

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055162.D
 Acq On : 07 Sep 2023 00:34
 Operator : MD/SY
 Sample : 04286-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4G1

Quant Time: Sep 07 02:28:36 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)

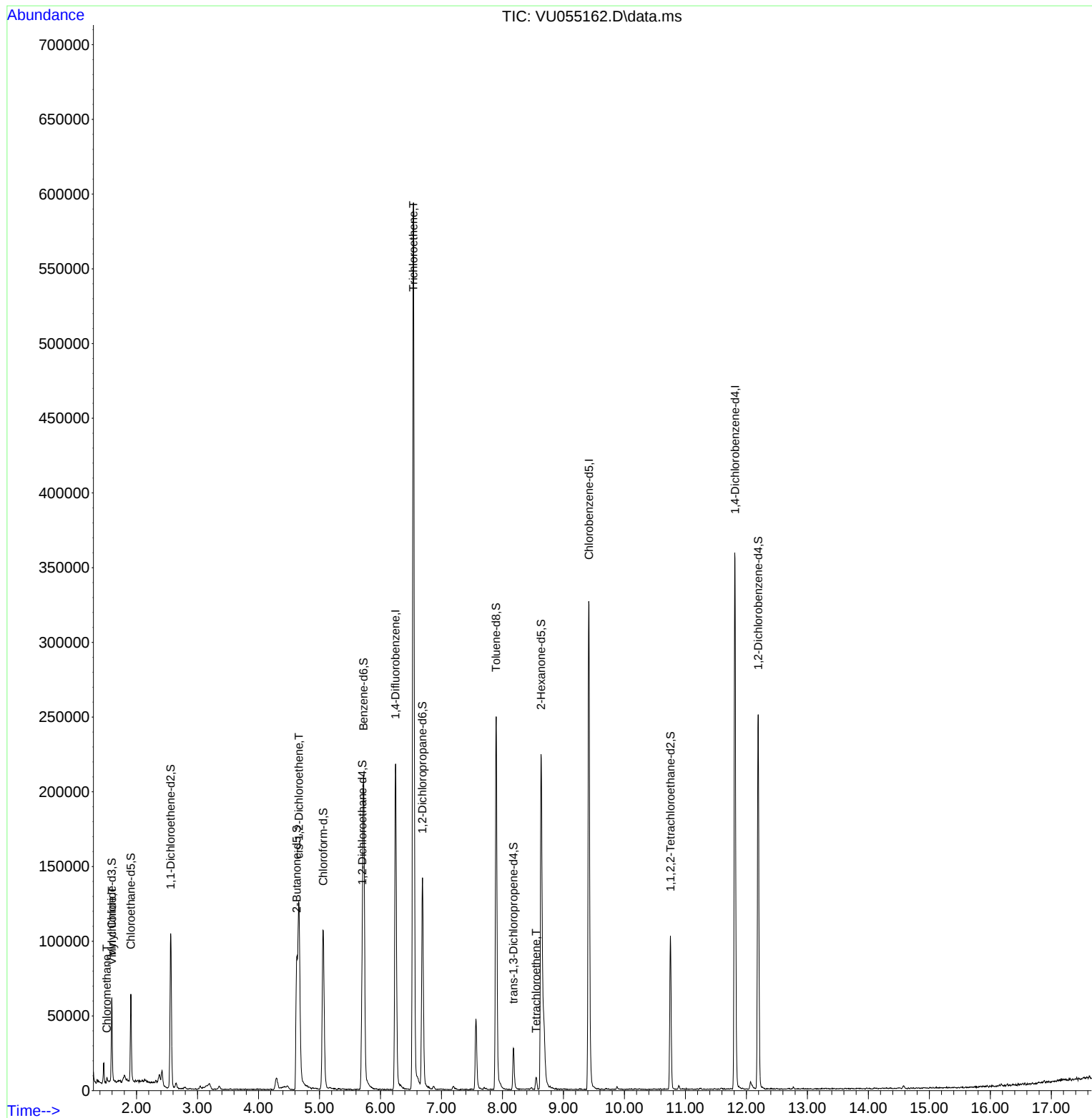
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	172729	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	180274	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	92943	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32072	3.962	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.907	69	40048	4.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	19788	4.290	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.628	46	124212	52.873	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.740%
24) Chloroform-d	5.062	84	100402	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.701	65	54703	5.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.724	84	193432	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.689	67	65900	4.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.897	98	168335	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.180	79	16336	4.191	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.634	63	72509	45.823	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.640%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50560	5.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	62262	4.589	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	2553	0.250	ug/L	92
5) Vinyl chloride	1.599	62	7887	0.732	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	54618	5.507	ug/L	98
34) Trichloroethene	6.541	95	201027	18.853	ug/L	98
47) Tetrachloroethene	8.553	164	1670	0.227	ug/L	93

