

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058648.D
 Acq On : 12 Apr 2024 12:52
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 00:04:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 23:43:07 2024
 Response via : Initial Calibration

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

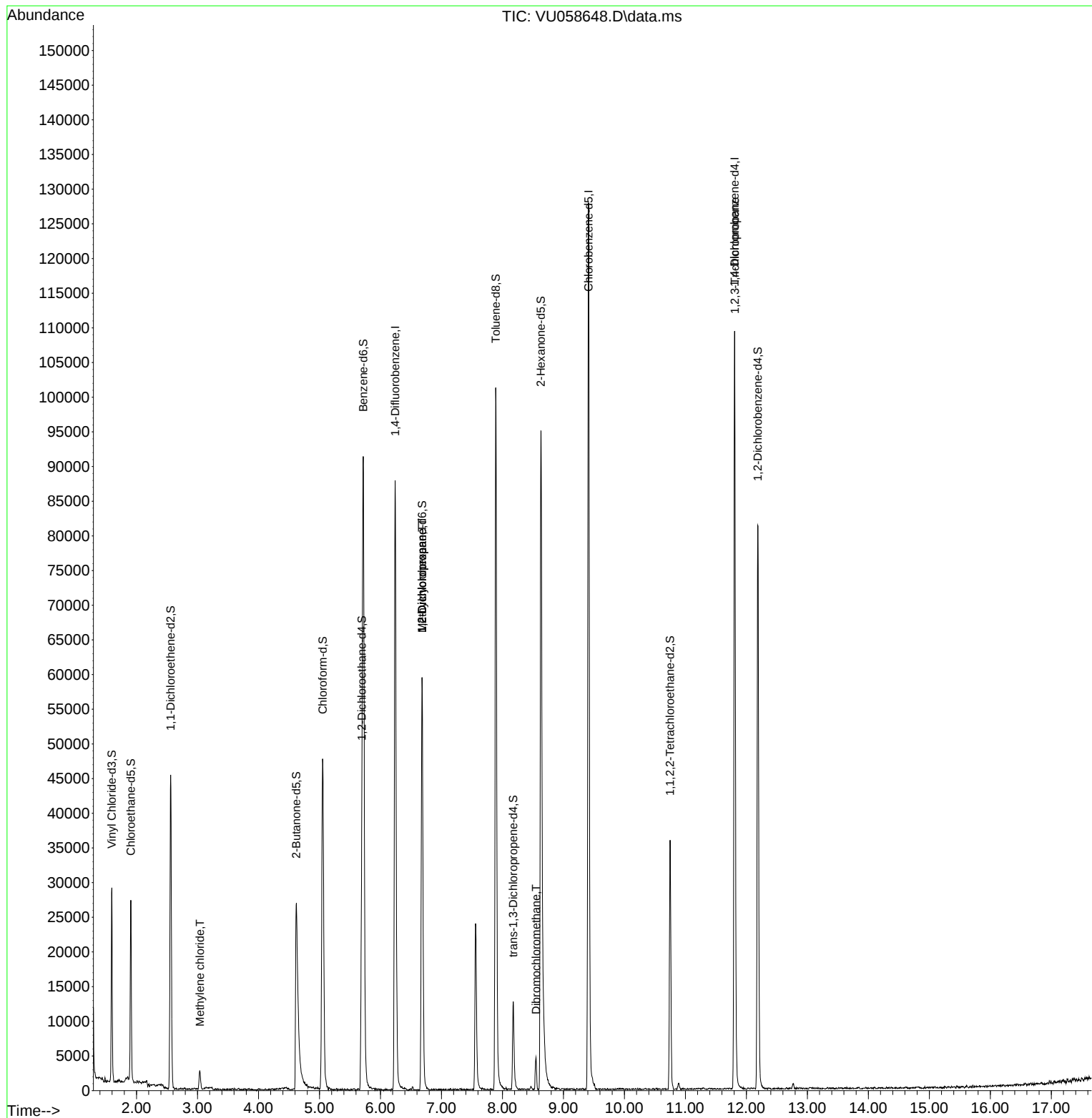
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68927	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67516	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28759	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18322	4.015	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.907	69	18081	4.559	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.560	65	9049	4.381	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.621	46	49710	51.690	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.380%
24) Chloroform-d	5.052	84	45438	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.695	65	22259	5.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.717	84	82986	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.682	67	28048	4.920	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.891	98	66583	4.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.177	79	7881	4.454	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.631	63	33741	46.231	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.460%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18928	4.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	21630	4.466	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	1190	0.184	ug/L	94
35) Methylcyclohexane	6.682	83	6087	0.655	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3225	0.501	ug/L #	90
49) Dibromochloromethane	8.553	129	876	0.201	ug/L #	11
61) 1,2,3-Trichloropropane	11.810	75	4043	1.378	ug/L #	70

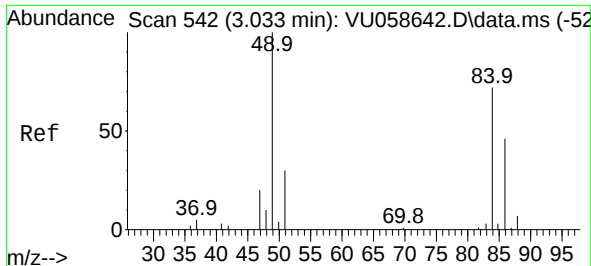
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.184 ug/L

