

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055165.D
 Acq On : 07 Sep 2023 01:46
 Operator : MD/SY
 Sample : 04286-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4G4

Quant Time: Sep 07 02:29:02 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)

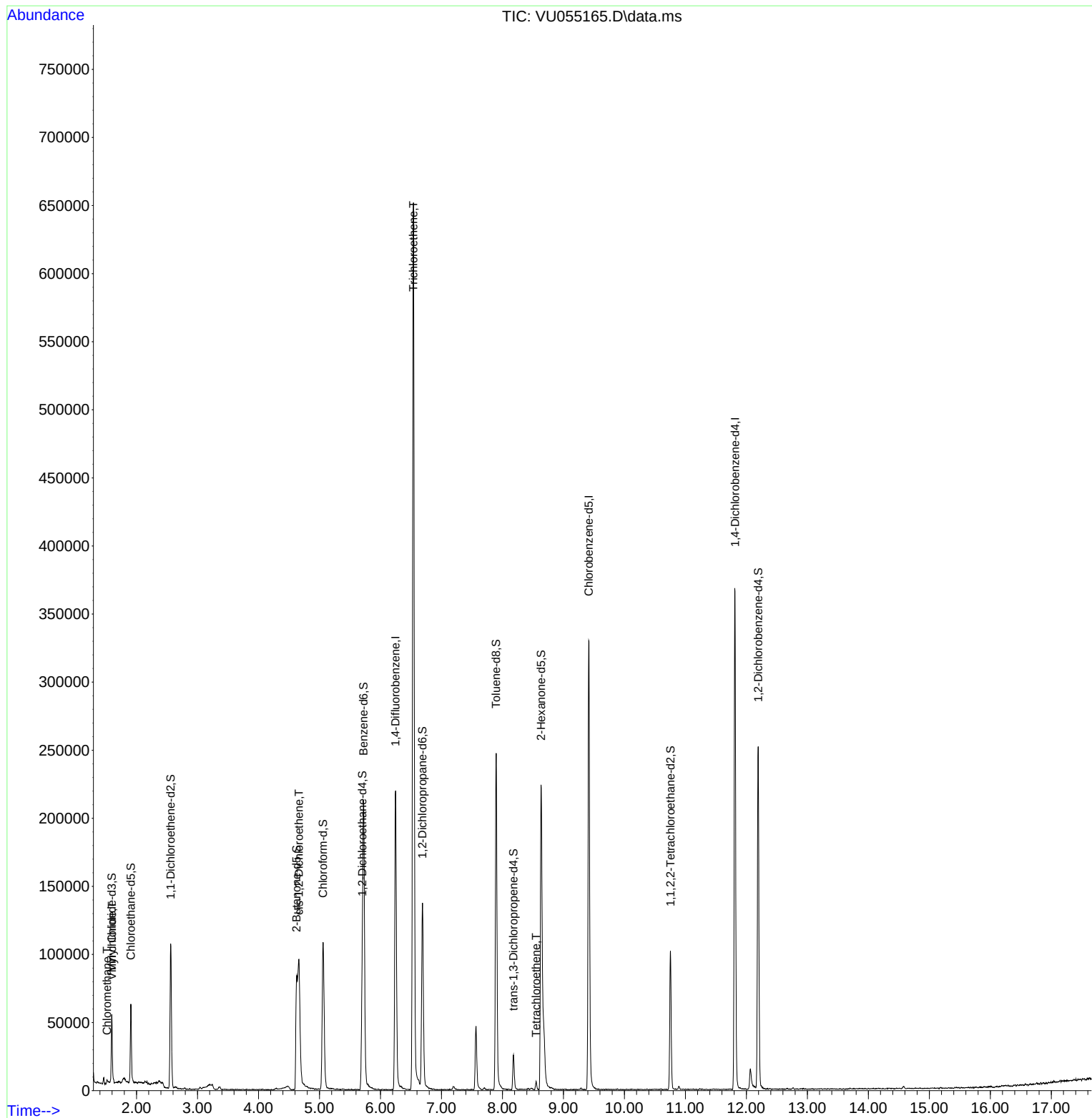
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	177088	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	181625	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	93855	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32930	3.968	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.907	69	38957	4.055	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.560	65	19671	4.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.624	46	124729	51.786	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.580%
24) Chloroform-d	5.058	84	99481	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.701	65	53458	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.724	84	195658	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.689	67	66357	4.654	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.897	98	167606	4.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.180	79	14354	3.655	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.634	63	71387	44.778	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.560%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	49615	4.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	62676	4.575	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	2027	0.193	ug/L	93
5) Vinyl chloride	1.599	62	4659	0.422	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	40022	3.936	ug/L	97
34) Trichloroethene	6.541	95	222325	20.695	ug/L	96
47) Tetrachloroethene	8.553	164	1041	0.140	ug/L	86

