

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055164.D
 Acq On : 07 Sep 2023 01:22
 Operator : MD/SY
 Sample : 04286-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4G3

Quant Time: Sep 07 02:28:53 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

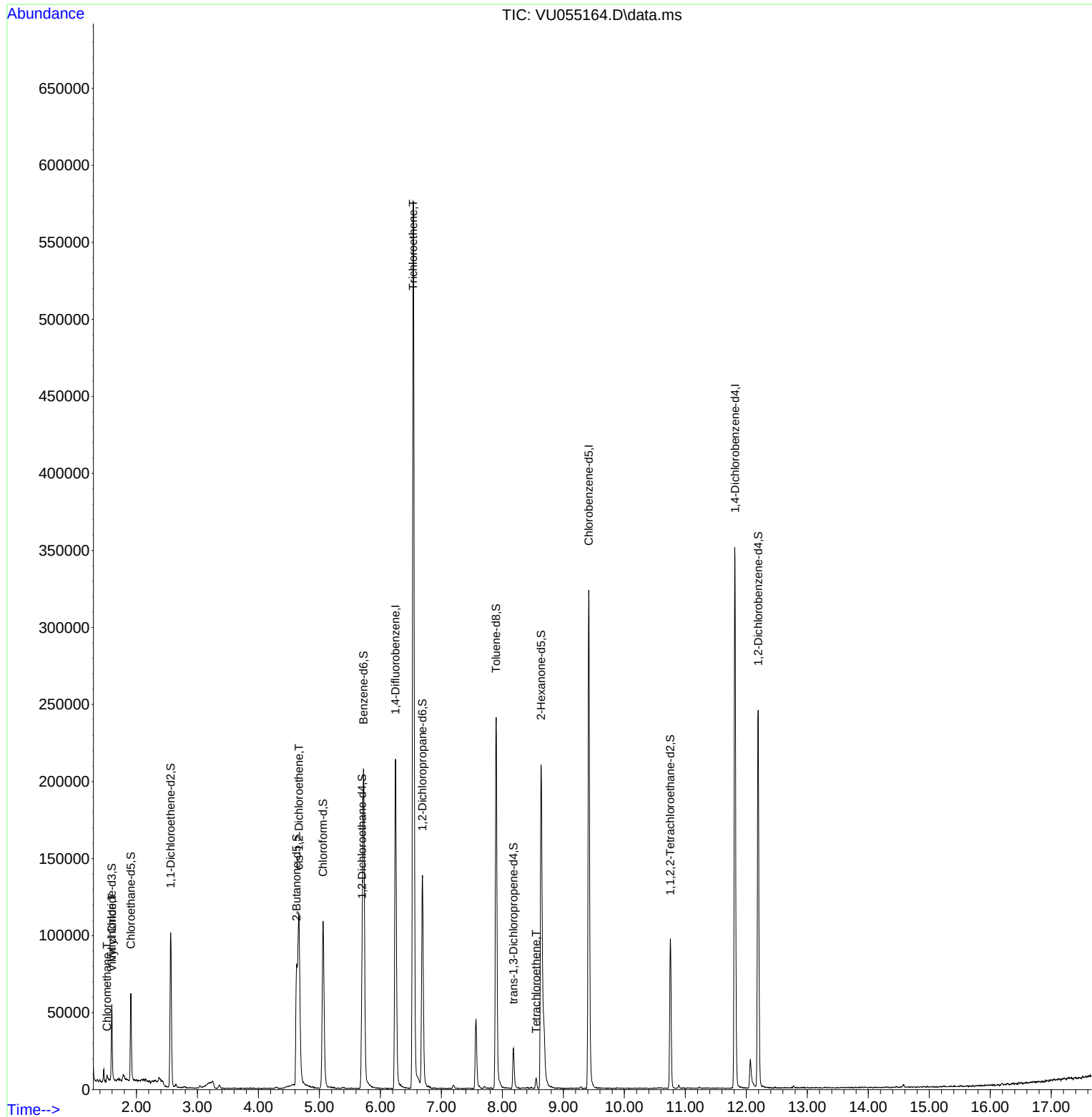
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	169635	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	173516	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	87923	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	29478	3.708	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.200%	
7) Chloroethane-d5	1.908	69	39021	4.240	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.800%	
11) 1,1-Dichloroethene-d2	2.560	65	19031	4.201	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.000%	
20) 2-Butanone-d5	4.625	46	116411	50.456	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.920%	
24) Chloroform-d	5.059	84	97396	4.617	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
26) 1,2-Dichloroethane-d4	5.699	65	53112	5.032	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.724	84	191437	4.470	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
36) 1,2-Dichloropropane-d6	6.689	67	65242	4.789	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.898	98	160932	4.079	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
43) trans-1,3-Dichloroprop...	8.181	79	15137	4.035	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.600%	
46) 2-Hexanone-d5	8.634	63	69181	45.423	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.840%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	48492	5.062	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	60628	4.724	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.400%	
Target Compounds						
3) Chloromethane	1.515	50	2937	0.293	ug/L	89
5) Vinyl chloride	1.599	62	5853	0.553	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	48255	4.954	ug/L	97
34) Trichloroethene	6.538	95	196447	19.141	ug/L	98
47) Tetrachloroethene	8.554	164	1543	0.218	ug/L #	75

