

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055076.D
 Acq On : 02 Sep 2023 05:56
 Operator : MD/SY
 Sample : 04250-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4C0

Quant Time: Sep 04 01:36:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 02 00:23:04 2023
 Response via : Initial Calibration

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

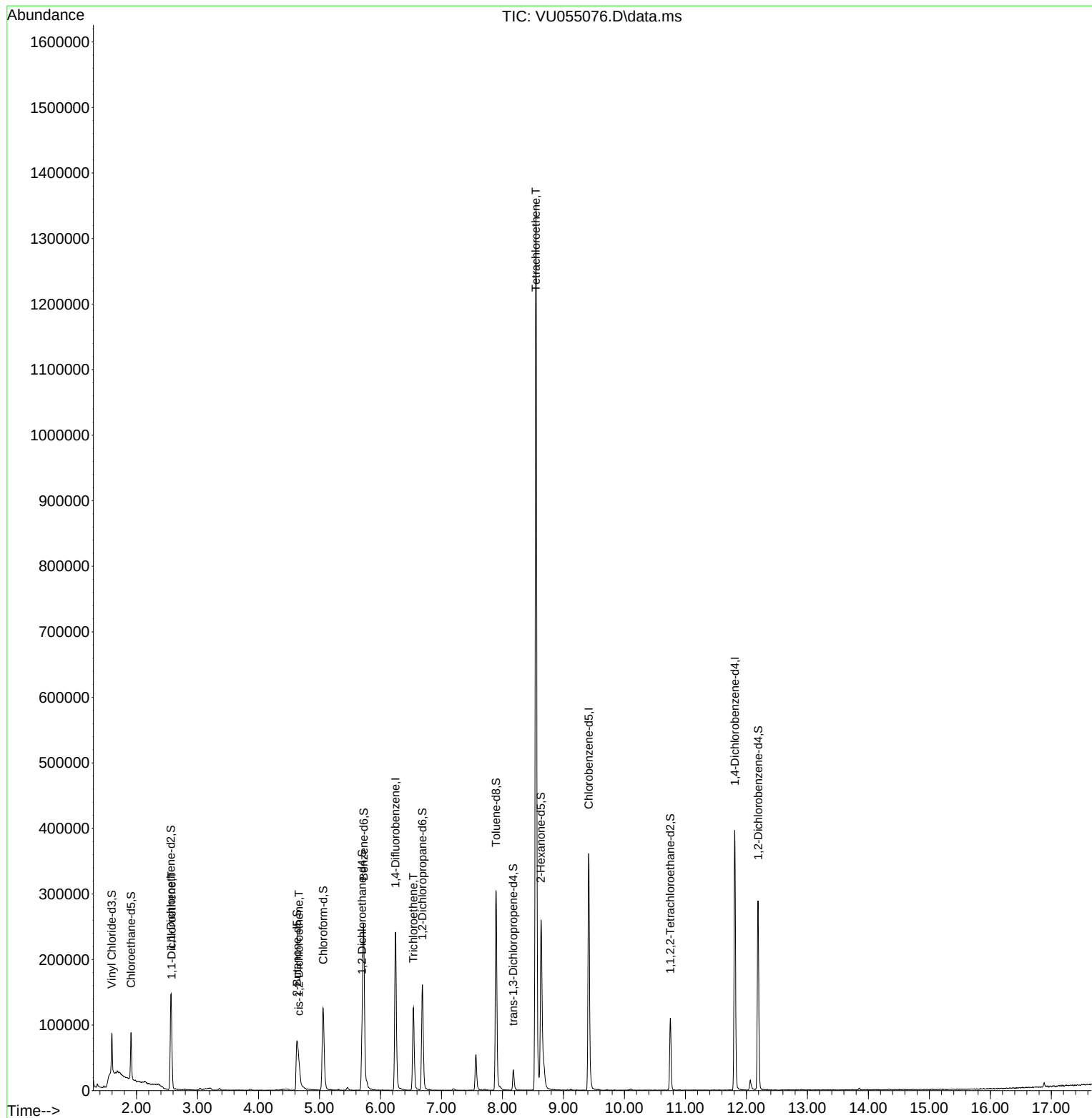
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	194255	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	196193	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	102591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40543	4.453	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.911	69	48656	4.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.563	65	24711	4.764	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.631	46	129585	49.048	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.100%
24) Chloroform-d	5.062	84	117530	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.698	65	60417	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.724	84	235620	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.689	67	75647	4.911	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.898	98	205675	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.177	79	18057	4.257	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.631	63	86069	49.979	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.960%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53216	4.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	74127	4.950	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	11768	1.310	ug/L	# 1
22) cis-1,2-Dichloroethene	4.663	96	9240	0.828	ug/L	81
34) Trichloroethene	6.541	95	43465	3.745	ug/L	97
47) Tetrachloroethene	8.550	164	281321	35.075	ug/L	98

