

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055295.D
 Acq On : 13 Sep 2023 19:32
 Operator : MD/SY
 Sample : 04306-09 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4K6

Quant Time: Sep 14 05:08:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

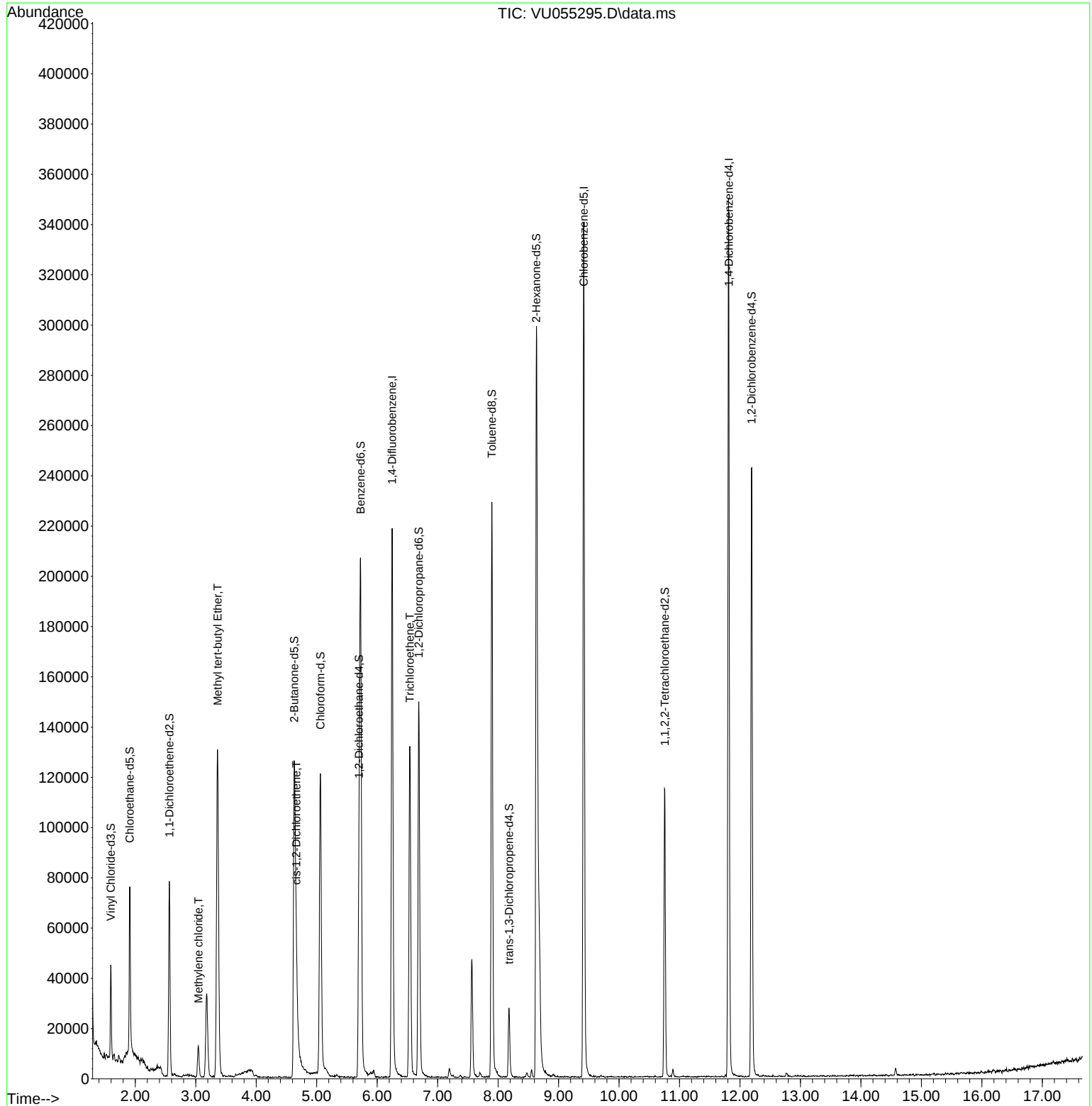
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	176425	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	188259	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	91092	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25199	3.048	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	61.000%	
7) Chloroethane-d5	1.908	69	45998	4.806	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.563	65	14731	3.127	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.600%	
20) 2-Butanone-d5	4.628	46	178874	74.546	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	149.100%#	
24) Chloroform-d	5.062	84	111122	5.064	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	5.698	65	60360	5.499	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.000%	
32) Benzene-d6	5.724	84	197287	4.245	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
36) 1,2-Dichloropropane-d6	6.689	67	71351	4.827	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.600%	
41) Toluene-d8	7.898	98	156669	3.660	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.200%	
43) trans-1,3-Dichloroprop...	8.181	79	16873	4.145	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.000%	
46) 2-Hexanone-d5	8.631	63	92849	56.188	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.380%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	56543	5.440	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	64603	4.859	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.200%	
Target Compounds						Qvalue
16) Methylene chloride	3.046	84	5815	0.467	ug/L	94
17) Methyl tert-butyl Ether	3.361	73	147495	6.895	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	5464	0.539	ug/L	80
34) Trichloroethene	6.541	95	43372	3.895	ug/L	97

