

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054957.D
 Acq On : 29 Aug 2023 15:20
 Operator : MD/SY
 Sample : 04158-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:30:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 22:22:50 2023
 Response via : Initial Calibration

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

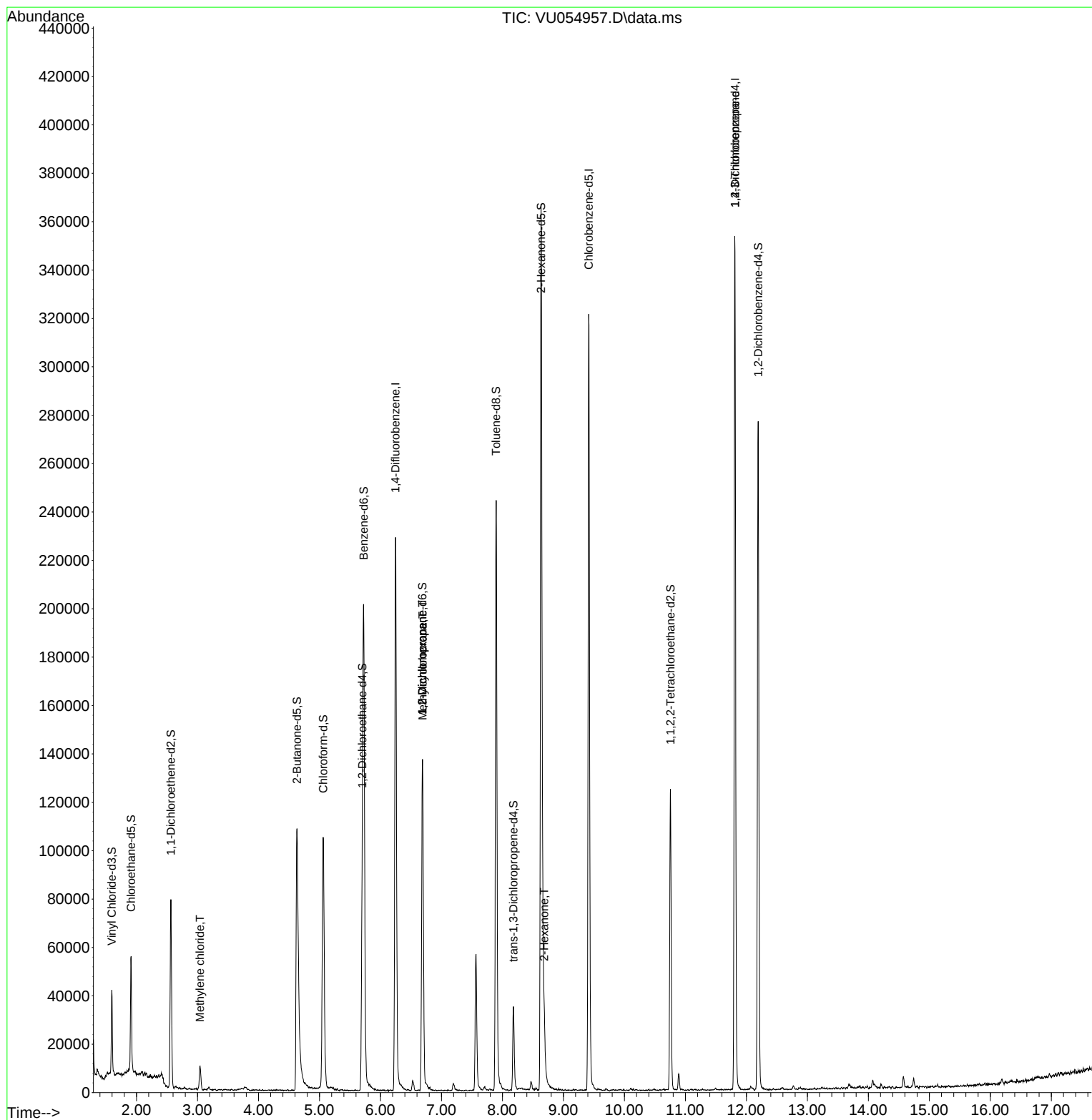
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	181346	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	173679	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	88965	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24418	4.266	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.911	69	34552	4.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.563	65	14516	4.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.631	46	179732	58.174	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.340%
24) Chloroform-d	5.061	84	96396	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.701	65	56967	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.724	84	180891	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.688	67	67291	4.901	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.897	98	165876	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.180	79	20171	4.464	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.634	63	121423	56.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.220%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	58340	4.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	70398	4.956	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	4543	0.361	ug/L	89
35) Methylcyclohexane	6.692	83	14591	0.869	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	7431	0.651	ug/L #	90
48) 2-Hexanone	8.685	43	14427	3.059	ug/L #	88
61) 1,2,3-Trichloropropane	11.814	75	12376	1.868	ug/L #	66

