

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055093.D
 Acq On : 05 Sep 2023 14:47
 Operator : MD/SY
 Sample : 04250-06DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4A5DL

Quant Time: Sep 06 02:17:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

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

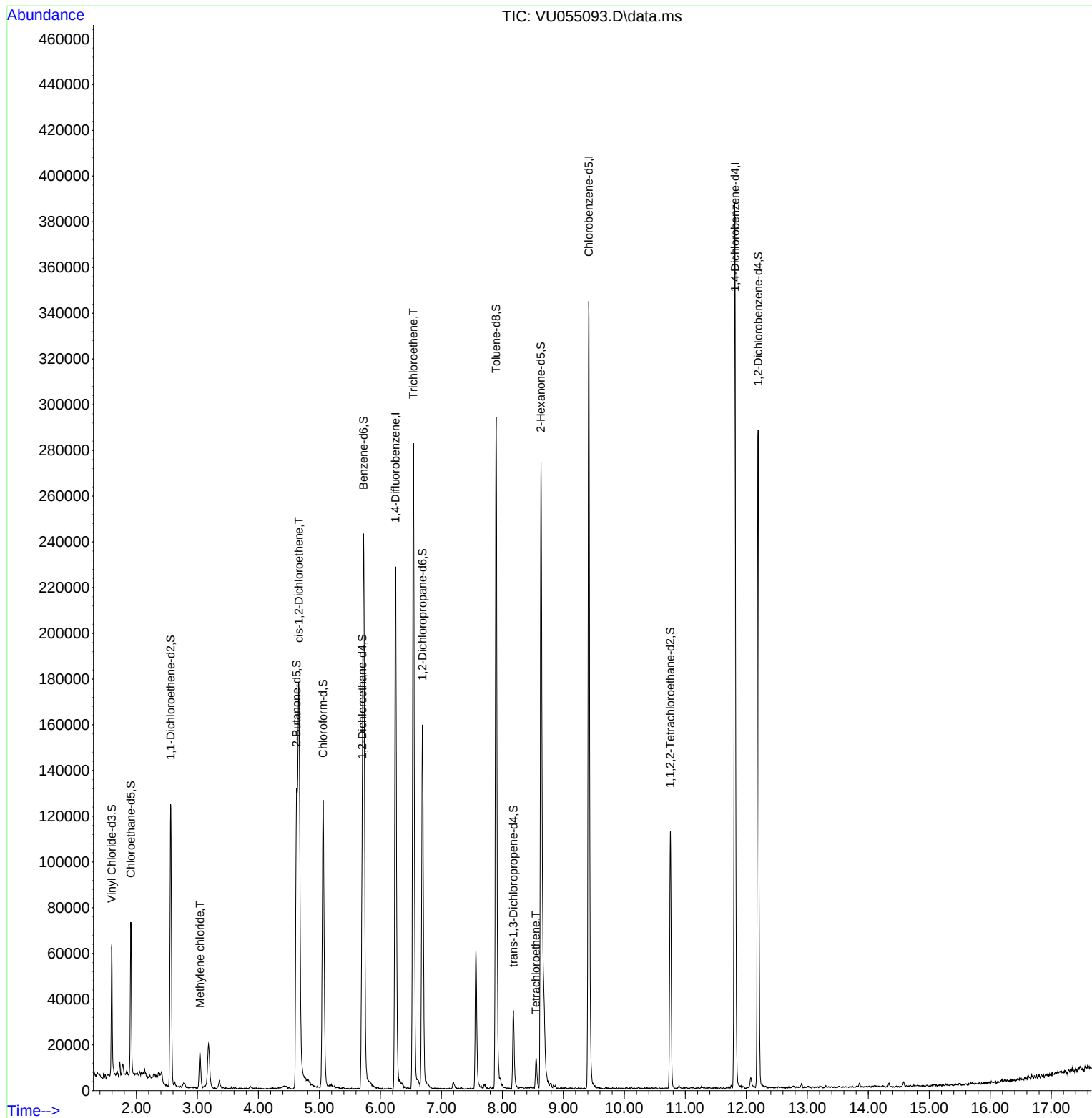
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	182204	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	188450	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	97671	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	39084	4.577	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.908	69	46431	4.697	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.560	65	23456	4.821	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	4.625	46	137694	55.564	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.120%
24) Chloroform-d	5.059	84	114143	5.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.702	65	61140	5.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.724	84	222709	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.689	67	75192	5.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.898	98	198718	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.181	79	20441	5.017	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.631	63	90639	54.795	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	54668	5.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	73179	5.133	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	6555	0.509	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	78872	7.539	ug/L	99
34) Trichloroethene	6.541	95	95737	8.589	ug/L	98
47) Tetrachloroethene	8.550	164	2908	0.377	ug/L	89

