

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054974.D
 Acq On : 29 Aug 2023 23:10
 Operator : MD/SY
 Sample : 04209-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 01:42:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 30 01:18:16 2023
 Response via : Initial Calibration

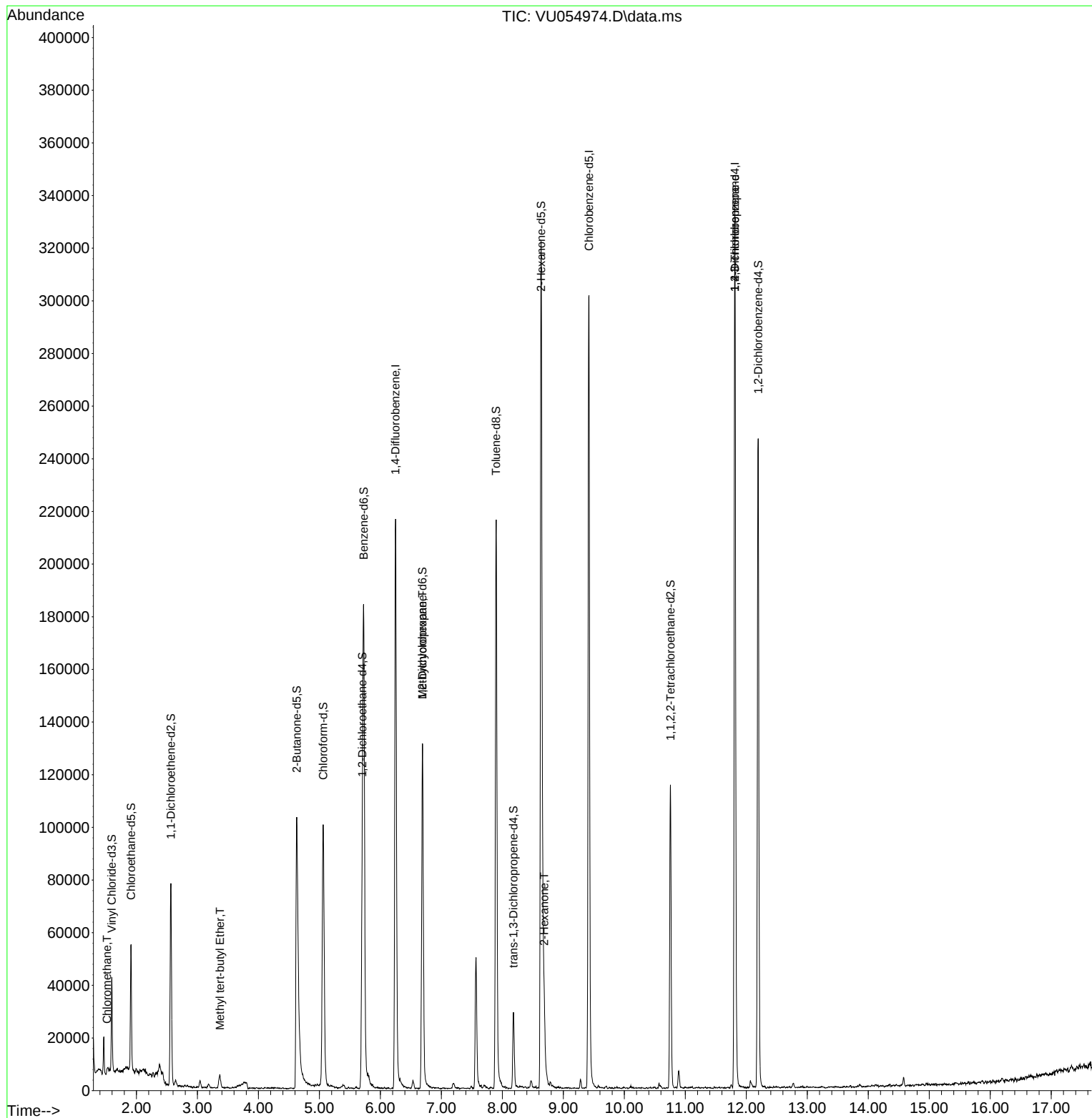
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	171307	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.419	117	167590	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	85221	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24628	4.555	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.200%	
7) Chloroethane-d5	1.911	69	33146	4.745	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.000%	
11) 1,1-Dichloroethene-d2	2.564	65	14857	4.862	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.200%	
20) 2-Butanone-d5	4.628	46	164775	56.458	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.920%	
24) Chloroform-d	5.062	84	91395	4.557	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	5.702	65	53465	5.010	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.724	84	167648	4.450	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.689	67	60713	4.582	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.600%	
41) Toluene-d8	7.898	98	148577	4.118	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.400%	
43) trans-1,3-Dichloroprop...	8.181	79	17303	3.968	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.400%	
46) 2-Hexanone-d5	8.634	63	108782	52.563	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.120%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	56833	5.002	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	61987	4.556	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.200%	
Target Compounds						
3) Chloromethane	1.519	50	1654	0.149	ug/L	95
17) Methyl tert-butyl Ether	3.367	73	5405	0.240	ug/L #	90
35) Methylcyclohexane	6.689	83	14417	0.889	ug/L #	18
48) 2-Hexanone	8.686	43	15548	3.417	ug/L #	91
61) 1,2,3-Trichloropropane	11.811	75	12615	1.988	ug/L #	70