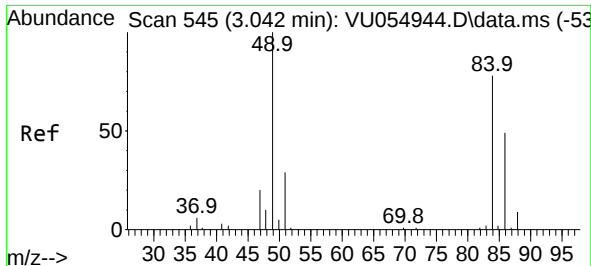
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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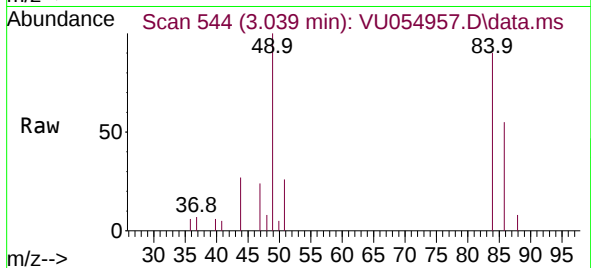
Quant Time: Aug 29 22:30:22 2023
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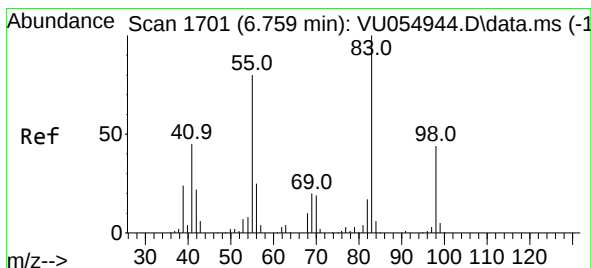
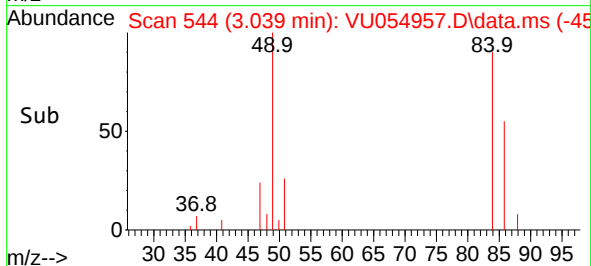
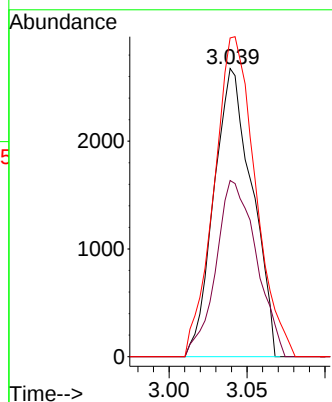


#16
Methylene chloride
Concen: 0.361 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU054957.D
Acq: 29 Aug 2023 15:20