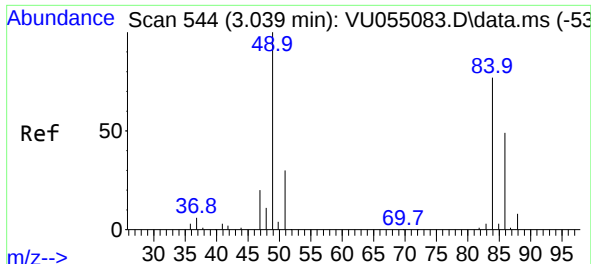
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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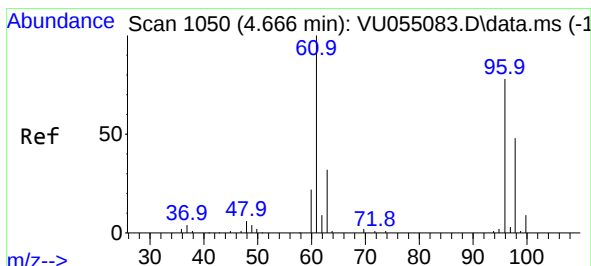
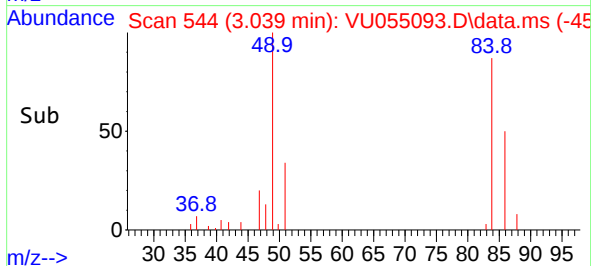
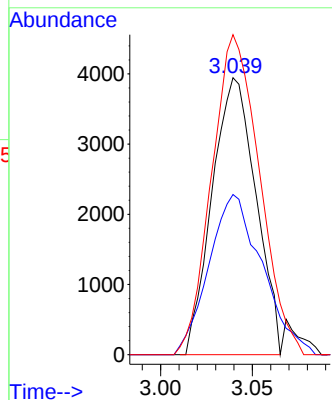
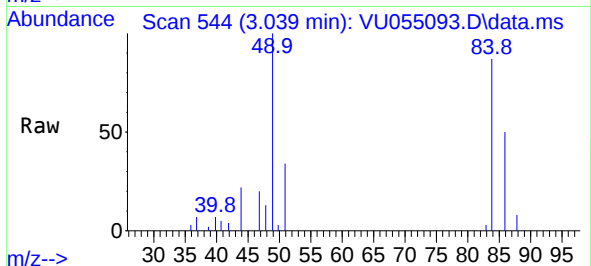




