

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
 Data File : VU055021.D
 Acq On : 31 Aug 2023 15:11
 Operator : MD/SY
 Sample : 04209-19DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH487DL

Quant Time: Sep 01 05:00:47 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)

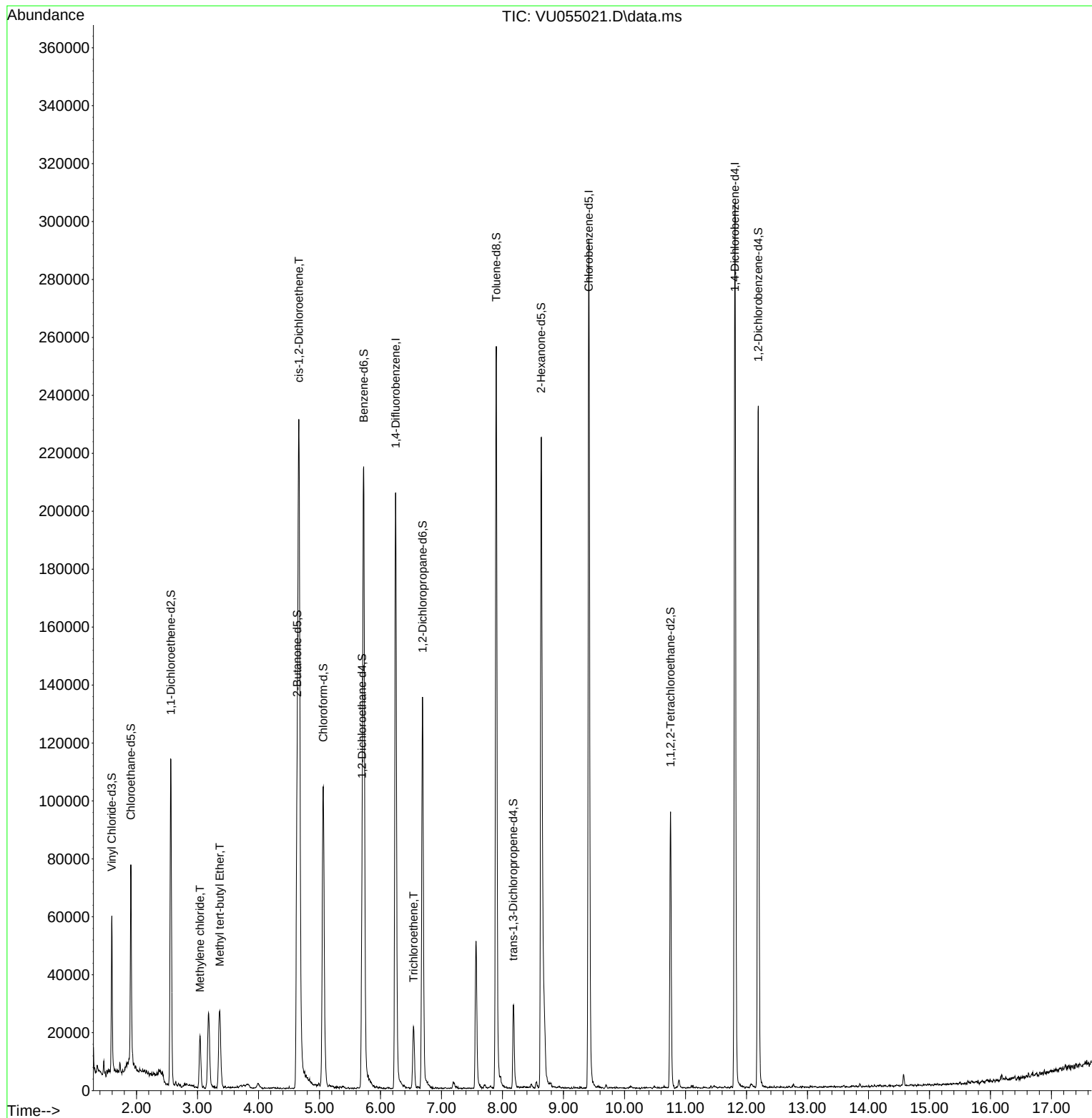
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	166578	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	160068	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	77563	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	37634	7.158	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	143.200%#	
7) Chloroethane-d5	1.907	69	45910	6.759	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	135.200%#	
11) 1,1-Dichloroethene-d2	2.563	65	21215	7.139	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	142.800%#	
20) 2-Butanone-d5	4.634	46	119636	42.156	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.320%	
24) Chloroform-d	5.062	84	96070	4.926	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
26) 1,2-Dichloroethane-d4	5.698	65	51555	4.968	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
32) Benzene-d6	5.724	84	195292	5.428	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.600%	
36) 1,2-Dichloropropane-d6	6.688	67	63930	5.052	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.000%	
41) Toluene-d8	7.897	98	173536	5.036	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
43) trans-1,3-Dichloroprop...	8.177	79	17048	4.094	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.800%	
46) 2-Hexanone-d5	8.634	63	72641	36.749	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	73.500%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	46313	4.268	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	59357	4.793	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	8008	0.693	ug/L	92
17) Methyl tert-butyl Ether	3.364	73	30105	1.375	ug/L #	78
22) cis-1,2-Dichloroethene	4.663	96	101609	10.369	ug/L	93
34) Trichloroethene	6.541	95	6814	0.651	ug/L	92

