

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058881.D
 Acq On : 14 May 2024 12:55
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 00:57:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:49:30 2024
 Response via : Initial Calibration

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

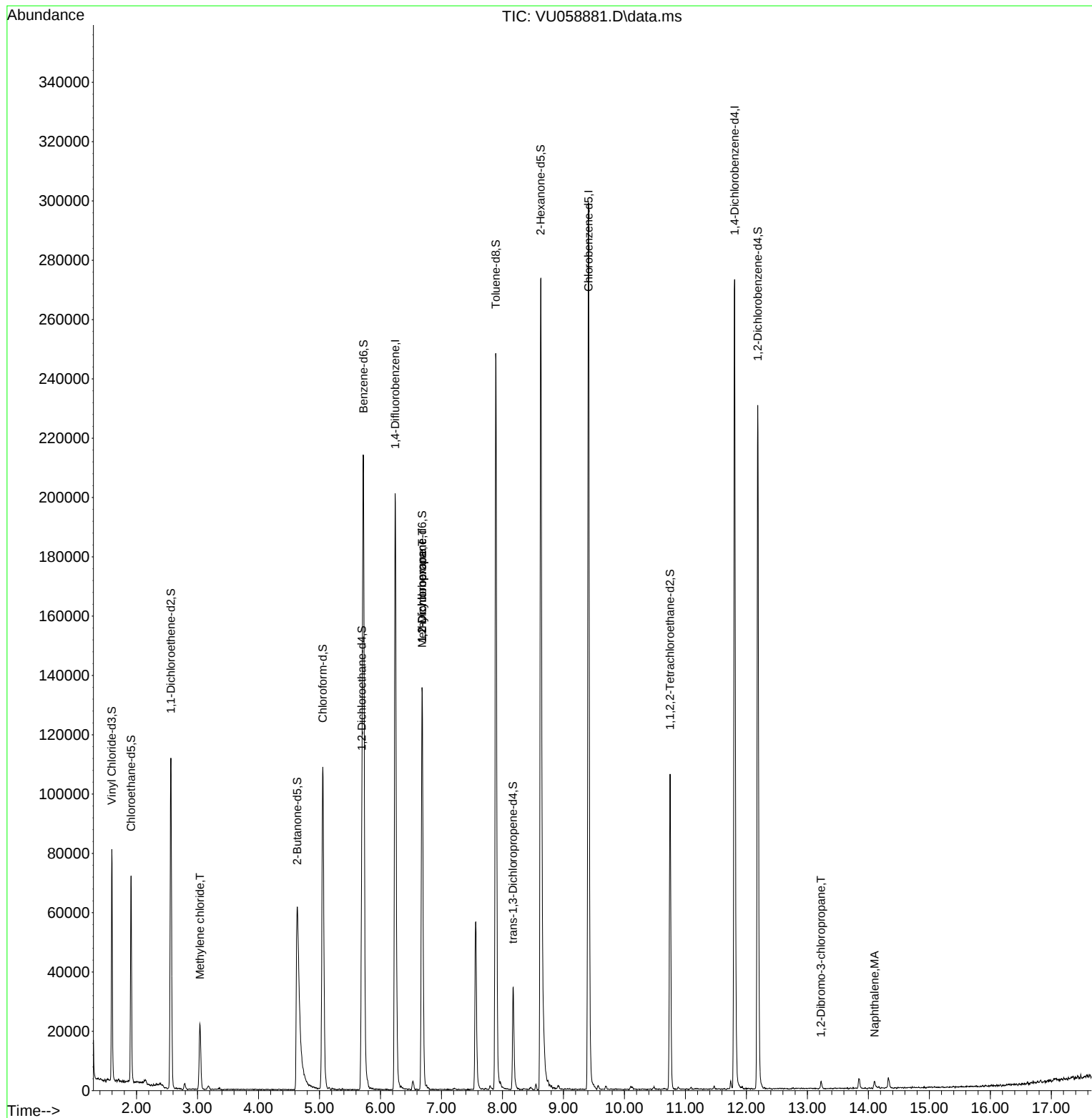
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	167534	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	168627	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73262	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54540	5.375	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.400%
7) Chloroethane-d5	1.911	69	49462	5.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.800%
11) 1,1-Dichloroethene-d2	2.563	65	22131	5.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.000%
20) 2-Butanone-d5	4.634	46	128400	48.665	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.320%
24) Chloroform-d	5.055	84	104585	5.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.695	65	55370	5.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.721	84	204589	5.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.682	67	67239	5.214	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.891	98	171913	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.174	79	21052	4.757	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.627	63	105549	49.693	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.380%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55381	4.972	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	61206	5.555	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	11139	0.787	ug/L	88
35) Methylcyclohexane	6.685	83	14911	0.797	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6871	0.488	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	13.222	75	107	0.071	ug/L #	6
71) Naphthalene	14.103	128	3367	0.158	ug/L #	89

