

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055175.D
 Acq On : 07 Sep 2023 05:48
 Operator : MD/SY
 Sample : 04267-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4D7

Quant Time: Sep 07 15:40:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

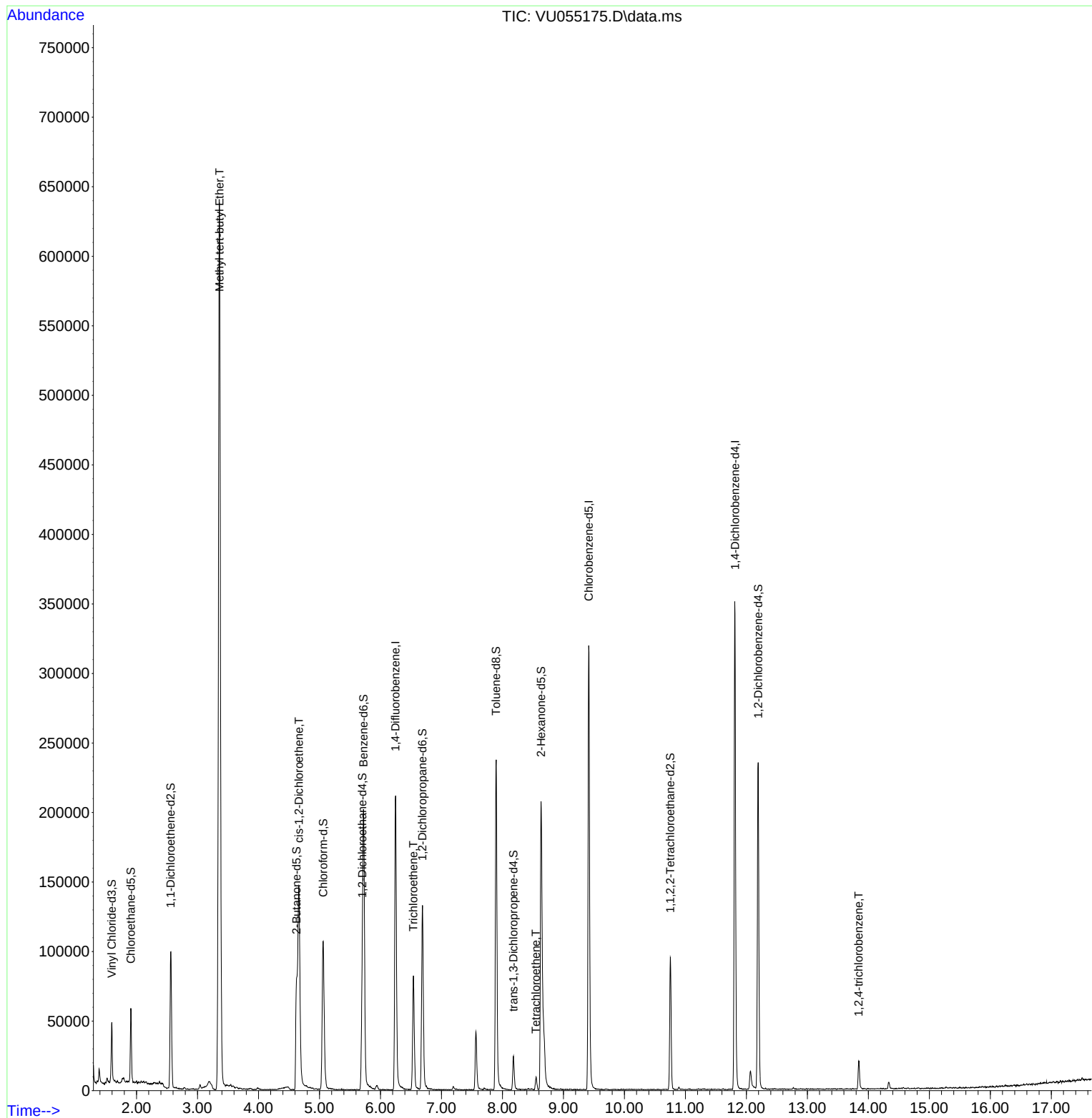
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	168052	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	174075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	89683	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29004	3.682	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.600%	
7) Chloroethane-d5	1.907	69	37044	4.063	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.200%	
11) 1,1-Dichloroethene-d2	2.560	65	18690	4.165	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.200%	
20) 2-Butanone-d5	4.624	46	117185	51.270	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.540%	
24) Chloroform-d	5.062	84	96761	4.630	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	5.702	65	49691	4.752	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
32) Benzene-d6	5.724	84	188287	4.382	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.689	67	63234	4.627	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.898	98	160387	4.052	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.000%	
43) trans-1,3-Dichloroprop...	8.181	79	14117	3.751	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.000%	
46) 2-Hexanone-d5	8.634	63	66616	43.598	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.200%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	46611	4.850	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	58279	4.452	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.000%	
Target Compounds						
17) Methyl tert-butyl Ether	3.361	73	699621	34.335	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	66619	6.904	ug/L	93
34) Trichloroethene	6.541	95	26222	2.547	ug/L	95
47) Tetrachloroethene	8.550	164	1940	0.273	ug/L	91
70) 1,2,4-trichlorobenzene	13.843	180	6362	0.447	ug/L	98

