

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056260.D
 Acq On : 13 Nov 2023 18:53
 Operator : MD/SY
 Sample : VU1113WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 13 23:54:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 13 23:42:10 2023
 Response via : Initial Calibration

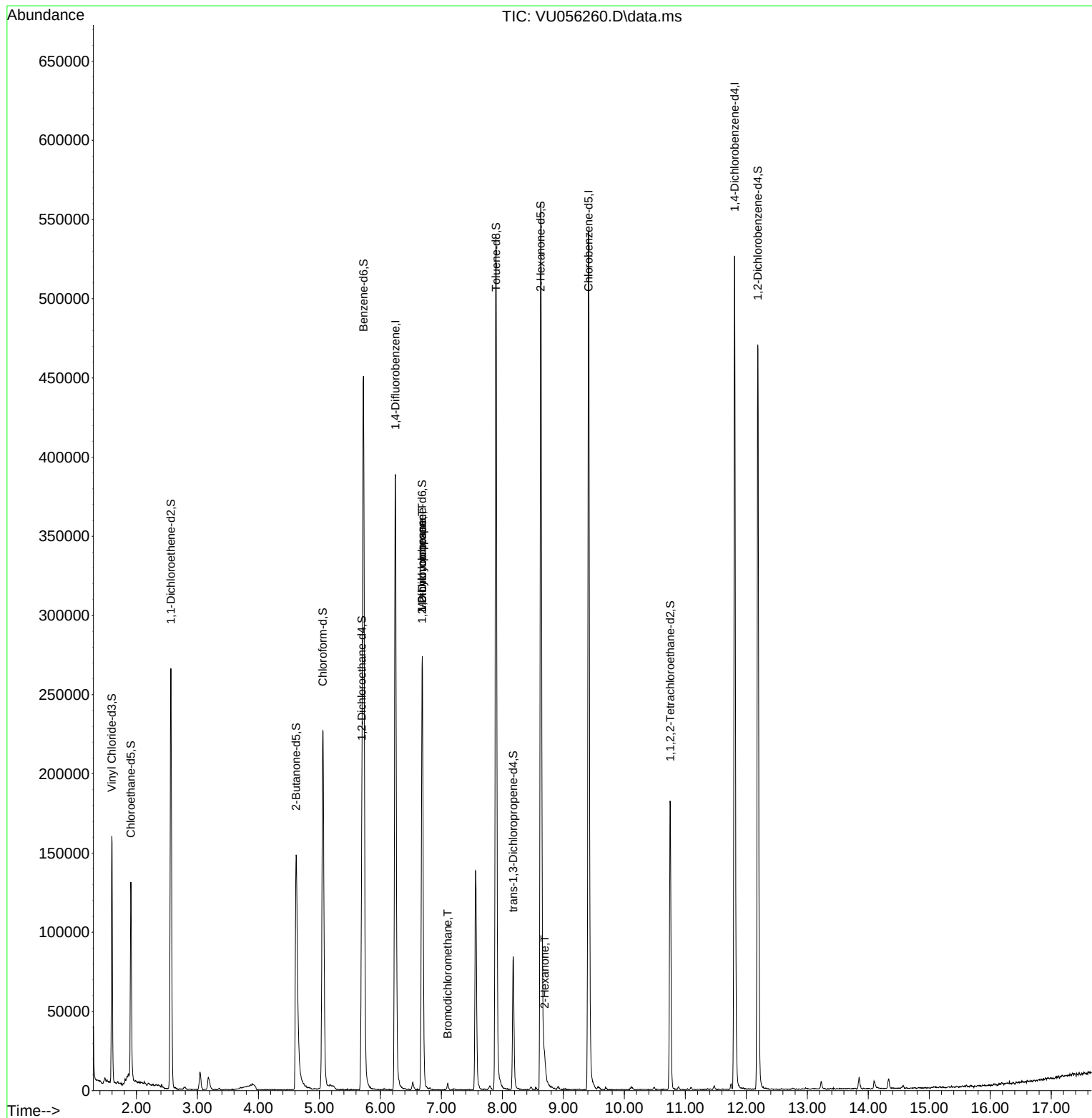
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	323932	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	313212	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	138132	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	114614	4.730	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.600%	
7) Chloroethane-d5	1.908	69	91697	4.936	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.800%	
11) 1,1-Dichloroethene-d2	2.563	65	50794	4.750	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.000%	
20) 2-Butanone-d5	4.618	46	230038	47.614	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.220%	
24) Chloroform-d	5.055	84	215897	4.607	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
26) 1,2-Dichloroethane-d4	5.695	65	106982	4.940	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
32) Benzene-d6	5.721	84	442188	4.738	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.685	67	135761	4.827	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.600%	
41) Toluene-d8	7.894	98	374792	4.548	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	8.177	79	50937	4.722	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.400%	
46) 2-Hexanone-d5	8.628	63	198898	46.922	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.840%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93211	4.638	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	126815	4.970	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.400%	
Target Compounds						
35) Methylcyclohexane	6.685	83	31486	0.896	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	15005	0.644	ug/L #	89
38) Bromodichloromethane	7.103	83	2685	0.089	ug/L	87
48) 2-Hexanone	8.692	43	12667	1.407	ug/L #	92

