

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055258.D
 Acq On : 12 Sep 2023 19:19
 Operator : MD/SY
 Sample : 04306-13 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4K9

Quant Time: Sep 13 01:49:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 01:44:08 2023
 Response via : Initial Calibration

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

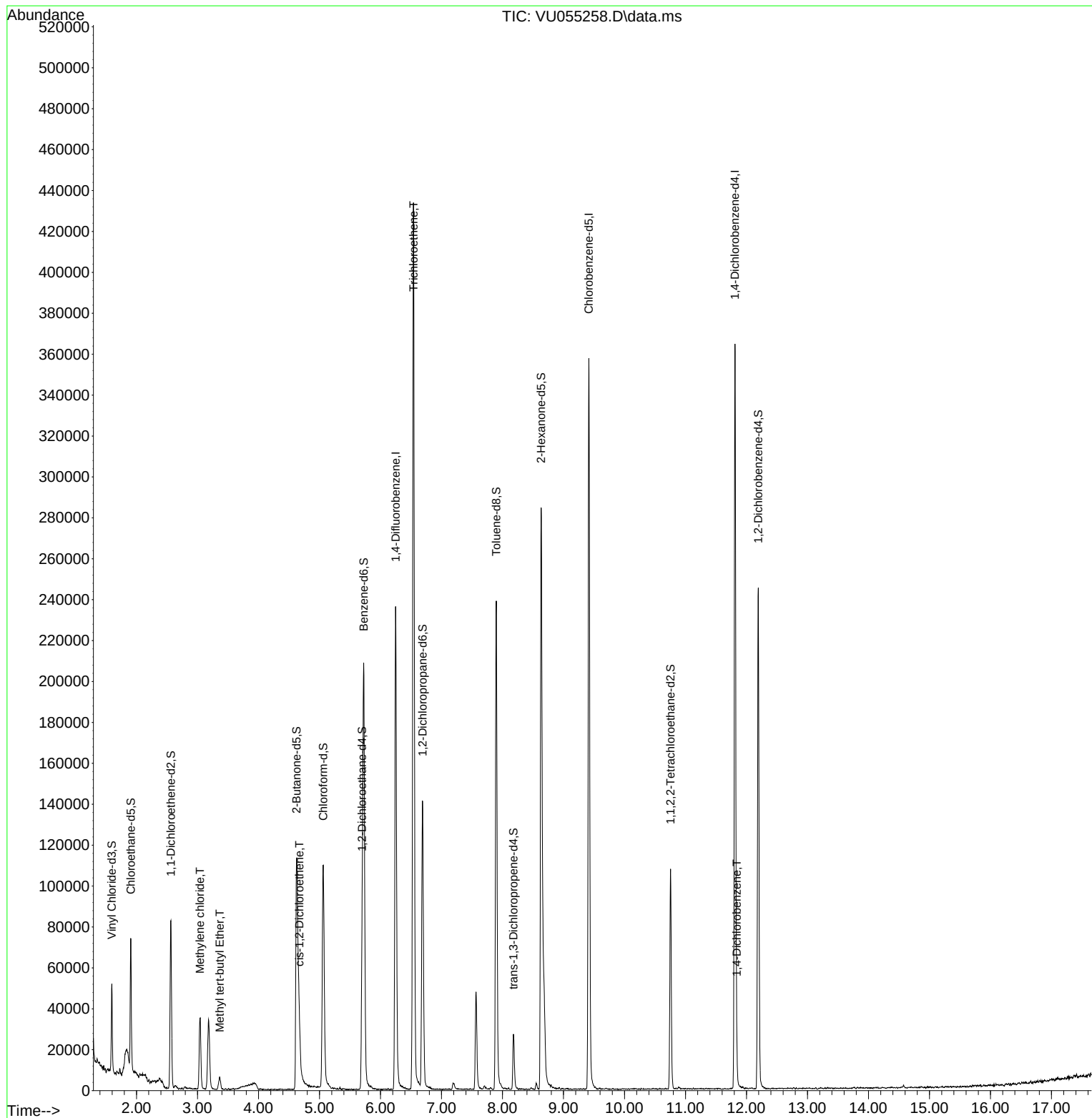
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	187209	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	198543	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	95307	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28811	3.284	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.907	69	46584	4.587	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.563	65	15852	3.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	4.624	46	141294	55.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.980%
24) Chloroform-d	5.058	84	101344	4.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.698	65	55605	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.727	84	192303	3.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.688	67	67406	4.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.897	98	163001	3.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	8.180	79	16693	3.889	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.634	63	91598	52.560	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.120%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	52048	4.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	63584	4.571	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	17754	1.342	ug/L	95
17) Methyl tert-butyl Ether	3.364	73	6291	0.277	ug/L	# 95
22) cis-1,2-Dichloroethene	4.669	96	9207	0.857	ug/L	83
34) Trichloroethene	6.541	95	142887	12.167	ug/L	99
65) 1,4-Dichlorobenzene	11.839	146	3567	0.168	ug/L	97