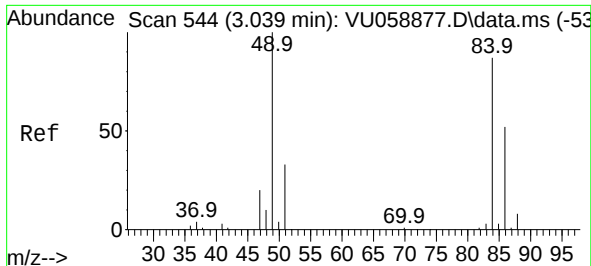
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.787 ug/L

RT: 3.039 min Scan# 54

Delta R.T. 0.000 min

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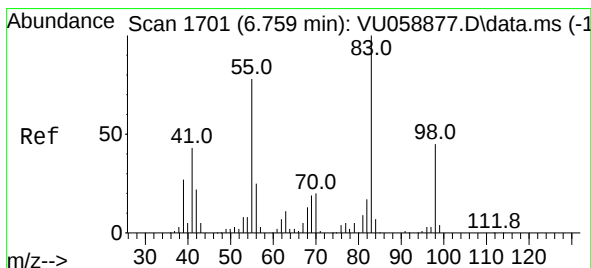
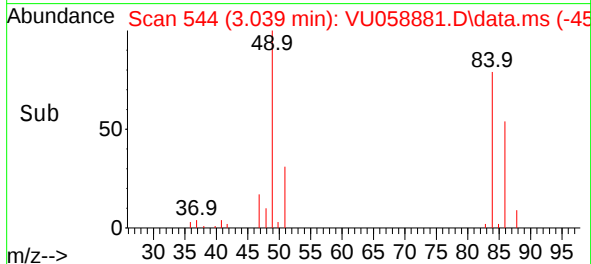
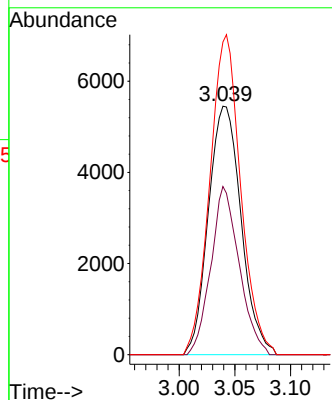
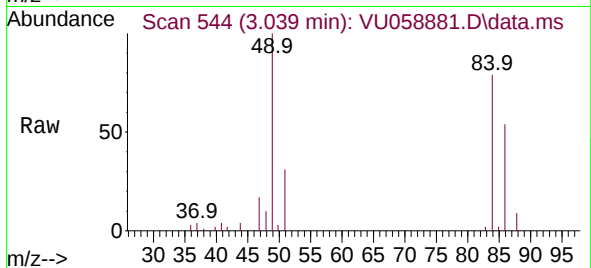
Tgt Ion: 84 Resp: 11139