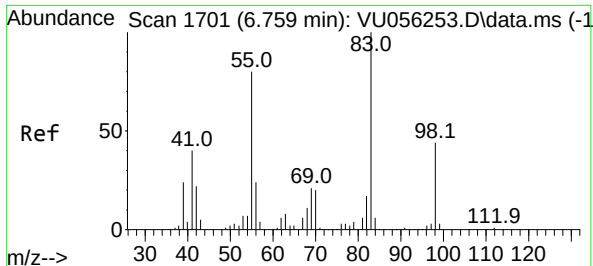
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.896 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

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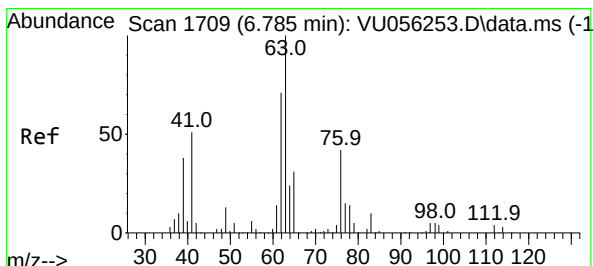
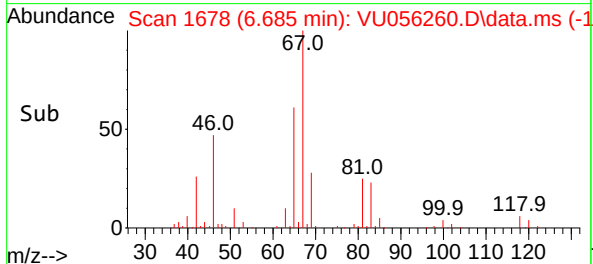
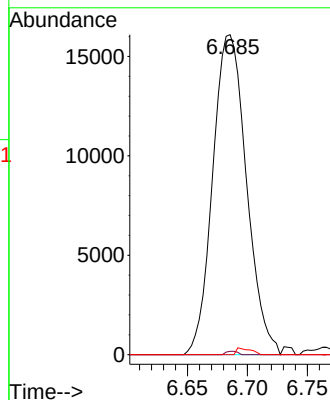
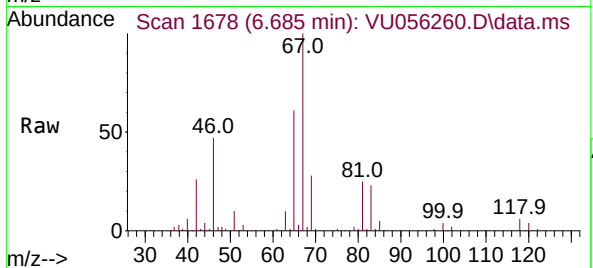
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Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 31486
Ion Ratio	Lower Upper
83 100	
55 0.4	62.9 94.3#
98 0.9	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.644 ug/L