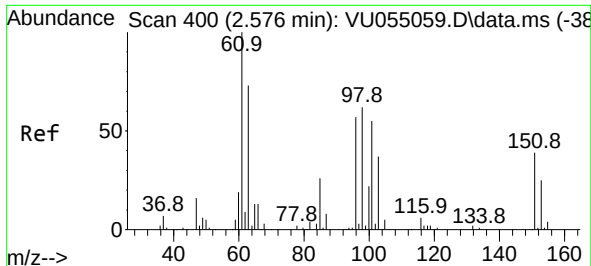
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.310 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU055076.D

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Instrument :

MSVOA_U

ClientSampleId :

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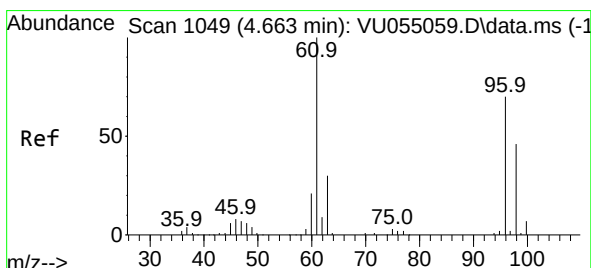
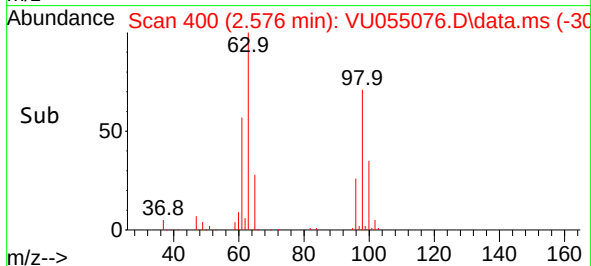
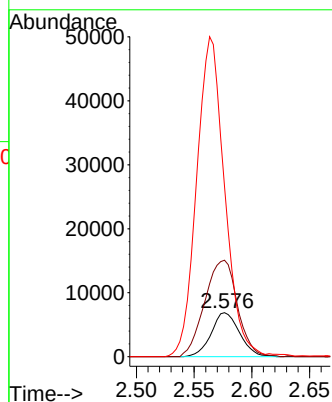
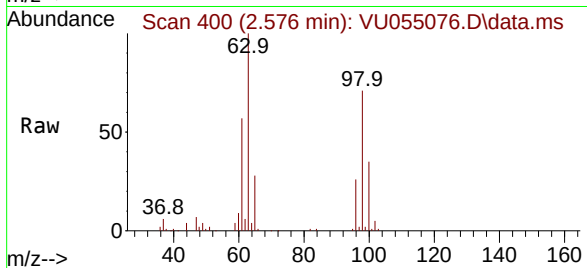
Tgt Ion: 96 Resp: 11768