Ion Ratio Lower Upper

84 100

86 67.7 42.1 78.1

49 130.0 80.6 149.8



#35

Methylcyclohexane

Concen: 0.797 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

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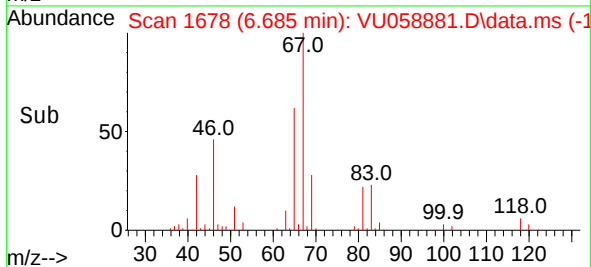
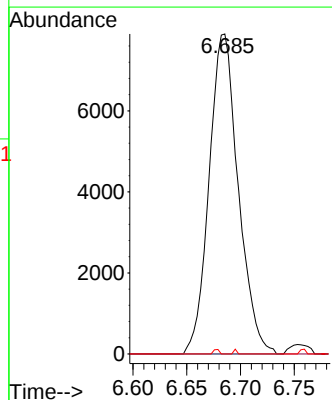
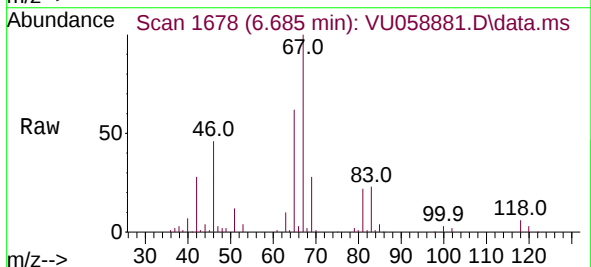
Tgt Ion: 83 Resp: 14911

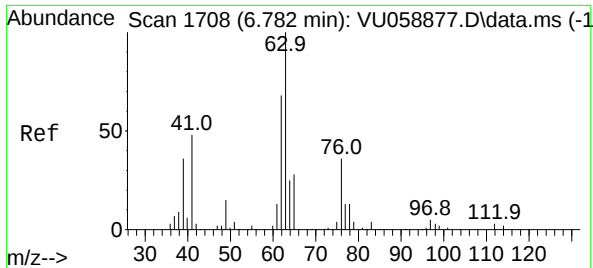
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.3 35.4 53.0#

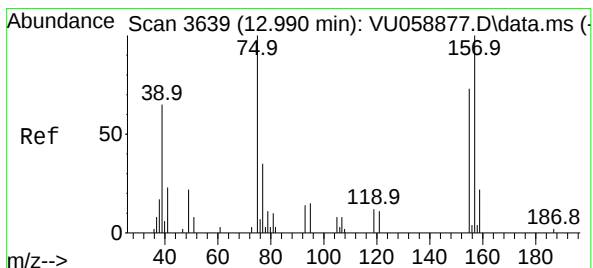
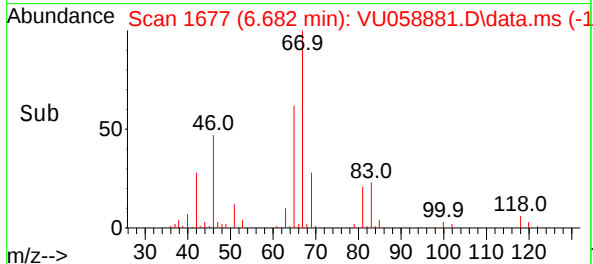
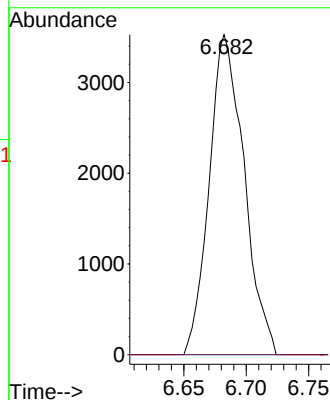
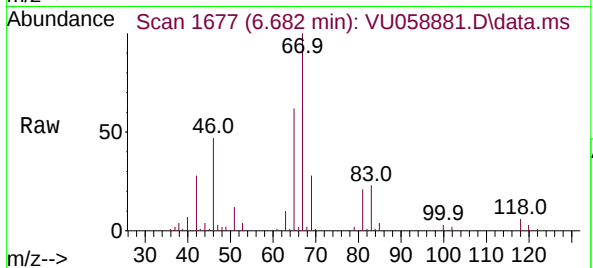