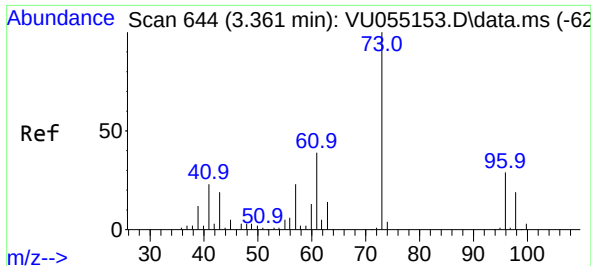
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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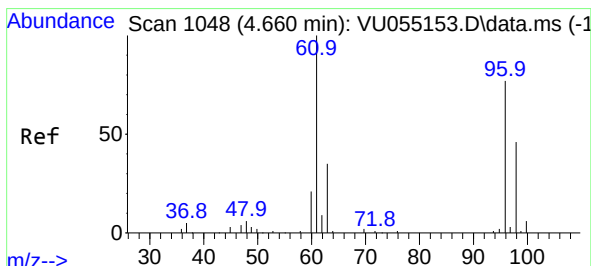
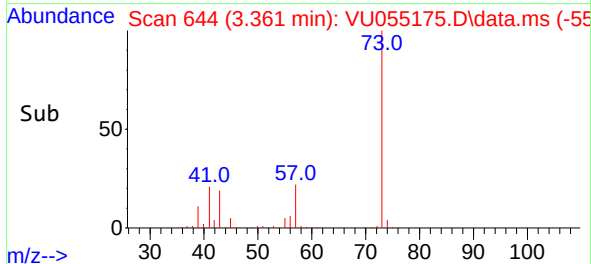
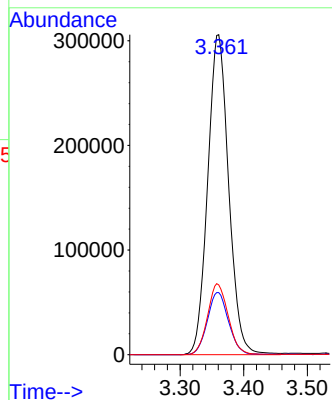
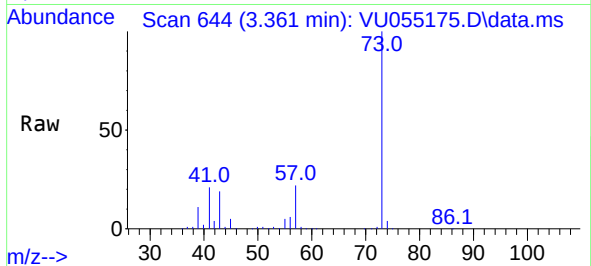




#17
Methyl tert-butyl Ether
Concen: 34.335 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

