

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
 Data File : VU055031.D
 Acq On : 31 Aug 2023 19:17
 Operator : MD/SY
 Sample : 04153-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 05:03:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 04:57:47 2023
 Response via : Initial Calibration

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

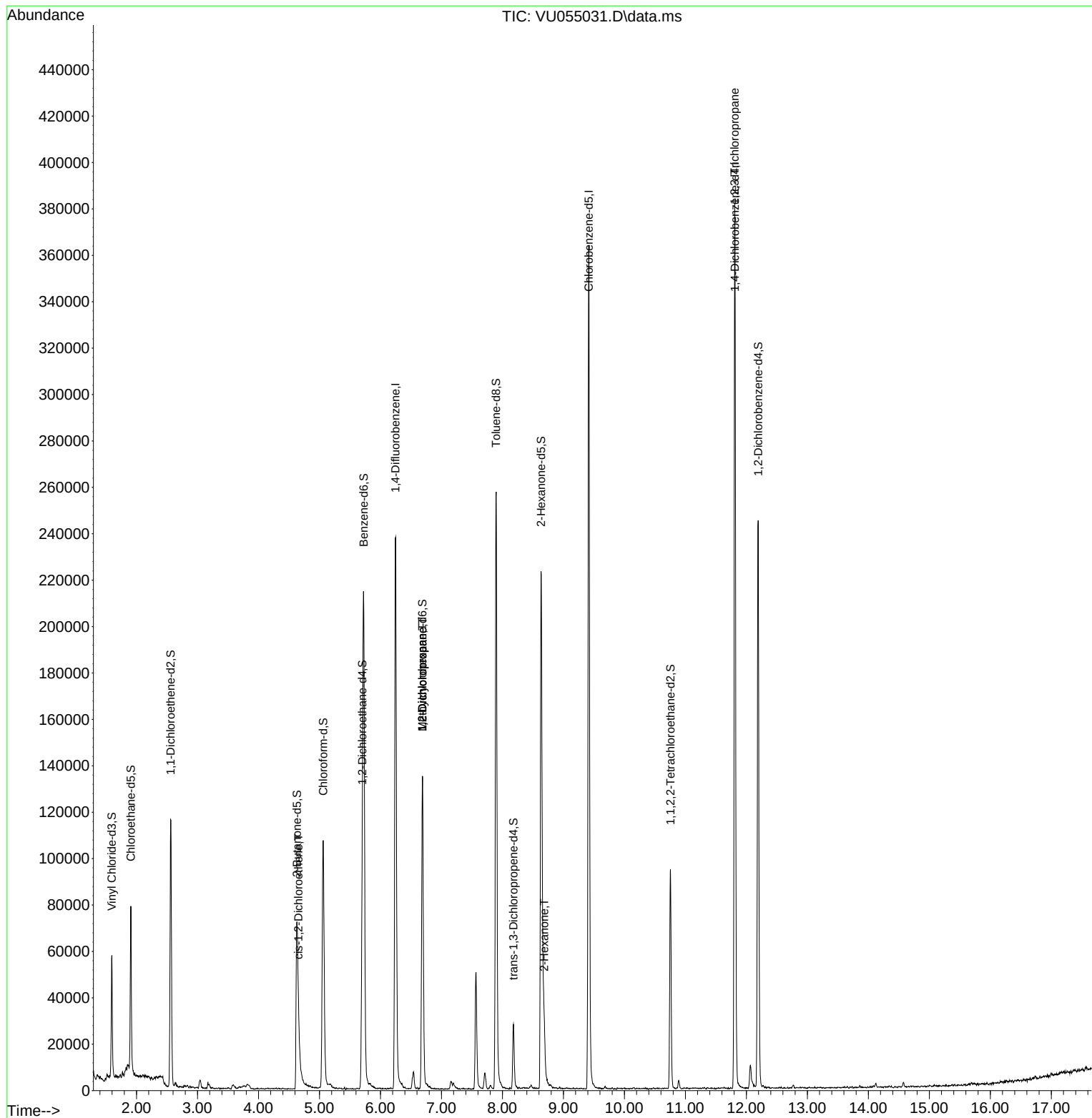
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	192736	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	194789	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	99422	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	37624	6.185	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	123.800%	
7) Chloroethane-d5	1.907	69	45460	5.784	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	115.600%	
11) 1,1-Dichloroethene-d2	2.560	65	22248	6.471	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	129.400%#	
20) 2-Butanone-d5	4.631	46	121757	37.080	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	74.160%	
24) Chloroform-d	5.061	84	98420	4.361	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
26) 1,2-Dichloroethane-d4	5.701	65	52201	4.347	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.000%	
32) Benzene-d6	5.724	84	199454	4.555	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.688	67	63888	4.149	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.000%	
41) Toluene-d8	7.897	98	176634	4.212	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
43) trans-1,3-Dichloroprop...	8.180	79	16805	3.316	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	66.400%	
46) 2-Hexanone-d5	8.634	63	72831	30.278	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	60.560%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	46021	3.485	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	69.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	61723	3.888	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	77.800%#	
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.656	96	1235	0.109	ug/L	87
35) Methylcyclohexane	6.688	83	14380	0.763	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	7315	0.571	ug/L #	90
48) 2-Hexanone	8.685	43	14979	2.832	ug/L #	69
61) 1,2,3-Trichloropropane	11.807	75	13277	1.794	ug/L #	67

