

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060949.D
 Acq On : 20 Sep 2024 17:38
 Operator : MD/SY
 Sample : P3987-07DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8P7DL

Quant Time: Sep 21 01:43:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

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

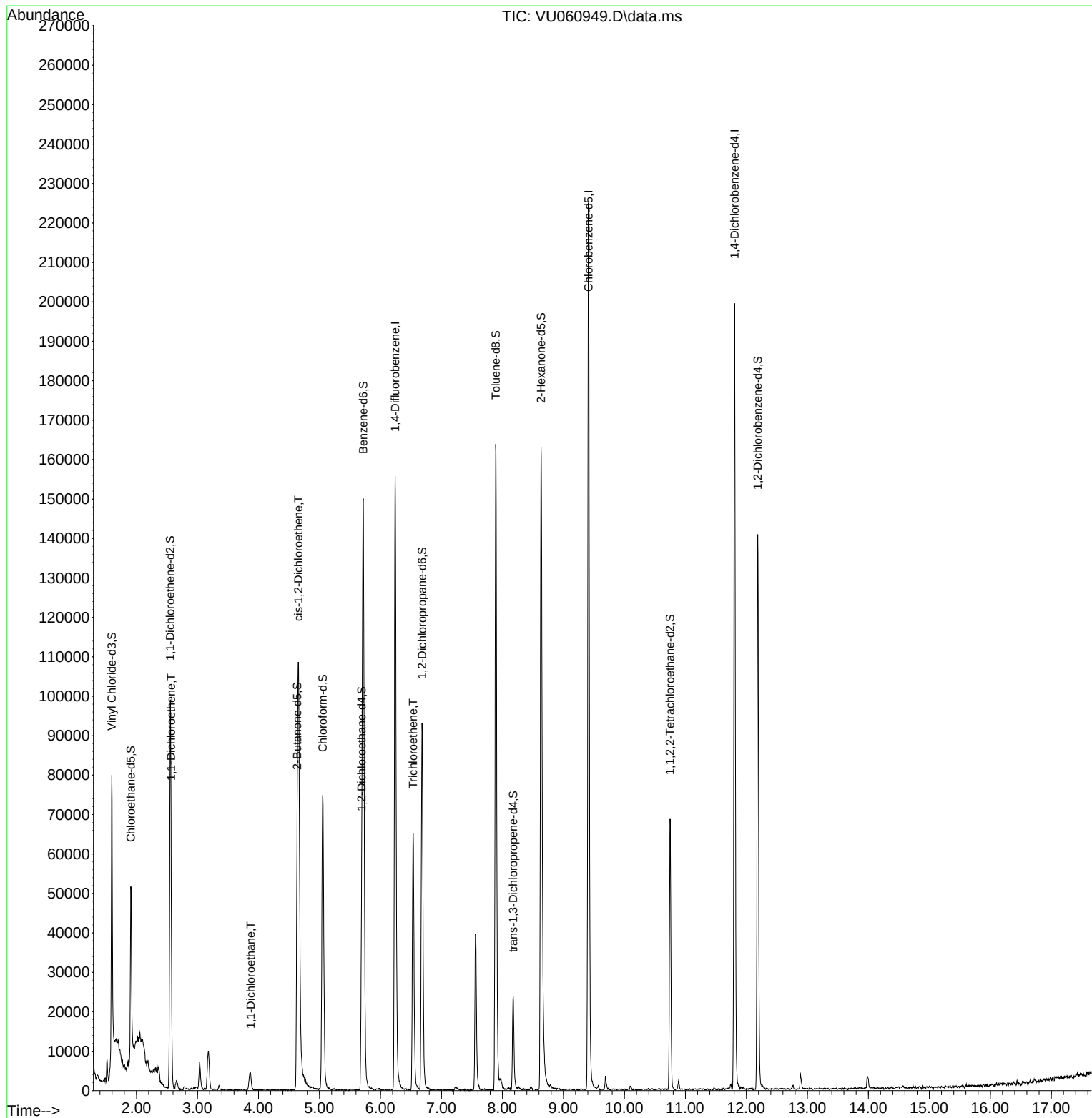
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	131498	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133890	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46862	3.962	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.907	69	36614	4.348	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.554	65	17477	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.634	46	76410	40.243	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.480%
24) Chloroform-d	5.052	84	74255	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.692	65	36755	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.718	84	142512	3.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.682	67	46649	4.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.891	98	118367	3.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.177	79	15598	3.903	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.634	63	62910	39.903	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.800%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	36815	4.232	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	41050	4.278	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.567	96	5691	0.688	ug/L #	1
19) 1,1-Dichloroethane	3.872	63	6287	0.365	ug/L #	84
22) cis-1,2-Dichloroethene	4.657	96	43896	4.627	ug/L	100
34) Trichloroethene	6.537	95	24221	2.510	ug/L	96

