

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100423\
 Data File : VU055660.D
 Acq On : 04 Oct 2023 15:54
 Operator : MD/SY
 Sample : 04743-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 23:02:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 23:00:34 2023
 Response via : Initial Calibration

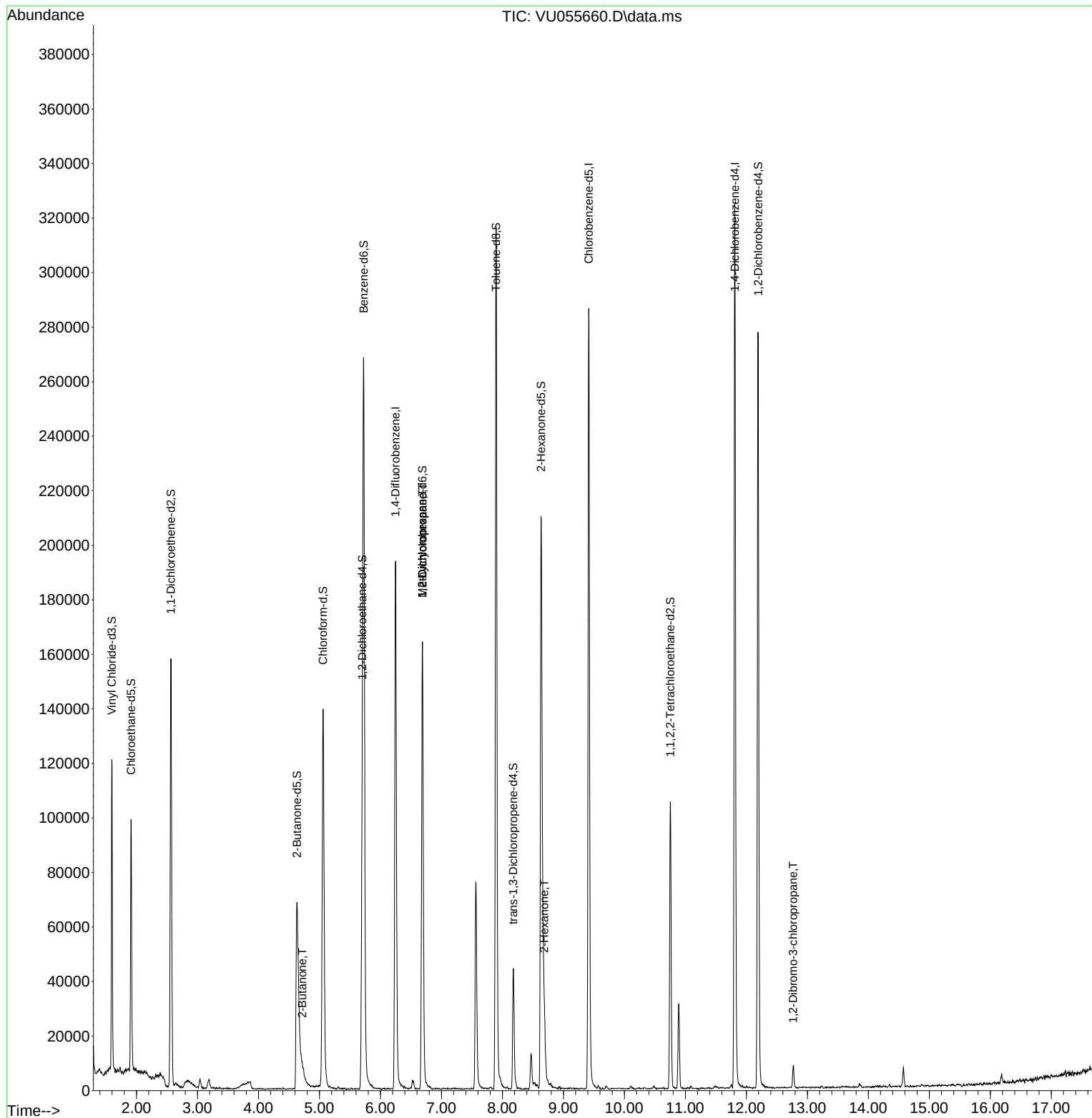
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	154332	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	163758	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	83812	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	79837	5.118	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.400%	
7) Chloroethane-d5	1.911	69	64508	4.693	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.800%	
11) 1,1-Dichloroethene-d2	2.563	65	29500	4.595	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.800%	
20) 2-Butanone-d5	4.631	46	123158	43.713	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.420%	
24) Chloroform-d	5.058	84	131095	4.647	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.702	65	63462	4.676	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
32) Benzene-d6	5.724	84	255171	4.455	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.689	67	81763	4.778	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.600%	
41) Toluene-d8	7.898	98	218567	4.187	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	8.177	79	27043	4.503	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.634	63	68754	37.636	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.280%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55156	4.300	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	72839	4.306	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.200%	
Target Compounds						
21) 2-Butanone	4.718	43	3606	1.531	ug/L	91
35) Methylcyclohexane	6.689	83	18243	0.950	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	8652	0.702	ug/L #	91
48) 2-Hexanone	8.685	43	15532	3.584	ug/L #	82
68) 1,2-Dibromo-3-chloropr...	12.766	75	351	0.310	ug/L #	2