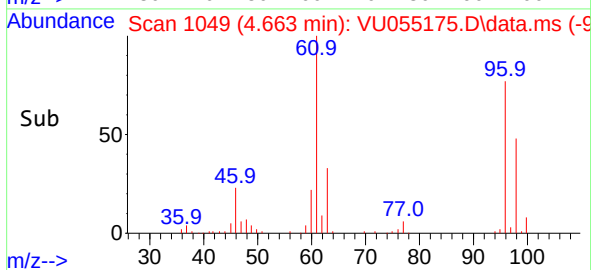
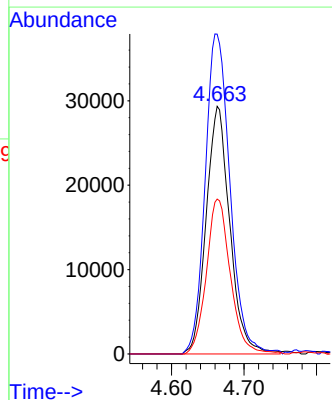
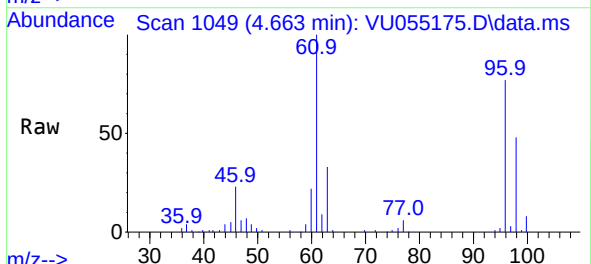
Instrument :
MSVOA_U
ClientSampleId :
BH4D7

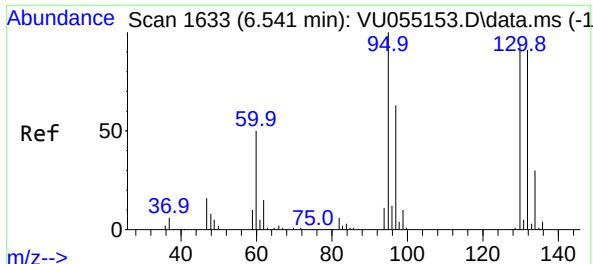
Tgt Ion: 73 Resp: 699621
Ion Ratio Lower Upper
73 100
43 19.7 16.2 24.2
57 21.9 17.4 26.2



#22
cis-1,2-Dichloroethene
Concen: 6.904 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

Tgt Ion: 96 Resp: 66619
Ion Ratio Lower Upper
96 100
61 129.1 97.2 180.4
98 62.5 46.1 85.7



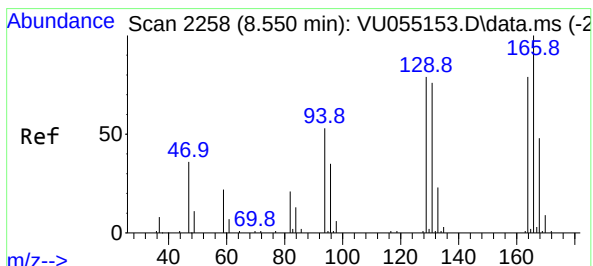
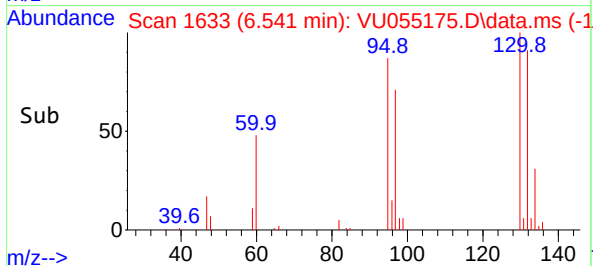
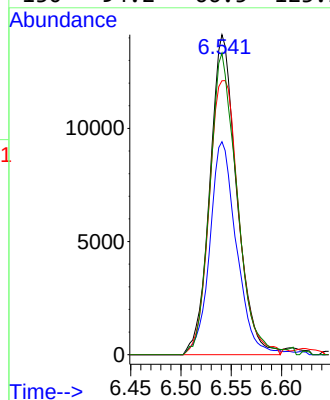
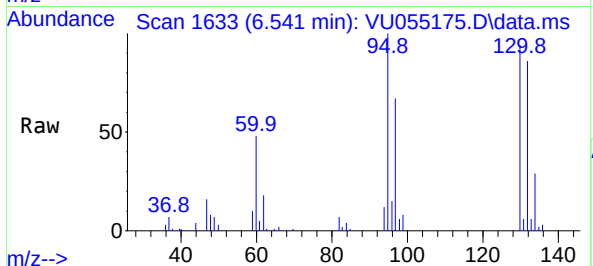