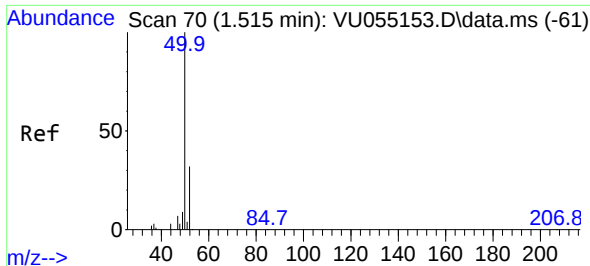
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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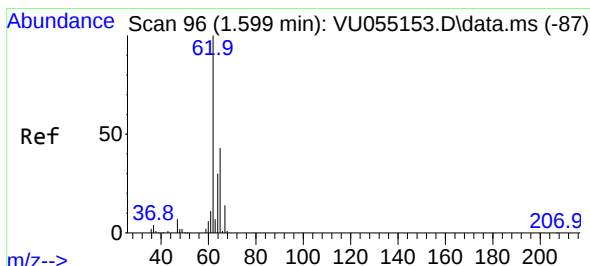
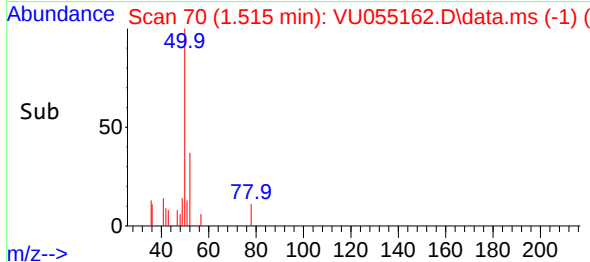
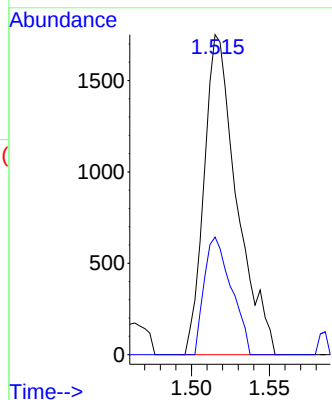
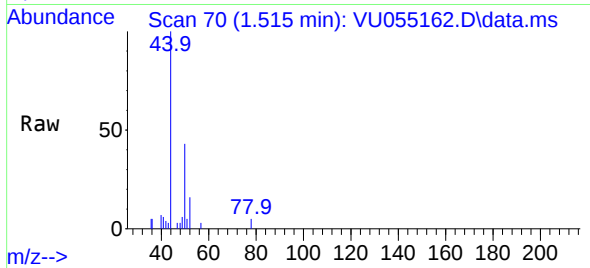




#3
Chloromethane
Concen: 0.250 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055162.D
Acq: 07 Sep 2023 00:34