RT: 3.039 min Scan# 54

Delta R.T. 0.006 min

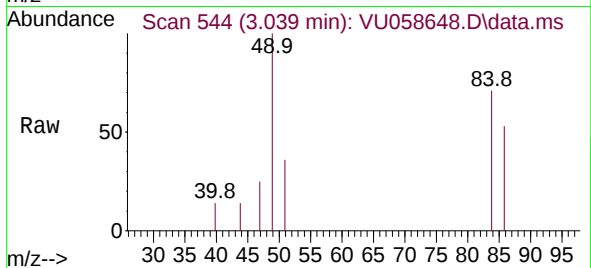
Lab File: VU058648.D

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Instrument :

MSVOA_U

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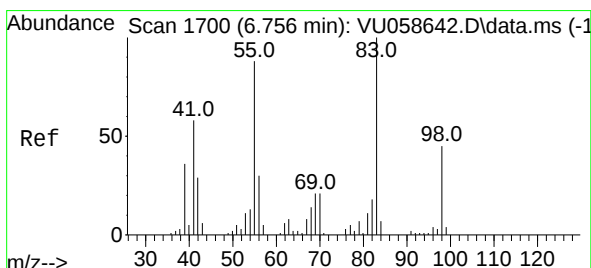
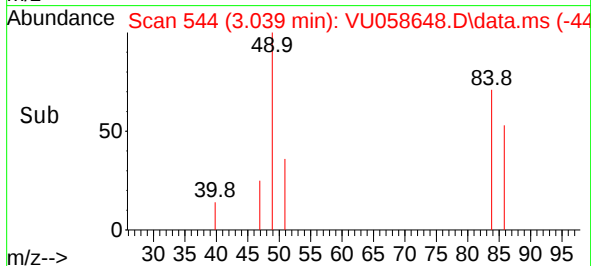
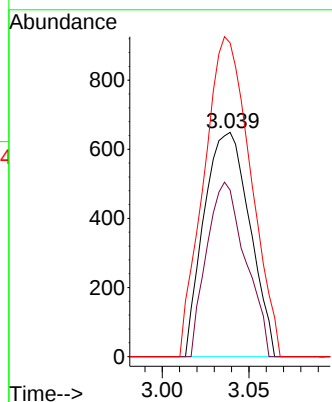
Tgt Ion: 84 Resp: 1190

Ion Ratio Lower Upper

84 100

86 74.3 44.3 82.3

49 139.9 96.0 178.2



#35

Methylcyclohexane

Concen: 0.655 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058648.D

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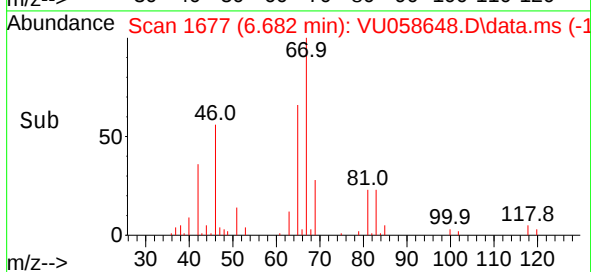
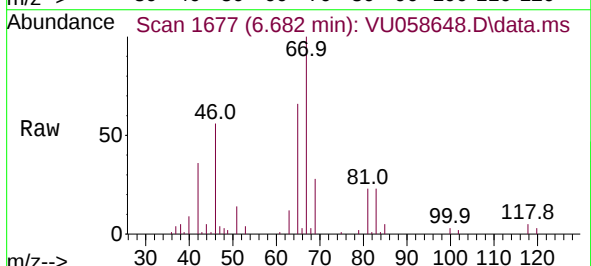
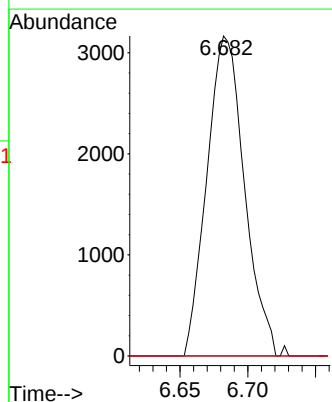
Tgt Ion: 83 Resp: 6087

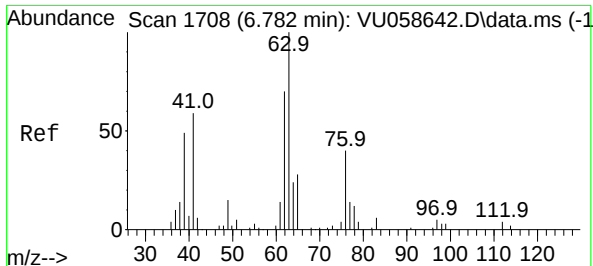
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#