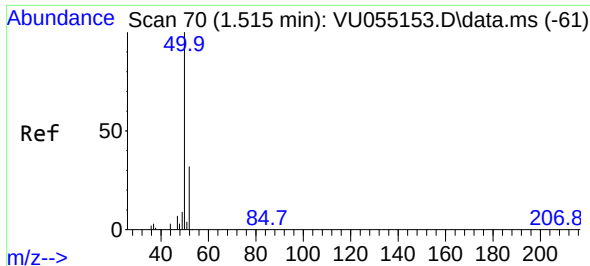
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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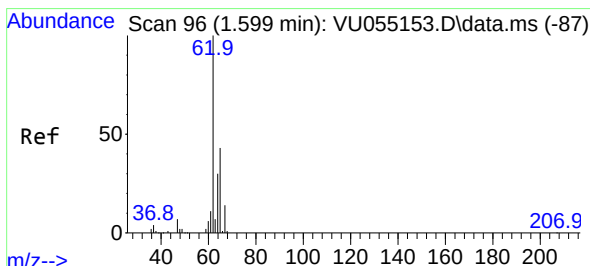
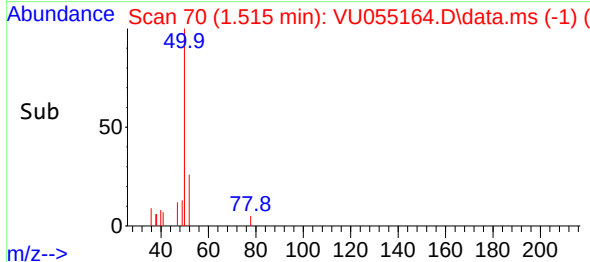
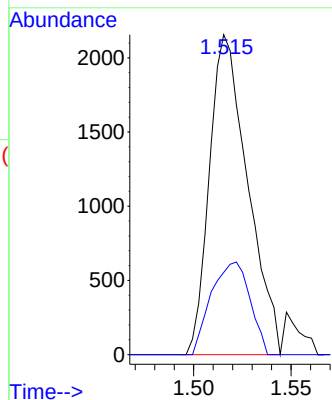
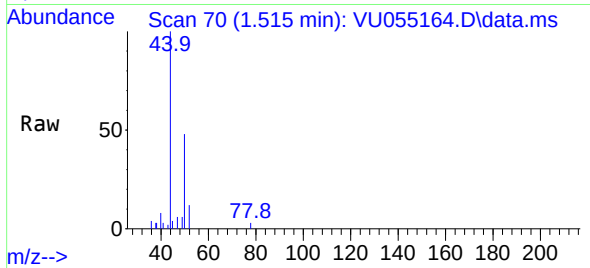