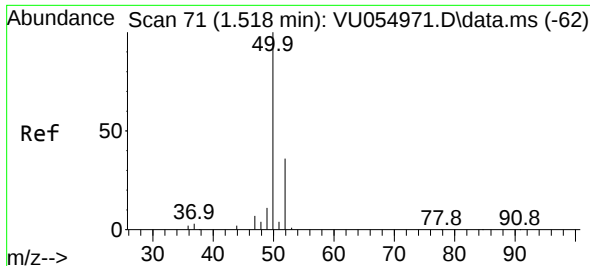
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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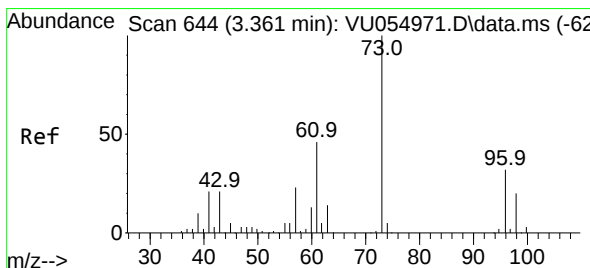
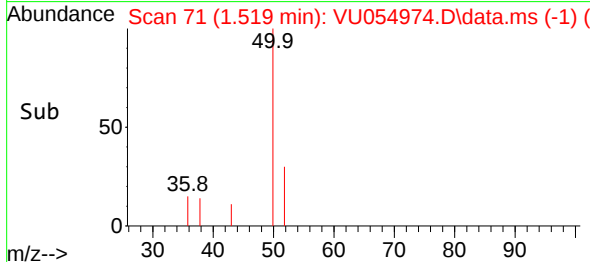
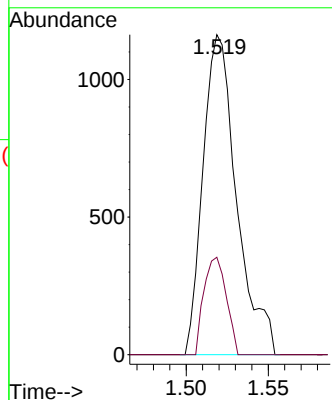
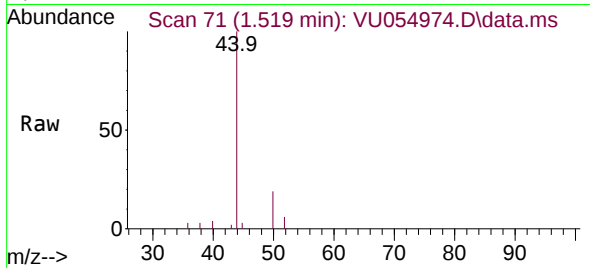




#3
 Chloromethane
 Concen: 0.149 ug/L
 RT: 1.519 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU054974.D
 Acq: 29 Aug 2023 23:10