#16
Methylene chloride
Concen: 0.509 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU055093.D
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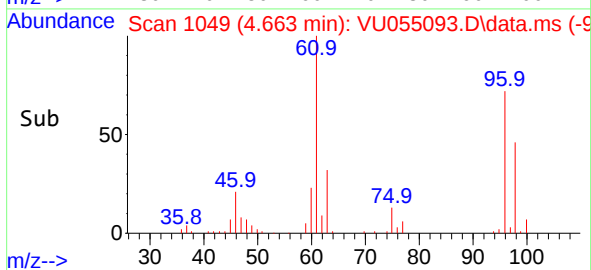
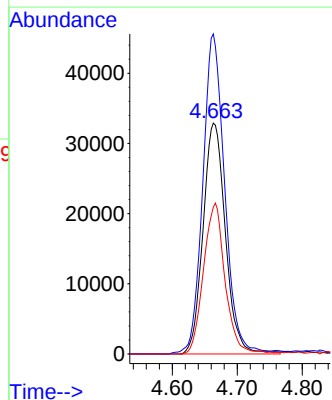
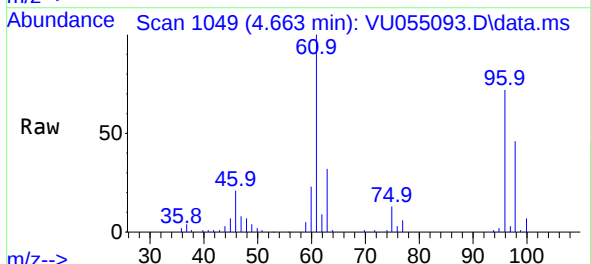
Instrument :
MSVOA_U
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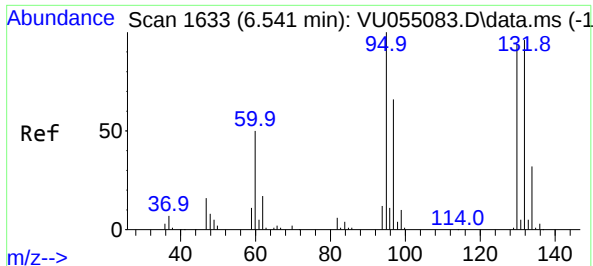
Tgt Ion: 84 Resp: 6555
Ion Ratio Lower Upper
84 100
86 57.8 43.4 80.6
49 118.9 87.7 162.9



#22
cis-1,2-Dichloroethene
Concen: 7.539 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU055093.D
Acq: 05 Sep 2023 14:47

Tgt Ion: 96 Resp: 78872
Ion Ratio Lower Upper
96 100
61 138.6 97.2 180.4
98 63.6 46.1 85.7

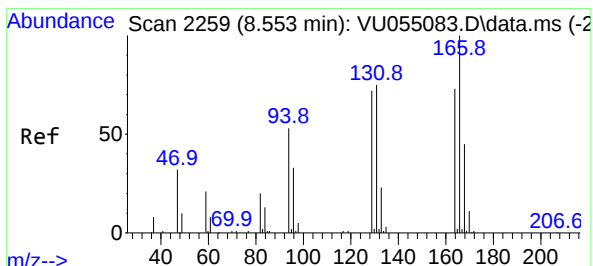
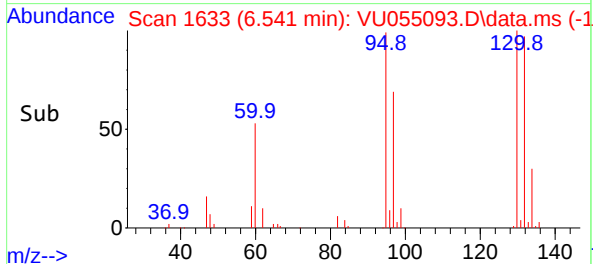
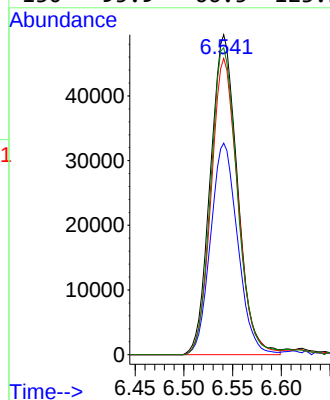
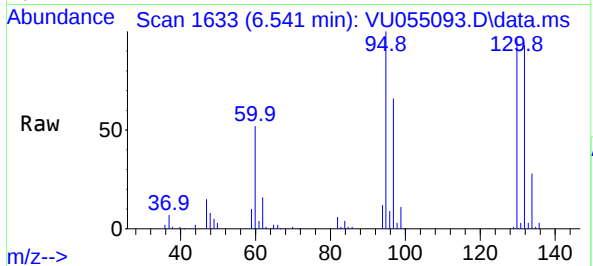




#34
Trichloroethene
Concen: 8.589 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
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Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 95737
Ion Ratio Lower Upper
95 100
97 66.1 44.7 83.1
132 92.6 66.6 123.6
130 95.9 66.5 123.5



#47
Tetrachloroethene
Concen: 0.377 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.003 min
Lab File: VU055093.D
Acq: 05 Sep 2023 14:47

Tgt Ion:164 Resp: 2908
Ion Ratio Lower Upper
164 100
129 86.6 69.2 128.6
131 77.8 68.8 127.8
166 129.7 92.3 171.5

