

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112023\
 Data File : VU056520.D
 Acq On : 20 Nov 2023 11:42
 Operator : MD/SY
 Sample : 05389-17RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 00:39:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 00:36:07 2023
 Response via : Initial Calibration

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

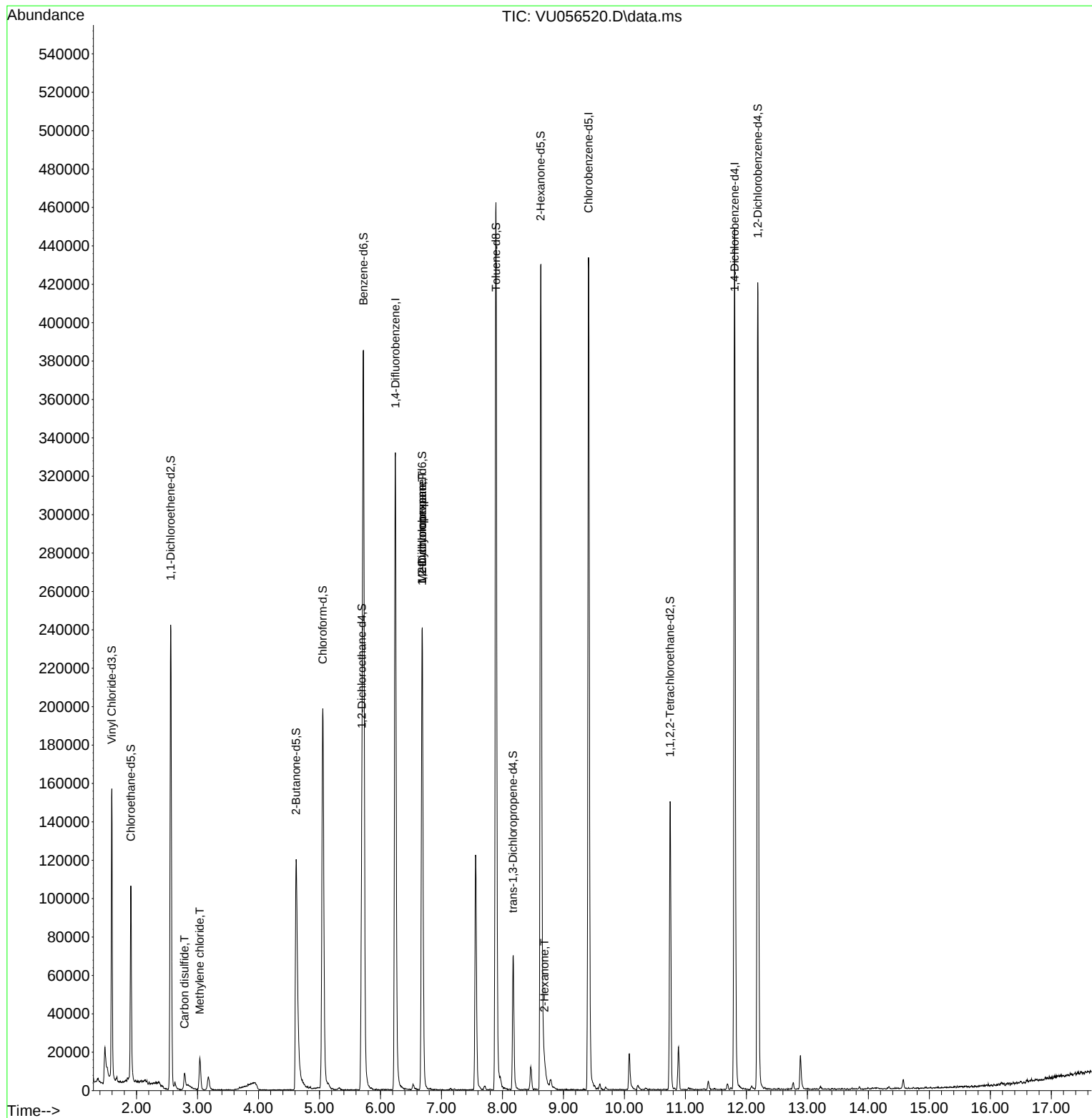
Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	269124	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	254628	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	117787	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.595	65	107148	5.323	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.400%	
7) Chloroethane-d5		1.907	69	73737	4.778	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%	
11) 1,1-Dichloroethene-d2		2.560	65	47303	5.325	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.400%	
20) 2-Butanone-d5		4.618	46	182933	45.575	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.160%	
24) Chloroform-d		5.055	84	186534	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4		5.695	65	89228	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%	
32) Benzene-d6		5.721	84	372419	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%	
36) 1,2-Dichloropropane-d6		6.685	67	119147	5.211	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%	
41) Toluene-d8		7.894	98	320631	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%	
43) trans-1,3-Dichloroprop...		8.174	79	41366	4.717	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%	
46) 2-Hexanone-d5		8.627	63	154335	44.786	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.580%	
56) 1,1,2,2-Tetrachloroeth...		10.749	84	77938	4.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%	
66) 1,2-Dichlorobenzene-d4		12.187	152	111879	5.142	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%	
Target Compounds							
						Qvalue	
14) Carbon disulfide		2.788	76	9789	0.183	ug/L #	92
16) Methylene chloride		3.036	84	8984	0.412	ug/L	80
35) Methylcyclohexane		6.685	83	27812	0.973	ug/L #	18
37) 1,2-Dichloropropane		6.682	63	12535	0.662	ug/L #	88
48) 2-Hexanone		8.688	43	7762	1.061	ug/L #	51

