

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055263.D
 Acq On : 12 Sep 2023 21:22
 Operator : MD/SY
 Sample : 04306-08DL 2000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4K3DL

Quant Time: Sep 13 01:51:05 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

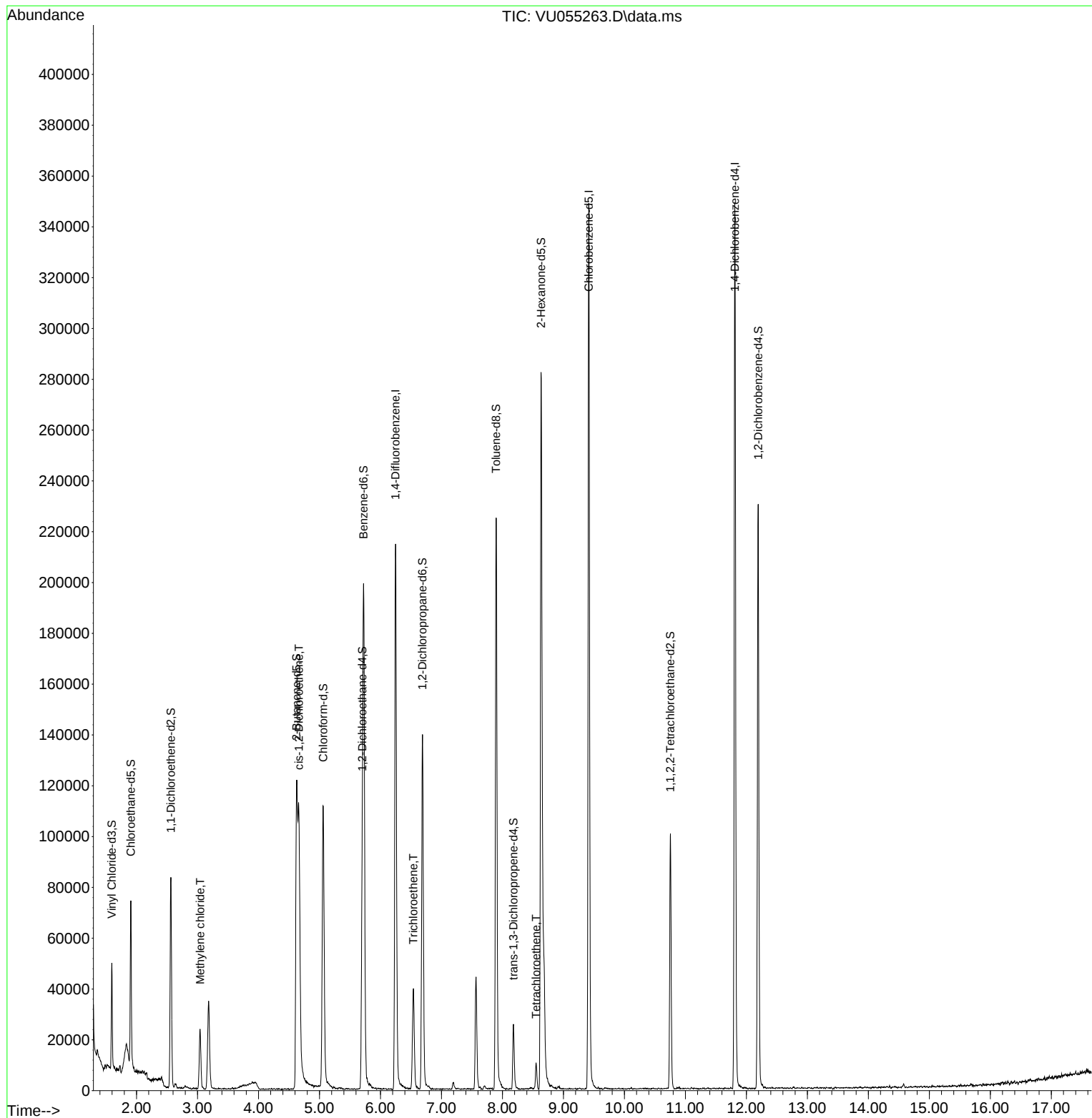
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	174659	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	193104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	91179	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28403	3.470	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.907	69	46053	4.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.563	65	16055	3.442	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	4.624	46	150487	63.350	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.700%
24) Chloroform-d	5.062	84	100982	4.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.701	65	56514	5.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.724	84	185700	3.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.689	67	67743	4.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.898	98	154250	3.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	8.180	79	14600	3.497	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.000%
46) 2-Hexanone-d5	8.634	63	87437	51.586	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.180%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	49095	4.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	59281	4.454	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	10920	0.885	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	42136	4.202	ug/L	92
34) Trichloroethene	6.541	95	10839	0.949	ug/L	97
47) Tetrachloroethene	8.553	164	2231	0.283	ug/L	88