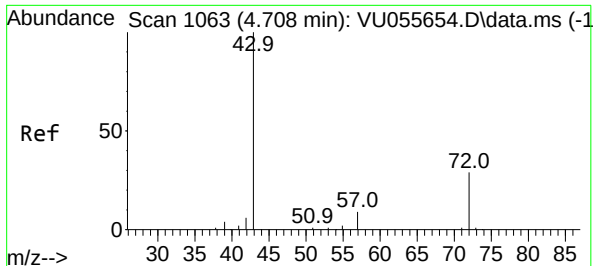
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 1.531 ug/L

RT: 4.718 min Scan# 1066

Delta R.T. 0.010 min

Lab File: VU055660.D

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MSVOA_U

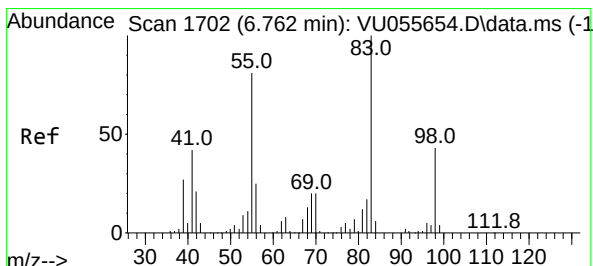
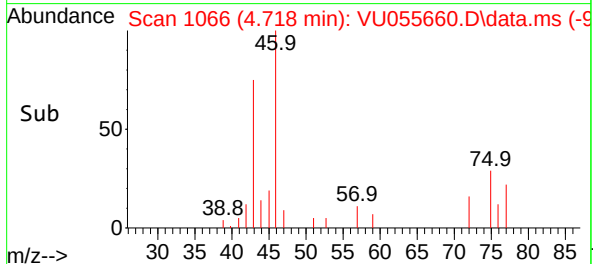
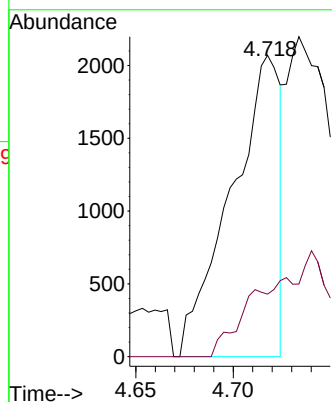
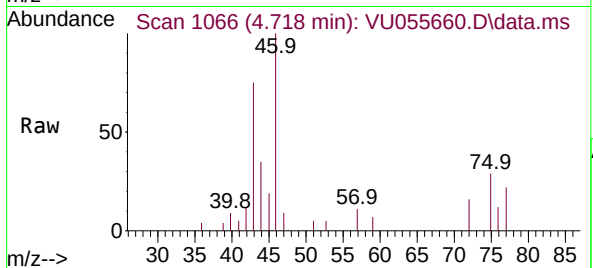
ClientSampleId :

