

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
 Data File : VU055022.D
 Acq On : 31 Aug 2023 15:35
 Operator : MD/SY
 Sample : 04209-20DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH488DL

Quant Time: Sep 01 05:01:03 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)

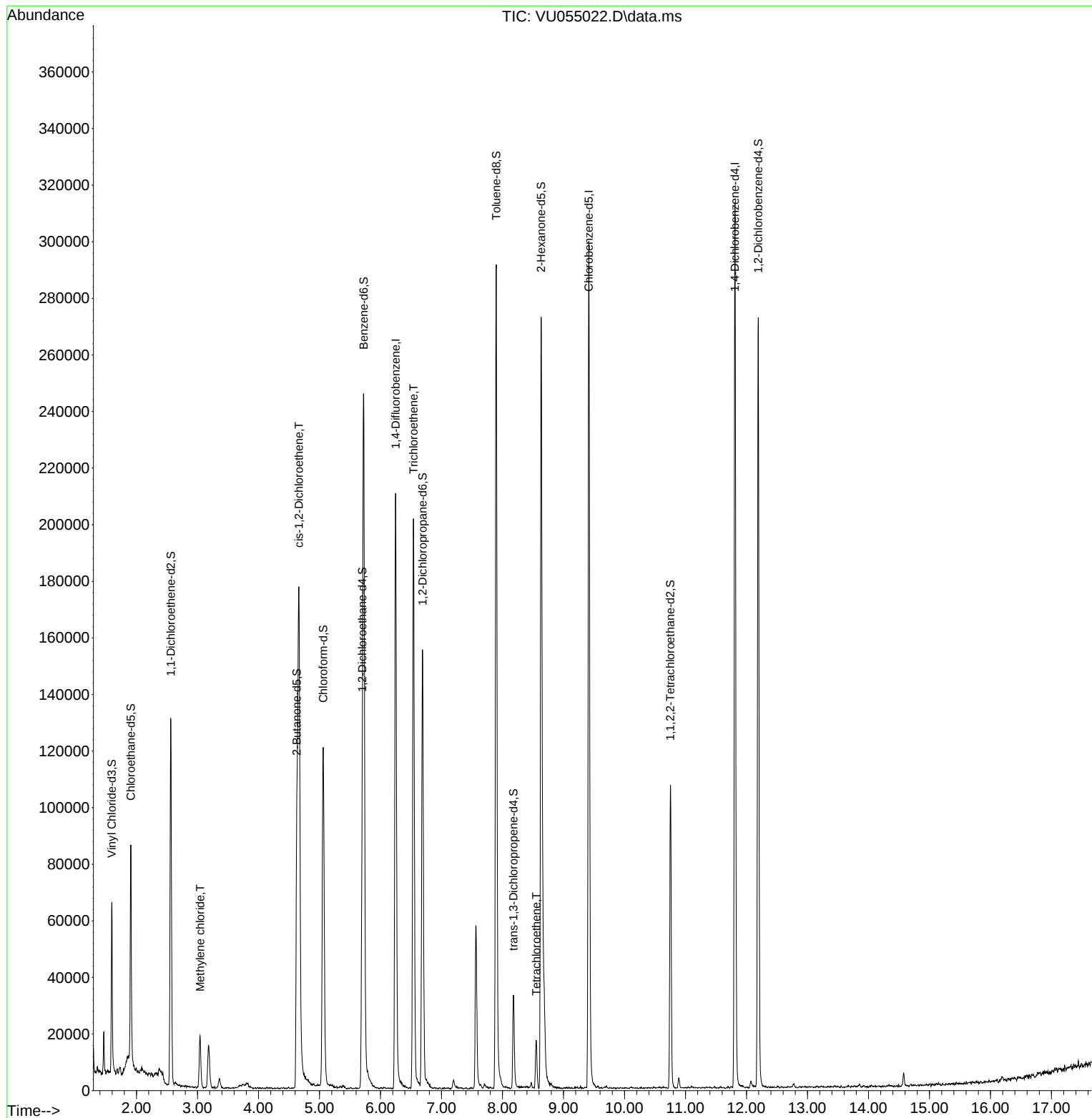
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	169957	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	161761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	79802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43406	8.092	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	161.800%#
7) Chloroethane-d5	1.907	69	52111	7.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	150.400%#
11) 1,1-Dichloroethene-d2	2.563	65	24065	7.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	158.800%#
20) 2-Butanone-d5	4.628	46	136844	47.260	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.520%
24) Chloroform-d	5.058	84	111106	5.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
26) 1,2-Dichloroethane-d4	5.702	65	59064	5.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	5.724	84	227119	6.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.000%
36) 1,2-Dichloropropane-d6	6.689	67	73352	5.736	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.800%
41) Toluene-d8	7.898	98	198753	5.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.200%
43) trans-1,3-Dichloroprop...	8.181	79	19588	4.654	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.634	63	86117	43.111	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.220%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	52776	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	70101	5.502	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	7959	0.675	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	74602	7.461	ug/L	91
34) Trichloroethene	6.541	95	66796	6.316	ug/L	96
47) Tetrachloroethene	8.553	164	3869	0.509	ug/L	77