#3
Chloromethane
Concen: 0.293 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055164.D
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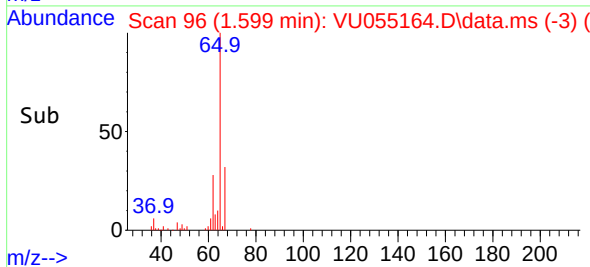
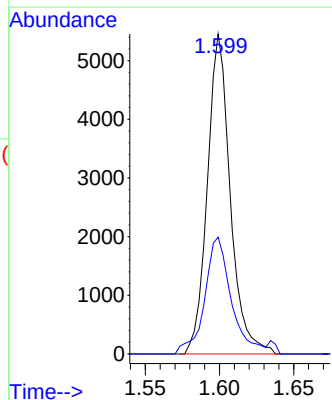
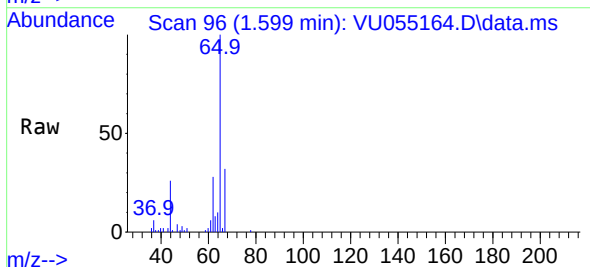
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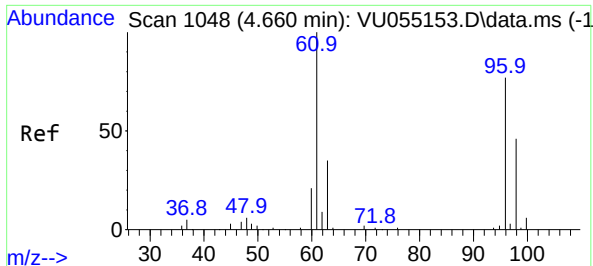
Tgt Ion: 50 Resp: 2937
Ion Ratio Lower Upper
50 100
52 25.7 22.5 41.7



#5
Vinyl chloride
Concen: 0.553 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU055164.D
Acq: 07 Sep 2023 01:22

Tgt Ion: 62 Resp: 5853
Ion Ratio Lower Upper
62 100
64 36.5 24.2 45.0

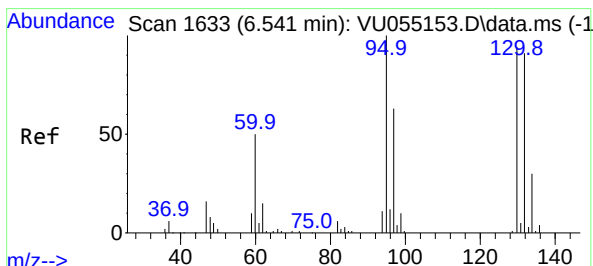
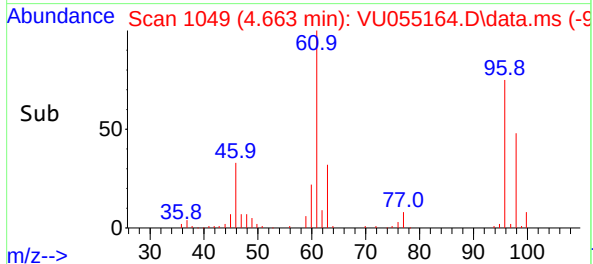
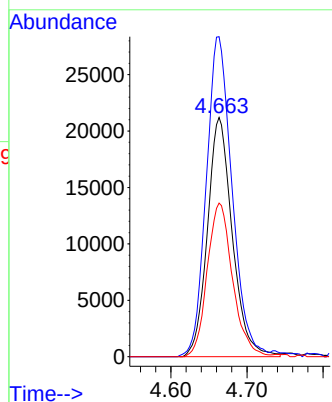
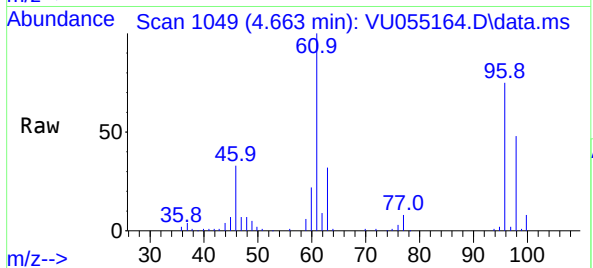




