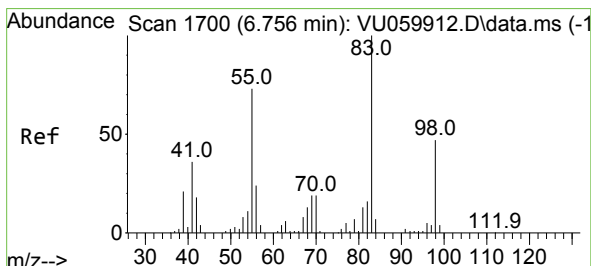
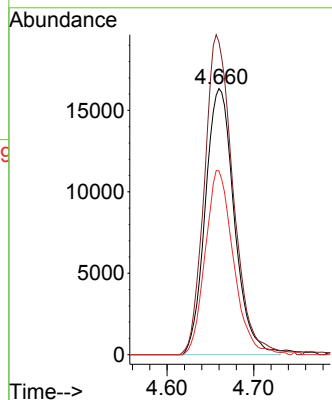
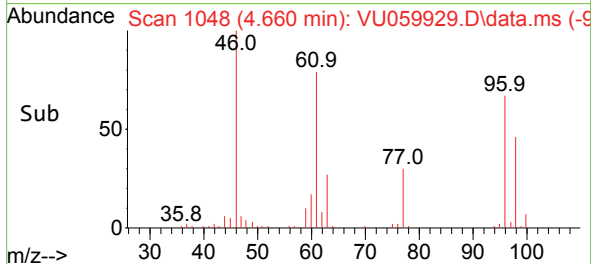


#22
 cis-1,2-Dichloroethene
 Concen: 2.347 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU059929.D
 Acq: 12 Jul 2024 18:09

Instrument :
 MSVOA_U
 ClientSampleId :

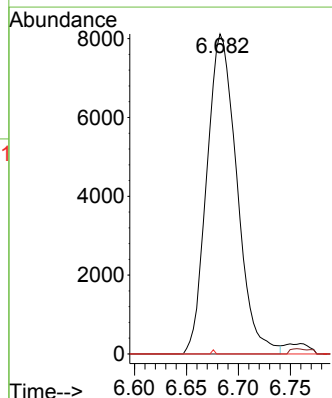
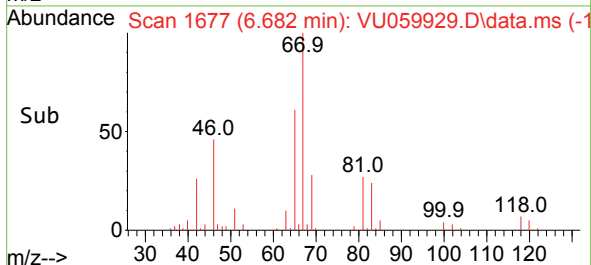
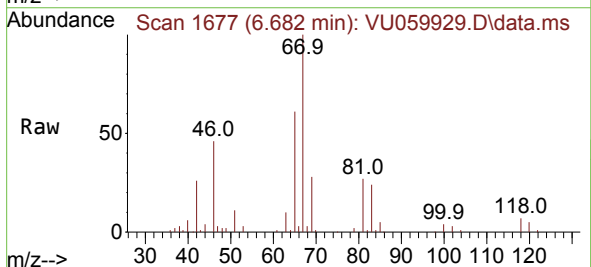


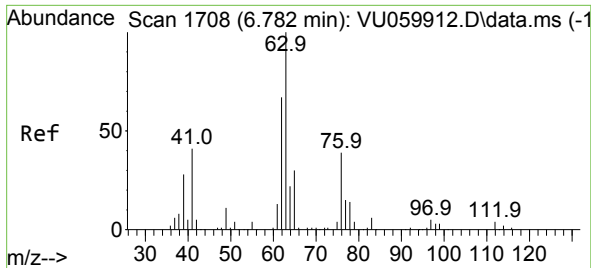
Tgt Ion: 96 Resp: 37990
 Ion Ratio Lower Upper
 96 100
 61 117.6 87.4 162.2
 98 69.1 42.3 78.5



#35
 Methylcyclohexane
 Concen: 0.698 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.074 min
 Lab File: VU059929.D
 Acq: 12 Jul 2024 18:09

