

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012924\
 Data File : VU057710.D
 Acq On : 29 Jan 2024 12:29
 Operator : MD/SY
 Sample : P1239-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 30 00:32:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 00:30:52 2024
 Response via : Initial Calibration

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

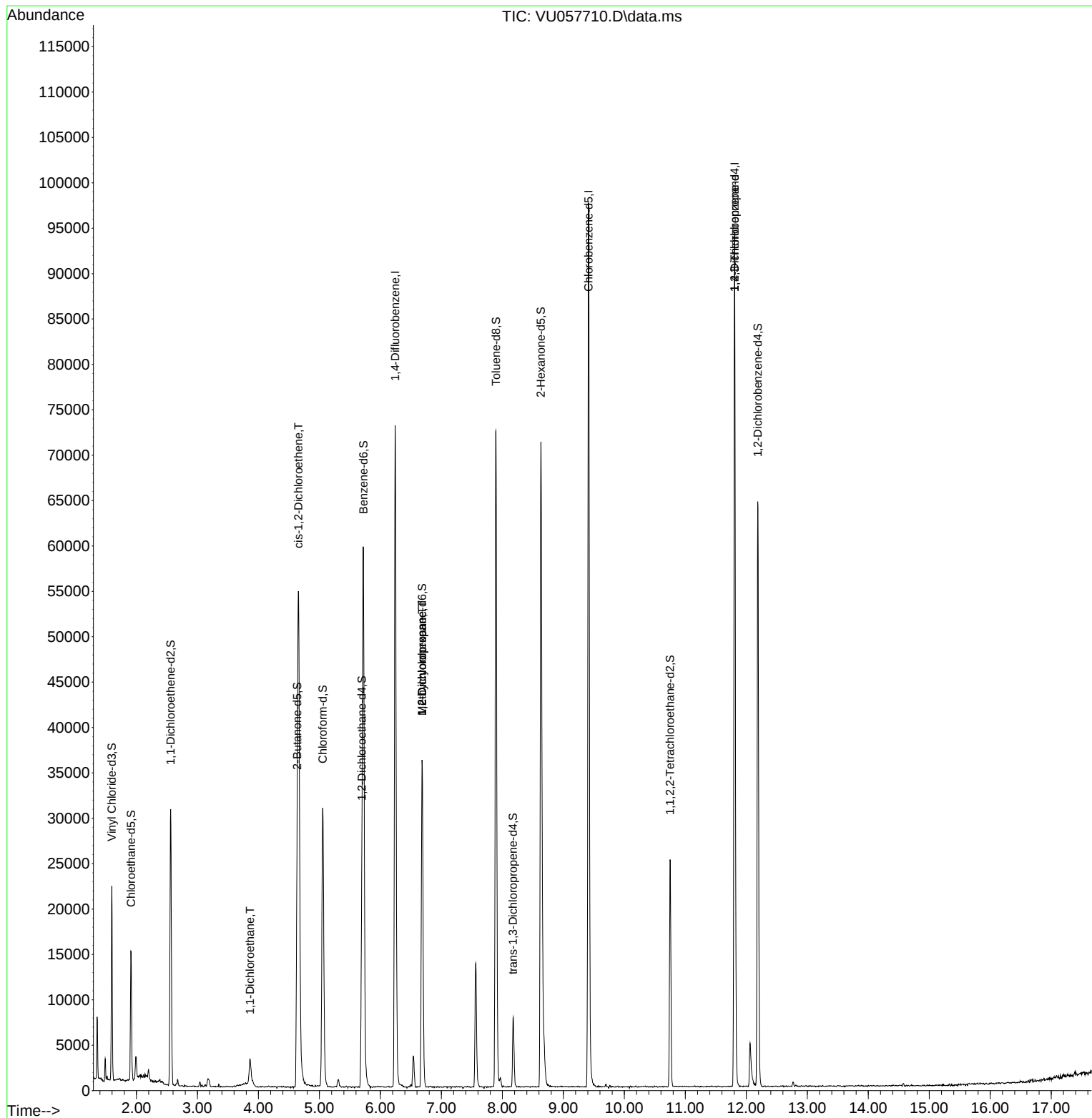
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	59487	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	54231	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	24528	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	11377	3.471	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.911	69	10755	3.916	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.560	65	5806	3.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	4.634	46	32522	52.598	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.200%
24) Chloroform-d	5.055	84	28909	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.695	65	14565	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.721	84	55452	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.682	67	17680	4.608	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.894	98	49857	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.174	79	5004	3.272	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.400%
46) 2-Hexanone-d5	8.631	63	23499	48.164	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.320%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	12457	4.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	16764	4.870	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.862	63	3381	0.402	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	23638	4.829	ug/L	99
35) Methylcyclohexane	6.682	83	4026	0.486	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	1936	0.416	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	3080	1.251	ug/L #	66