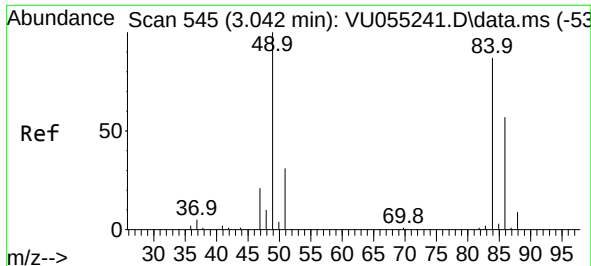
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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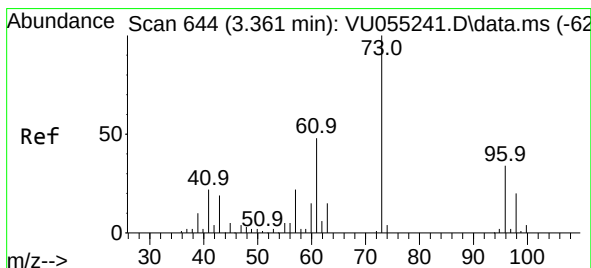
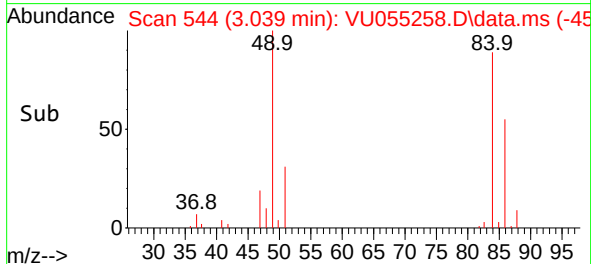
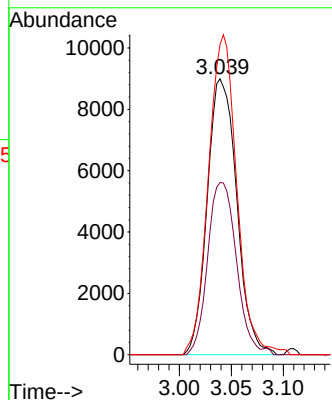
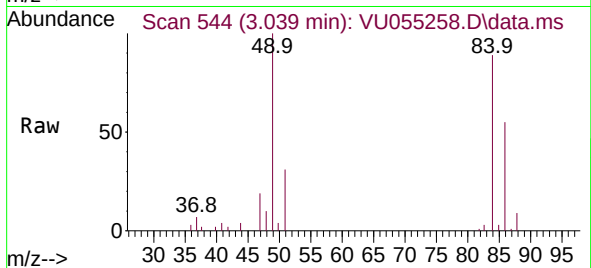




