

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056883.D
 Acq On : 15 Dec 2023 16:47
 Operator : MD/SY
 Sample : 05806-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK002

Quant Time: Dec 15 22:26:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

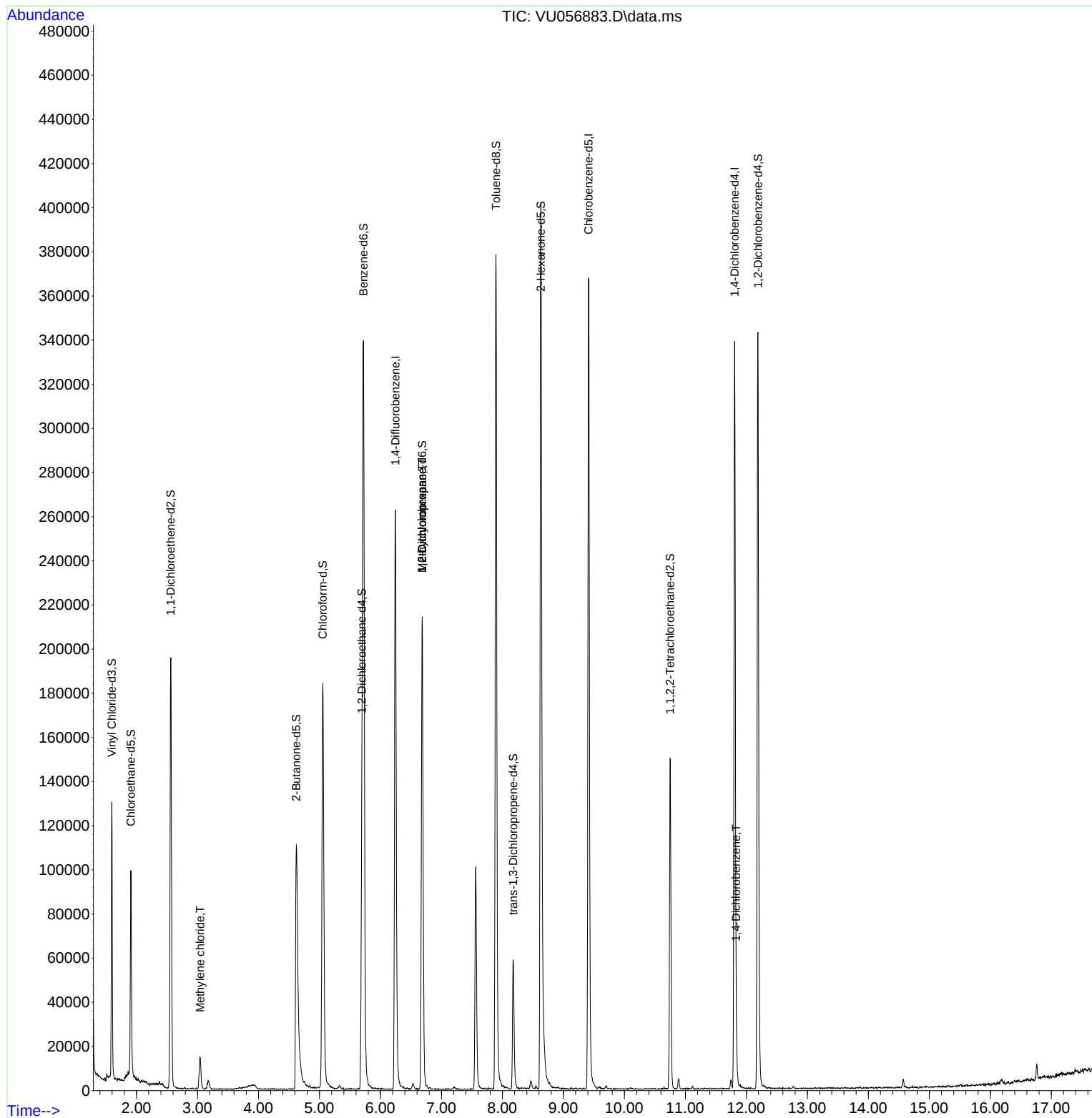
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	214203	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	215183	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89635	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	86841	4.730	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.907	69	68839	5.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.560	65	36579	4.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.621	46	184485	50.879	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.760%
24) Chloroform-d	5.055	84	174627	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.695	65	84315	5.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.721	84	334617	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.685	67	105465	5.048	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.894	98	268759	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.177	79	38203	4.716	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.631	63	140134	45.862	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.720%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	74565	4.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	89701	5.091	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	7388	0.390	ug/L	95
35) Methylcyclohexane	6.685	83	24918	0.814	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11307	0.584	ug/L #	88
65) 1,4-Dichlorobenzene	11.833	146	4989	0.151	ug/L	96