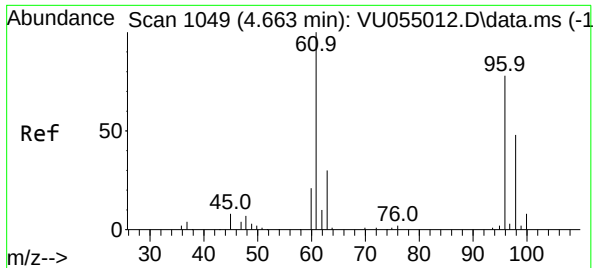
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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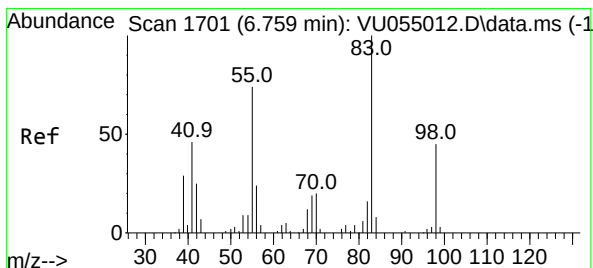
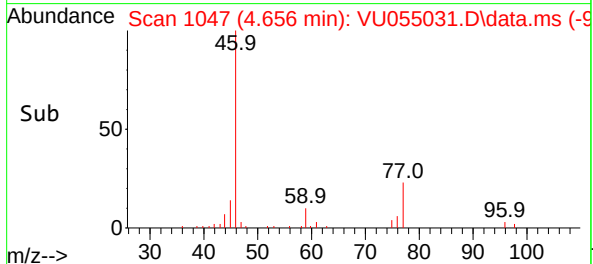
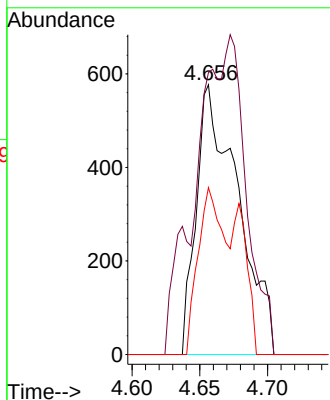
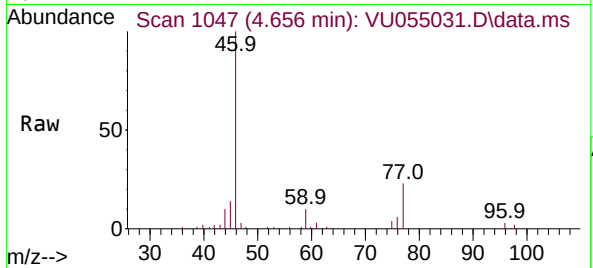




#22
 cis-1,2-Dichloroethene
 Concen: 0.109 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.006 min
 Lab File: VU055031.D
 Acq: 31 Aug 2023 19:17