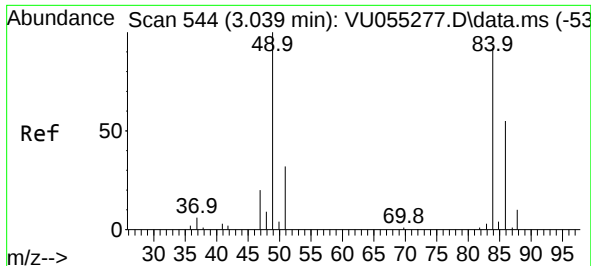
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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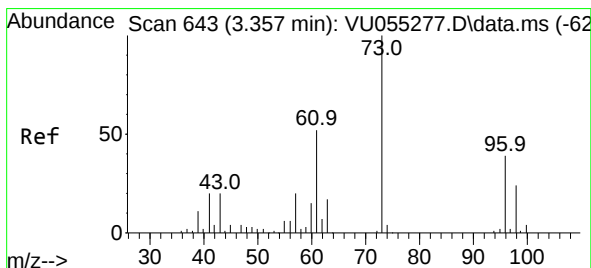
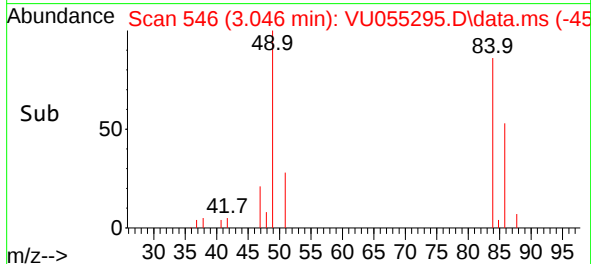
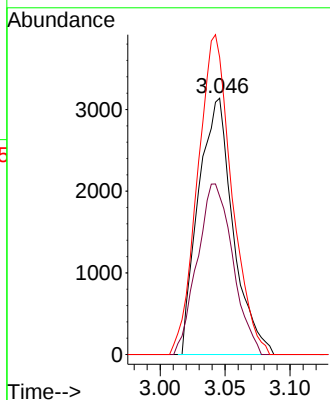
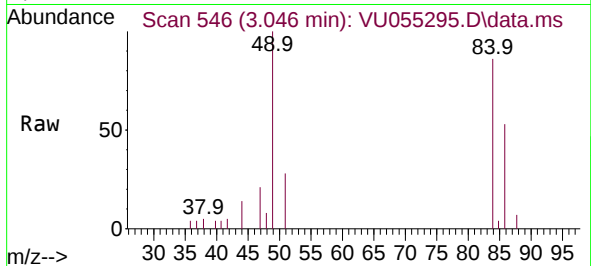




#16
Methylene chloride
Concen: 0.467 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.007 min
Lab File: VU055295.D
Acq: 13 Sep 2023 19:32