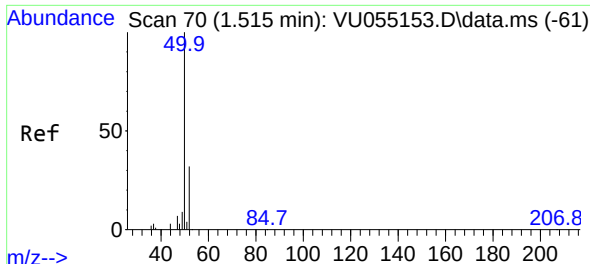
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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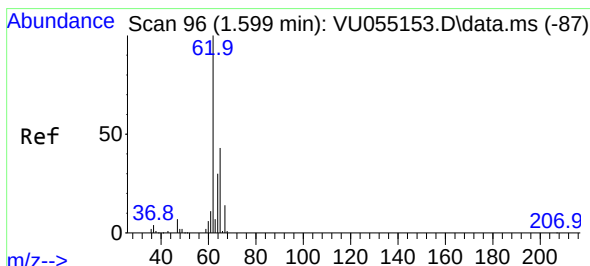
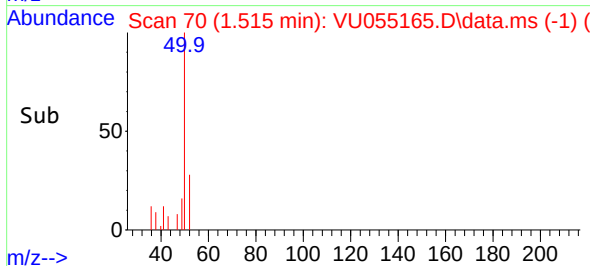
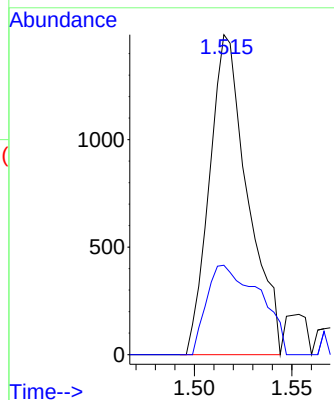
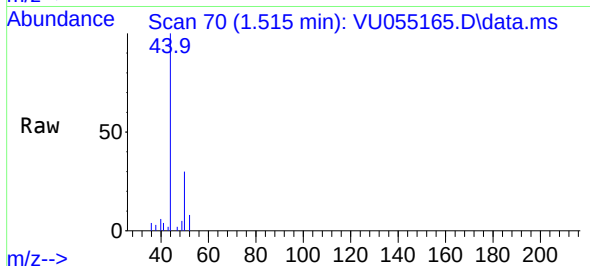




#3
Chloromethane
Concen: 0.193 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055165.D
Acq: 07 Sep 2023 01:46