#22
cis-1,2-Dichloroethene
Concen: 4.954 ug/L
RT: 4.663 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU055164.D
Acq: 07 Sep 2023 01:22

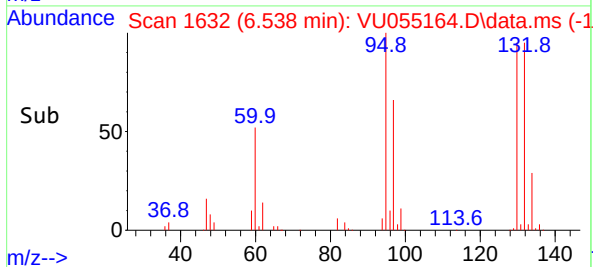
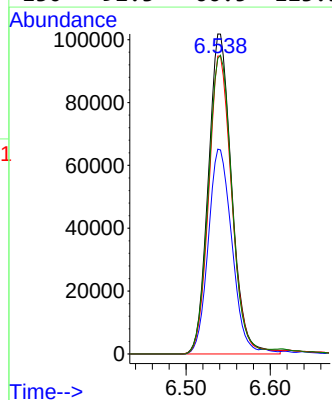
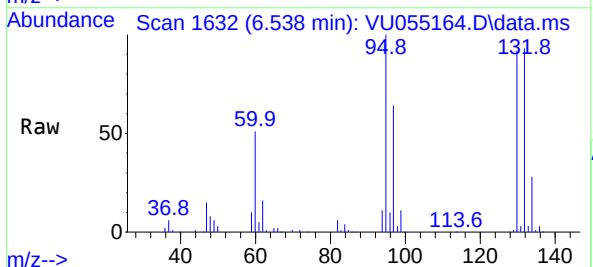
Instrument :
MSVOA_U
ClientSampleId :
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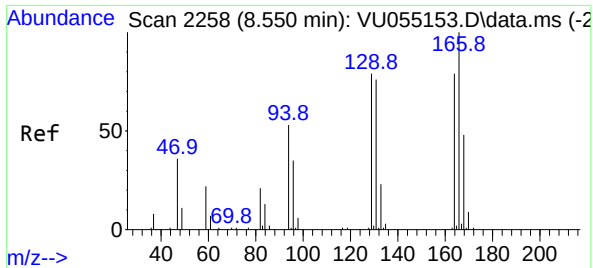
Tgt Ion: 96 Resp: 48255
Ion Ratio Lower Upper
96 100
61 133.8 97.2 180.4
98 64.2 46.1 85.7



#34
Trichloroethene
Concen: 19.141 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU055164.D
Acq: 07 Sep 2023 01:22

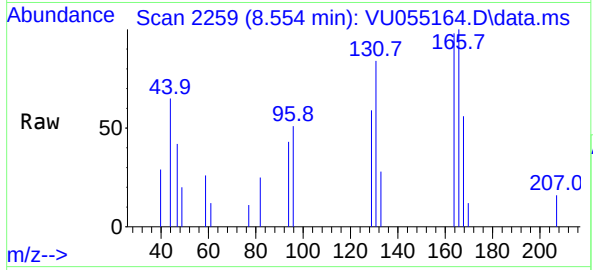
Tgt Ion: 95 Resp: 196447
Ion Ratio Lower Upper
95 100
97 64.0 44.7 83.1
132 93.1 66.6 123.6
130 92.3 66.5 123.5





#47
Tetrachloroethene
Concen: 0.218 ug/L
RT: 8.554 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055164.D
Acq: 07 Sep 2023 01:22

Instrument :
MSVOA_U
ClientSampleId :
BH4G3



Tgt Ion:	164	Resp:	1543
Ion	Ratio	Lower	Upper
164	100		
129	60.2	69.2	128.6#
131	86.2	68.8	127.8
166	102.3	92.3	171.5