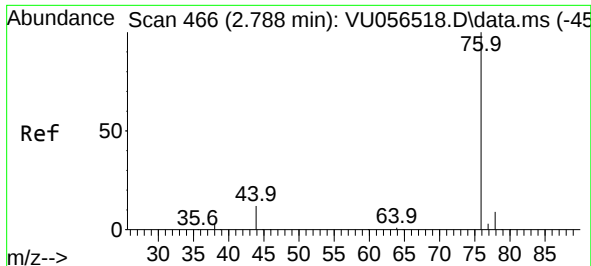
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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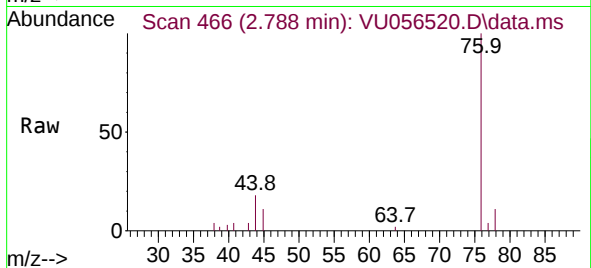
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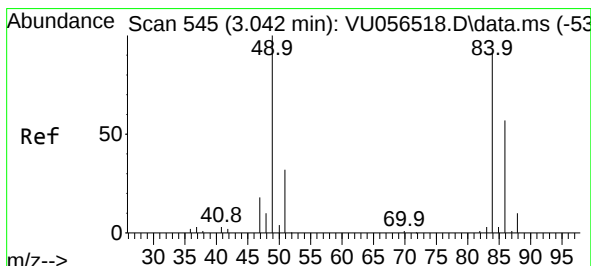
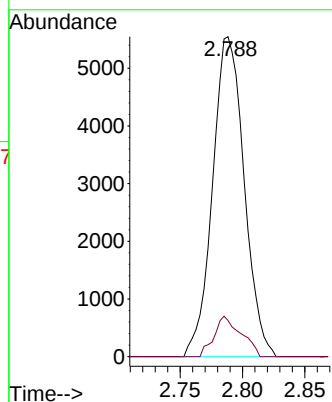
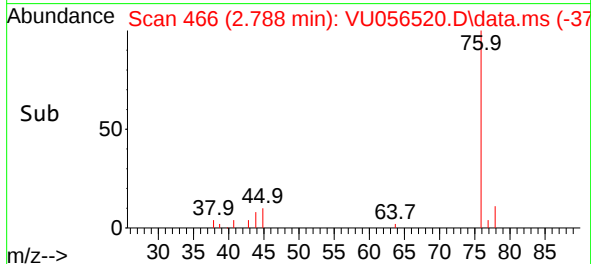