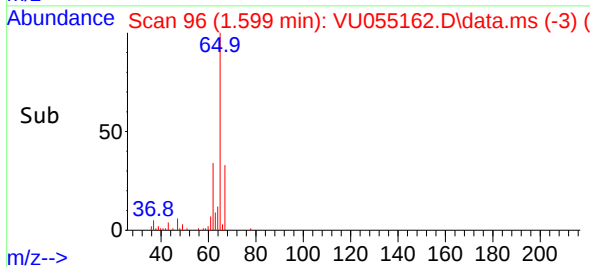
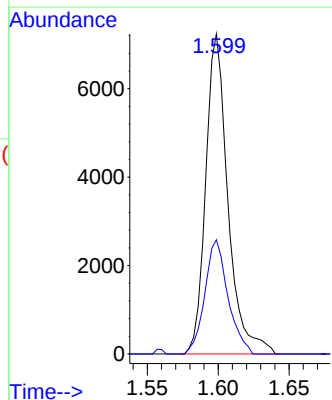
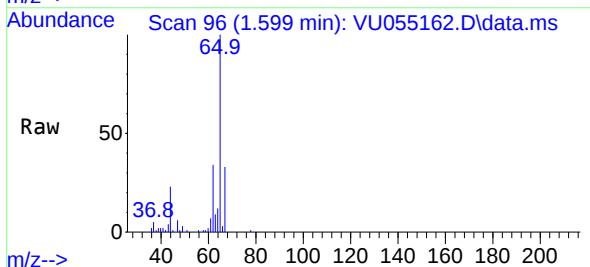
Instrument :
MSVOA_U
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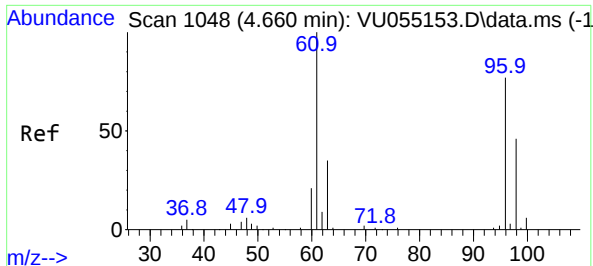
Tgt Ion: 50 Resp: 2553
Ion Ratio Lower Upper
50 100
52 36.7 22.5 41.7



#5
Vinyl chloride
Concen: 0.732 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU055162.D
Acq: 07 Sep 2023 00:34

Tgt Ion: 62 Resp: 7887
Ion Ratio Lower Upper
62 100
64 35.7 24.2 45.0

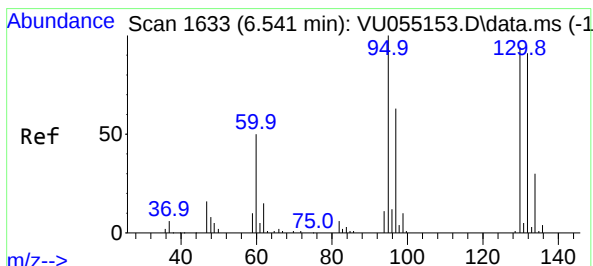
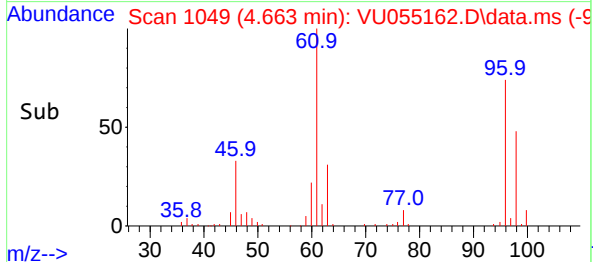
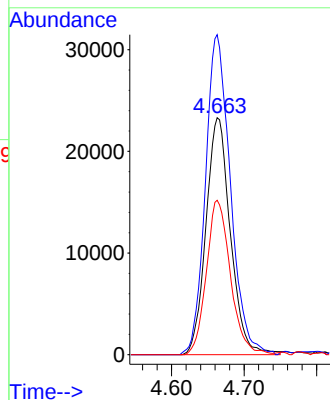
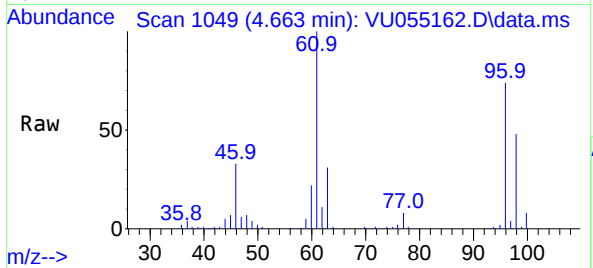