Tgt Ion: 43 Resp: 3606

Ion Ratio Lower Upper

43 100

72 25.1 15.1 45.3



#35

Methylcyclohexane

Concen: 0.950 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.074 min

Lab File: VU055660.D

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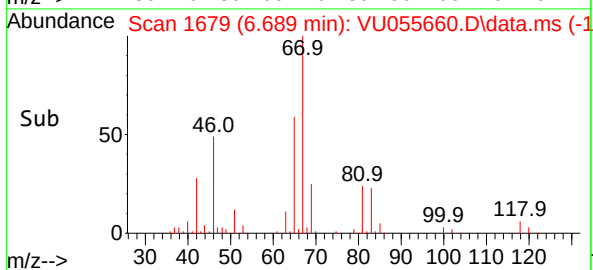
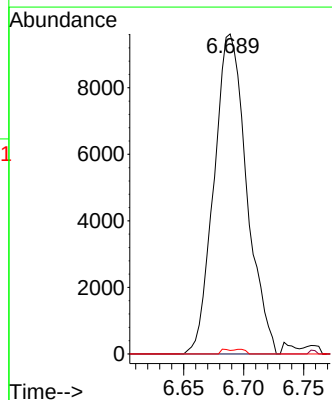
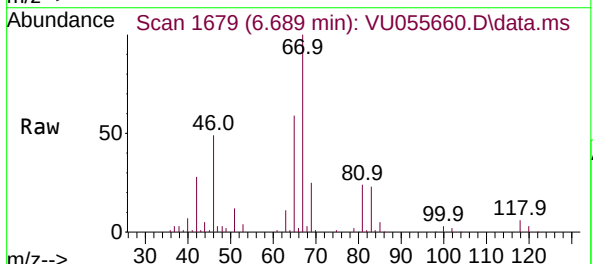
Tgt Ion: 83 Resp: 18243

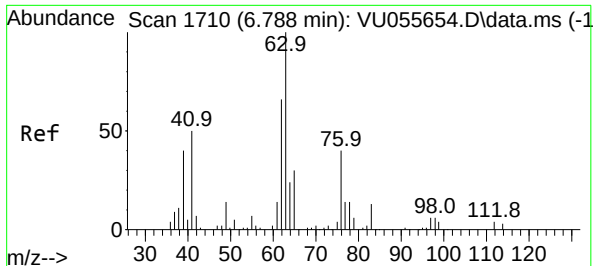
Ion Ratio Lower Upper

83 100

55 0.2 59.1 88.7#

98 0.5 36.3 54.5#

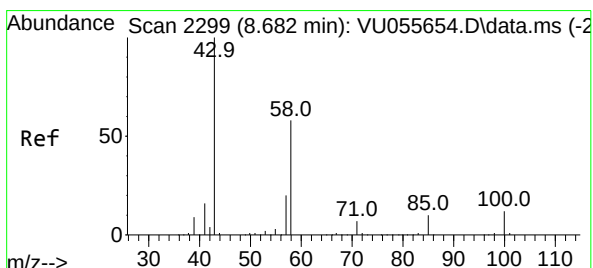
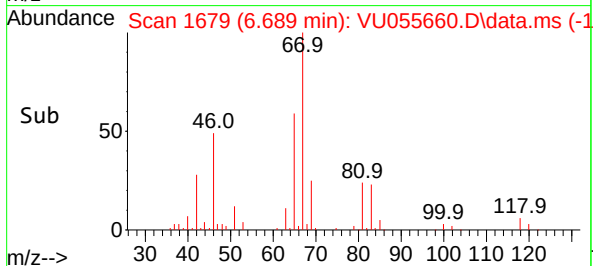
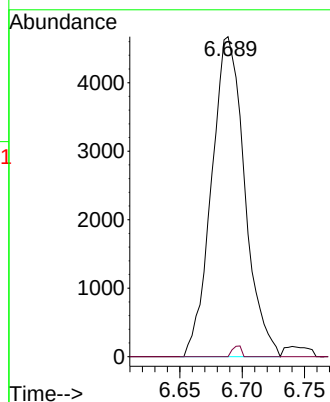
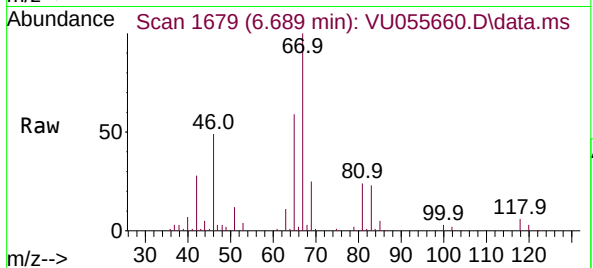