Ion Ratio Lower Upper

96 100

61 219.1 120.8 224.4

63 386.7 94.5 175.5#



#22

cis-1,2-Dichloroethene

Concen: 0.828 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055076.D

Acq: 02 Sep 2023 05:56

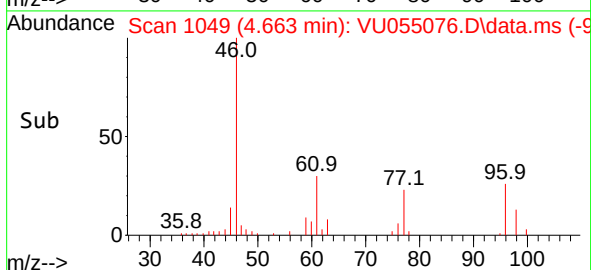
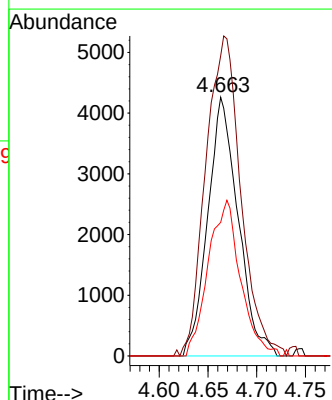
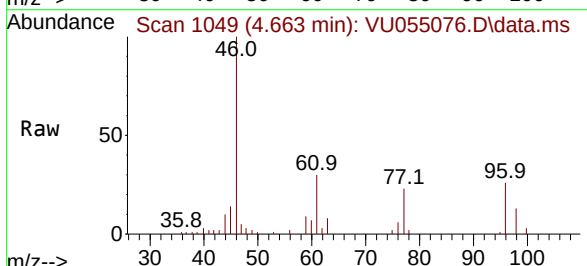
Tgt Ion: 96 Resp: 9240

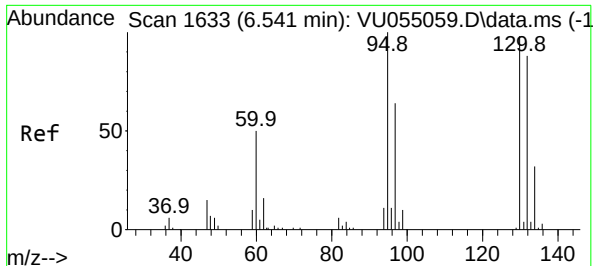
Ion Ratio Lower Upper

96 100

61 116.0 97.2 180.4

98 51.7 46.1 85.7



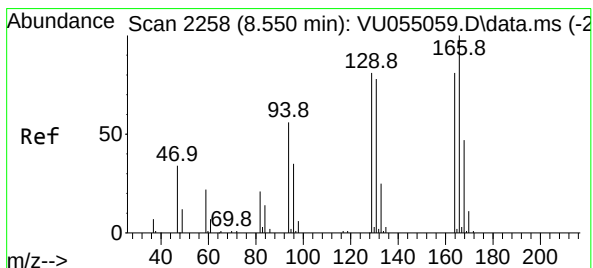
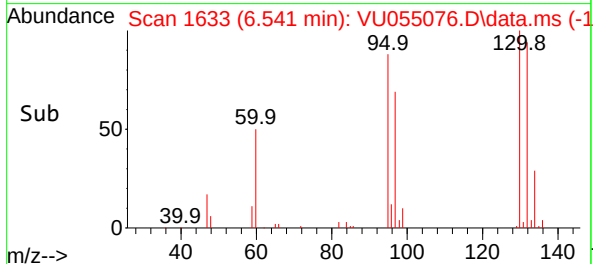
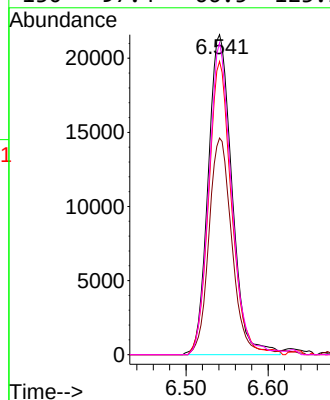
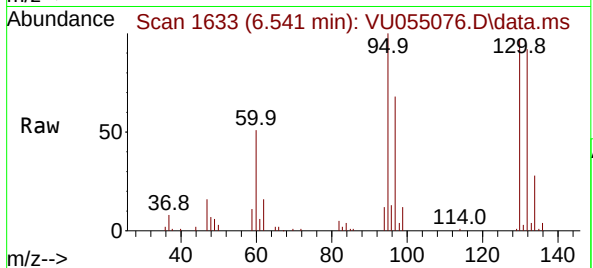


#34
Trichloroethene
Concen: 3.745 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
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Tgt Ion: 95 Resp: 43465

Ion	Ratio	Lower	Upper
95	100		
97	67.7	44.7	83.1
132	91.7	66.6	123.6
130	97.4	66.5	123.5



#47
Tetrachloroethene
Concen: 35.075 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055076.D
Acq: 02 Sep 2023 05:56

Tgt Ion: 164 Resp: 281321

Ion	Ratio	Lower	Upper
164	100		
129	99.8	69.2	128.6
131	97.9	68.8	127.8
166	127.8	92.3	171.5