#22
cis-1,2-Dichloroethene
Concen: 5.507 ug/L
RT: 4.663 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU055162.D
Acq: 07 Sep 2023 00:34

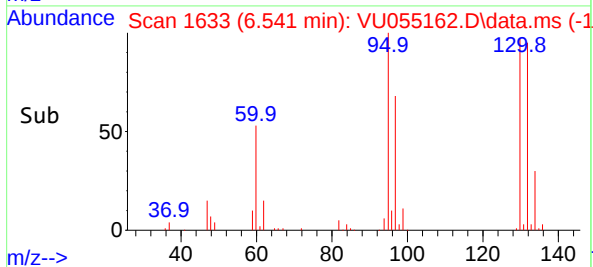
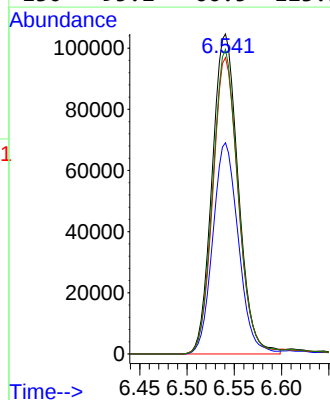
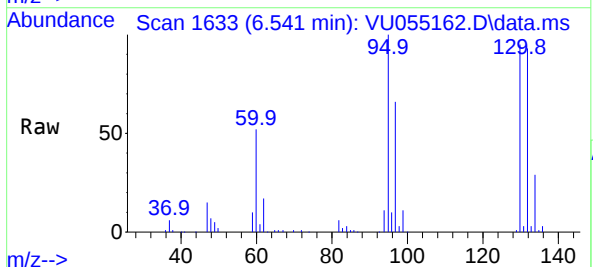
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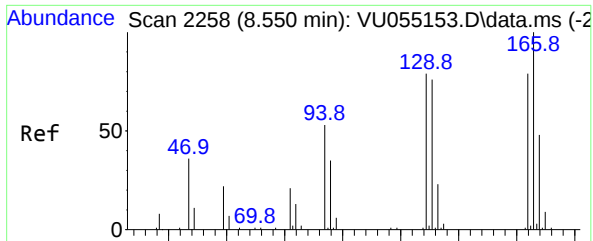
Tgt Ion: 96 Resp: 54618
Ion Ratio Lower Upper
96 100
61 135.0 97.2 180.4
98 65.2 46.1 85.7



#34
Trichloroethene
Concen: 18.853 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055162.D
Acq: 07 Sep 2023 00:34

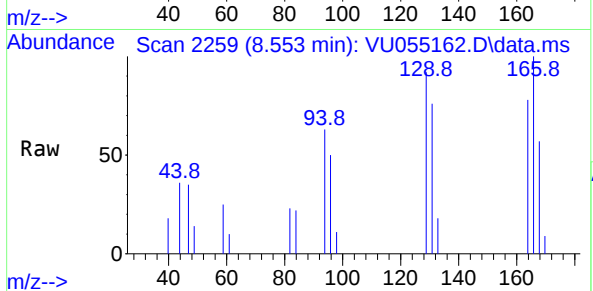
Tgt Ion: 95 Resp: 201027
Ion Ratio Lower Upper
95 100
97 66.0 44.7 83.1
132 92.6 66.6 123.6
130 95.2 66.5 123.5





#47
 Tetrachloroethene
 Concen: 0.227 ug/L
 RT: 8.553 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU055162.D
 Acq: 07 Sep 2023 00:34

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4G1



Tgt Ion:164 Resp: 1670

Ion	Ratio	Lower	Upper
164	100		
129	118.1	69.2	128.6
131	98.0	68.8	127.8
166	128.4	92.3	171.5

