

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055262.D
 Acq On : 12 Sep 2023 20:57
 Operator : MD/SY
 Sample : 04306-17 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4L8

Quant Time: Sep 13 01:50:49 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)

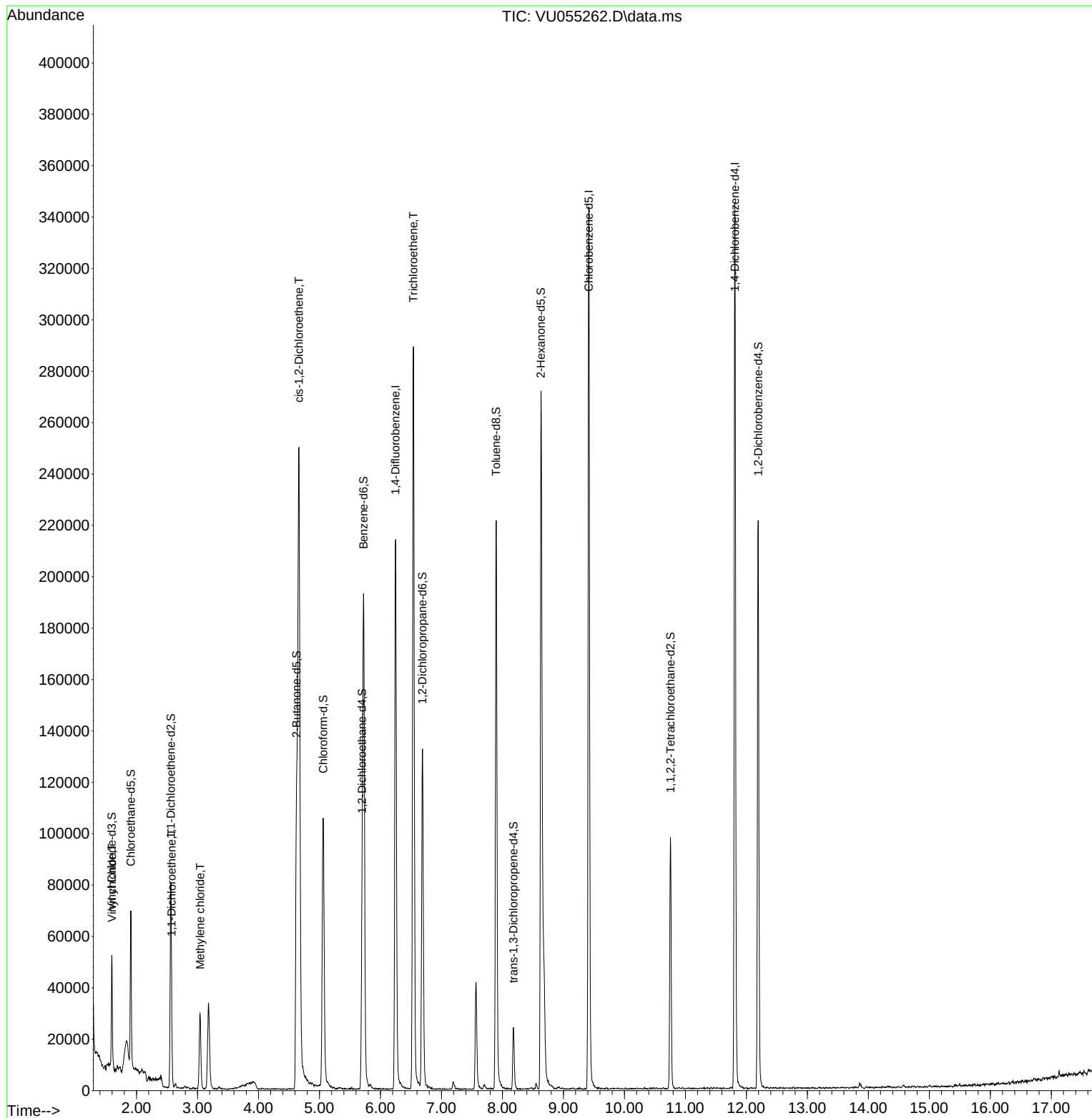
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	171396	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	189015	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26418	3.289	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.800%
7) Chloroethane-d5	1.907	69	42435	4.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.563	65	14473	3.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	4.624	46	139521	59.852	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.700%
24) Chloroform-d	5.062	84	97679	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.698	65	53372	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.724	84	177403	3.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.689	67	64254	4.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.897	98	151978	3.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.180	79	14265	3.491	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.631	63	84207	50.755	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.500%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50217	4.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	57323	4.419	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
5) Vinyl chloride	1.599	62	4606	0.431	ug/L	97
12) 1,1-Dichloroethene	2.576	96	1780	0.225	ug/L	# 1
16) Methylene chloride	3.042	84	14160	1.169	ug/L	89
22) cis-1,2-Dichloroethene	4.663	96	118079	11.999	ug/L	95
34) Trichloroethene	6.541	95	99491	8.899	ug/L	97