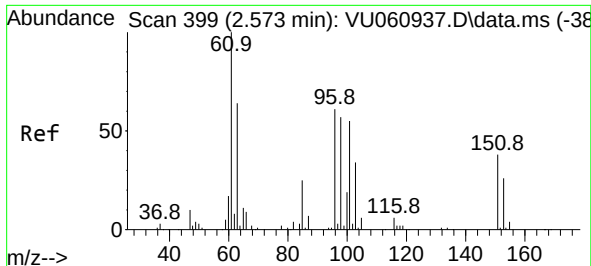
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.688 ug/L

RT: 2.567 min Scan# 399

Delta R.T. -0.006 min

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Instrument :

MSVOA_U

ClientSampleId :

BH8P7DL

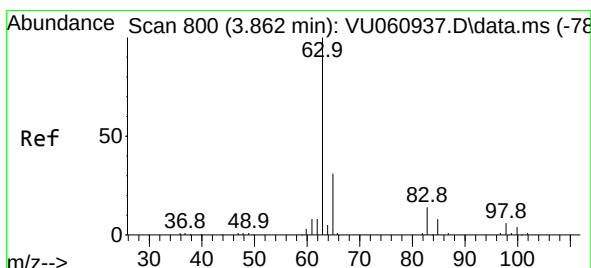
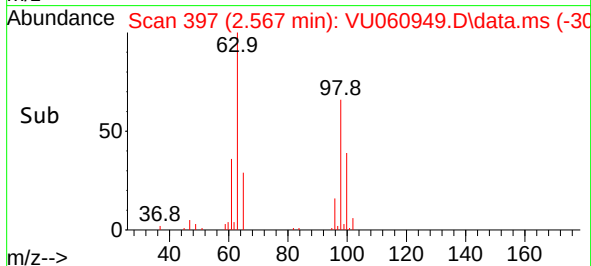
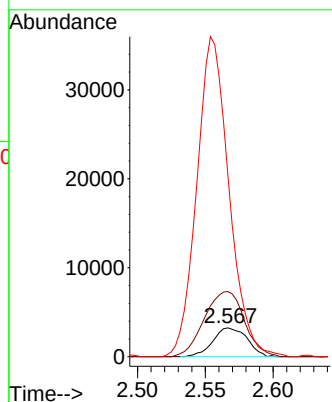
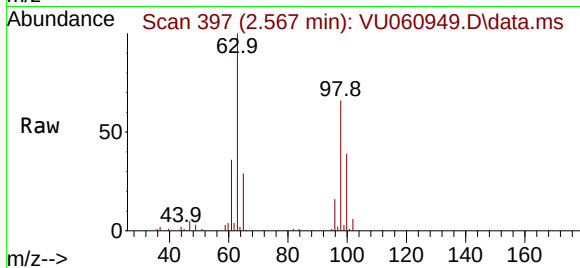
Tgt Ion: 96 Resp: 5691

