

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 :
 YDZK3

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)

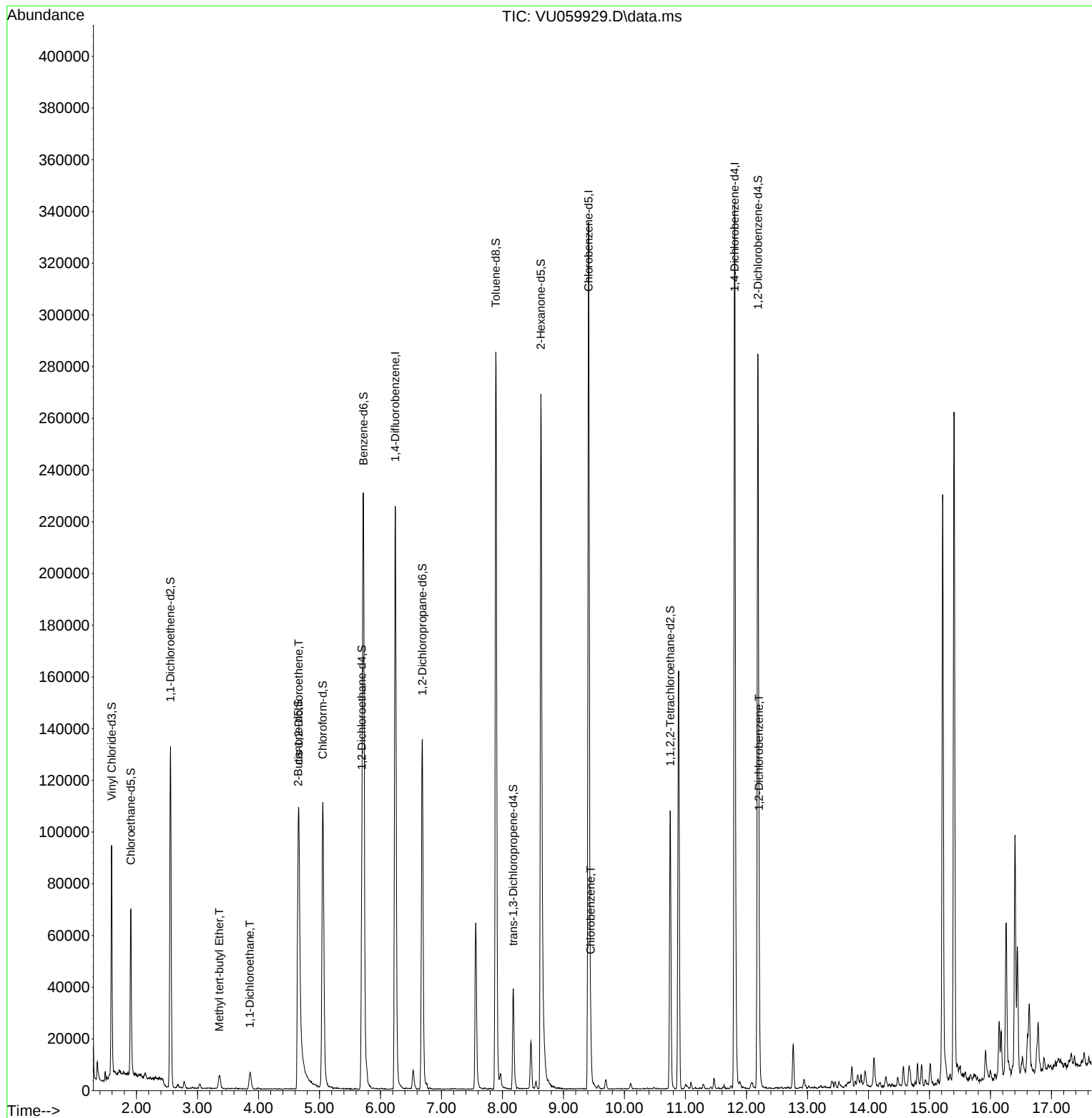
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	199104	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	199547	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	100090	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	57222	4.133	ug/L	0.00
Spiked Amount	5.000	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
51) Chlorobenzene	9.444	112	13386	0.329	ug/L	89
67) 1,2-Dichlorobenzene	12.206	146	10945	0.370	ug/L	97