#14
Carbon disulfide
Concen: 0.183 ug/L
RT: 2.788 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU056520.D
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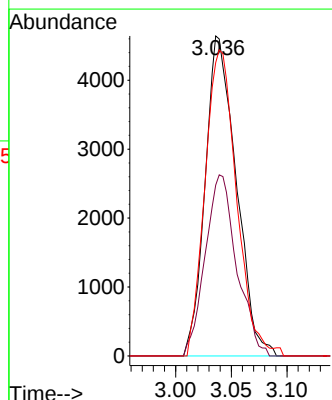
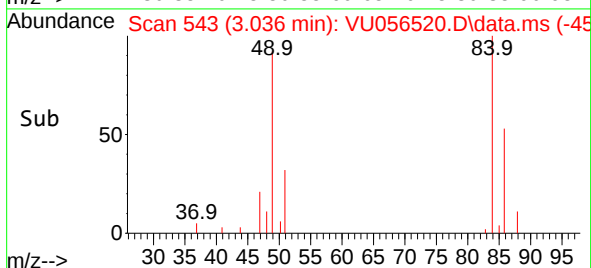
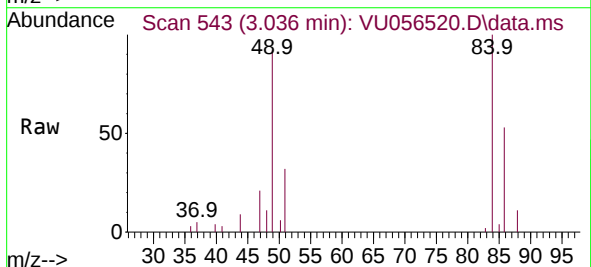


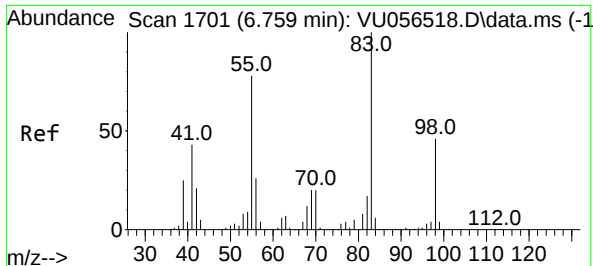
Tgt Ion: 76 Resp: 9789
Ion Ratio Lower Upper
76 100
78 11.3 6.8 10.2#



#16
Methylene chloride
Concen: 0.412 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.006 min
Lab File: VU056520.D
Acq: 20 Nov 2023 11:42

Tgt Ion: 84 Resp: 8984
Ion Ratio Lower Upper
84 100
86 53.4 44.7 83.1
49 91.7 81.8 152.0

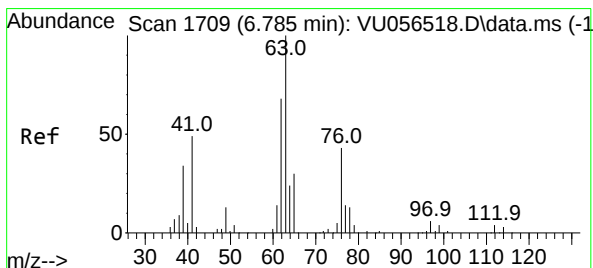
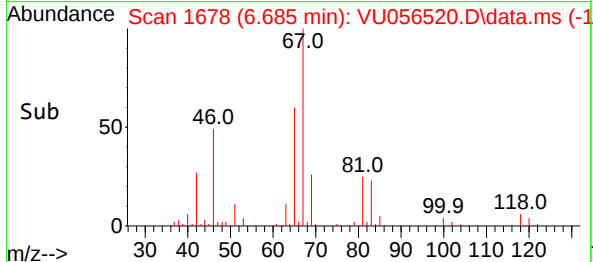
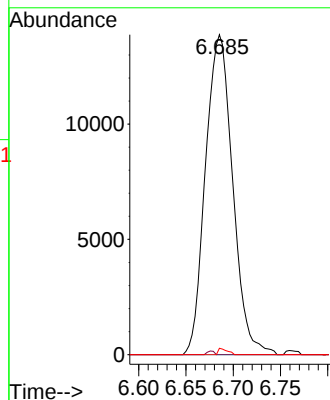
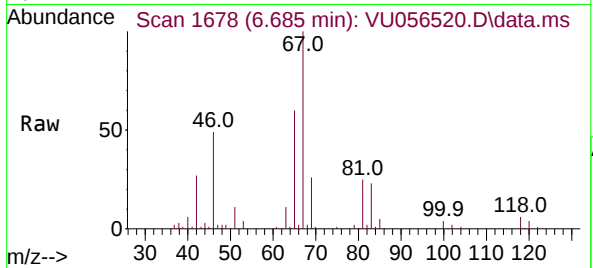




