

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055291.D
 Acq On : 13 Sep 2023 17:54
 Operator : MD/SY
 Sample : 04350-11DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N2DL

Quant Time: Sep 14 05:07:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

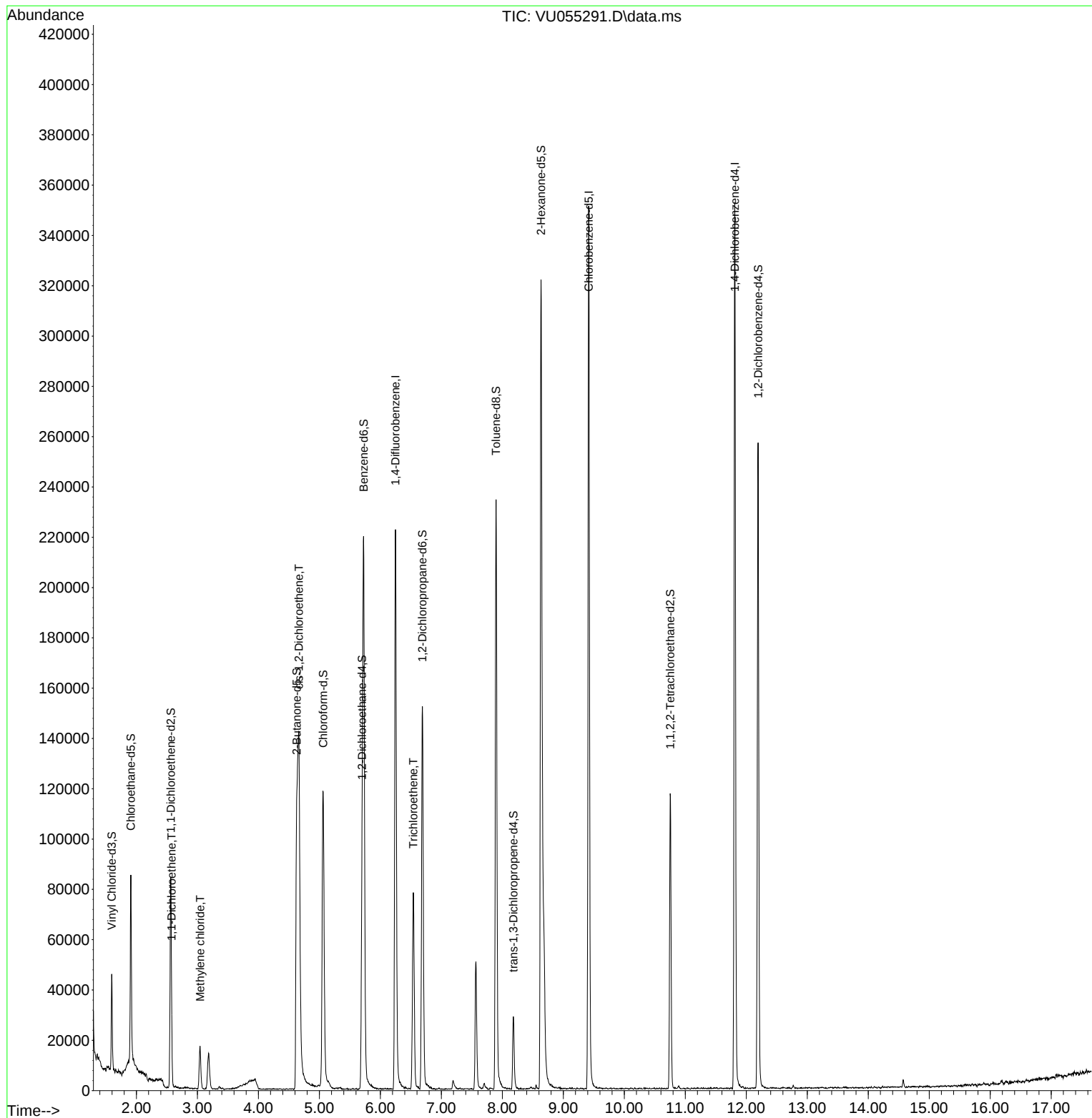
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	186035	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	195380	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	92460	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26276	3.014	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.200%
7) Chloroethane-d5	1.908	69	49808	4.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.563	65	15773	3.175	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	4.628	46	170747	67.483	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.960%#
24) Chloroform-d	5.062	84	110378	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.698	65	61797	5.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.724	84	209703	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.689	67	74461	4.854	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.898	98	163515	3.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.181	79	16880	3.996	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.634	63	100681	58.707	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.420%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58927	5.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	66763	4.947	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	1969	0.229	ug/L #	1
16) Methylene chloride	3.043	84	7730	0.588	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	53135	4.974	ug/L	94
34) Trichloroethene	6.541	95	23792	2.059	ug/L	95

