

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054164.D
 Acq On : 18 May 2023 13:49
 Operator : JC/MD
 Sample : 02841-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C11F8

Quant Time: May 19 02:07:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 02:02:28 2023
 Response via : Initial Calibration

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

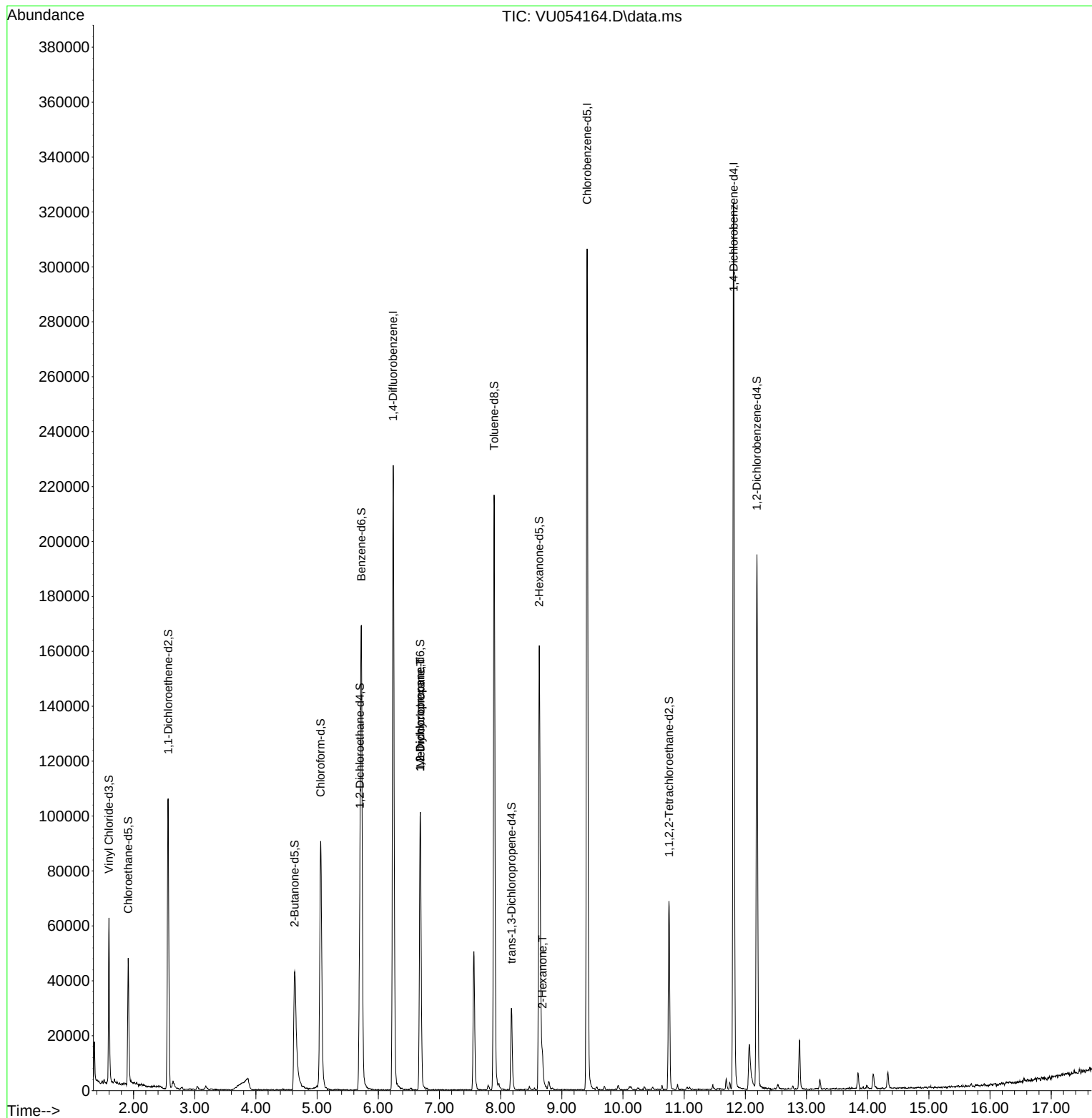
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	188492	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	179378	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	45065	4.435	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.913	69	35164	4.625	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.565	65	19842	4.323	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.633	46	81915	45.200	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.400%
24) Chloroform-d	5.057	84	80599	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.700	65	39573	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.723	84	163984	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.684	67	49298	4.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.893	98	145789	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.176	79	18216	4.271	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.629	63	57222	45.065	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.140%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33972	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	53253	4.891	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
35) Methylcyclohexane	6.687	83	11798	0.591	ug/L #	17
37) 1,2-Dichloropropane	6.684	63	5473	0.411	ug/L #	88
48) 2-Hexanone	8.684	43	6204	1.209	ug/L #	86

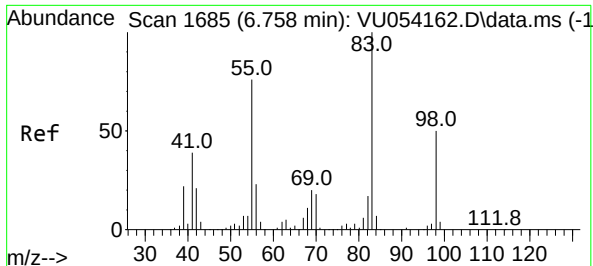
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.591 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.071 min