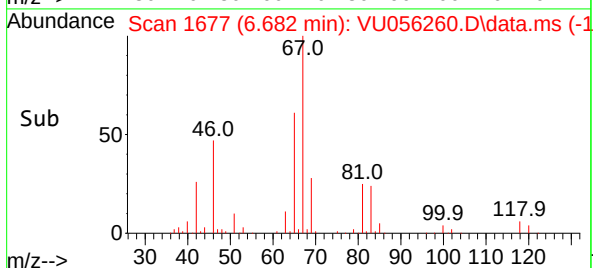
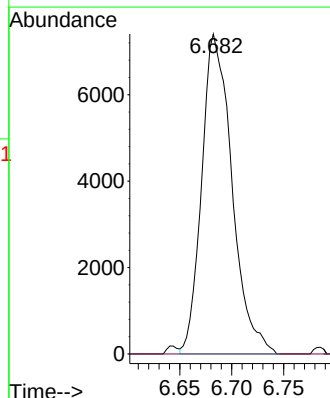
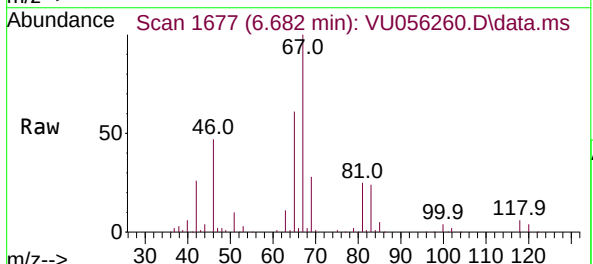
RT: 6.682 min Scan# 1677

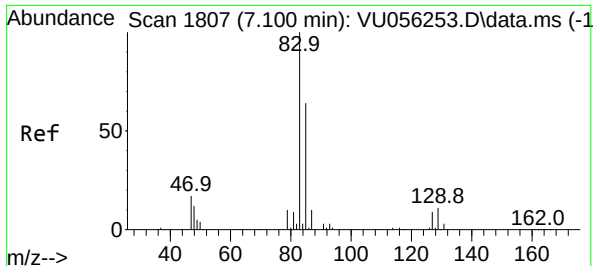
Delta R.T. -0.103 min

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Tgt Ion: 63	Resp: 15005
Ion Ratio	Lower Upper
63 100	
112 0.3	3.2 4.8#





#38

Bromodichloromethane

Concen: 0.089 ug/L

RT: 7.103 min Scan# 11

Delta R.T. 0.003 min

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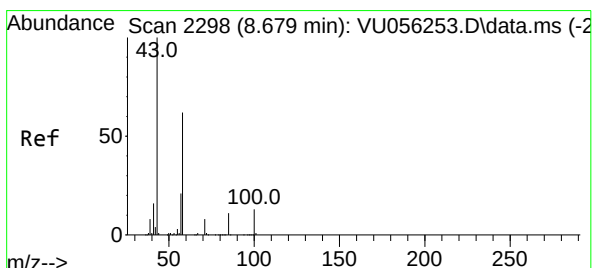
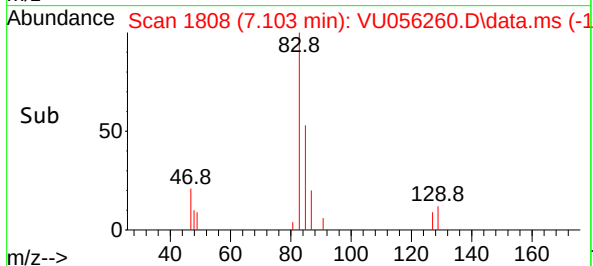
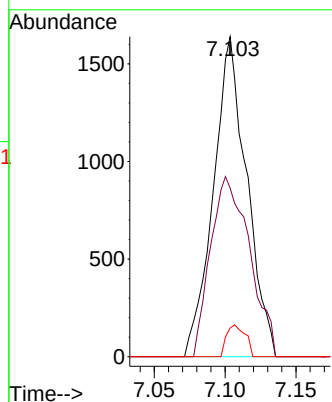
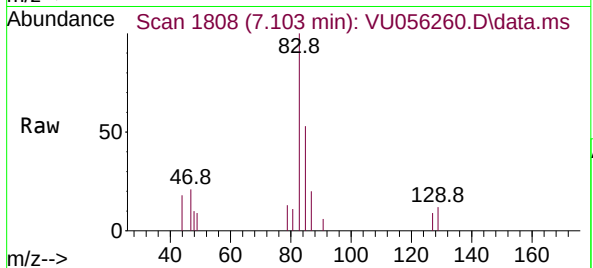
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Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	2685
Ion Ratio	Lower	Upper
83	100	
85	52.7	44.9 83.5
127	9.0	6.9 10.3



#48

2-Hexanone

Concen: 1.407 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.013 min

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Tgt Ion: 43	Resp:	12667
Ion Ratio	Lower	Upper
43	100	
58	57.1	48.7 73.1
57	17.4	16.8 25.2
100	2.2	9.9 14.9