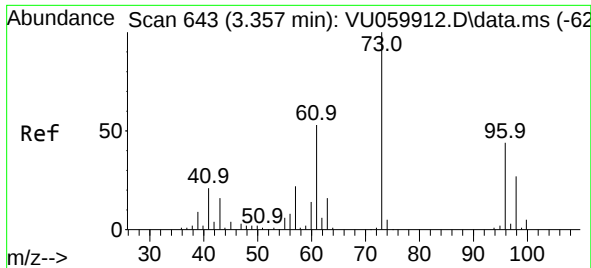
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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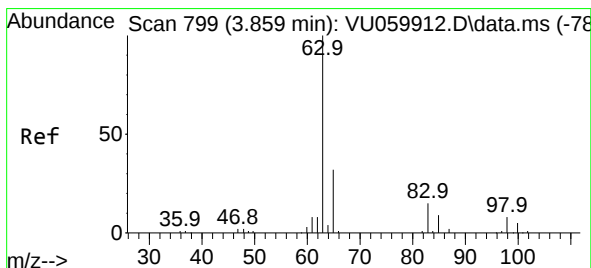
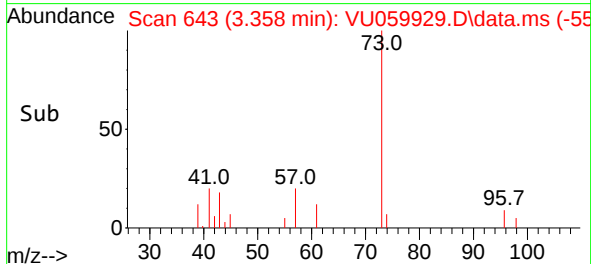
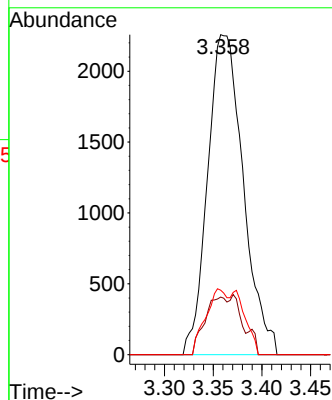
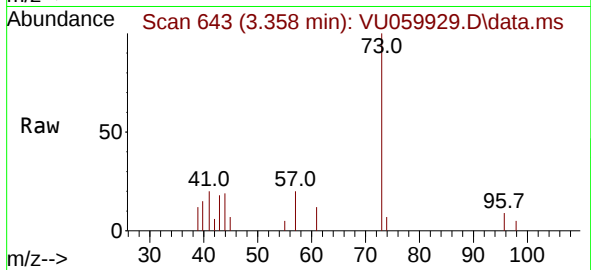




#17
Methyl tert-butyl Ether
Concen: 0.189 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU059929.D
Acq: 12 Jul 2024 18:09

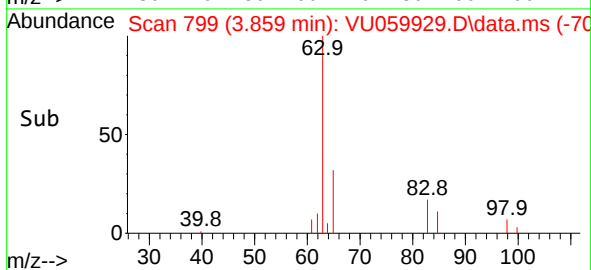
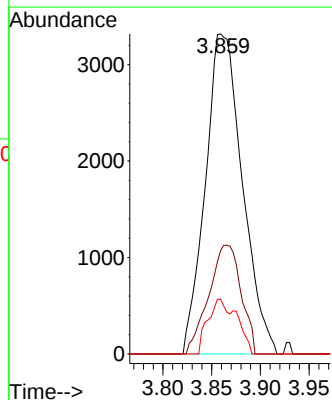
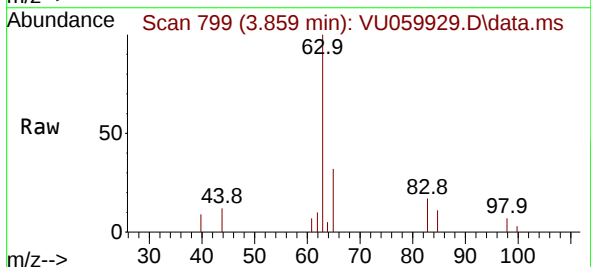
Instrument :
MSVOA_U
ClientSampleId :
YDZK3

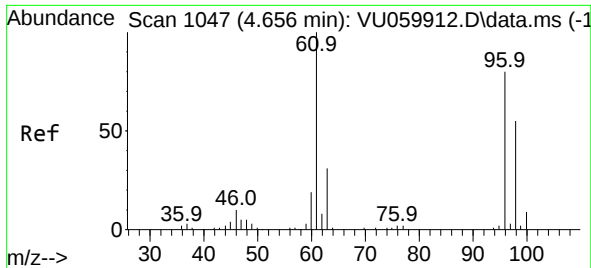
Tgt Ion: 73 Resp: 5742
Ion Ratio Lower Upper
73 100
43 11.2 14.9 22.3#
57 12.1 18.0 27.0#