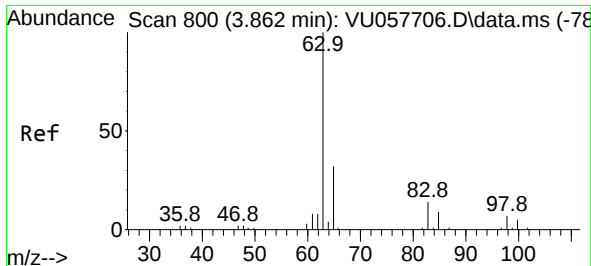
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.402 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

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MSVOA_U

ClientSampleId :

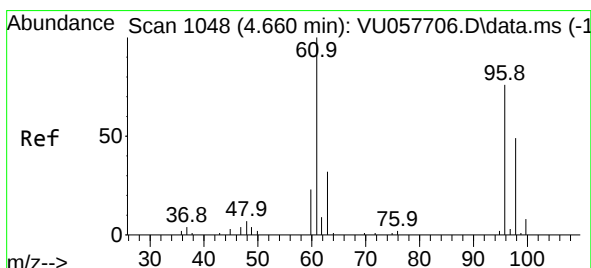
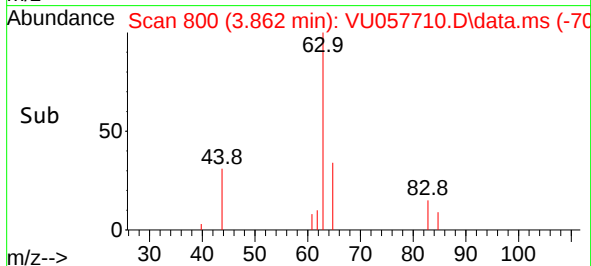
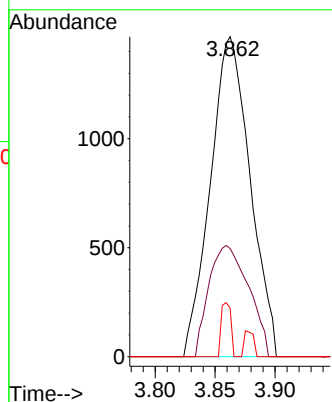
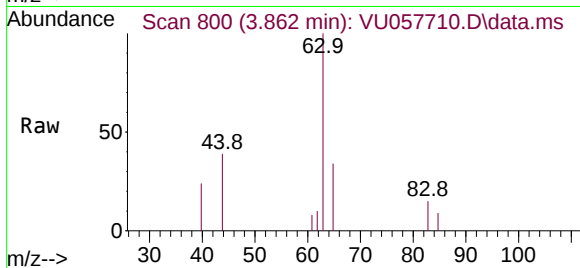
Tgt Ion: 63 Resp: 3381