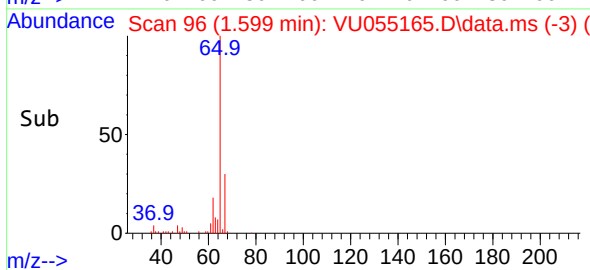
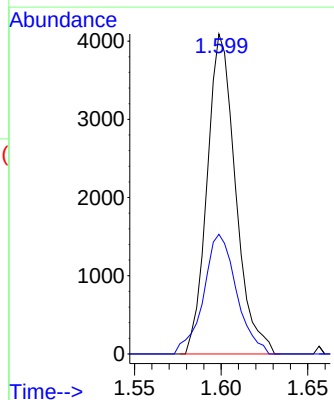
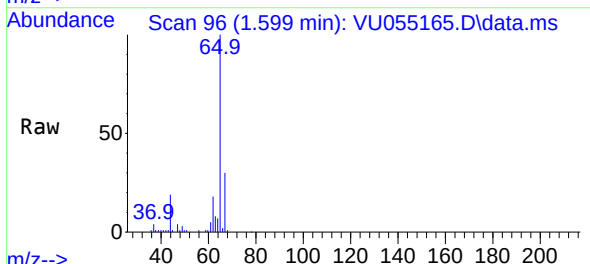
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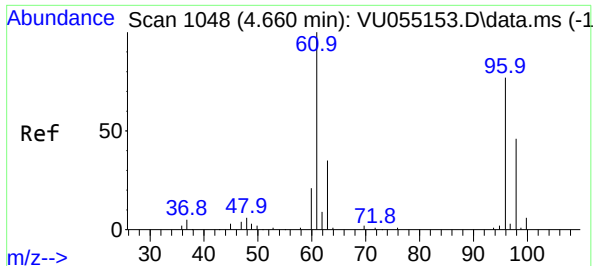
Tgt Ion: 50 Resp: 2027
Ion Ratio Lower Upper
50 100
52 28.0 22.5 41.7



#5
Vinyl chloride
Concen: 0.422 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU055165.D
Acq: 07 Sep 2023 01:46

Tgt Ion: 62 Resp: 4659
Ion Ratio Lower Upper
62 100
64 37.4 24.2 45.0

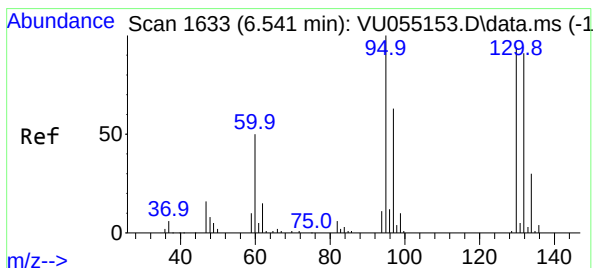
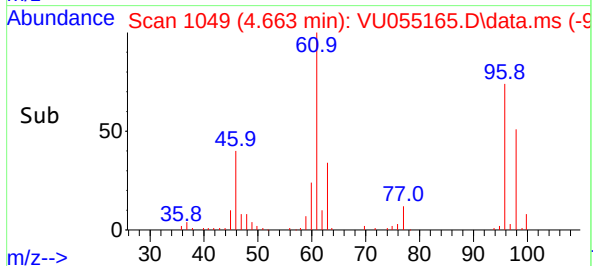
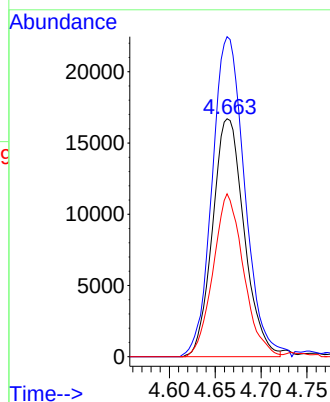
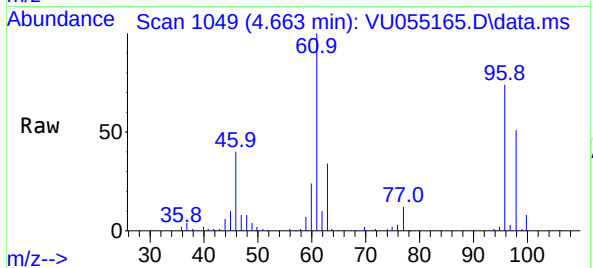