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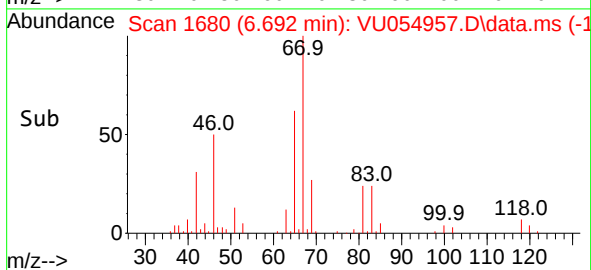
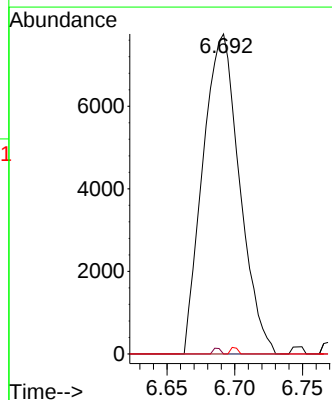
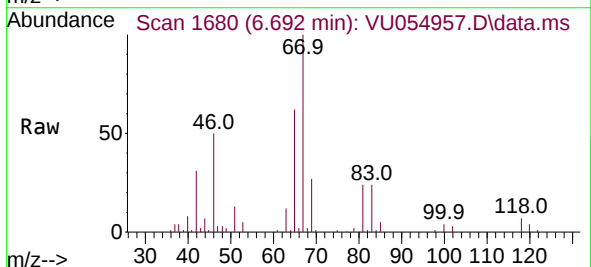


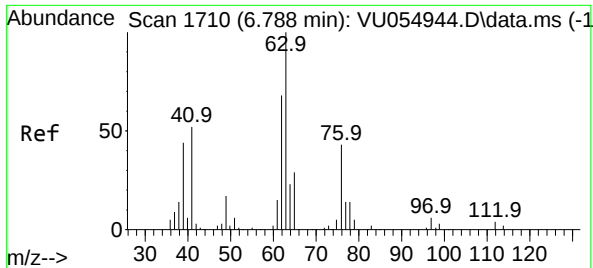
Tgt Ion: 84 Resp: 4543
Ion Ratio Lower Upper
84 100
86 61.1 45.1 83.7
49 110.6 89.5 166.3



#35
Methylcyclohexane
Concen: 0.869 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.068 min
Lab File: VU054957.D
Acq: 29 Aug 2023 15:20

Tgt Ion: 83 Resp: 14591
Ion Ratio Lower Upper
83 100
55 0.4 62.1 93.1#
98 0.4 37.8 56.6#

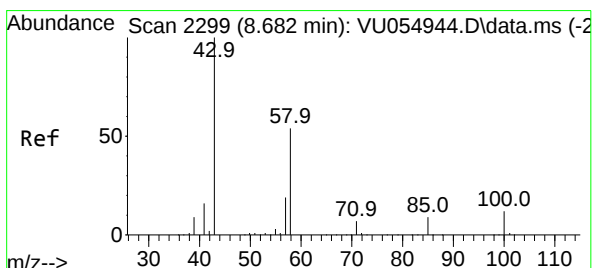
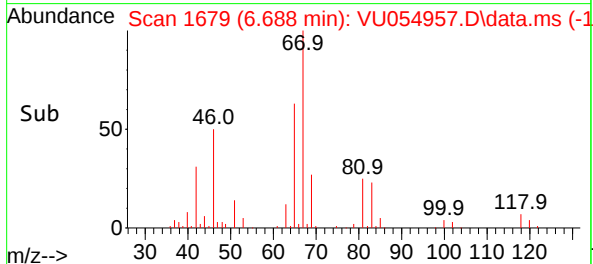
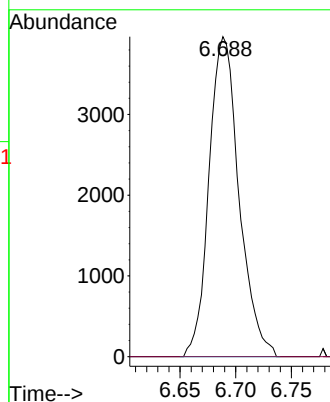
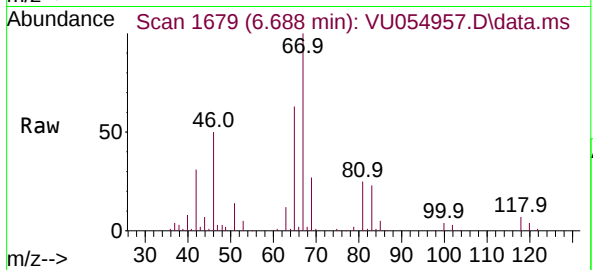




