

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055330.D
 Acq On : 15 Sep 2023 02:12
 Operator : MD/SY
 Sample : 04380-13 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 06:47:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 15 02:53:52 2023
 Response via : Initial Calibration

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

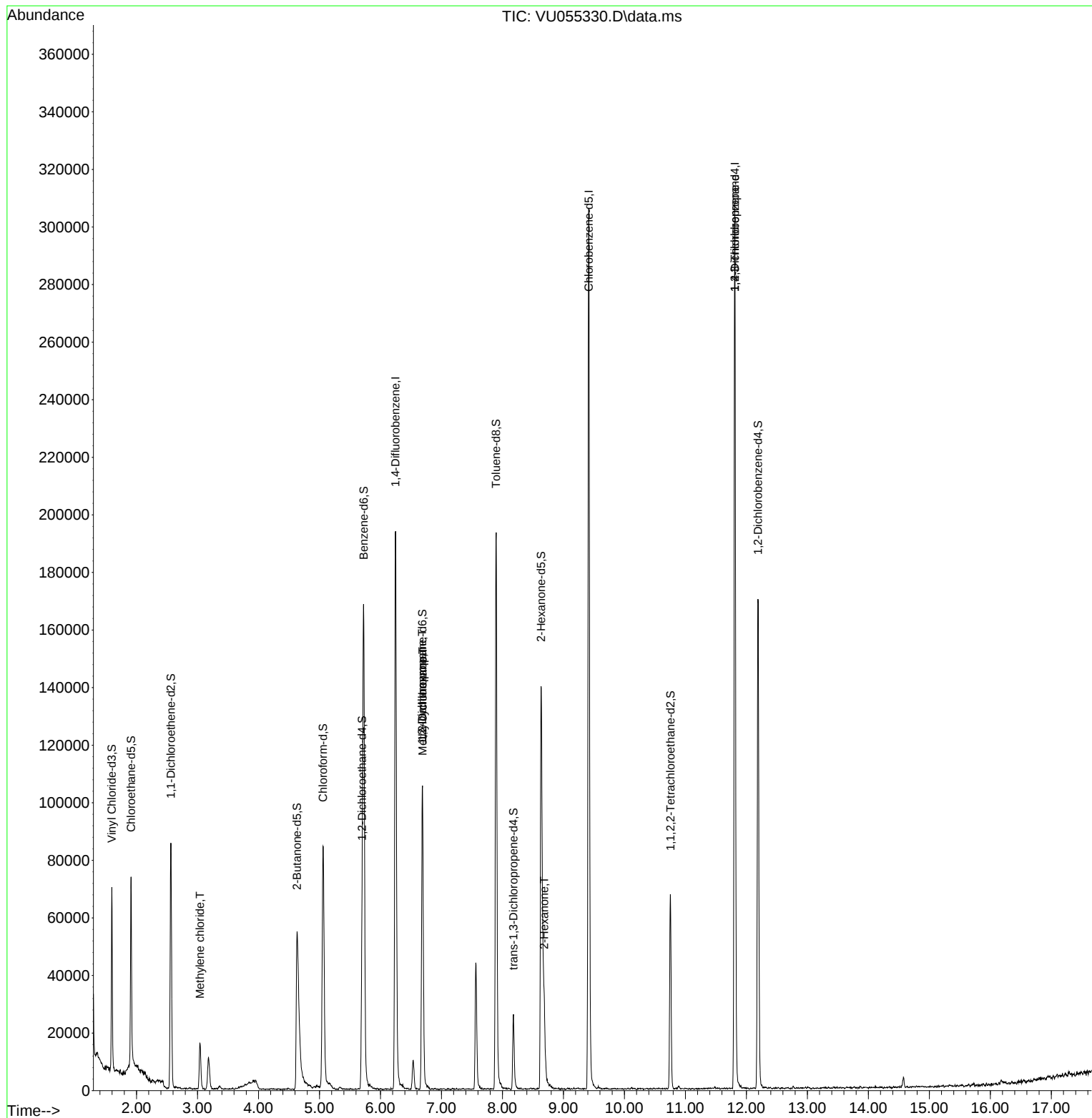
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	159369	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	172259	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	78365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42231	5.654	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	113.000%	
7) Chloroethane-d5	1.911	69	45520	5.265	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.200%	
11) 1,1-Dichloroethene-d2	2.563	65	16123	3.788	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.800%	
20) 2-Butanone-d5	4.631	46	87255	40.255	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	80.520%	
24) Chloroform-d	5.058	84	79175	3.995	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
26) 1,2-Dichloroethane-d4	5.698	65	41420	4.177	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
32) Benzene-d6	5.724	84	154786	3.640	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	72.800%	
36) 1,2-Dichloropropane-d6	6.689	67	51290	3.793	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	75.800%	
41) Toluene-d8	7.897	98	134301	3.429	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.600%#	
43) trans-1,3-Dichloroprop...	8.180	79	15370	4.127	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.600%	
46) 2-Hexanone-d5	8.634	63	45560	30.132	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	60.260%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	35109	3.691	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	73.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	45857	4.009	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	80.200%	
Target Compounds						
16) Methylene chloride	3.039	84	7391	0.657	ug/L	95
35) Methylcyclohexane	6.692	83	11997	0.839	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	5701	0.571	ug/L #	89
48) 2-Hexanone	8.685	43	14765	3.311	ug/L #	92
61) 1,2,3-Trichloropropane	11.810	75	10852	2.087	ug/L #	69