#34
Trichloroethene
Concen: 2.547 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

Instrument :
MSVOA_U
ClientSampleId :
BH4D7

Tgt Ion: 95 Resp: 26222

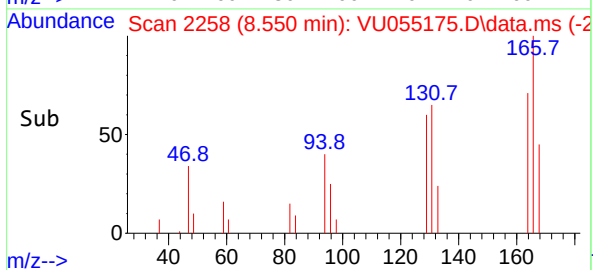
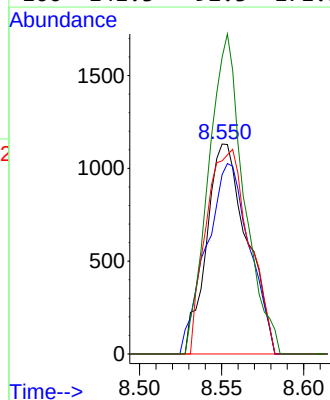
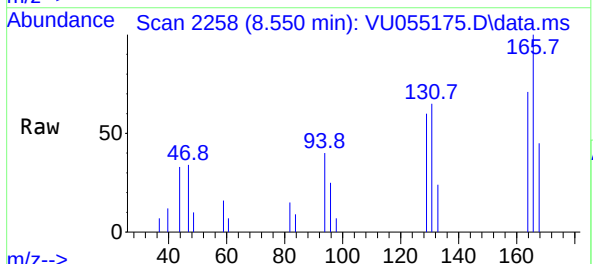
Ion	Ratio	Lower	Upper
95	100		
97	66.6	44.7	83.1
132	85.6	66.6	123.6
130	94.2	66.5	123.5

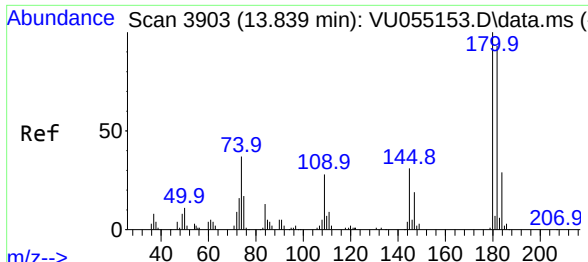


#47
Tetrachloroethene
Concen: 0.273 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.003 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

Tgt Ion: 164 Resp: 1940

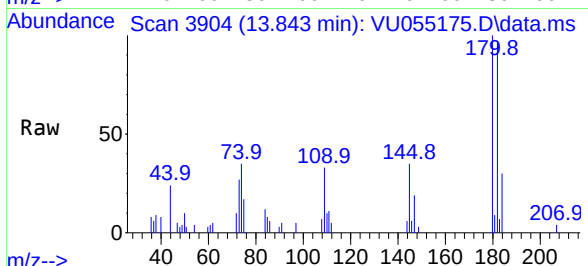
Ion	Ratio	Lower	Upper
164	100		
129	85.4	69.2	128.6
131	92.0	68.8	127.8
166	141.3	92.3	171.5





#70
 1,2,4-trichlorobenzene
 Concen: 0.447 ug/L
 RT: 13.843 min Scan# 3904
 Delta R.T. 0.003 min
 Lab File: VU055175.D
 Acq: 07 Sep 2023 05:48

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4D7



Tgt Ion:	180	Resp:	6362
Ion	Ratio	Lower	Upper
180	100		
182	93.4	73.6	110.4
145	30.8	25.8	38.8