#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.688 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU054957.D
Acq: 29 Aug 2023 15:20

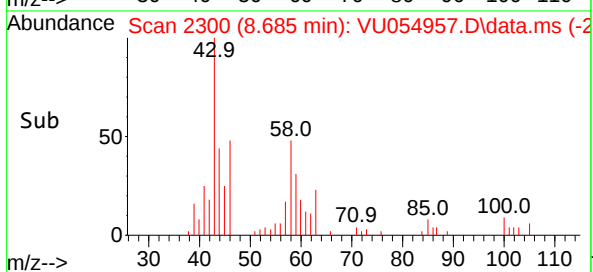
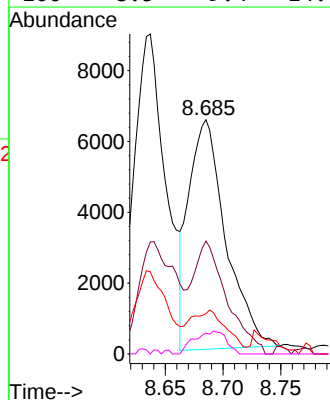
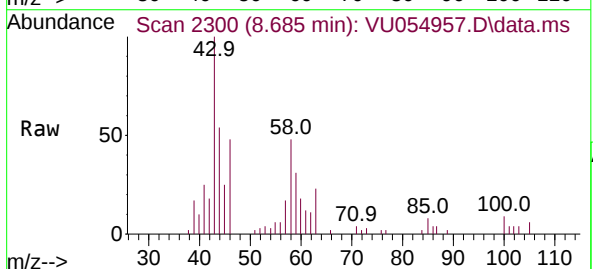
Instrument :
MSVOA_U
ClientSampleId :

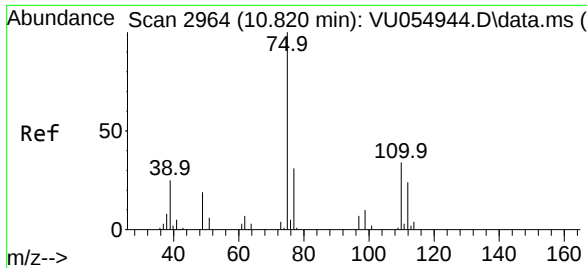
Tgt Ion: 63 Resp: 7431
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#48
2-Hexanone
Concen: 3.059 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU054957.D
Acq: 29 Aug 2023 15:20

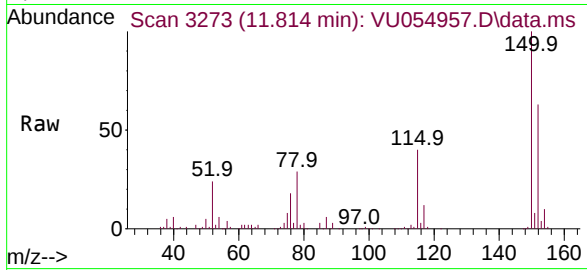
Tgt Ion: 43 Resp: 14427
Ion Ratio Lower Upper
43 100
58 43.5 44.0 66.0#
57 18.6 15.9 23.9
100 8.5 9.4 14.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.868 ug/L
 RT: 11.814 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU054957.D
 Acq: 29 Aug 2023 15:20

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 12376
 Ion Ratio Lower Upper
 75 100
 110 2.0 29.0 43.6#
 77 36.9 26.5 39.7