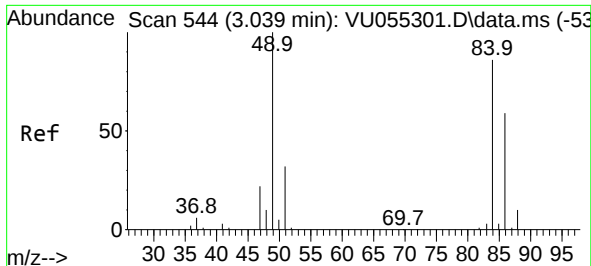
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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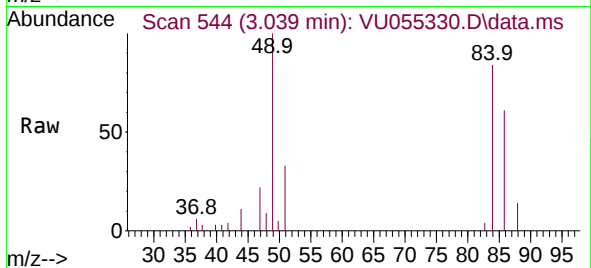
Quant Time: Sep 15 06:47:22 2023
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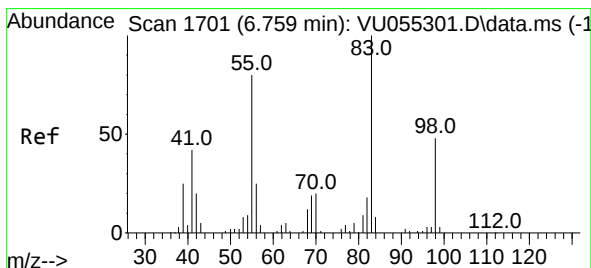
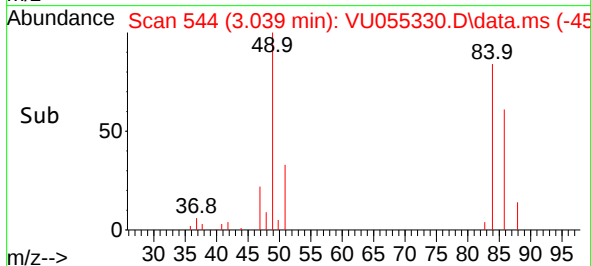
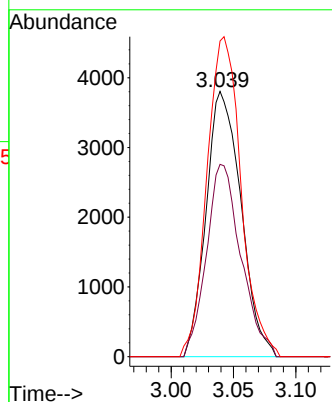