#16
Methylene chloride
Concen: 1.342 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU055258.D
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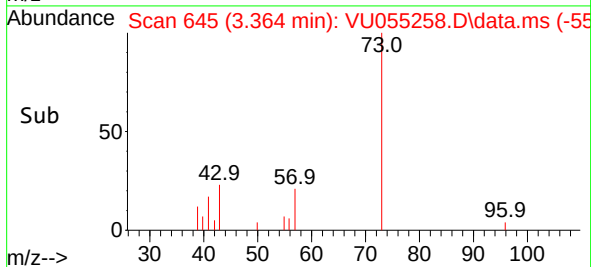
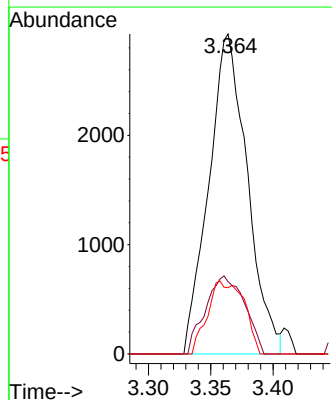
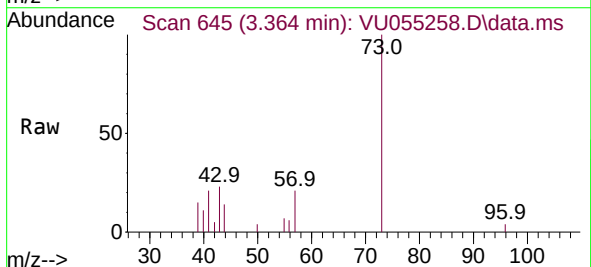
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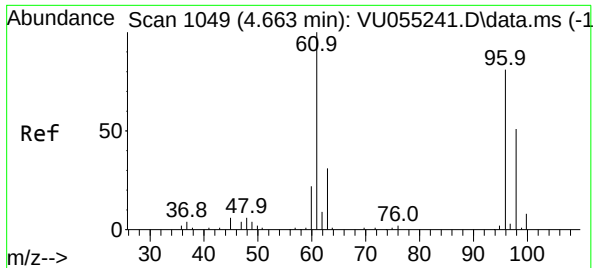
Tgt Ion: 84 Resp: 17754
Ion Ratio Lower Upper
84 100
86 62.4 43.4 80.6
49 116.8 87.7 162.9



#17
Methyl tert-butyl Ether
Concen: 0.277 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.003 min
Lab File: VU055258.D
Acq: 12 Sep 2023 19:19

Tgt Ion: 73 Resp: 6291
Ion Ratio Lower Upper
73 100
43 24.8 16.2 24.2#
57 21.5 17.4 26.2

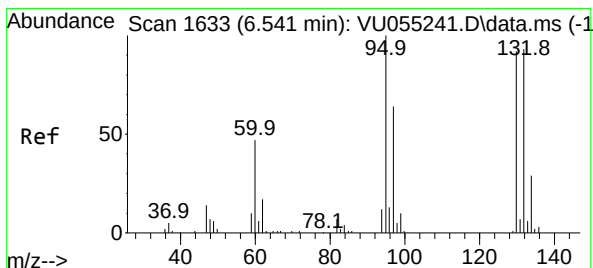
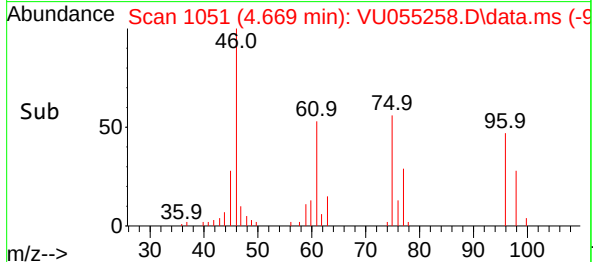
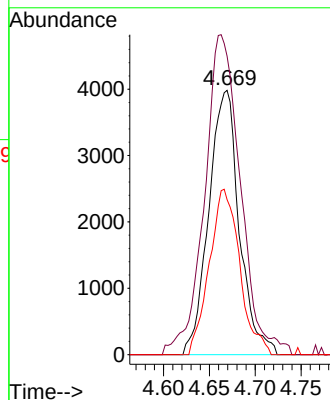
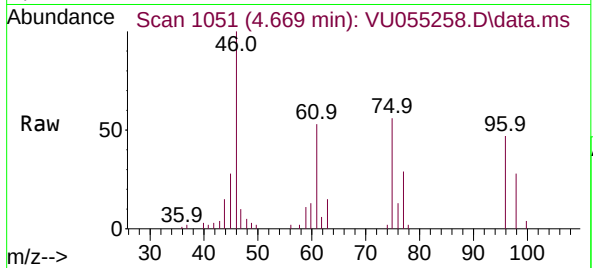




