

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055606.D
 Acq On : 02 Oct 2023 15:50
 Operator : MD/SY
 Sample : 04679-23
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 04:57:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	144390	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	155033	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	74396	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	63277	4.336	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.800%	
7) Chloroethane-d5	1.914	69	67437	5.244	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.800%	
11) 1,1-Dichloroethene-d2	2.566	65	24721	4.115	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.400%	
20) 2-Butanone-d5	4.634	46	141528	53.692	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.380%	
24) Chloroform-d	5.061	84	127705	4.838	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
26) 1,2-Dichloroethane-d4	5.701	65	65400	5.151	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
32) Benzene-d6	5.727	84	235132	4.336	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
36) 1,2-Dichloropropane-d6	6.688	67	76164	4.701	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.000%	
41) Toluene-d8	7.897	98	196701	3.980	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	8.180	79	25861	4.548	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.634	63	78534	45.409	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.820%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	57302	4.719	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	66044	4.398	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.000%	

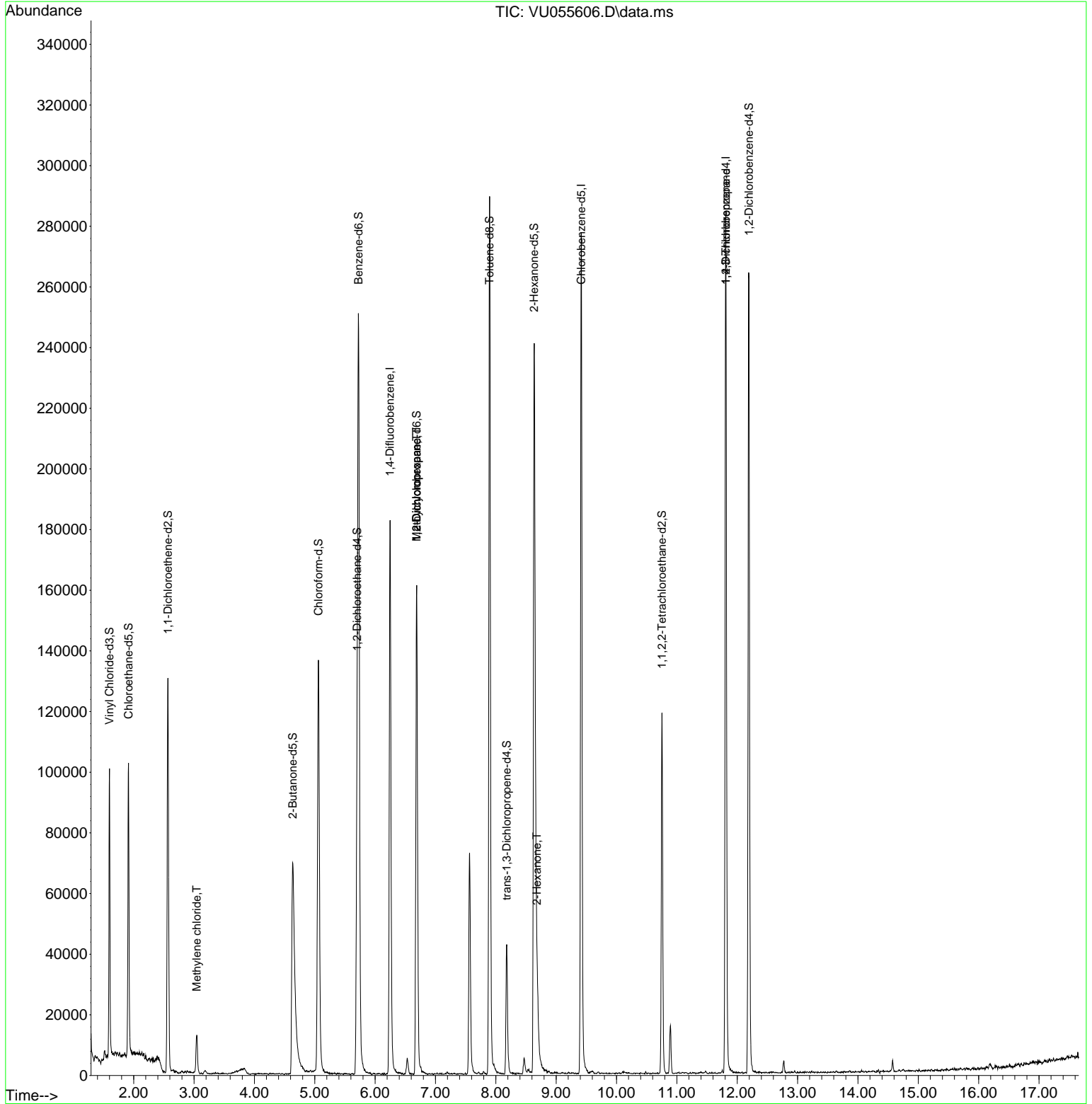
Target Compounds						Qvalue
16) Methylene chloride	3.045	84	5598	0.463	ug/L	91
35) Methylcyclohexane	6.688	83	18554	1.020	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	8517	0.730	ug/L #	90
48) 2-Hexanone	8.682	43	14500	3.534	ug/L #	79
61) 1,2,3-Trichloropropane	11.810	75	10377	1.787	ug/L #	67