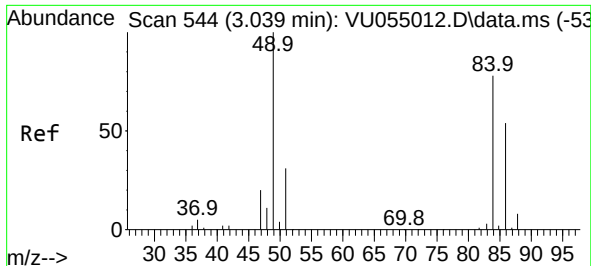
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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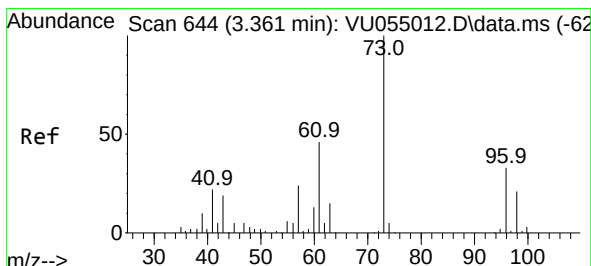
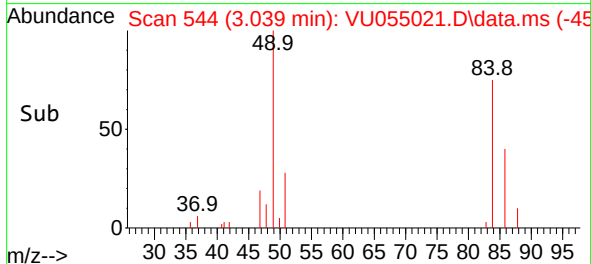
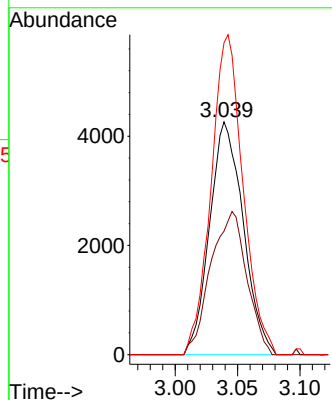
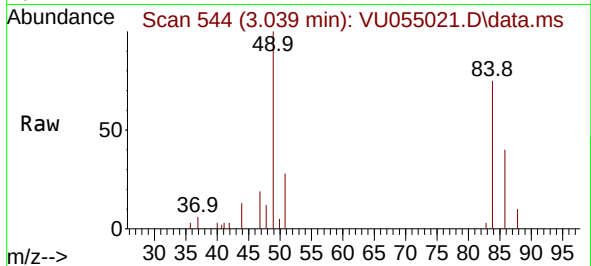




#16
Methylene chloride
Concen: 0.693 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055021.D
Acq: 31 Aug 2023 15:11