#16
Methylene chloride
Concen: 0.657 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055330.D
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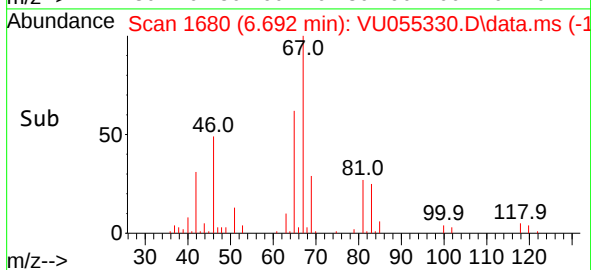
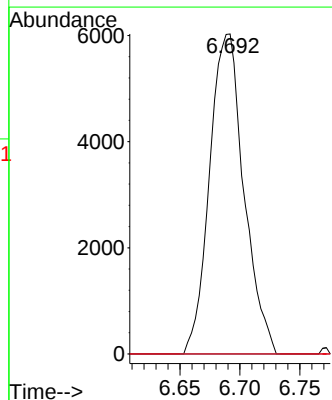
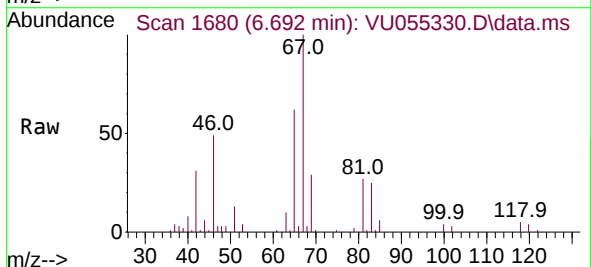


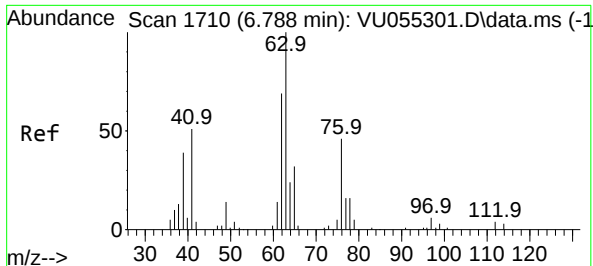
Tgt Ion: 84 Resp: 7391
Ion Ratio Lower Upper
84 100
86 72.5 43.4 80.6
49 125.4 87.7 162.9



#35
Methylcyclohexane
Concen: 0.839 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.067 min
Lab File: VU055330.D
Acq: 15 Sep 2023 02:12

Tgt Ion: 83 Resp: 11997
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 3.7 35.3 52.9#

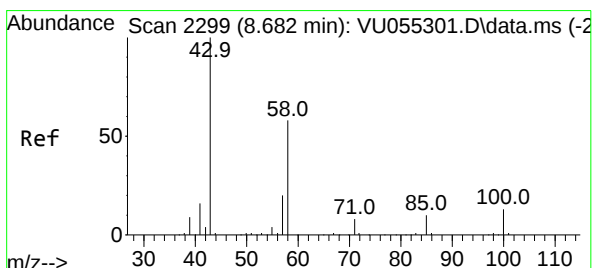
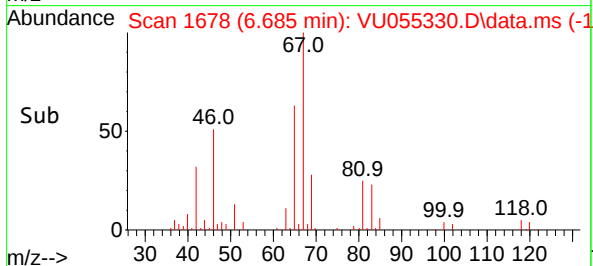
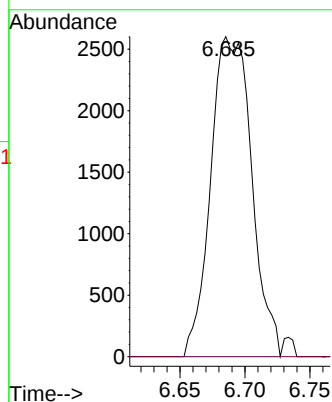
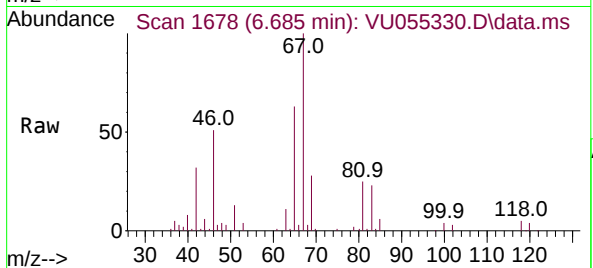