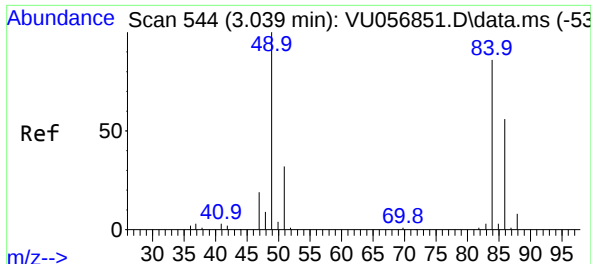
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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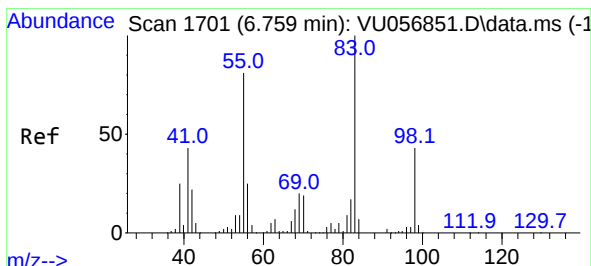
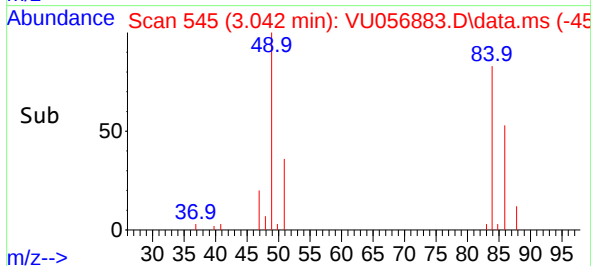
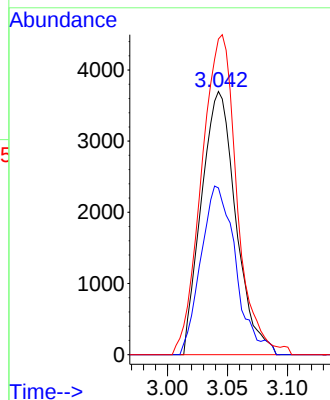
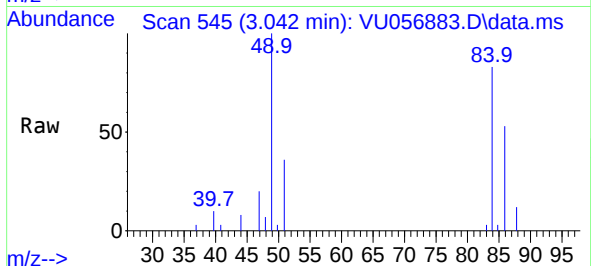


#16
Methylene chloride
Concen: 0.390 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056883.D
Acq: 15 Dec 2023 16:47