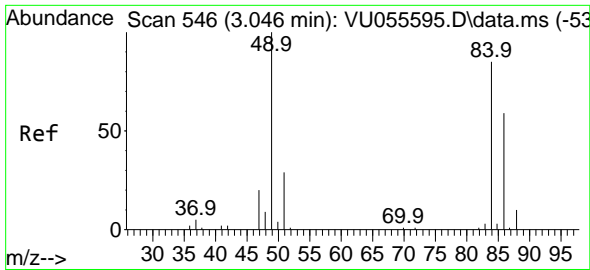
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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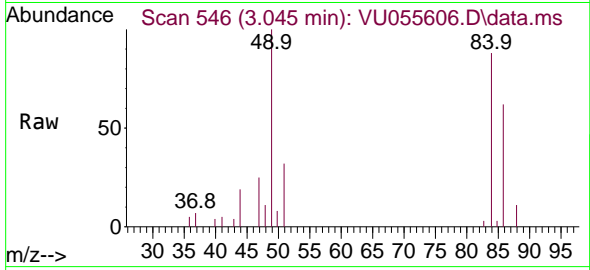
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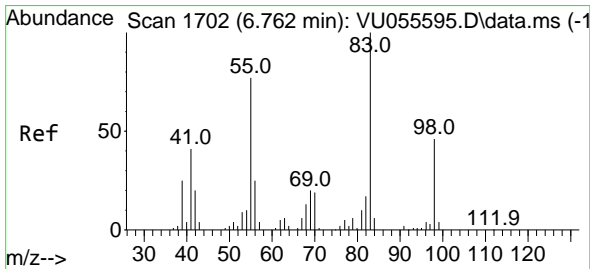
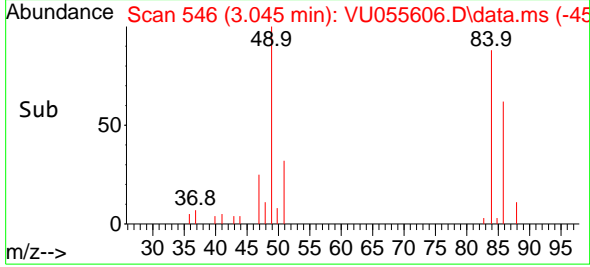
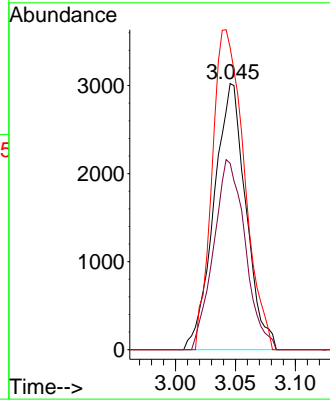
#16
 Methylene chloride
 Concen: 0.463 ug/L
 RT: 3.045 min Scan# 54
 Delta R.T. 0.003 min
 Lab File: VU055606.D
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Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 84 Resp: 5598