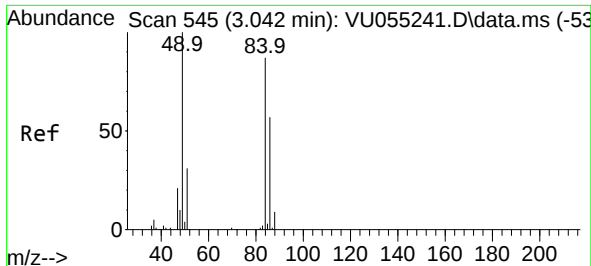
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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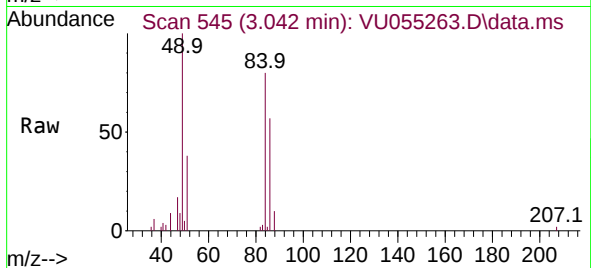
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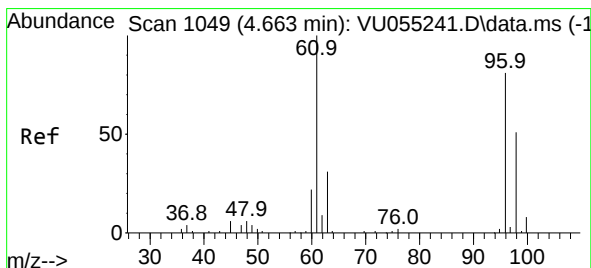
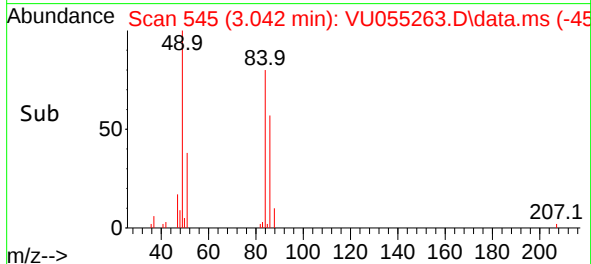
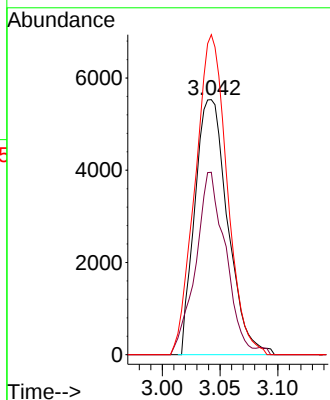


#16
Methylene chloride
Concen: 0.885 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055263.D
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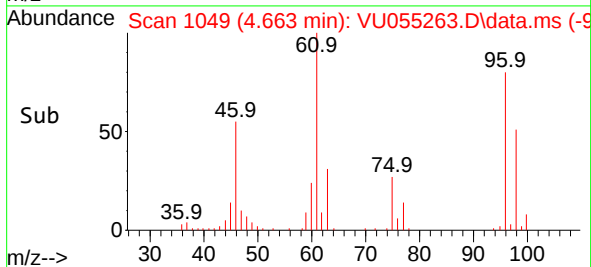
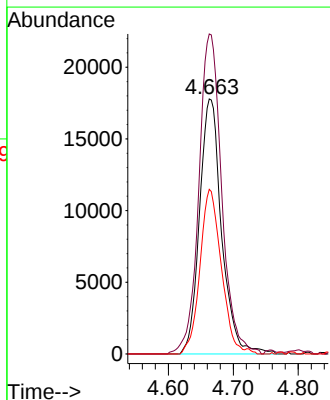
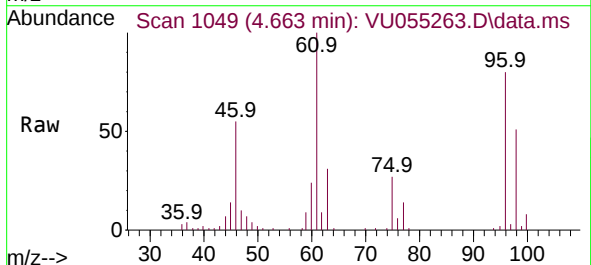