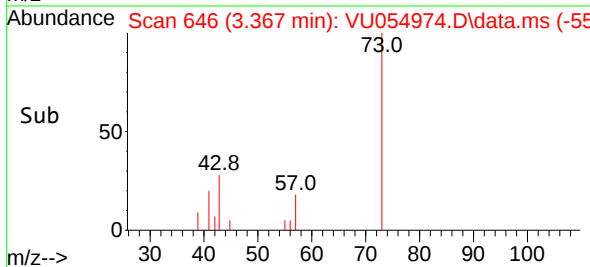
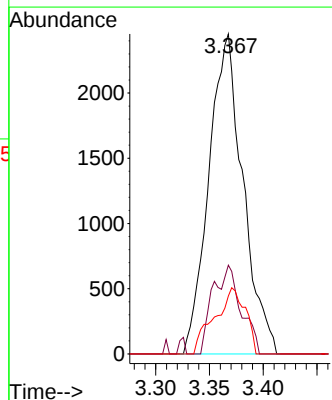
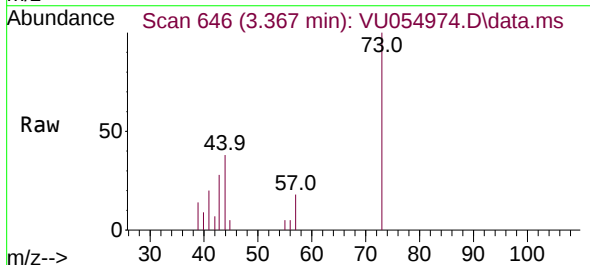
Instrument :
 MSVOA_U
 ClientSampleId :

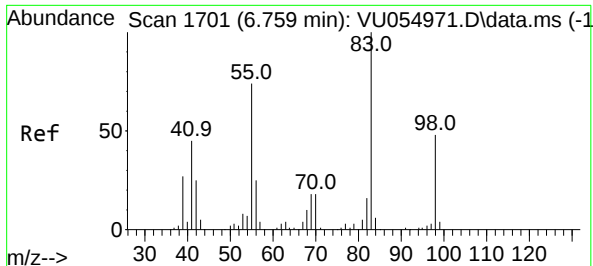
Tgt Ion: 50 Resp: 1654
 Ion Ratio Lower Upper
 50 100
 52 30.4 23.4 43.6



#17
 Methyl tert-butyl Ether
 Concen: 0.240 ug/L
 RT: 3.367 min Scan# 646
 Delta R.T. 0.007 min
 Lab File: VU054974.D
 Acq: 29 Aug 2023 23:10

Tgt Ion: 73 Resp: 5405
 Ion Ratio Lower Upper
 73 100
 43 14.0 16.2 24.2#
 57 18.7 17.4 26.0





#35

Methylcyclohexane

Concen: 0.889 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.070 min

Lab File: VU054974.D

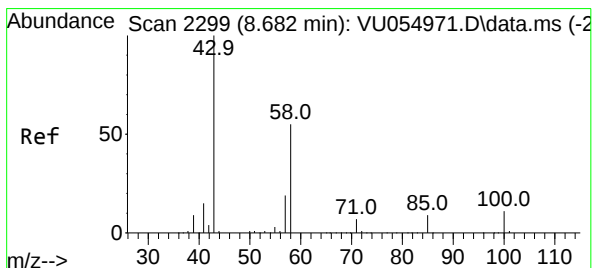
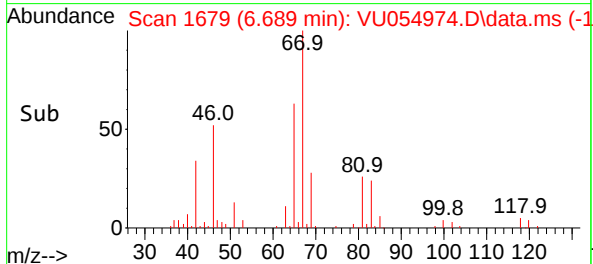
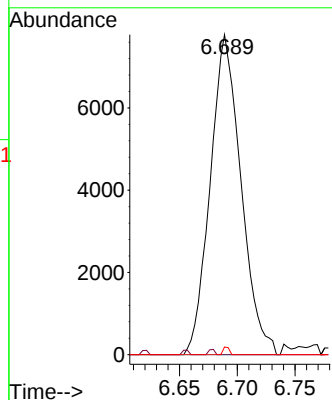
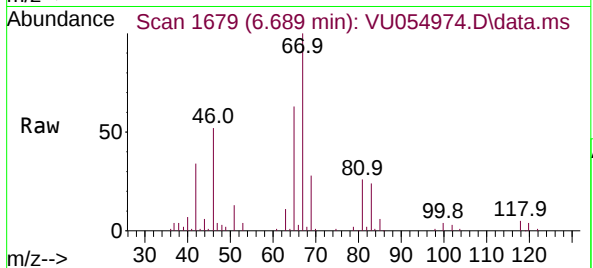
Acq: 29 Aug 2023 23:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 14417
Ion Ratio	Lower Upper
83 100	
55 0.3	62.1 93.1#
98 0.5	37.8 56.6#