Ion Ratio Lower Upper

96 100

61 226.5 120.7 224.1#

63 632.4 90.0 167.2#



#19

1,1-Dichloroethane

Concen: 0.365 ug/L

RT: 3.872 min Scan# 803

Delta R.T. 0.010 min

Lab File: VU060949.D

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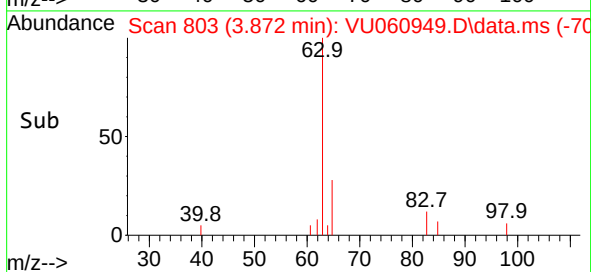
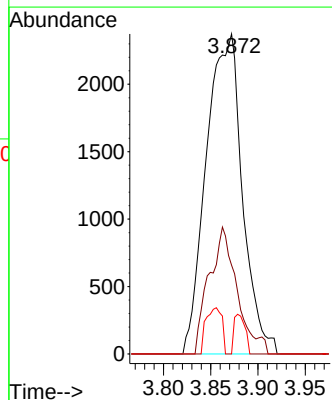
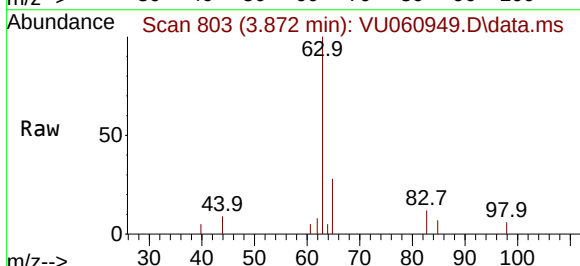
Tgt Ion: 63 Resp: 6287

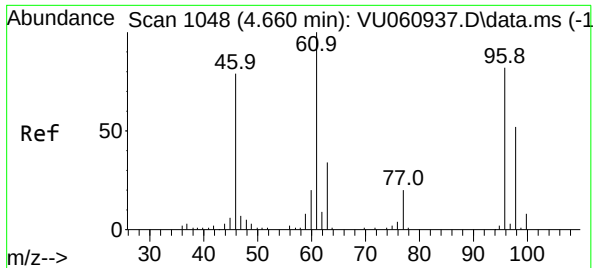
Ion Ratio Lower Upper

63 100

65 27.8 23.0 42.8

83 0.0 9.0 16.6#

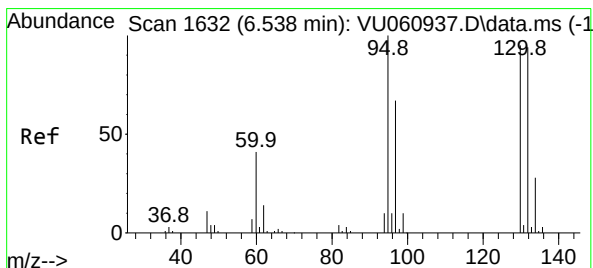
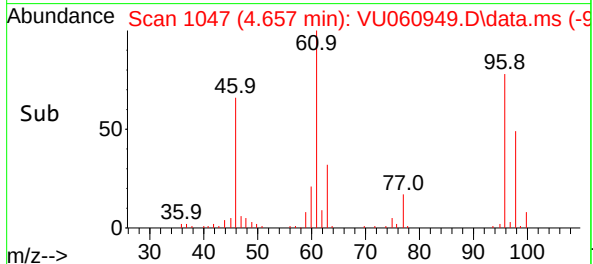
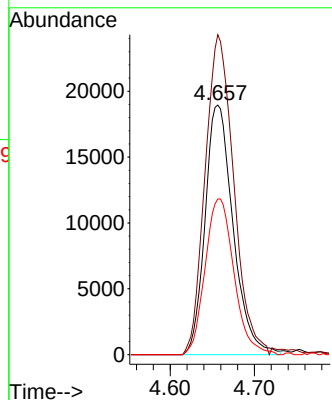
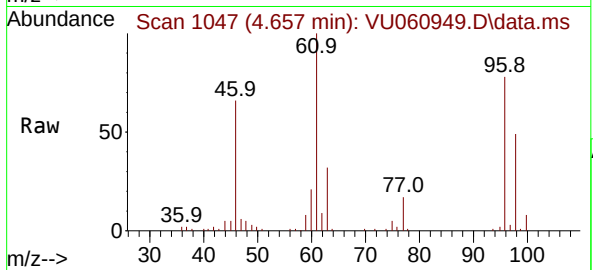




#22
 cis-1,2-Dichloroethene
 Concen: 4.627 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
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 ClientSampleId :
 BH8P7DL

Tgt Ion: 96 Resp: 43896
 Ion Ratio Lower Upper
 96 100
 61 128.2 89.7 166.5
 98 63.8 45.1 83.9



#34
 Trichloroethene
 Concen: 2.510 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU060949.D
 Acq: 20 Sep 2024 17:38

Tgt Ion: 95 Resp: 24221
 Ion Ratio Lower Upper
 95 100
 97 65.2 44.9 83.5
 132 94.2 63.5 117.9
 130 94.8 70.2 130.4