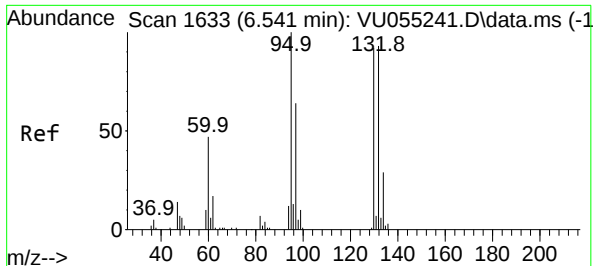
Tgt Ion: 84 Resp: 10920
Ion Ratio Lower Upper
84 100
86 71.5 43.4 80.6
49 131.3 87.7 162.9



#22
cis-1,2-Dichloroethene
Concen: 4.202 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055263.D
Acq: 12 Sep 2023 21:22

Tgt Ion: 96 Resp: 42136
Ion Ratio Lower Upper
96 100
61 125.4 97.2 180.4
98 64.5 46.1 85.7

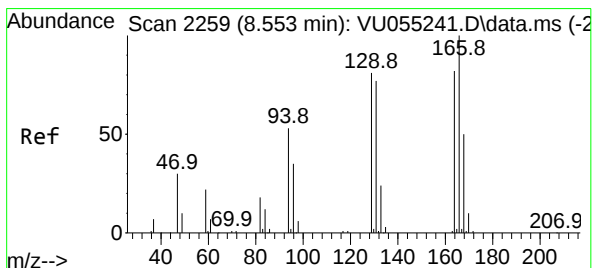
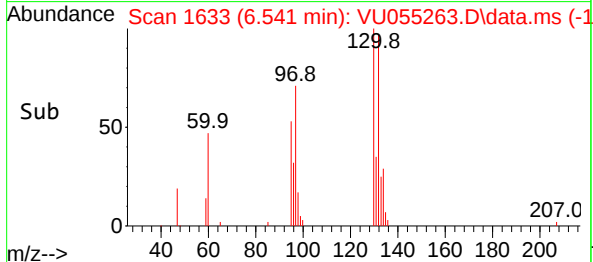
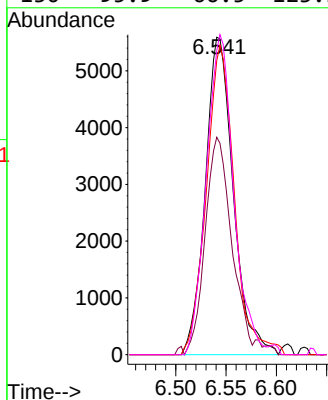
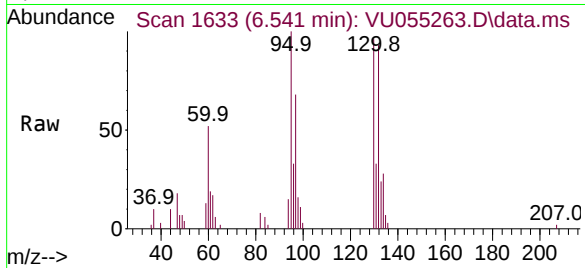




#34
Trichloroethene
Concen: 0.949 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055263.D
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Tgt Ion:	95	Resp:	10839
Ion	Ratio	Lower	Upper
95	100		
97	68.5	44.7	83.1
132	92.6	66.6	123.6
130	95.9	66.5	123.5



#47
Tetrachloroethene
Concen: 0.283 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.000 min
Lab File: VU055263.D
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Tgt Ion:	164	Resp:	2231
Ion	Ratio	Lower	Upper
164	100		
129	101.9	69.2	128.6
131	77.9	68.8	127.8
166	116.5	92.3	171.5