#48

2-Hexanone

Concen: 3.417 ug/L

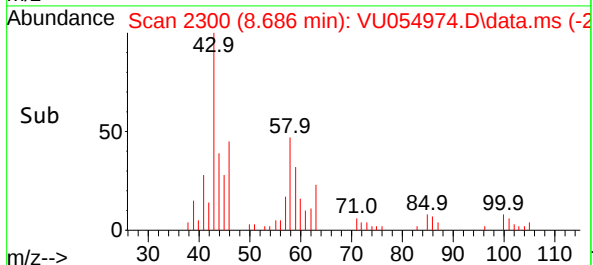
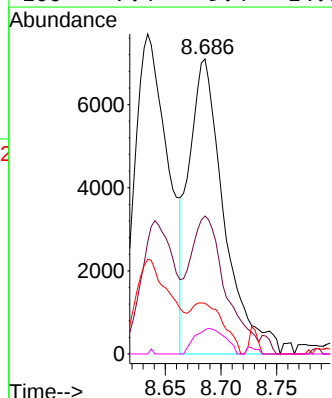
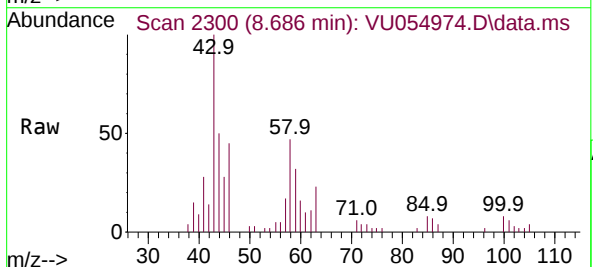
RT: 8.686 min Scan# 2300

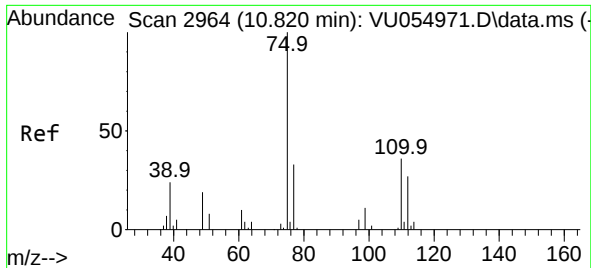
Delta R.T. 0.003 min

Lab File: VU054974.D

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Tgt Ion: 43	Resp: 15548
Ion Ratio	Lower Upper
43 100	
58 48.7	44.0 66.0
57 15.8	15.9 23.9#
100 7.4	9.4 14.0#





#61

1,2,3-Trichloropropane

Concen: 1.988 ug/L

RT: 11.811 min Scan# 31

Delta R.T. 0.991 min

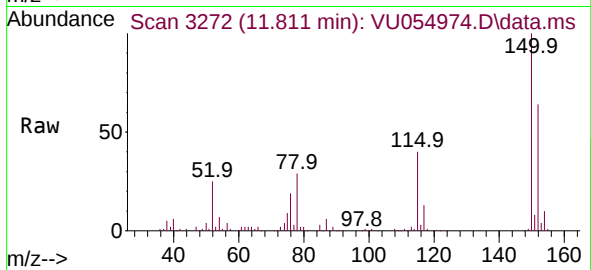
Lab File: VU054974.D

Acq: 29 Aug 2023 23:10

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 12615

Ion Ratio Lower Upper

75 100

110 2.9 29.0 43.6#

77 32.8 26.5 39.7