Tgt Ion: 83 Resp: 16304
 Ion Ratio Lower Upper
 83 100
 55 1.1 62.7 94.1#
 98 0.1 35.4 53.0#

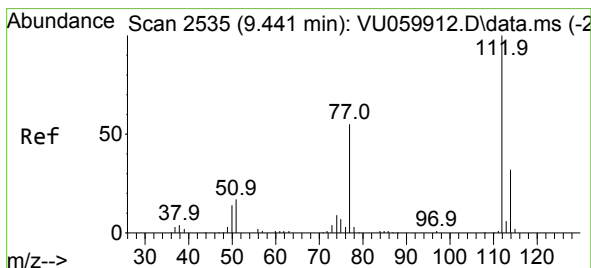
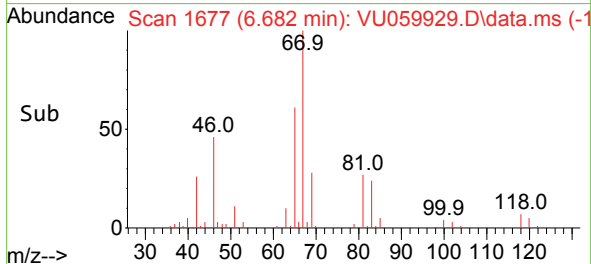
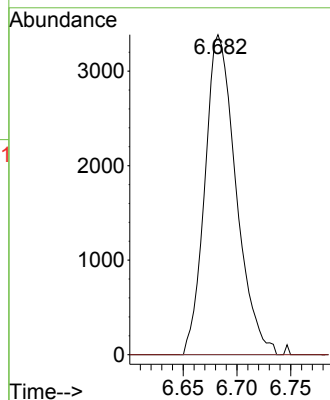
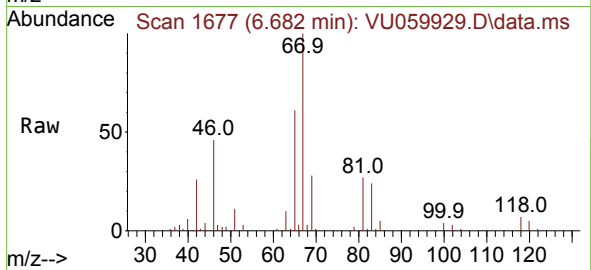




#37
1,2-Dichloropropane
Concen: 0.434 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU059929.D
Acq: 12 Jul 2024 18:09

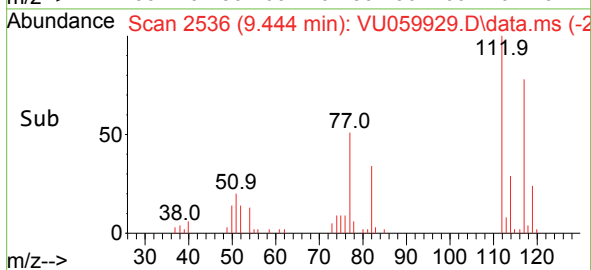
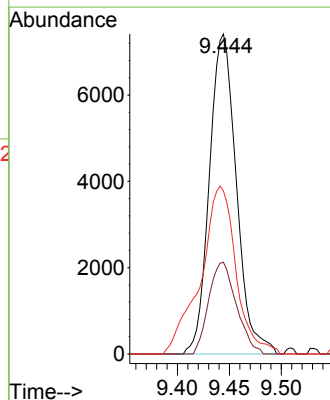
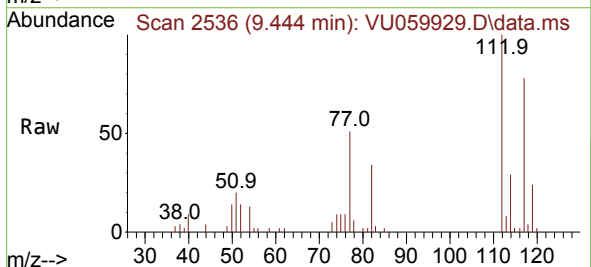
Instrument :
MSVOA_U
ClientSampleId :