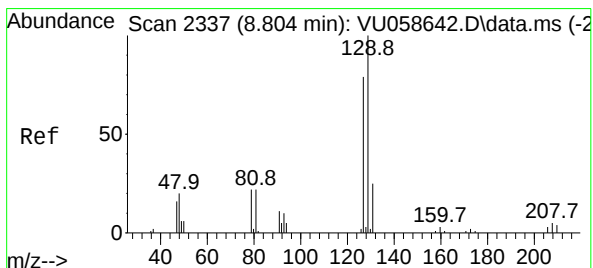
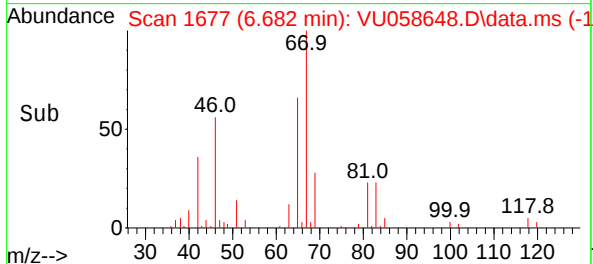
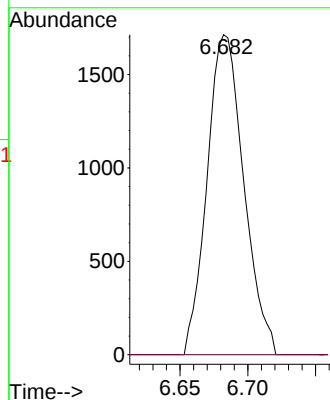
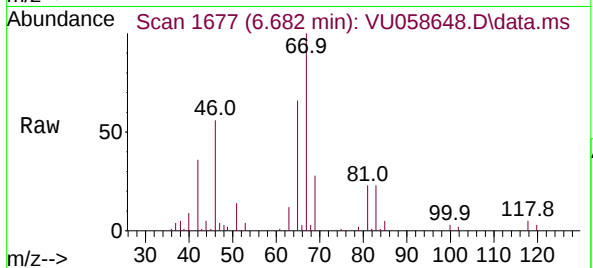




#37
1,2-Dichloropropane
Concen: 0.501 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058648.D
Acq: 12 Apr 2024 12:52

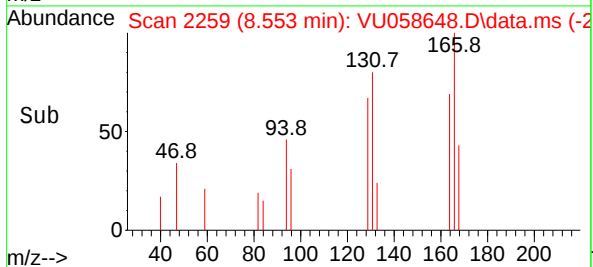
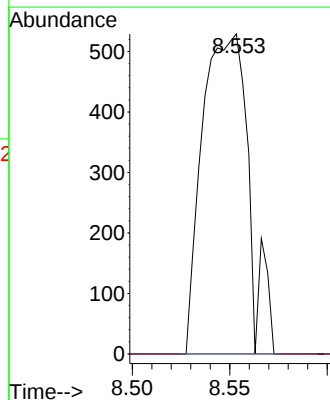
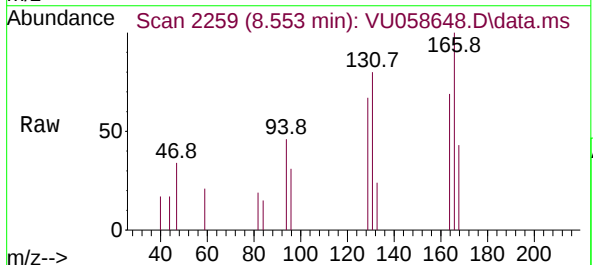
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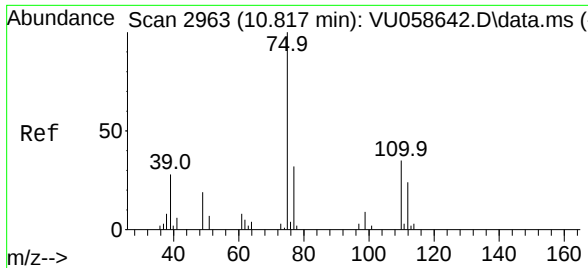
Tgt Ion: 63 Resp: 3225
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#49
Dibromochloromethane
Concen: 0.201 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.251 min
Lab File: VU058648.D
Acq: 12 Apr 2024 12:52

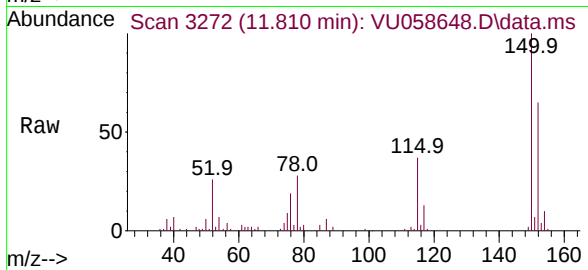
Tgt Ion:129 Resp: 876
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.378 ug/L
RT: 11.810 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU058648.D
Acq: 12 Apr 2024 12:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4043
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 30.8 25.1 37.7