#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

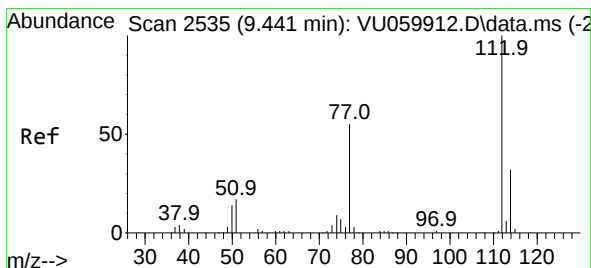
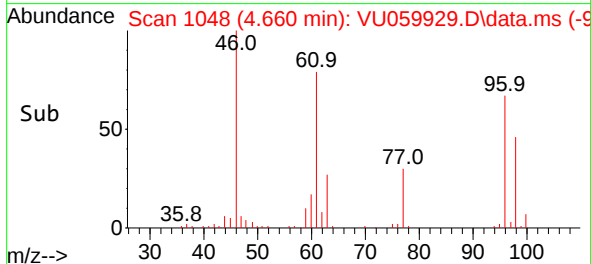
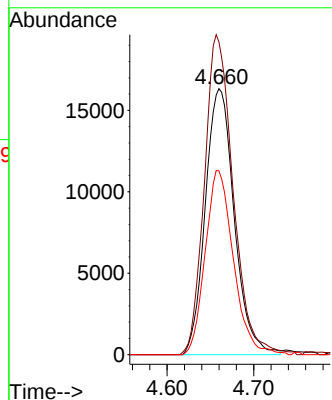
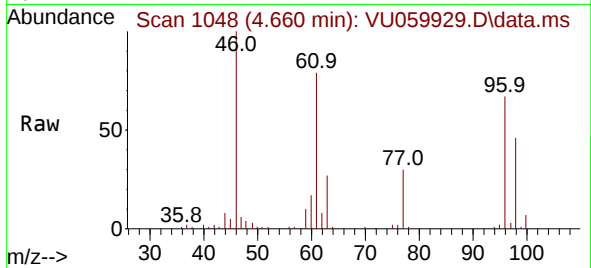




#22
 cis-1,2-Dichloroethene
 Concen: 2.347 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU059929.D
 Acq: 12 Jul 2024 18:09

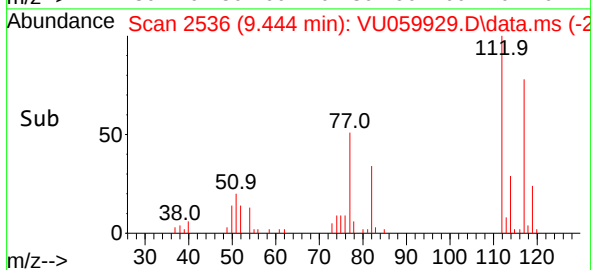
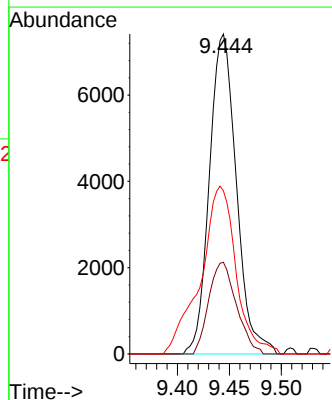
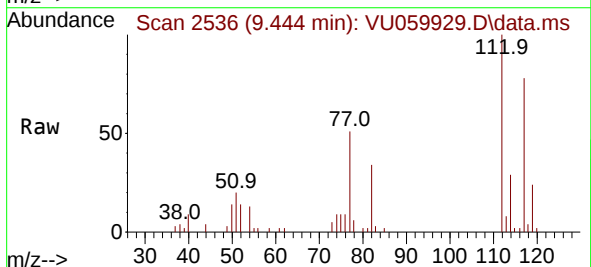
Instrument :
 MSVOA_U
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 YDZK3

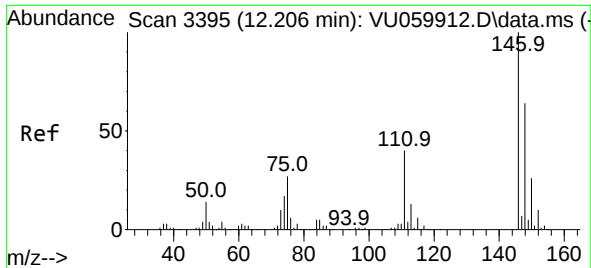
Tgt Ion:	96	Resp:	37990
Ion	Ratio	Lower	Upper
96	100		
61	117.6	87.4	162.2
98	69.1	42.3	78.5



#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

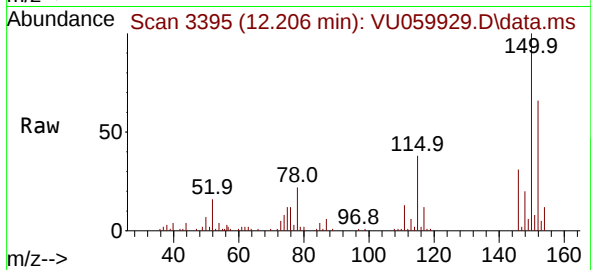
Tgt Ion:	112	Resp:	13386
Ion	Ratio	Lower	Upper
112	100		
114	28.6	22.4	41.6
77	51.0	49.1	73.7





#67
1,2-Dichlorobenzene
Concen: 0.370 ug/L
RT: 12.206 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059929.D
Acq: 12 Jul 2024 18:09

Instrument :
MSVOA_U
ClientSampleId :
YDZK3



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