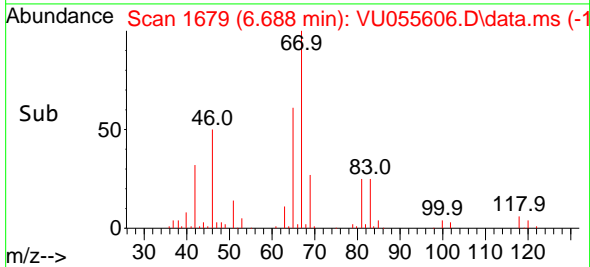
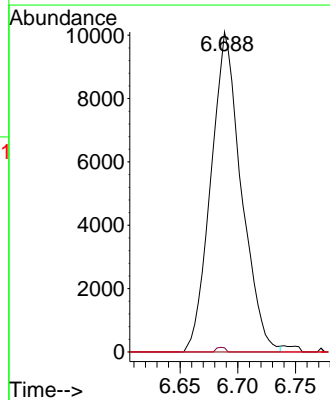
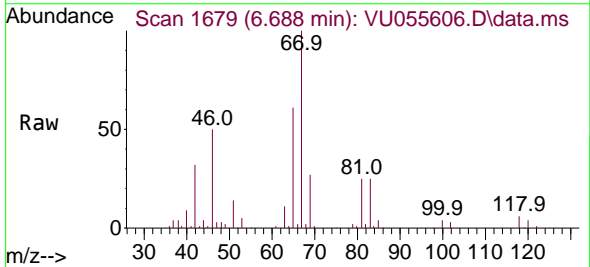
Ion	Ratio	Lower	Upper
84	100		
86	70.1	44.9	83.3
49	122.4	78.8	146.3

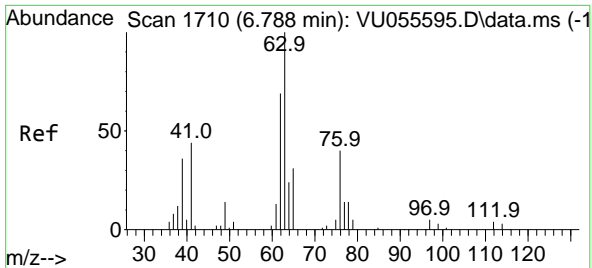


#35
 Methylcyclohexane
 Concen: 1.020 ug/L
 RT: 6.688 min Scan# 1679
 Delta R.T. -0.071 min
 Lab File: VU055606.D
 Acq: 02 Oct 2023 15:50

Tgt Ion: 83 Resp: 18554

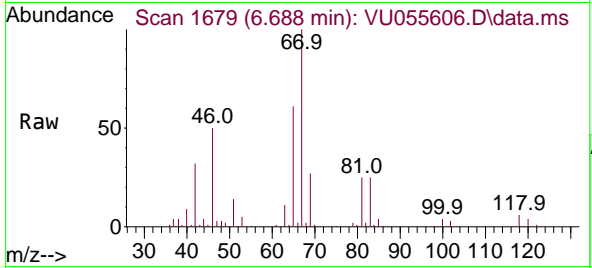
Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.1	88.7#
98	1.0	36.3	54.5#



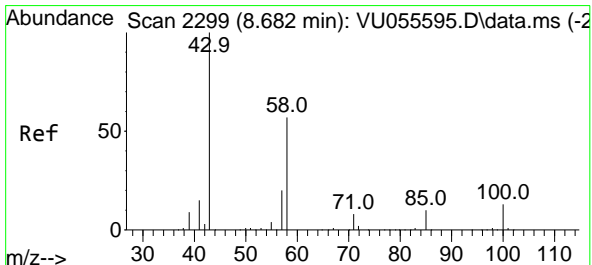
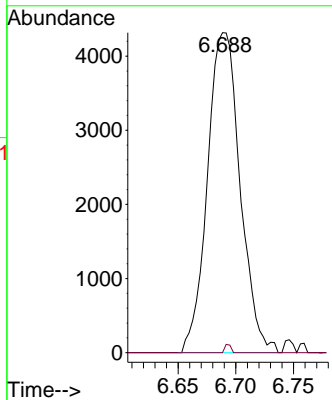
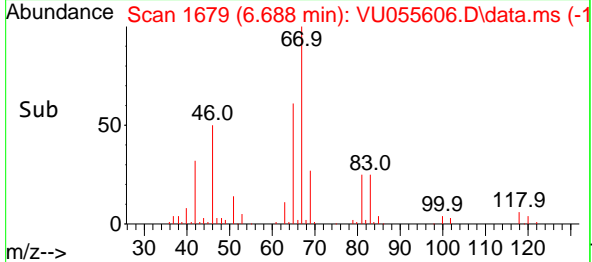