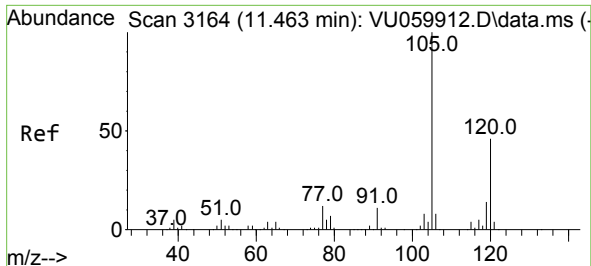
Tgt Ion: 63 Resp: 6813
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#51
Chlorobenzene
Concen: 0.329 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU059929.D
Acq: 12 Jul 2024 18:09

Tgt Ion: 112 Resp: 13386
Ion Ratio Lower Upper
112 100
114 28.6 22.4 41.6
77 51.0 49.1 73.7

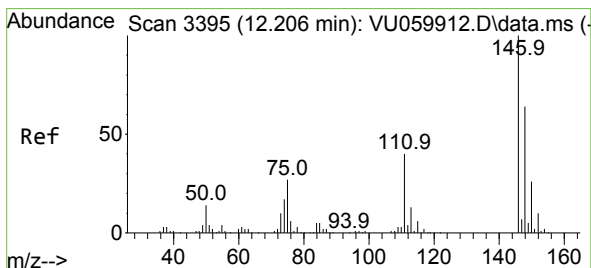
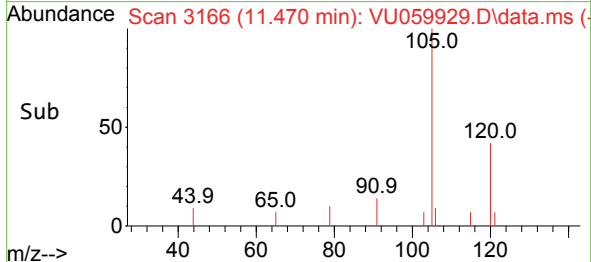
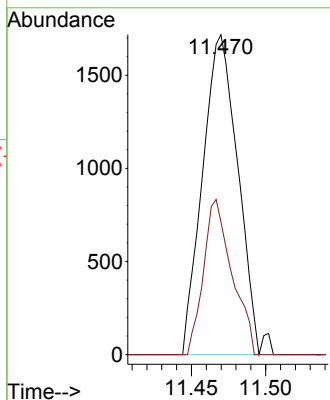
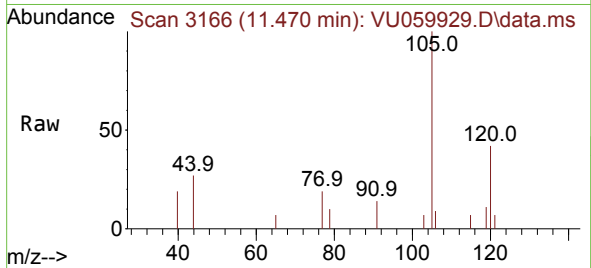




#63
1,2,4-Trimethylbenzene
Concen: 0.061 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.007 min
Lab File: VU059929.D
Acq: 12 Jul 2024 18:09

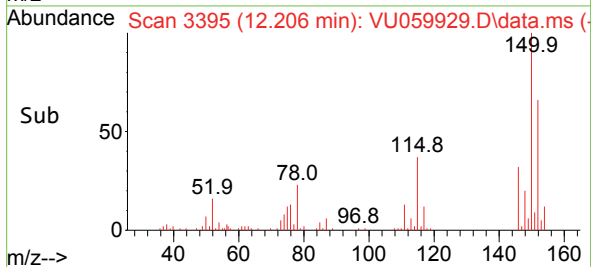
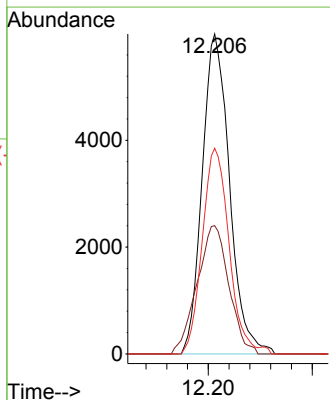
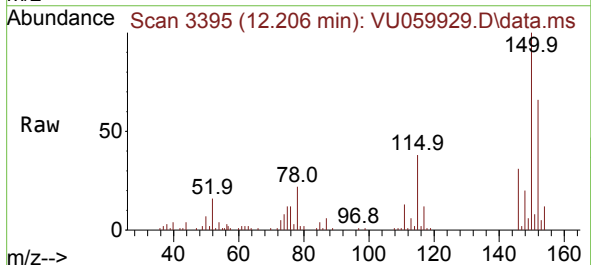
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MSVOA_U
ClientSampleId :