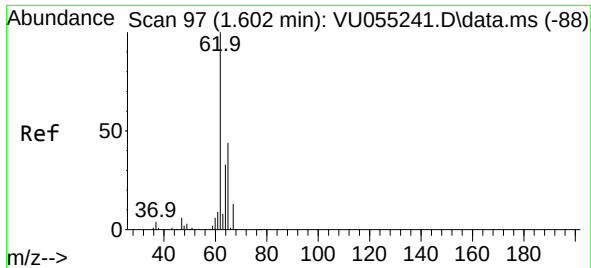
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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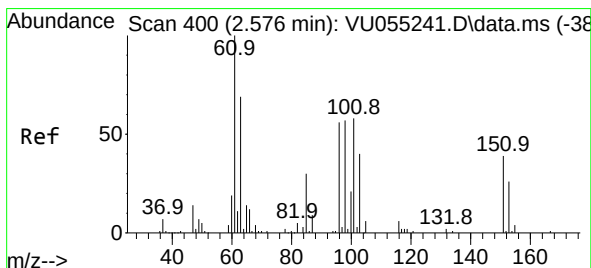
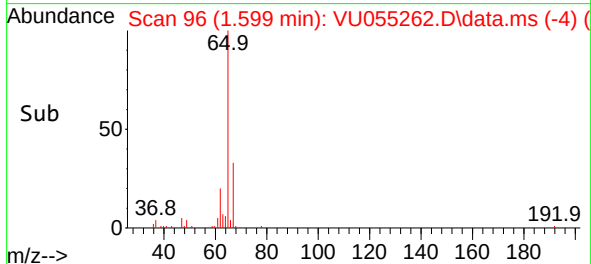
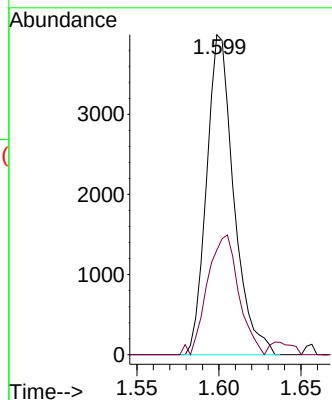
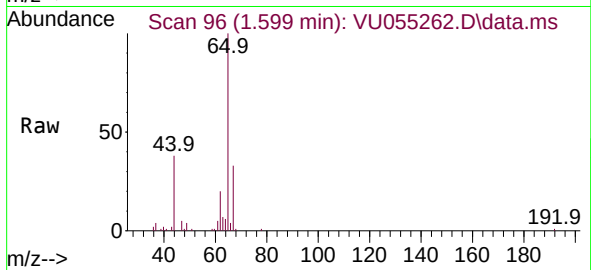




#5
 Vinyl chloride
 Concen: 0.431 ug/L
 RT: 1.599 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU055262.D
 Acq: 12 Sep 2023 20:57