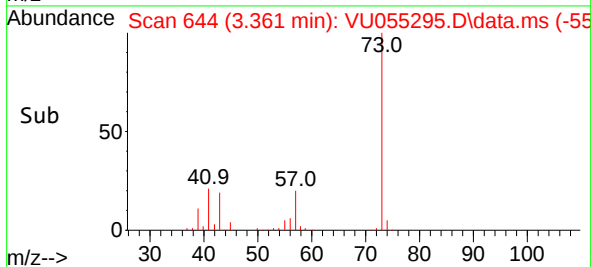
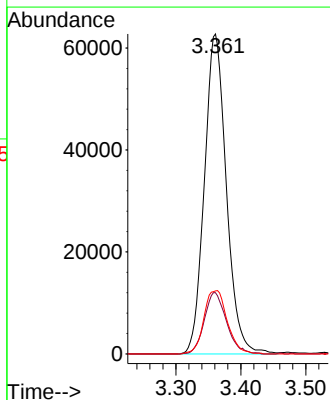
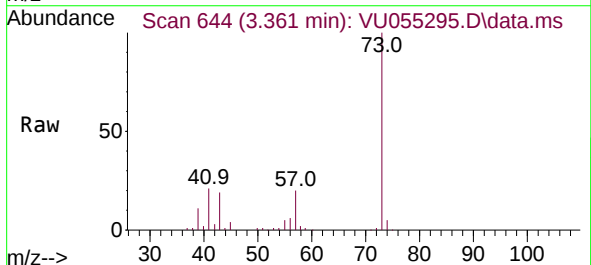
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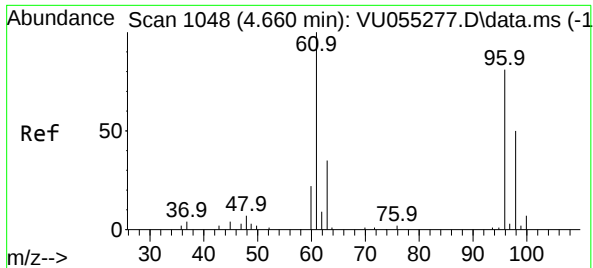
Tgt Ion: 84 Resp: 5815
Ion Ratio Lower Upper
84 100
86 61.7 43.4 80.6
49 116.0 87.7 162.9



#17
Methyl tert-butyl Ether
Concen: 6.895 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055295.D
Acq: 13 Sep 2023 19:32

Tgt Ion: 73 Resp: 147495
Ion Ratio Lower Upper
73 100
43 19.4 16.2 24.2
57 21.0 17.4 26.2

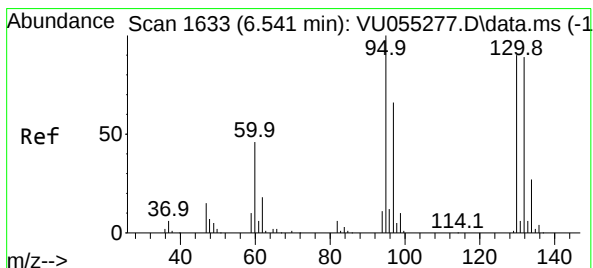
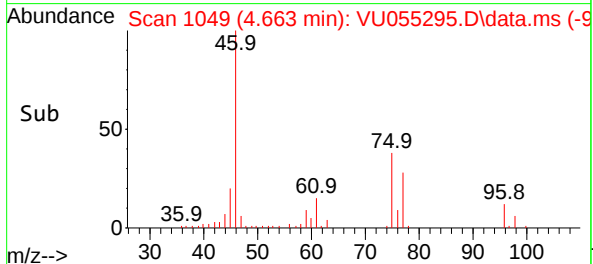
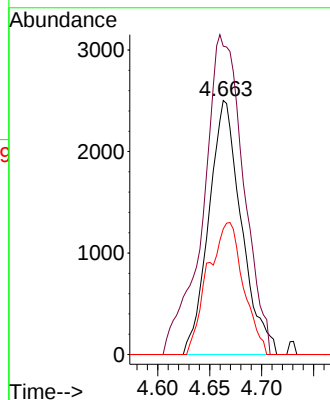
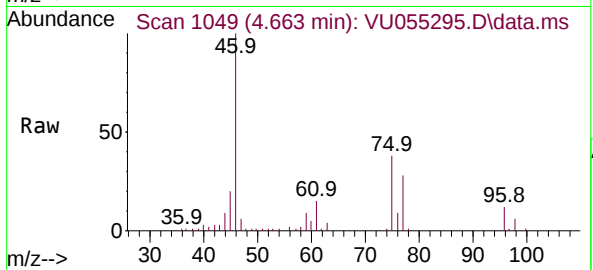




#22
 cis-1,2-Dichloroethene
 Concen: 0.539 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU055295.D
 Acq: 13 Sep 2023 19:32

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4K6

Tgt Ion: 96 Resp: 5464
 Ion Ratio Lower Upper
 96 100
 61 116.0 97.2 180.4
 98 47.2 46.1 85.7



#34
 Trichloroethene
 Concen: 3.895 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055295.D
 Acq: 13 Sep 2023 19:32

Tgt Ion: 95 Resp: 43372
 Ion Ratio Lower Upper
 95 100
 97 67.9 44.7 83.1
 132 96.5 66.6 123.6
 130 97.3 66.5 123.5