#22
cis-1,2-Dichloroethene
Concen: 0.857 ug/L
RT: 4.669 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU055258.D
Acq: 12 Sep 2023 19:19

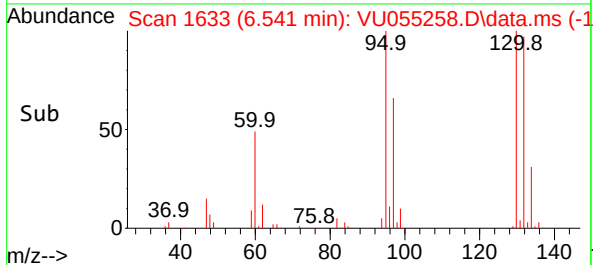
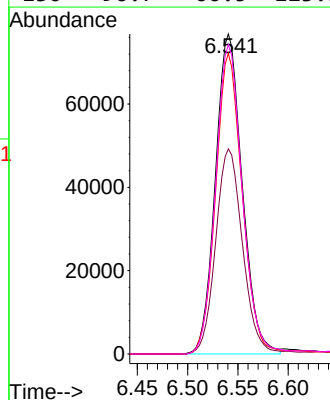
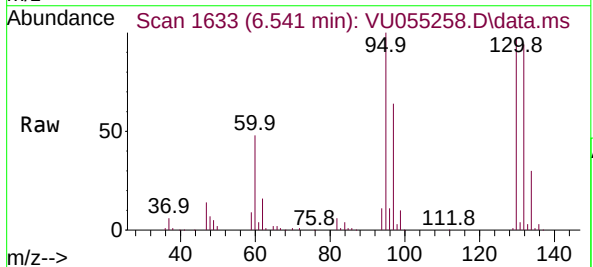
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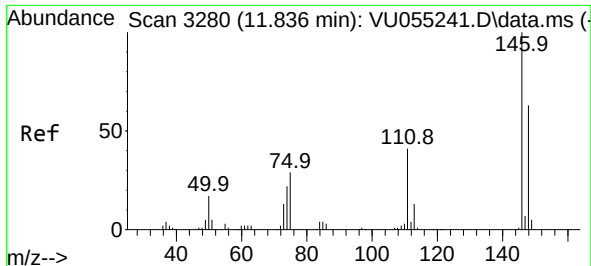
Tgt Ion: 96 Resp: 9207
Ion Ratio Lower Upper
96 100
61 113.0 97.2 180.4
98 58.6 46.1 85.7



#34
Trichloroethene
Concen: 12.167 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055258.D
Acq: 12 Sep 2023 19:19

Tgt Ion: 95 Resp: 142887
Ion Ratio Lower Upper
95 100
97 64.1 44.7 83.1
132 94.0 66.6 123.6
130 96.7 66.5 123.5





#65

1,4-Dichlorobenzene

Concen: 0.168 ug/L

RT: 11.839 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU055258.D

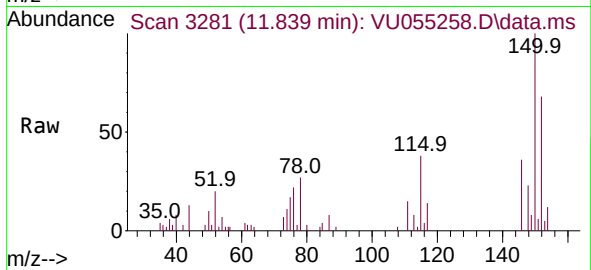
Acq: 12 Sep 2023 19:19

Instrument :

MSVOA_U

ClientSampleId :

BH4K9



Tgt Ion:146 Resp: 3567

Ion Ratio Lower Upper

146 100

111 42.9 28.1 52.1

148 64.4 43.8 81.3