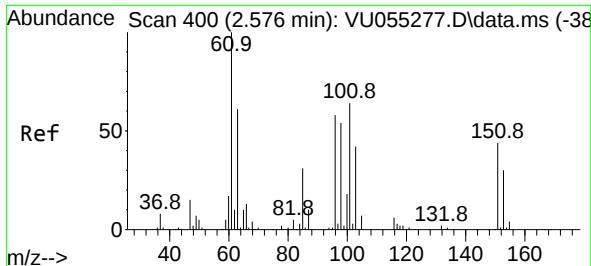
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.229 ug/L

RT: 2.576 min Scan# 40

Delta R.T. 0.000 min

Lab File: VU055291.D

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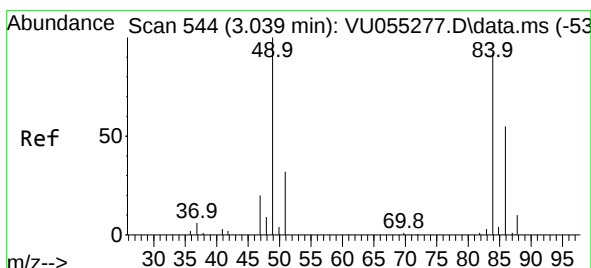
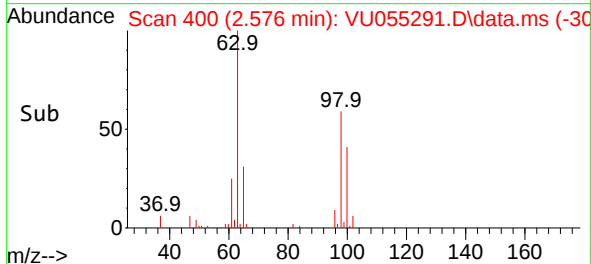
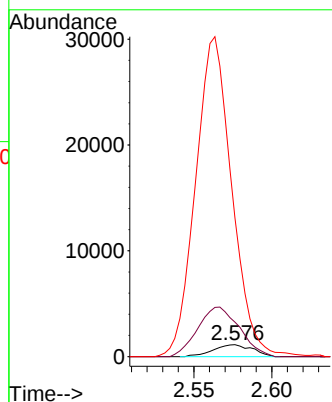
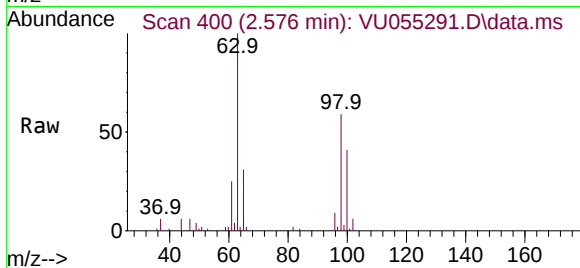
Tgt Ion: 96 Resp: 1969