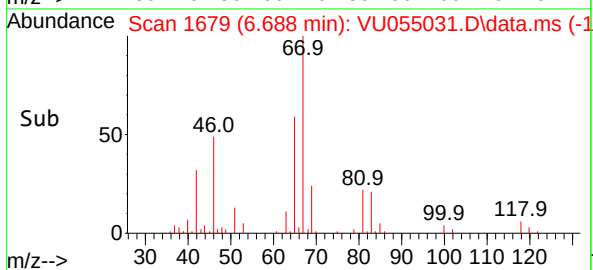
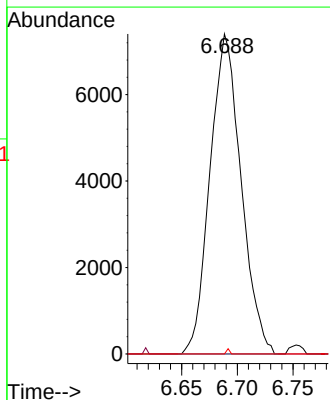
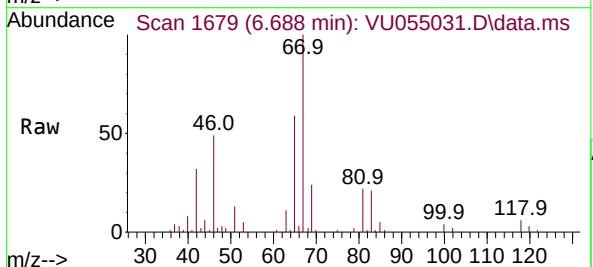
Instrument :
 MSVOA_U
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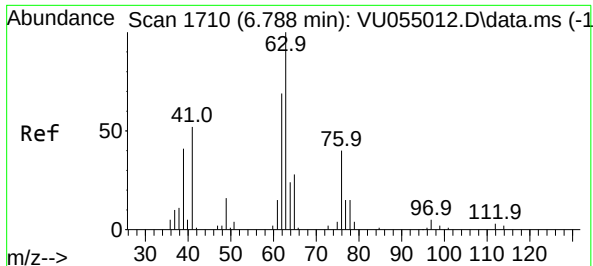
Tgt Ion: 96 Resp: 1235
 Ion Ratio Lower Upper
 96 100
 61 104.5 88.4 164.2
 98 61.9 44.0 81.6



#35
 Methylcyclohexane
 Concen: 0.763 ug/L
 RT: 6.688 min Scan# 1679
 Delta R.T. -0.071 min
 Lab File: VU055031.D
 Acq: 31 Aug 2023 19:17

Tgt Ion: 83 Resp: 14380
 Ion Ratio Lower Upper
 83 100
 55 0.2 62.1 93.1#
 98 0.2 37.8 56.6#

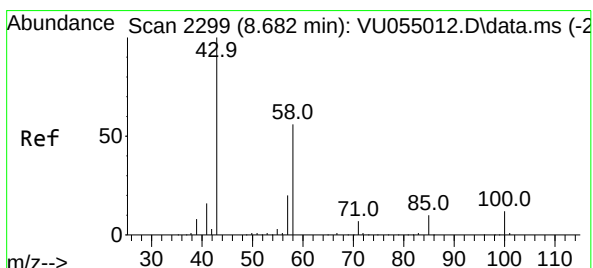
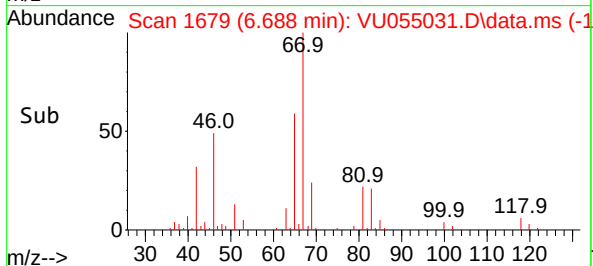
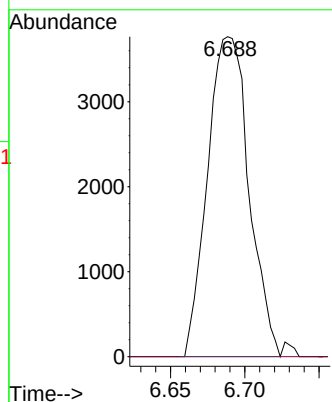
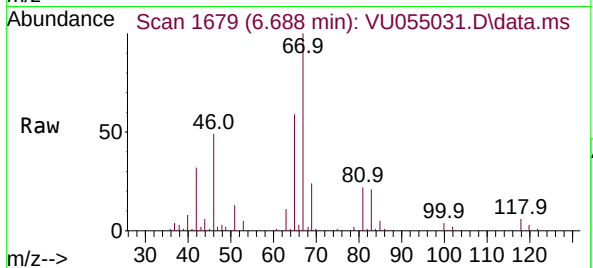