#22
cis-1,2-Dichloroethene
Concen: 3.936 ug/L
RT: 4.663 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU055165.D
Acq: 07 Sep 2023 01:46

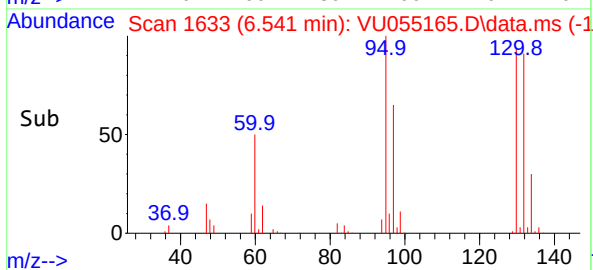
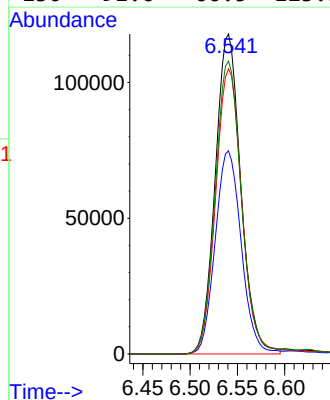
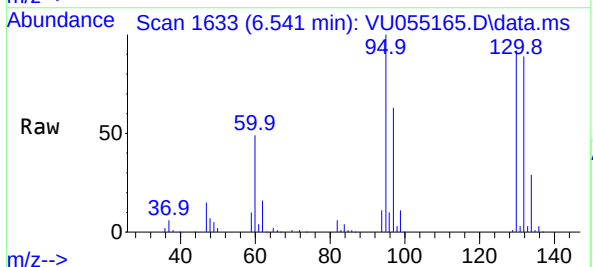
Instrument :
MSVOA_U
ClientSampleId :
BH4G4

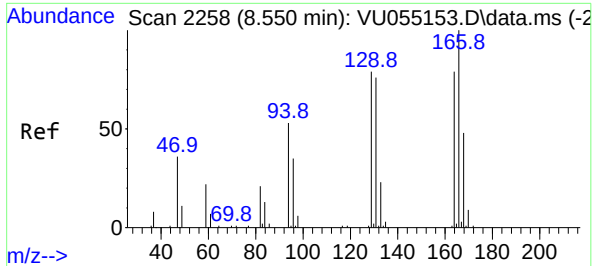
Tgt Ion: 96 Resp: 40022
Ion Ratio Lower Upper
96 100
61 134.5 97.2 180.4
98 68.4 46.1 85.7



#34
Trichloroethene
Concen: 20.695 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055165.D
Acq: 07 Sep 2023 01:46

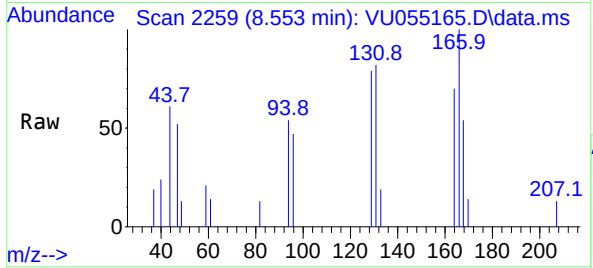
Tgt Ion: 95 Resp: 222325
Ion Ratio Lower Upper
95 100
97 63.5 44.7 83.1
132 89.1 66.6 123.6
130 91.6 66.5 123.5





#47
 Tetrachloroethene
 Concen: 0.140 ug/L
 RT: 8.553 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU055165.D
 Acq: 07 Sep 2023 01:46

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4G4



Tgt Ion:164 Resp: 1041

Ion	Ratio	Lower	Upper
164	100		
129	113.4	69.2	128.6
131	117.9	68.8	127.8
166	143.3	92.3	171.5

