

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056785.D
 Acq On : 12 Dec 2023 14:55
 Operator : MD/SY
 Sample : 05677-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AE4

Quant Time: Dec 13 00:32:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 00:30:00 2023
 Response via : Initial Calibration

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

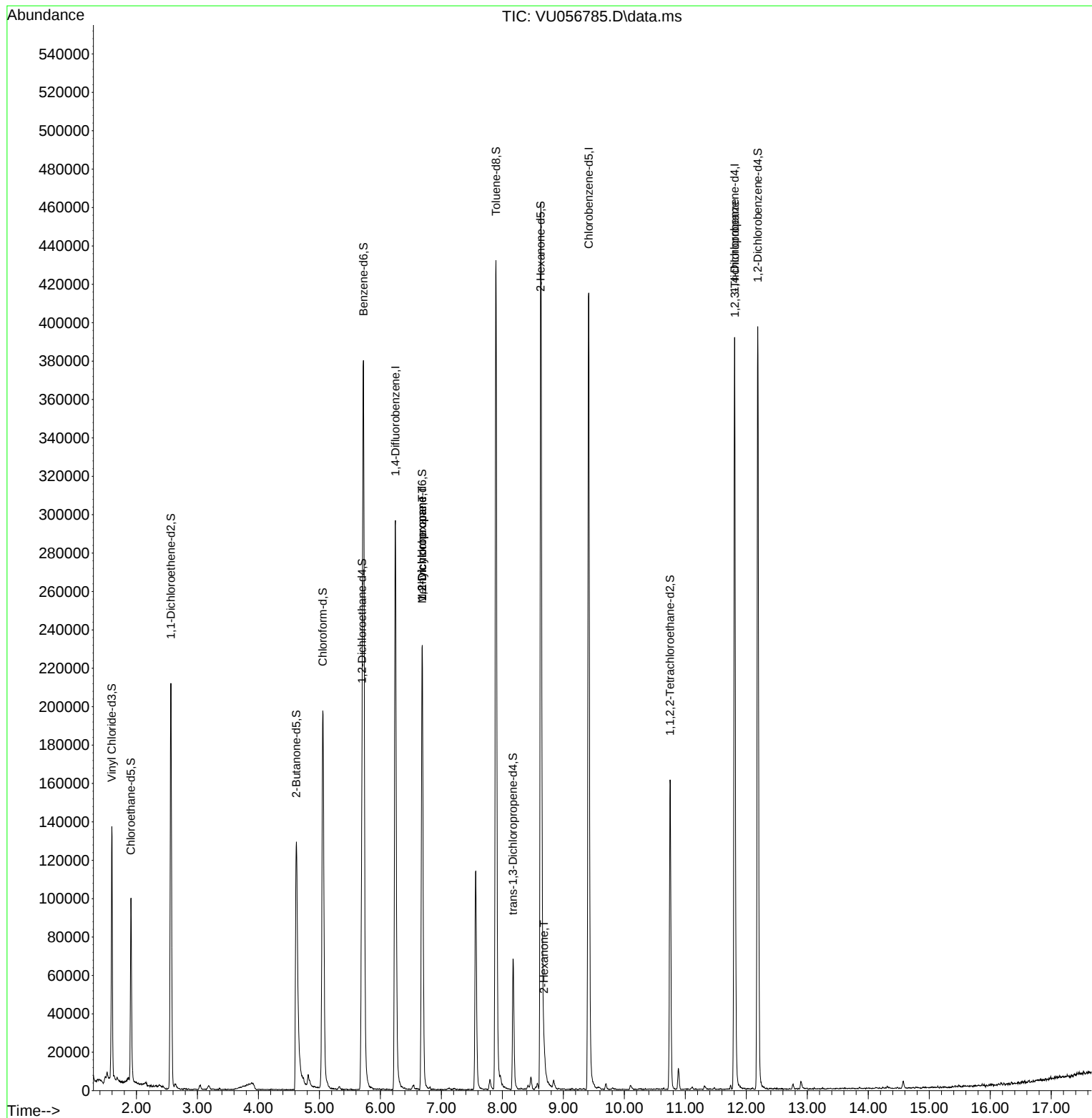
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	244329	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	247178	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105462	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	91169	4.353	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.908	69	70812	4.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.563	65	40716	4.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.621	46	210549	50.907	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.820%
24) Chloroform-d	5.055	84	193238	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.698	65	94511	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.721	84	366584	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.685	67	117538	4.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.894	98	305831	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.174	79	42769	4.596	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.628	63	161226	45.935	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.880%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	82324	4.742	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	104578	5.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
35) Methylcyclohexane	6.682	83	27591	0.785	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	12047	0.542	ug/L #	88
48) 2-Hexanone	8.682	43	7654	1.018	ug/L #	78
61) 1,2,3-Trichloropropane	11.811	75	12950	1.144	ug/L #	72