#37
 1,2-Dichloropropane
 Concen: 0.730 ug/L
 RT: 6.688 min Scan# 1679
 Delta R.T. -0.100 min
 Lab File: VU055606.D
 Acq: 02 Oct 2023 15:50

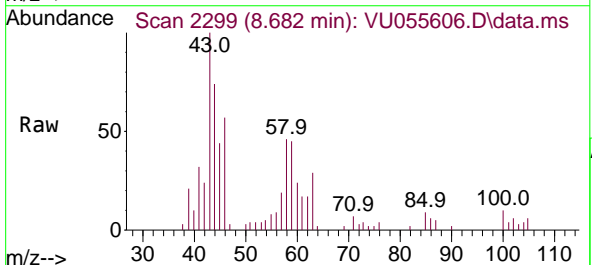
Instrument : MSVOA_U
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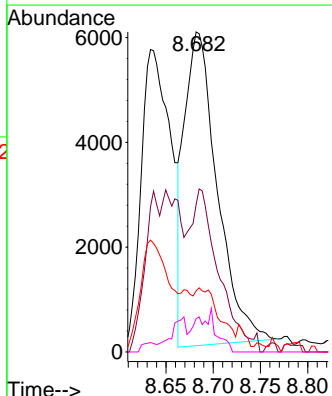
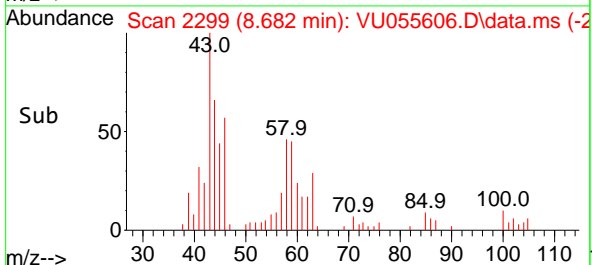
Tgt Ion: 63 Resp: 8517
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.0 4.6#

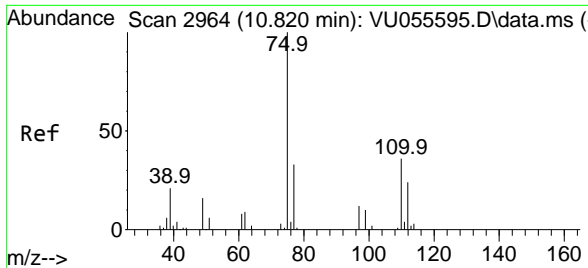


#48
 2-Hexanone
 Concen: 3.534 ug/L
 RT: 8.682 min Scan# 2299
 Delta R.T. -0.001 min
 Lab File: VU055606.D
 Acq: 02 Oct 2023 15:50



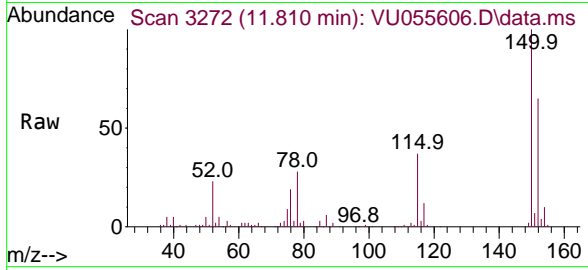
Tgt Ion: 43 Resp: 14500
 Ion Ratio Lower Upper
 43 100
 58 43.6 48.5 72.7#
 57 15.2 17.0 25.4#
 100 1.0 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.787 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055606.D
 Acq: 02 Oct 2023 15:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10377

Ion	Ratio	Lower	Upper
75	100		
110	3.7	30.6	45.8#
77	36.6	26.7	40.1