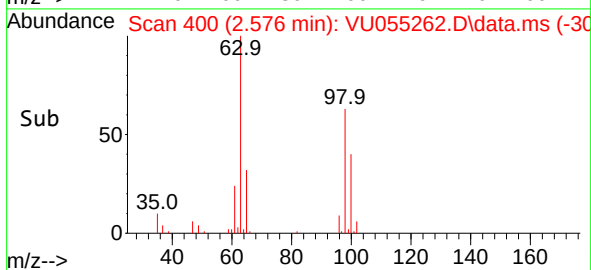
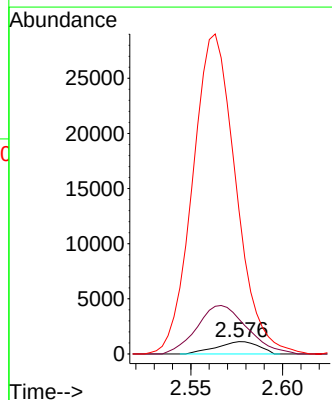
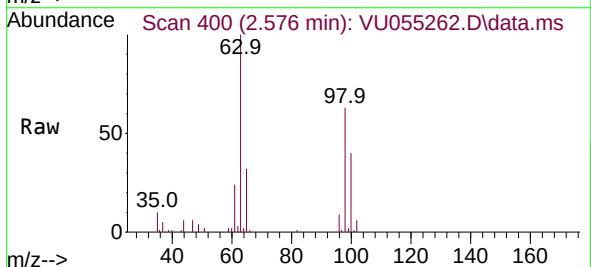
Instrument :
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 BH4L8

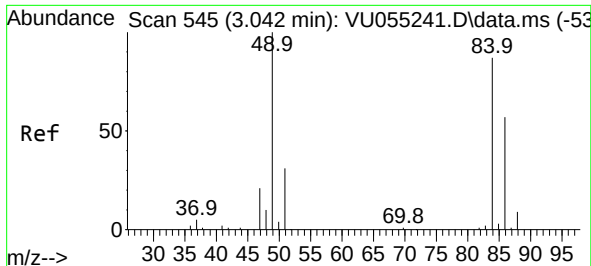
Tgt Ion: 62 Resp: 4606
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.2 45.0



#12
 1,1-Dichloroethene
 Concen: 0.225 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055262.D
 Acq: 12 Sep 2023 20:57

Tgt Ion: 96 Resp: 1780
 Ion Ratio Lower Upper
 96 100
 61 240.0 120.8 224.4#
 63 995.0 94.5 175.5#

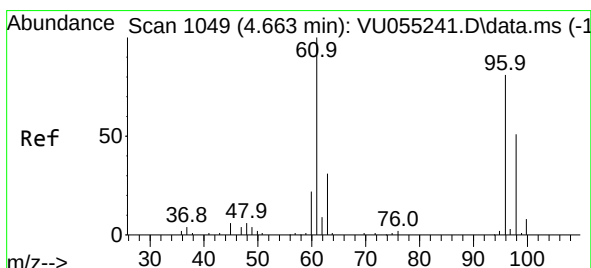
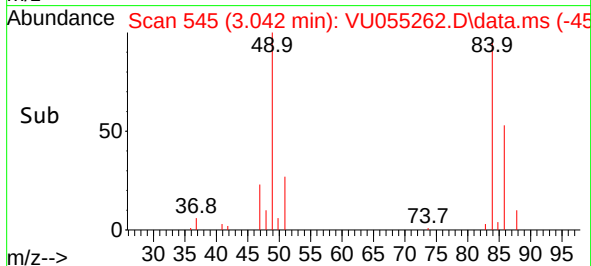
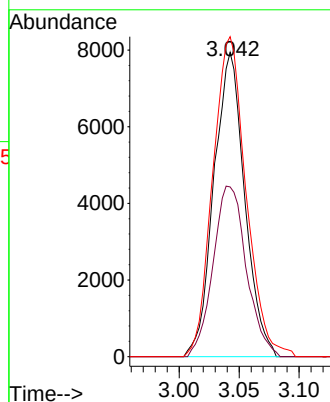
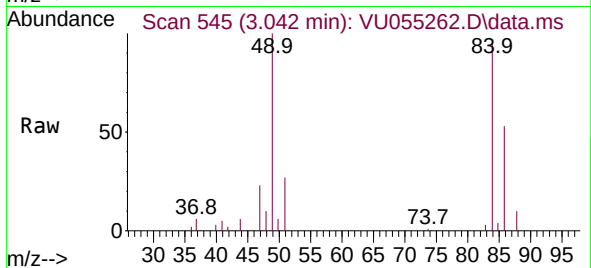