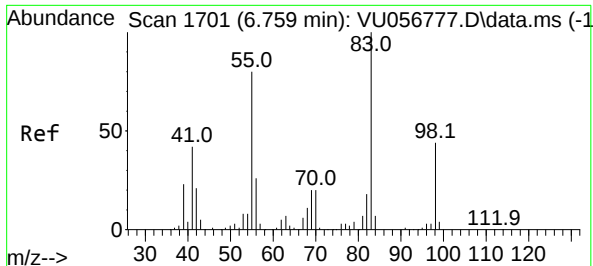
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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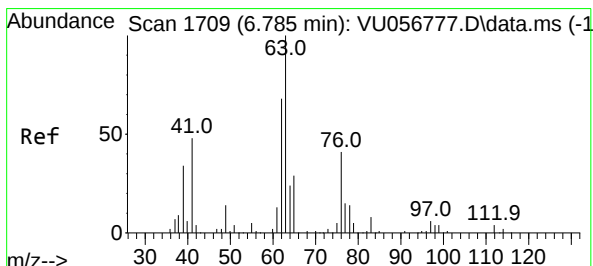
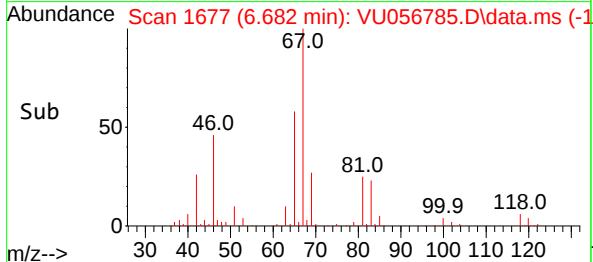
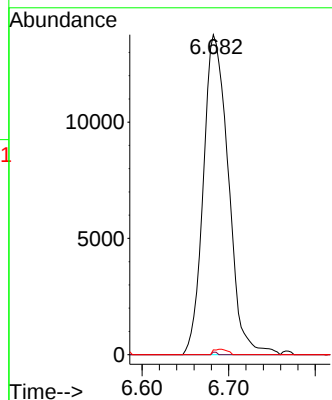
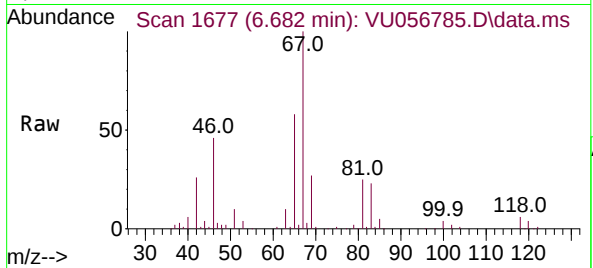




#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056785.D
Acq: 12 Dec 2023 14:55

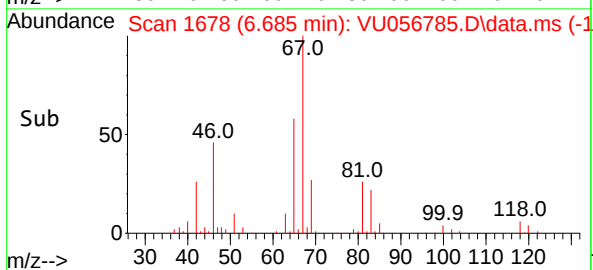
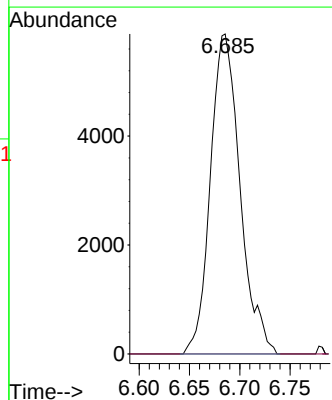
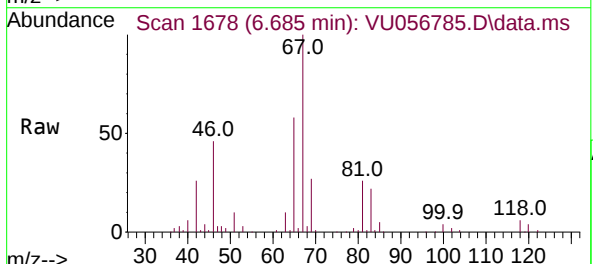
Instrument :
MSVOA_U
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H0AE4