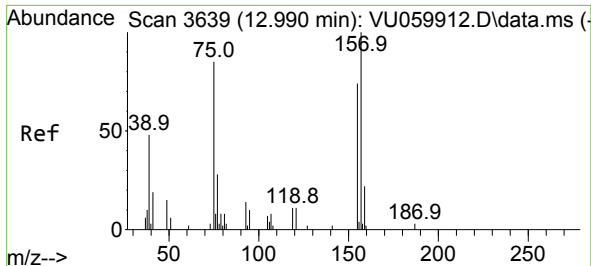
Tgt Ion:105 Resp: 2856
Ion Ratio Lower Upper
105 100
120 39.0 35.4 53.0



#67
1,2-Dichlorobenzene
Concen: 0.370 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU059929.D
Acq: 12 Jul 2024 18:09

Tgt Ion:146 Resp: 10945
Ion Ratio Lower Upper
146 100
111 40.1 33.4 50.0
148 64.3 49.7 74.5





#68

1,2-Dibromo-3-chloropropane

Concen: 0.255 ug/L

RT: 12.766 min Scan# 3569

Delta R.T. -0.225 min

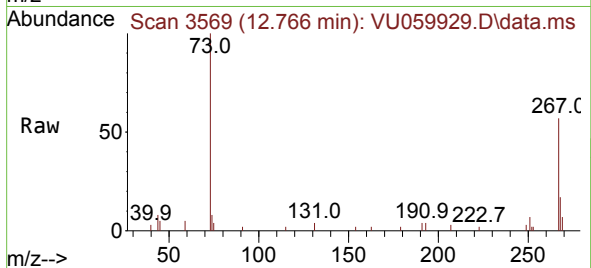
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Instrument :

MSVOA_U

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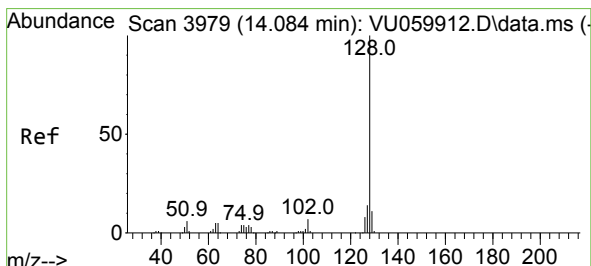
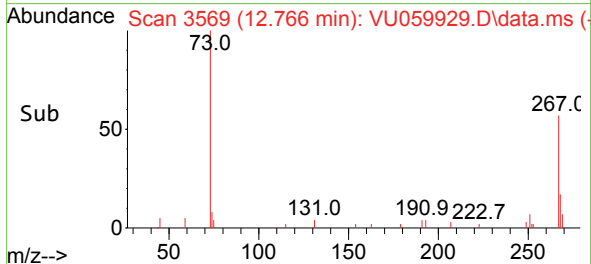
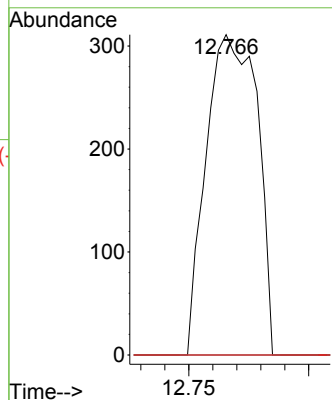
Tgt Ion: 75 Resp: 460

Ion Ratio Lower Upper

75 100

155 0.0 58.2 87.2#

157 0.0 80.0 120.0#



#71

Naphthalene

Concen: 0.427 ug/L

RT: 14.090 min Scan# 3981

Delta R.T. 0.007 min

Lab File: VU059929.D

Acq: 12 Jul 2024 18:09

Tgt Ion: 128 Resp: 10919

Ion Ratio Lower Upper

128 100

129 13.3 8.2 12.4#

127 14.3 10.2 15.4