#16
Methylene chloride
Concen: 1.169 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055262.D
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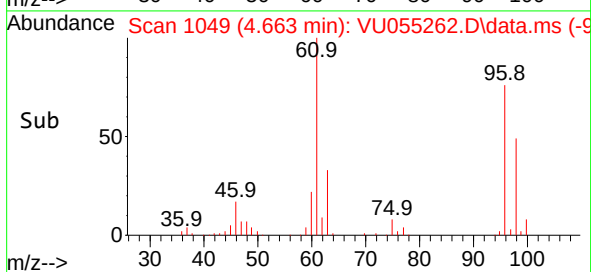
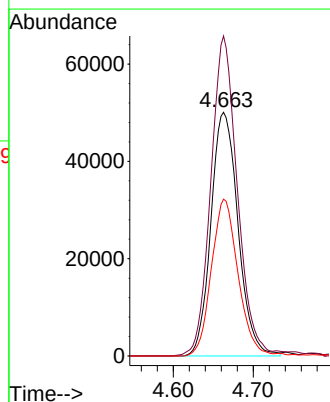
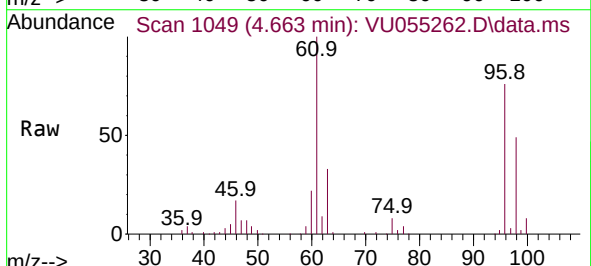
Instrument :
MSVOA_U
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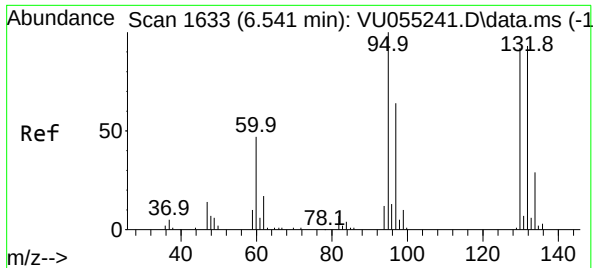
Tgt Ion: 84 Resp: 14160
Ion Ratio Lower Upper
84 100
86 55.8 43.4 80.6
49 111.4 87.7 162.9



#22
cis-1,2-Dichloroethene
Concen: 11.999 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055262.D
Acq: 12 Sep 2023 20:57

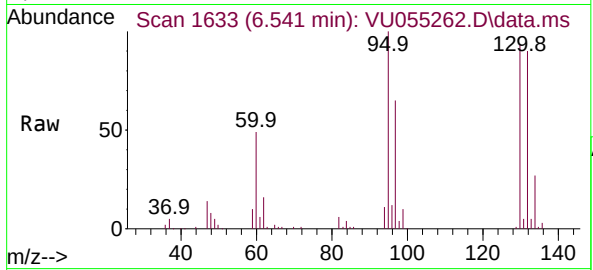
Tgt Ion: 96 Resp: 118079
Ion Ratio Lower Upper
96 100
61 131.3 97.2 180.4
98 64.4 46.1 85.7





#34
 Trichloroethene
 Concen: 8.899 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU055262.D
 Acq: 12 Sep 2023 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4L8



Tgt Ion: 95	Resp: 99491
Ion Ratio	Lower Upper
95 100	
97 64.6	44.7 83.1
132 89.6	66.6 123.6
130 93.5	66.5 123.5