#37
1,2-Dichloropropane
Concen: 0.488 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058881.D
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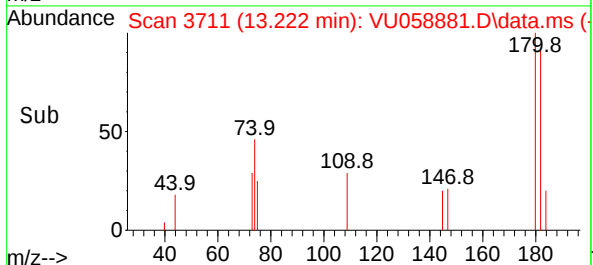
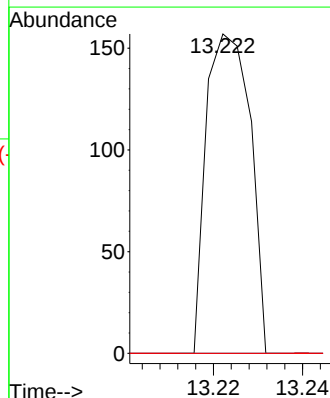
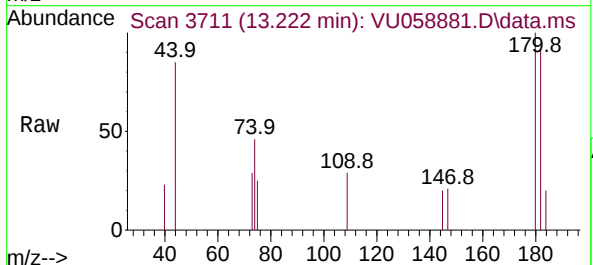
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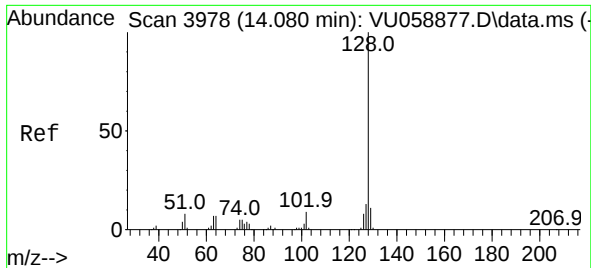
Tgt Ion: 63 Resp: 6871
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.071 ug/L
RT: 13.222 min Scan# 3711
Delta R.T. 0.232 min
Lab File: VU058881.D
Acq: 14 May 2024 12:55

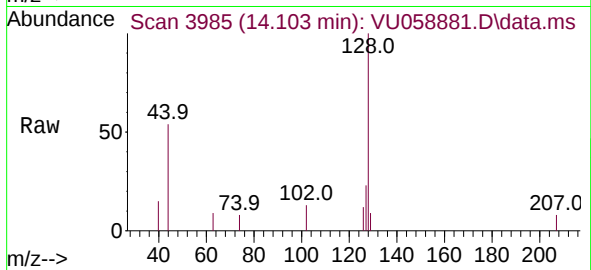
Tgt Ion: 75 Resp: 107
Ion Ratio Lower Upper
75 100
155 0.0 58.2 87.2#
157 0.0 80.0 120.0#





#71
Naphthalene
Concen: 0.158 ug/L
RT: 14.103 min Scan# 3978
Delta R.T. 0.023 min
Lab File: VU058881.D
Acq: 14 May 2024 12:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 3367
Ion Ratio Lower Upper
128 100
129 3.2 8.2 12.4#
127 10.8 10.2 15.4