#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.688 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055031.D
Acq: 31 Aug 2023 19:17

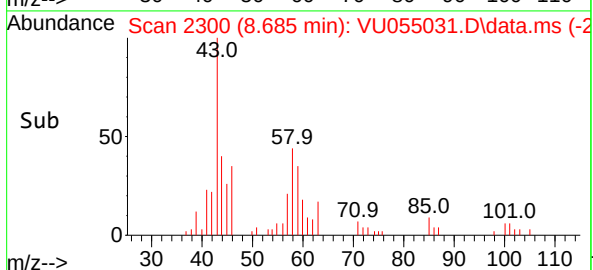
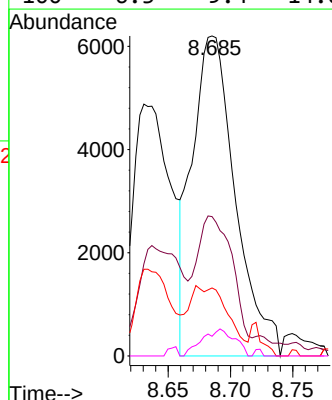
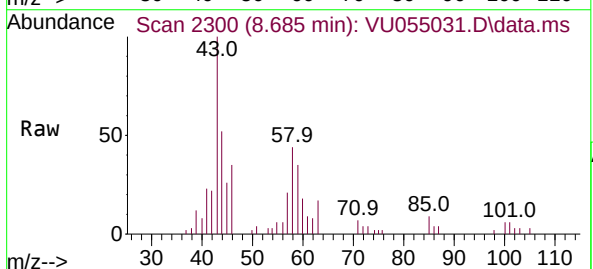
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MSVOA_U
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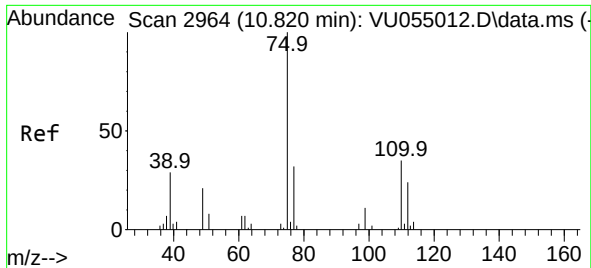
Tgt Ion: 63 Resp: 7315
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#48
2-Hexanone
Concen: 2.832 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055031.D
Acq: 31 Aug 2023 19:17

Tgt Ion: 43 Resp: 14979
Ion Ratio Lower Upper
43 100
58 31.7 44.0 66.0#
57 2.5 15.9 23.9#
100 6.3 9.4 14.0#





#61

1,2,3-Trichloropropane

Concen: 1.794 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.987 min

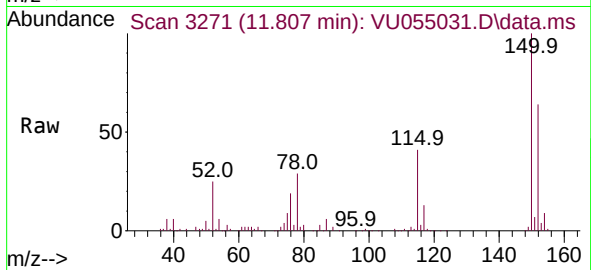
Lab File: VU055031.D

Acq: 31 Aug 2023 19:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	13277
Ion	Ratio	Lower	Upper
75	100		
110	1.7	29.0	43.6#
77	35.7	26.5	39.7