#35
Methylcyclohexane
Concen: 0.973 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056520.D
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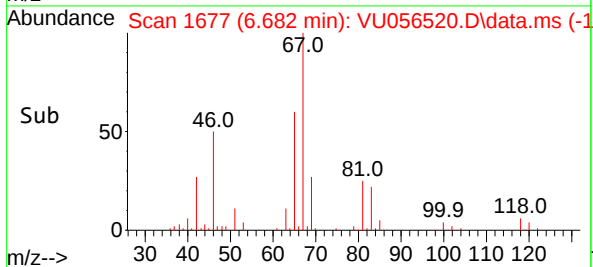
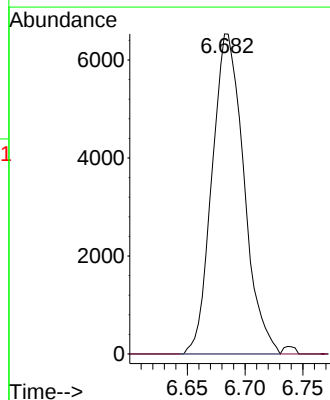
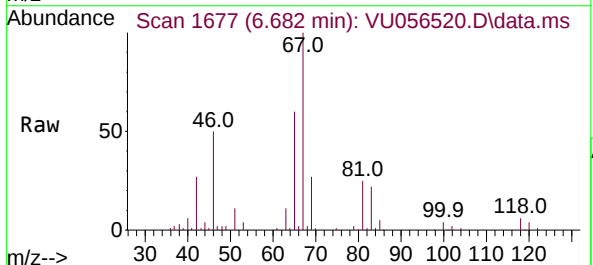
Instrument :
MSVOA_U
ClientSampleId :

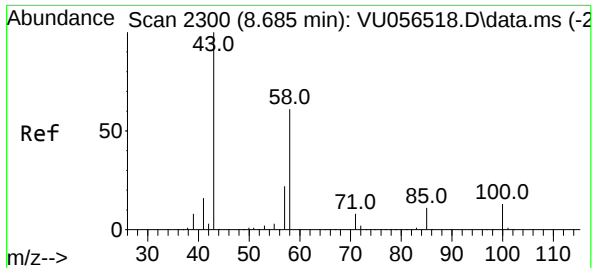
Tgt Ion: 83 Resp: 27812
Ion Ratio Lower Upper
83 100
55 0.3 62.9 94.3#
98 0.7 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.662 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU056520.D
Acq: 20 Nov 2023 11:42

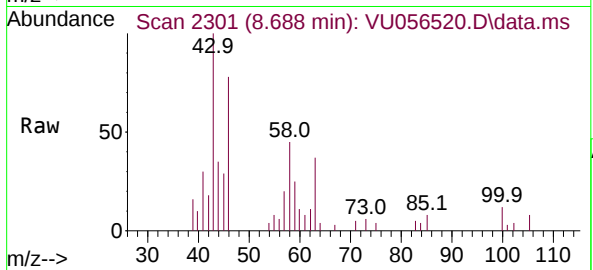
Tgt Ion: 63 Resp: 12535
Ion Ratio Lower Upper
63 100
112 0.2 3.2 4.8#





#48
 2-Hexanone
 Concen: 1.061 ug/L
 RT: 8.688 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU056520.D
 Acq: 20 Nov 2023 11:42

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 43	Resp:	7762
Ion	Ratio	Lower Upper
43	100	
58	8.5	48.7 73.1#
57	12.7	16.8 25.2#
100	10.7	9.9 14.9