#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU055330.D
Acq: 15 Sep 2023 02:12

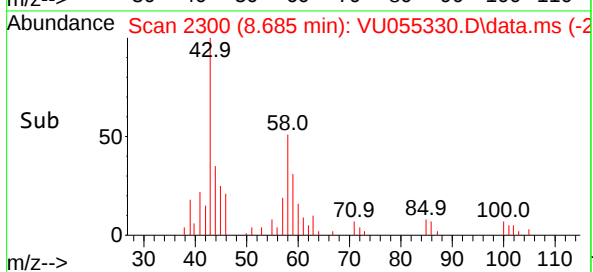
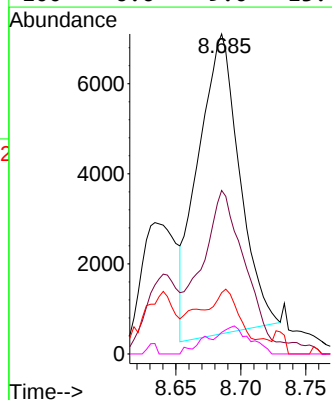
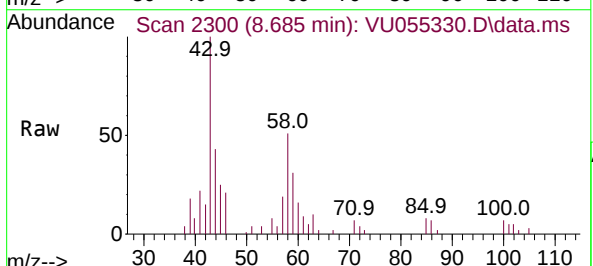
Instrument :
MSVOA_U
ClientSampleId :

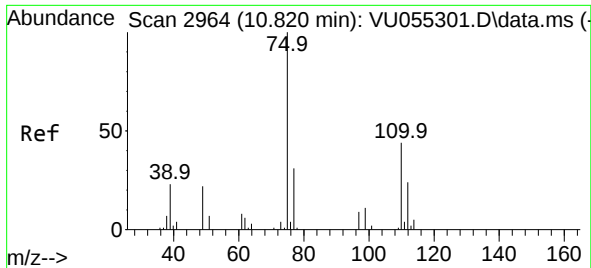
Tgt Ion: 63 Resp: 5701
Ion Ratio Lower Upper
63 100
112 0.4 3.2 4.8#



#48
2-Hexanone
Concen: 3.311 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055330.D
Acq: 15 Sep 2023 02:12

Tgt Ion: 43 Resp: 14765
Ion Ratio Lower Upper
43 100
58 58.9 44.0 66.0
57 14.7 16.2 24.2#
100 6.6 9.0 13.4#





#61

1,2,3-Trichloropropane

Concen: 2.087 ug/L

RT: 11.810 min Scan# 31

Delta R.T. 0.990 min

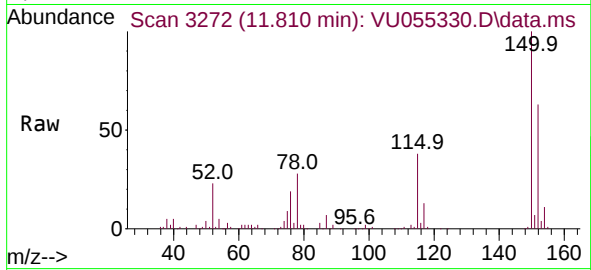
Lab File: VU055330.D

Acq: 15 Sep 2023 02:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 10852

Ion Ratio Lower Upper

75 100

110 2.2 28.2 42.2#

77 31.5 26.2 39.4