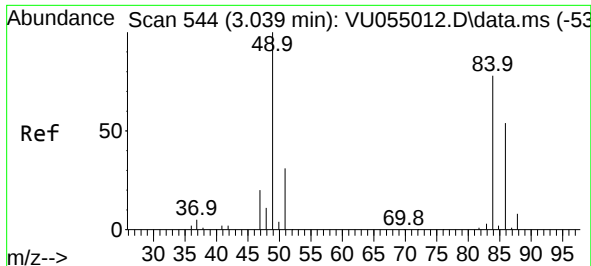
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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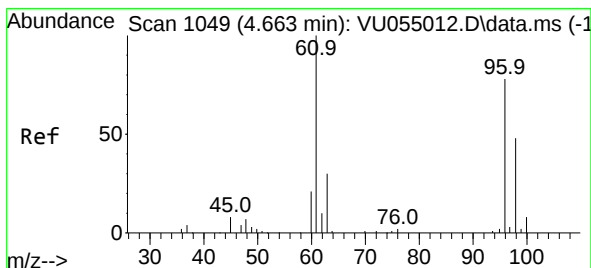
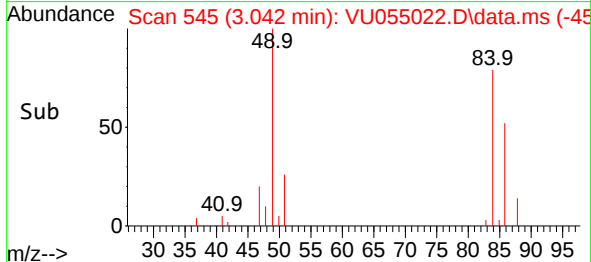
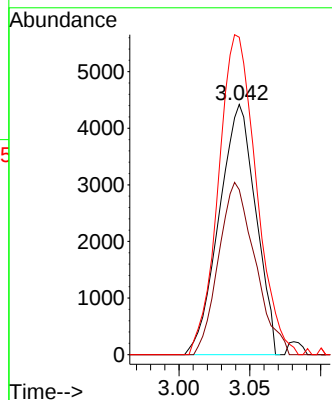
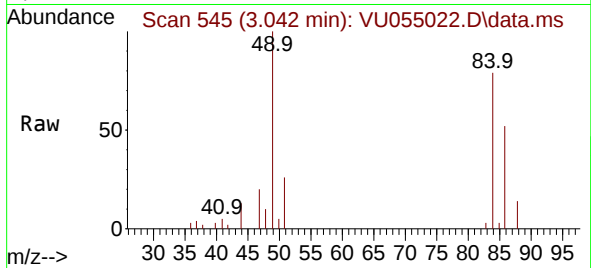




#16
Methylene chloride
Concen: 0.675 ug/L
RT: 3.042 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU055022.D
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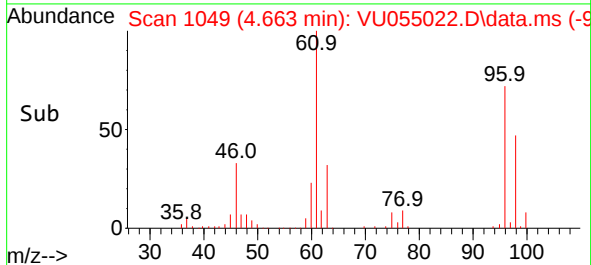
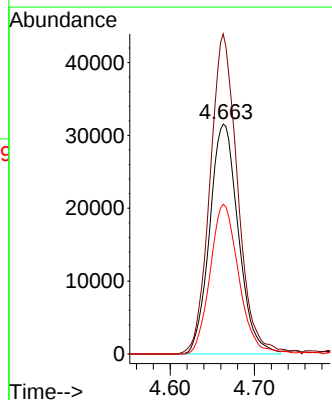
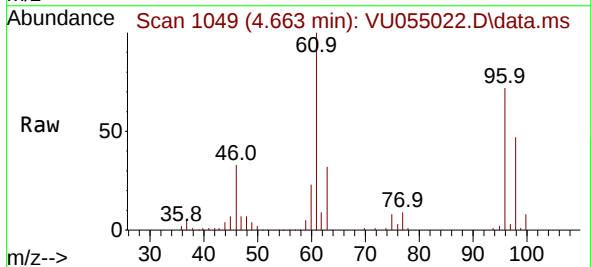
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BH488DL