#37
1,2-Dichloropropane
Concen: 0.702 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055660.D
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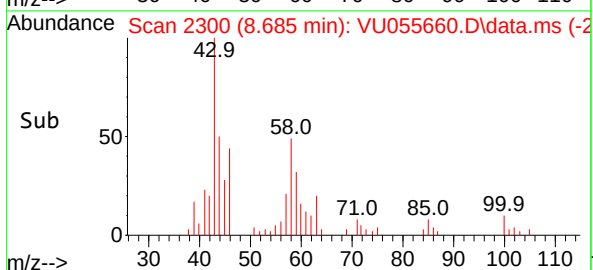
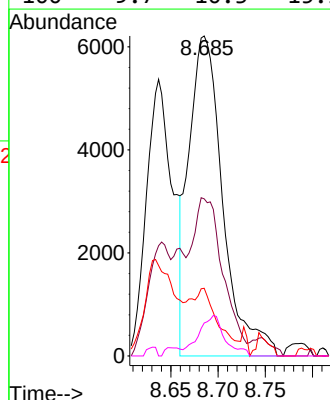
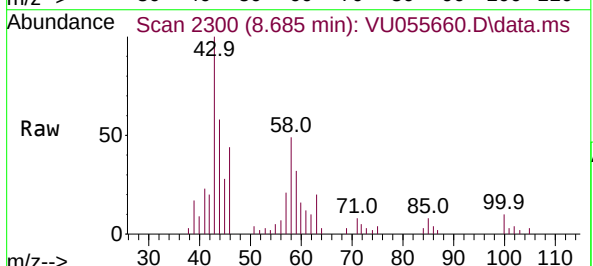
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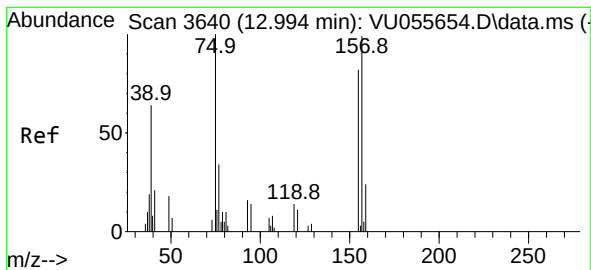
Tgt Ion: 63 Resp: 8652
Ion Ratio Lower Upper
63 100
112 0.9 3.0 4.6#



#48
2-Hexanone
Concen: 3.584 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055660.D
Acq: 04 Oct 2023 15:54

Tgt Ion: 43 Resp: 15532
Ion Ratio Lower Upper
43 100
58 45.0 48.5 72.7#
57 12.9 17.0 25.4#
100 9.7 10.3 15.5#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.310 ug/L

RT: 12.766 min Scan# 3

Delta R.T. -0.228 min

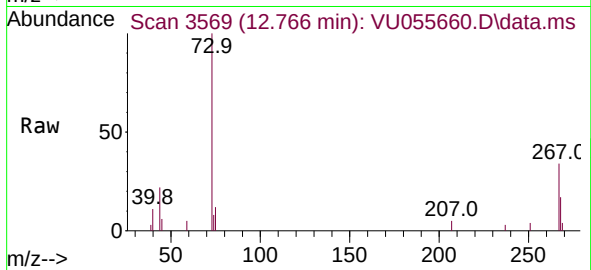
Lab File: VU055660.D

Acq: 04 Oct 2023 15:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 351

Ion Ratio Lower Upper

75 100

155 0.0 69.2 103.8#

157 0.0 81.9 122.9#