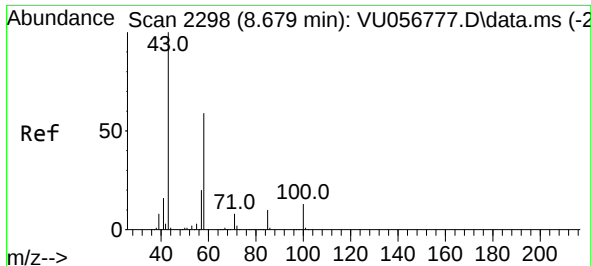
Tgt Ion: 83 Resp: 27591
Ion Ratio Lower Upper
83 100
55 0.1 64.6 97.0#
98 0.9 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.099 min
Lab File: VU056785.D
Acq: 12 Dec 2023 14:55

Tgt Ion: 63 Resp: 12047
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

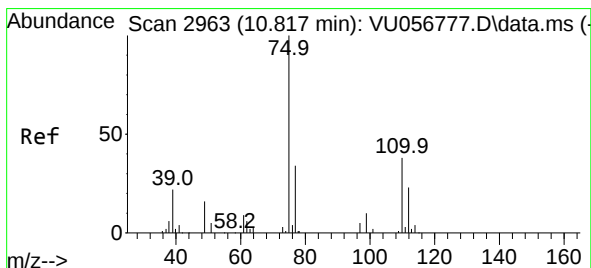
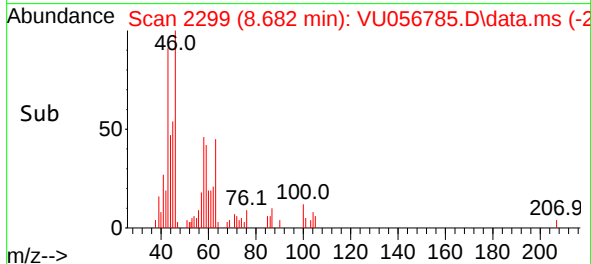
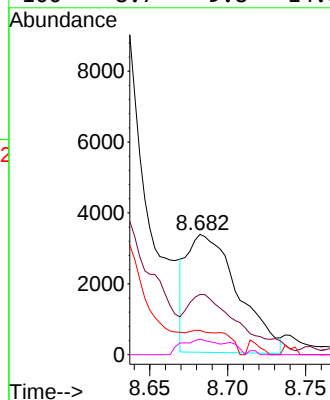
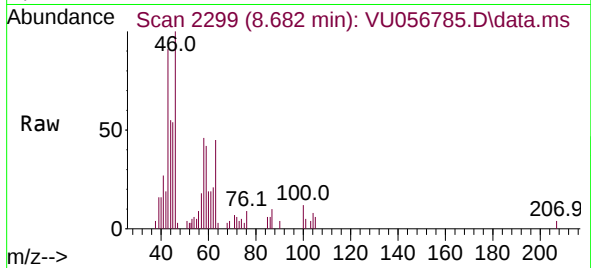




#48
2-Hexanone
Concen: 1.018 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056785.D
Acq: 12 Dec 2023 14:55

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Tgt Ion: 43	Resp:	7654	
Ion	Ratio	Lower	Upper
43	100		
58	47.6	47.5	71.3
57	0.0	17.0	25.4#
100	8.7	9.8	14.8#



#61
1,2,3-Trichloropropane
Concen: 1.144 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.994 min
Lab File: VU056785.D
Acq: 12 Dec 2023 14:55

Tgt Ion: 75	Resp:	12950	
Ion Ratio	Lower	Upper	
75 100			
110 3.8	28.4	42.6#	
77 32.7	26.3	39.5	