Ion Ratio Lower Upper

63 100

65 33.8 23.0 42.8

83 15.2 9.7 17.9



#22

cis-1,2-Dichloroethene

Concen: 4.829 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

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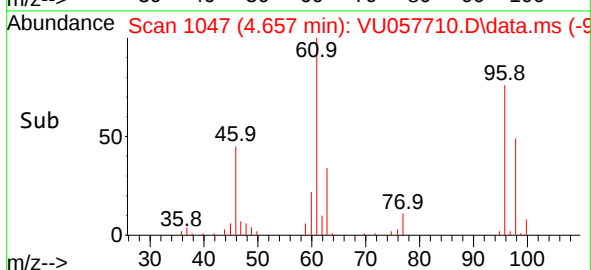
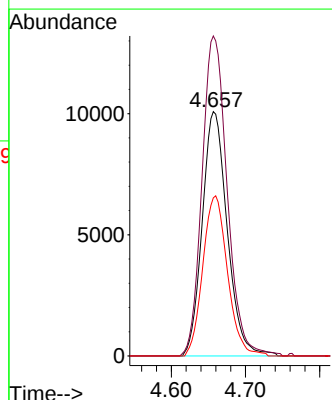
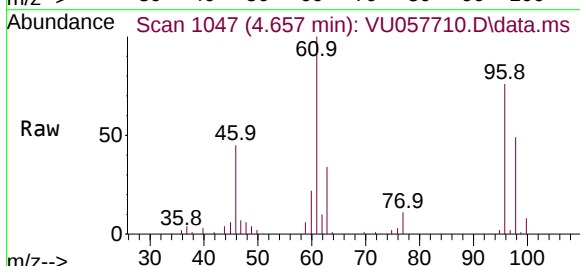
Tgt Ion: 96 Resp: 23638

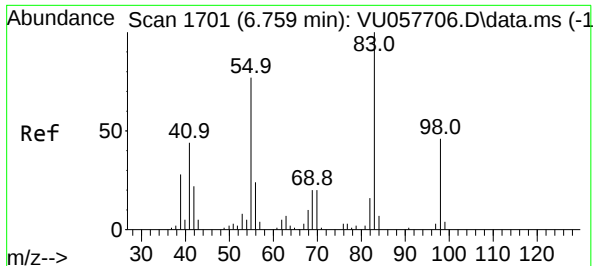
Ion Ratio Lower Upper

96 100

61 131.0 92.7 172.1

98 64.7 44.9 83.5

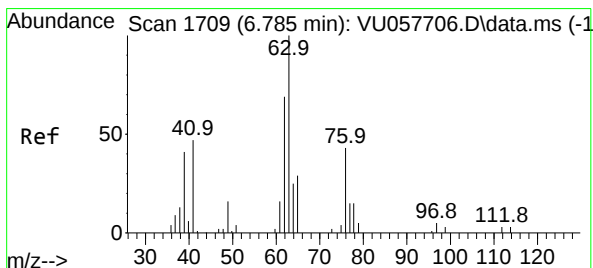
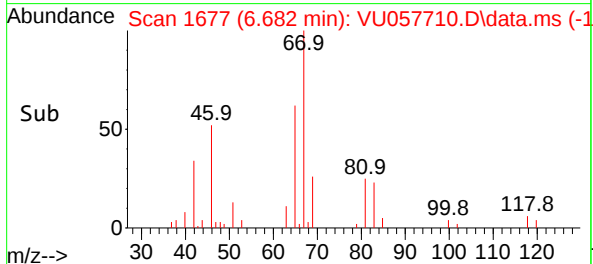
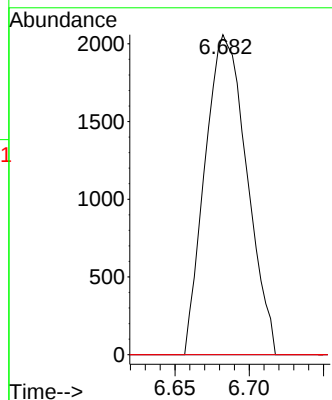
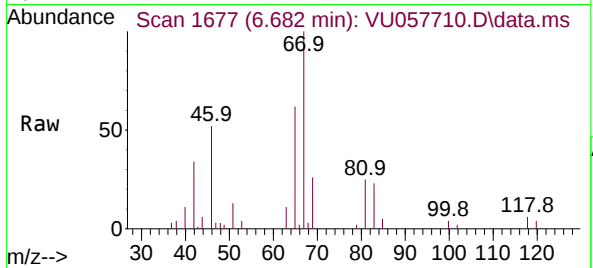