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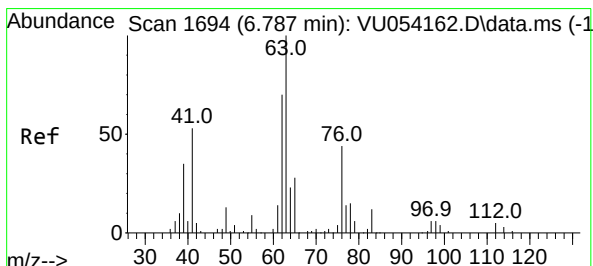
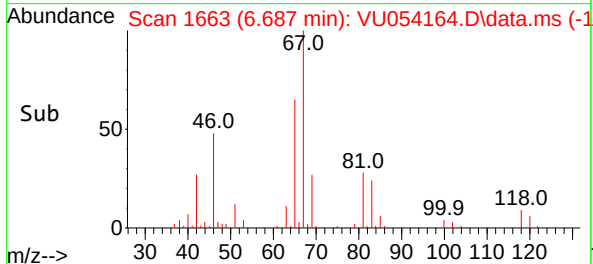
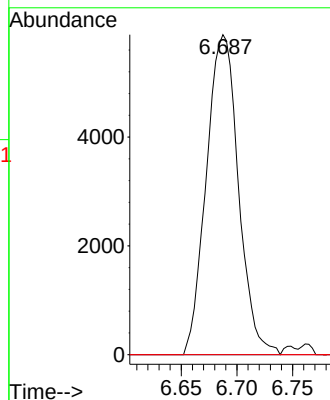
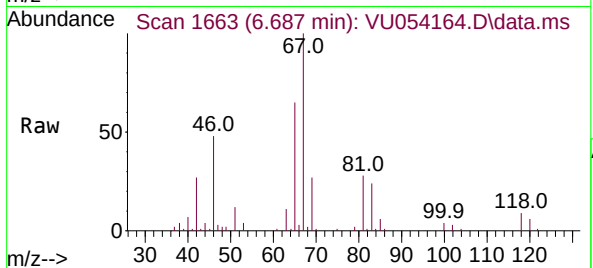
Tgt Ion: 83 Resp: 11798

Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.0 41.3 61.9#



#37

1,2-Dichloropropane

Concen: 0.411 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

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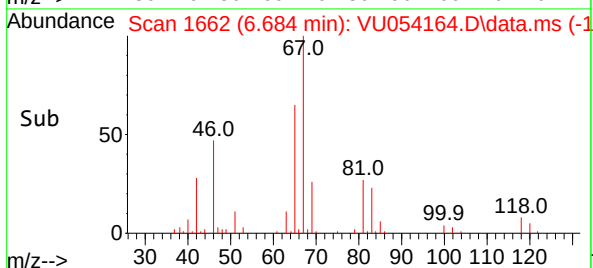
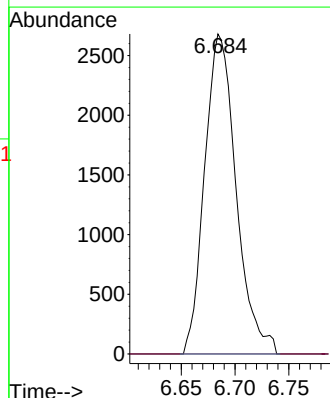
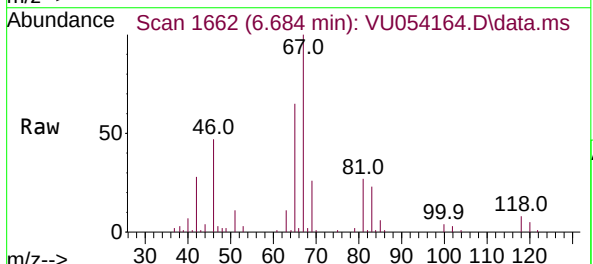
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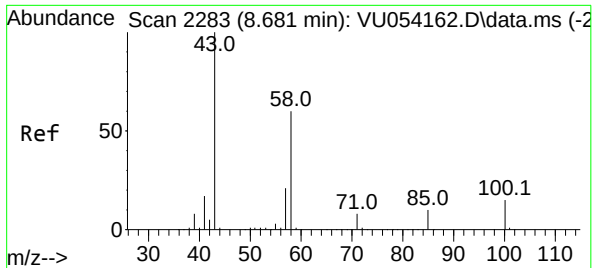
Tgt Ion: 63 Resp: 5473

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#48
 2-Hexanone
 Concen: 1.209 ug/L
 RT: 8.684 min Scan# 21
 Delta R.T. 0.003 min
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Tgt Ion: 43	Resp:	6204
Ion	Ratio	Lower Upper
43	100	
58	48.8	48.6 72.8
57	17.2	16.7 25.1
100	8.8	11.4 17.2