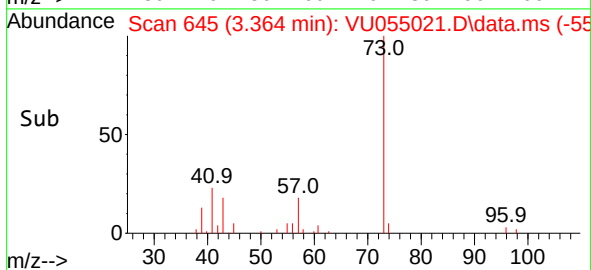
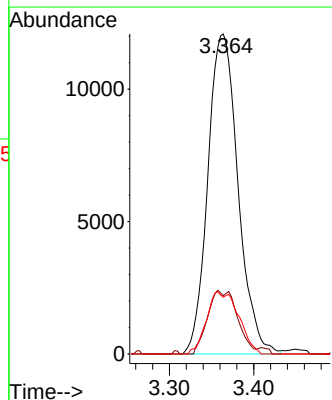
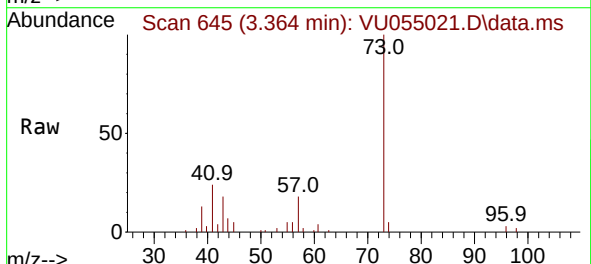
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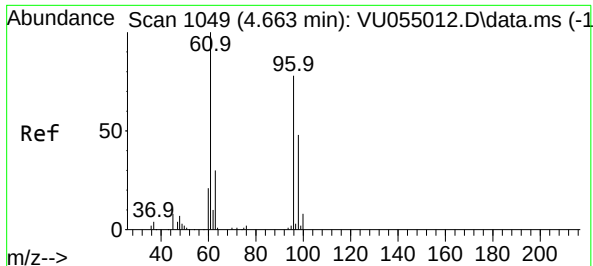
Tgt Ion: 84 Resp: 8008
Ion Ratio Lower Upper
84 100
86 53.1 45.1 83.7
49 134.0 89.5 166.3



#17
Methyl tert-butyl Ether
Concen: 1.375 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.003 min
Lab File: VU055021.D
Acq: 31 Aug 2023 15:11

Tgt Ion: 73 Resp: 30105
Ion Ratio Lower Upper
73 100
43 10.7 16.2 24.2#
57 10.9 17.4 26.0#

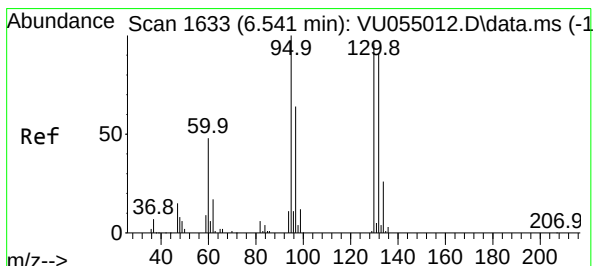
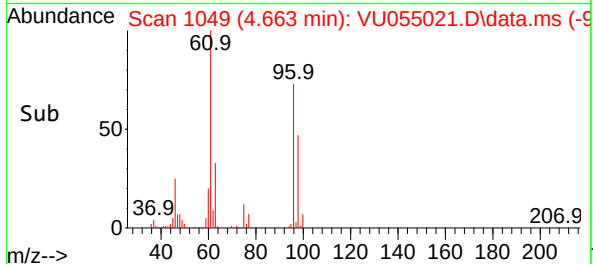
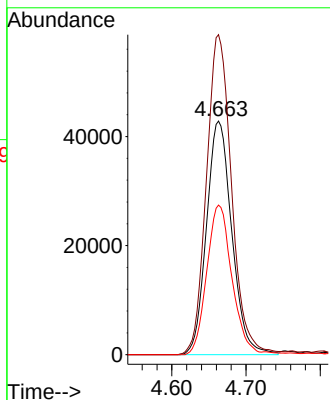
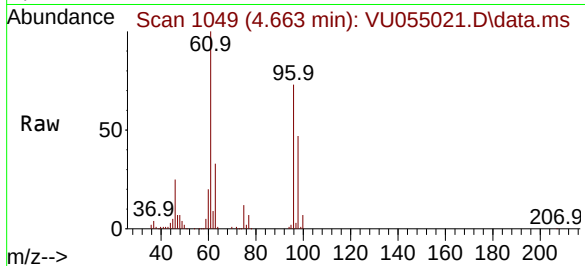




#22
 cis-1,2-Dichloroethene
 Concen: 10.369 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055021.D
 Acq: 31 Aug 2023 15:11

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 96 Resp: 101609
 Ion Ratio Lower Upper
 96 100
 61 137.0 88.4 164.2
 98 64.0 44.0 81.6



#34
 Trichloroethene
 Concen: 0.651 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: VU055021.D
 Acq: 31 Aug 2023 15:11

Tgt Ion: 95 Resp: 6814
 Ion Ratio Lower Upper
 95 100
 97 52.2 44.1 81.9
 132 94.0 63.6 118.2
 130 83.1 63.6 118.0