Instrument :
MSVOA_U
ClientSampleId :
VHBLK002

Tgt Ion: 84 Resp: 7388

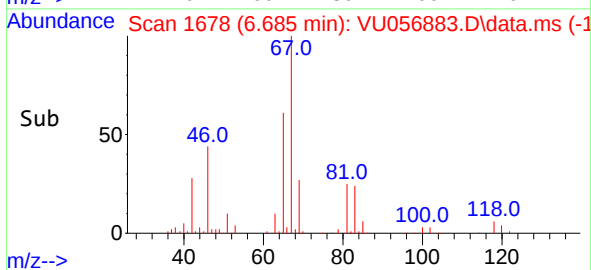
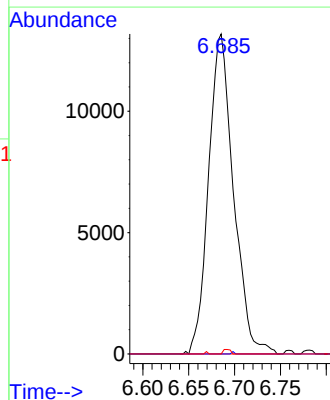
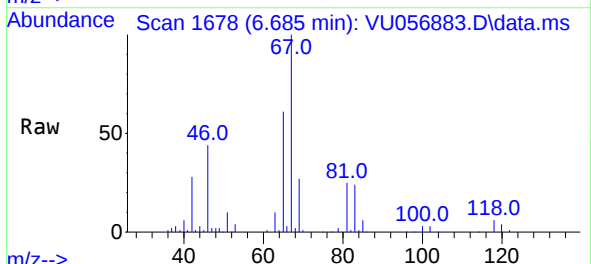
Ion	Ratio	Lower	Upper
84	100		
86	63.3	43.6	81.0
49	123.5	80.6	149.6

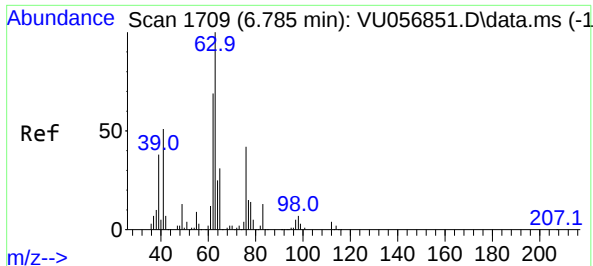


#35
Methylcyclohexane
Concen: 0.814 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056883.D
Acq: 15 Dec 2023 16:47

Tgt Ion: 83 Resp: 24918

Ion	Ratio	Lower	Upper
83	100		
55	0.1	64.6	97.0#
98	0.4	36.1	54.1#

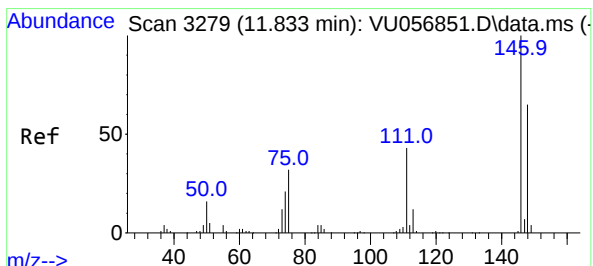
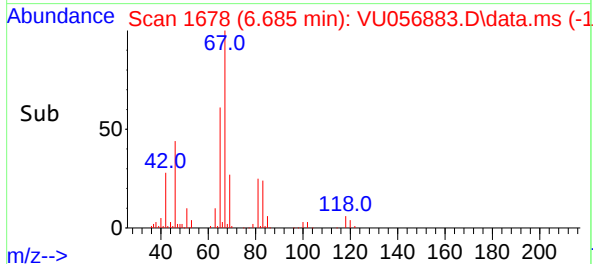
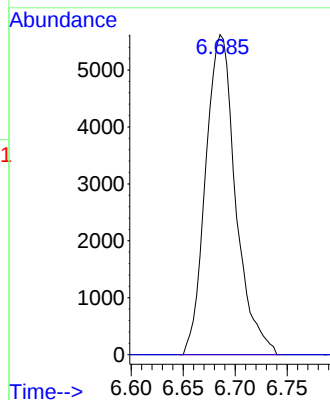
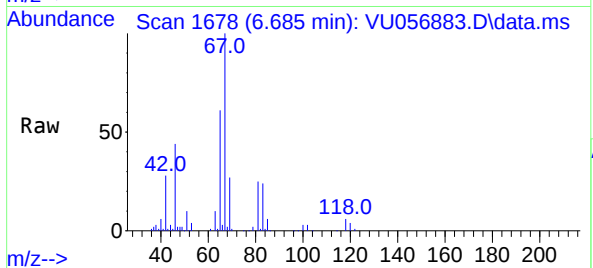




#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU056883.D
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Tgt Ion: 63 Resp: 11307
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#65
1,4-Dichlorobenzene
Concen: 0.151 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056883.D
Acq: 15 Dec 2023 16:47

Tgt Ion: 146 Resp: 4989
Ion Ratio Lower Upper
146 100
111 48.5 31.2 58.0
148 63.1 45.6 84.8