#35
Methylcyclohexane
Concen: 0.486 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057710.D
Acq: 29 Jan 2024 12:29

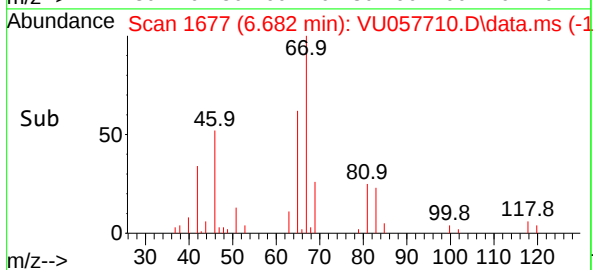
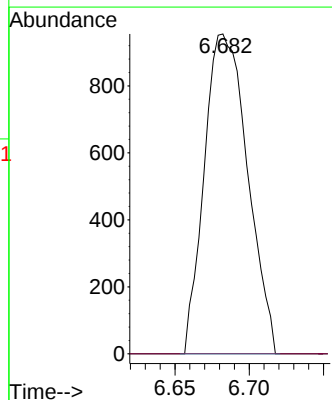
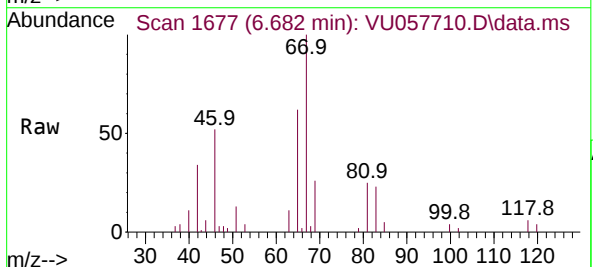
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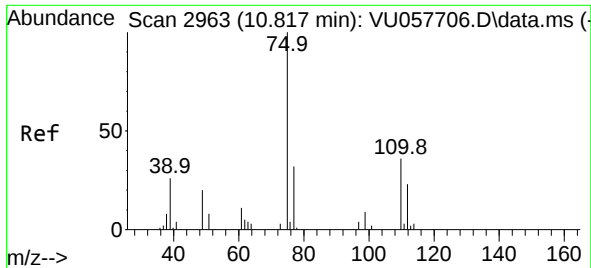
Tgt Ion: 83 Resp: 4026
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.416 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU057710.D
Acq: 29 Jan 2024 12:29

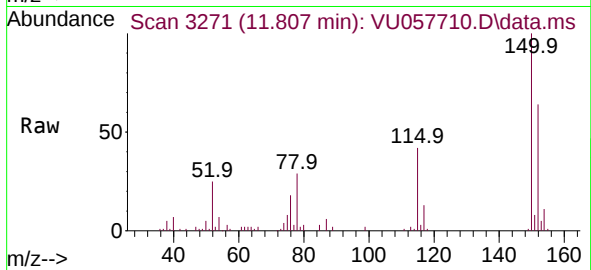
Tgt Ion: 63 Resp: 1936
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#61
1,2,3-Trichloropropane
Concen: 1.251 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.991 min
Lab File: VU057710.D
Acq: 29 Jan 2024 12:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 3080
Ion Ratio Lower Upper
75 100
110 0.0 30.1 45.1#
77 32.5 25.5 38.3