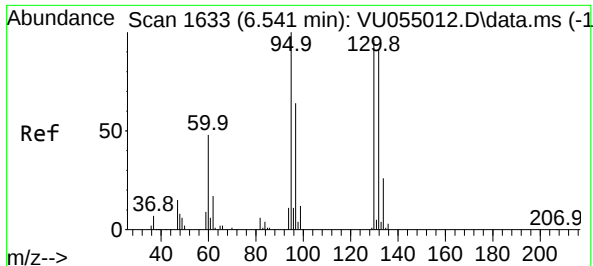
Tgt Ion: 84 Resp: 7959
Ion Ratio Lower Upper
84 100
86 65.9 45.1 83.7
49 126.9 89.5 166.3



#22
cis-1,2-Dichloroethene
Concen: 7.461 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055022.D
Acq: 31 Aug 2023 15:35

Tgt Ion: 96 Resp: 74602
Ion Ratio Lower Upper
96 100
61 139.2 88.4 164.2
98 65.1 44.0 81.6





#34

Trichloroethene

Concen: 6.316 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055022.D

Acq: 31 Aug 2023 15:35

Instrument :

MSVOA_U

ClientSampleId :

BH488DL

Tgt Ion: 95 Resp: 66796

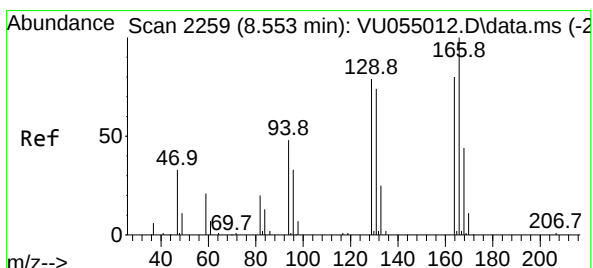
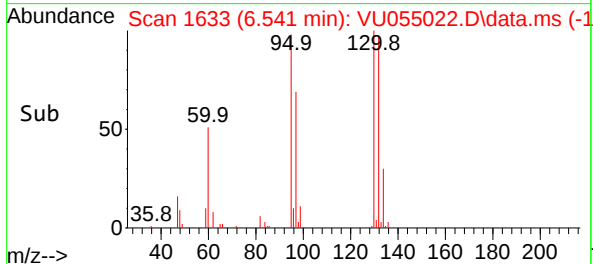
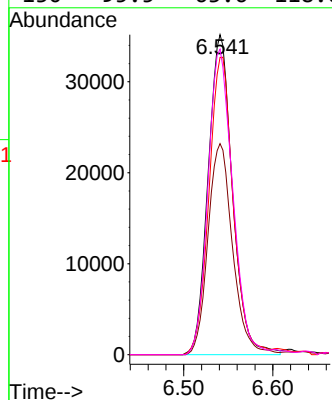
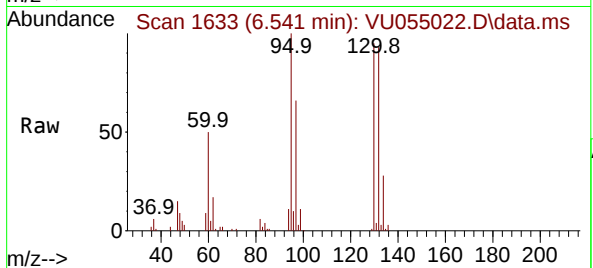
Ion Ratio Lower Upper

95 100

97 66.0 44.1 81.9

132 92.9 63.6 118.2

130 95.5 63.6 118.0



#47

Tetrachloroethene

Concen: 0.509 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.000 min

Lab File: VU055022.D

Acq: 31 Aug 2023 15:35

Tgt Ion:164 Resp: 3869

Ion Ratio Lower Upper

164 100

129 85.4 72.8 135.2

131 76.6 70.7 131.3

166 105.3 95.9 178.1