Ion Ratio Lower Upper

96 100

61 232.0 120.8 224.4#

63 934.4 94.5 175.5#



#16

Methylene chloride

Concen: 0.588 ug/L

RT: 3.043 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU055291.D

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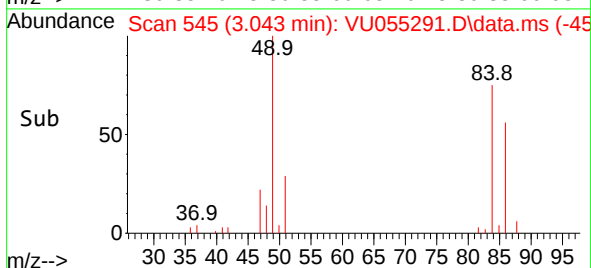
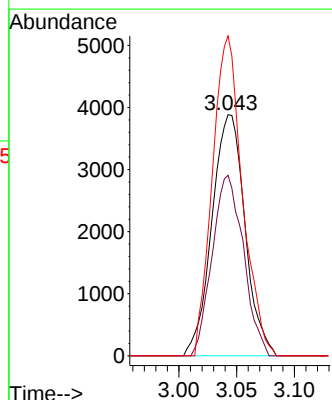
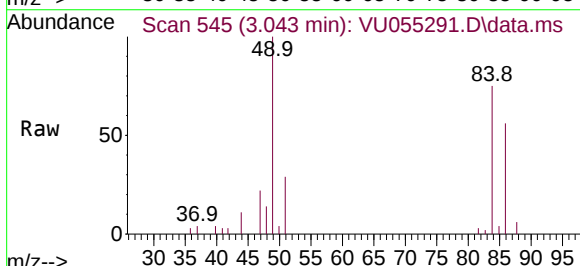
Tgt Ion: 84 Resp: 7730

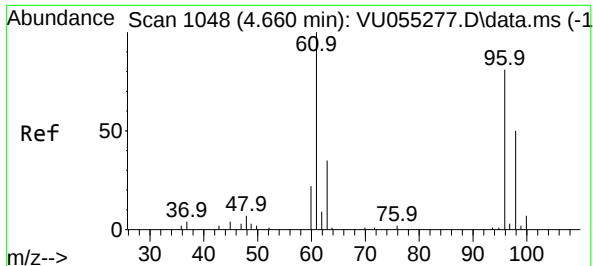
Ion Ratio Lower Upper

84 100

86 74.8 43.4 80.6

49 132.6 87.7 162.9

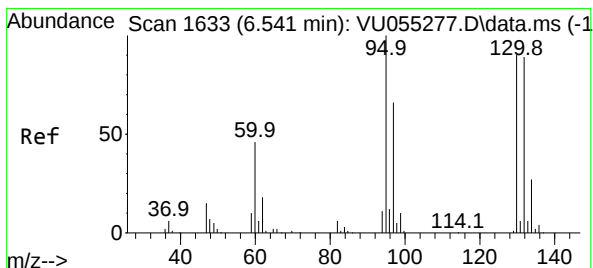
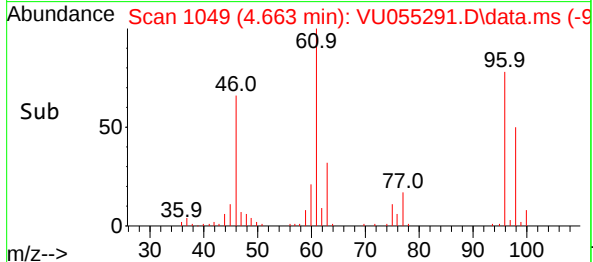
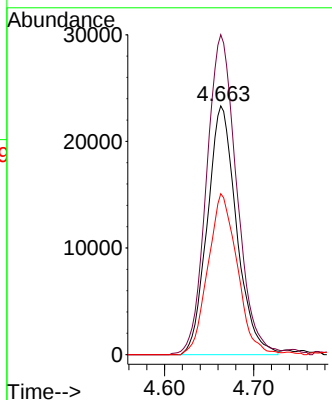
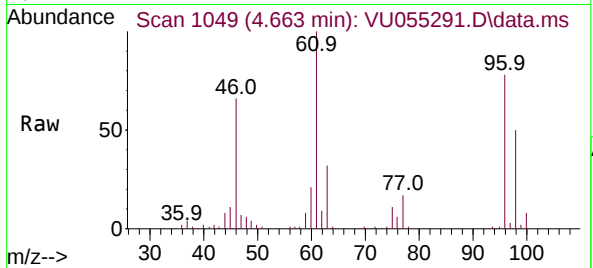




#22
 cis-1,2-Dichloroethene
 Concen: 4.974 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU055291.D
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 ClientSampleId :
 BH4N2DL

Tgt Ion: 96 Resp: 53135
 Ion Ratio Lower Upper
 96 100
 61 128.7 97.2 180.4
 98 64.7 46.1 85.7



#34
 Trichloroethene
 Concen: 2.059 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055291.D
 Acq: 13 Sep 2023 17:54

Tgt Ion: 95 Resp: 23792
 Ion Ratio Lower Upper
 95 100
 97 64.7 44.7 83.1
 132 87.0 66.6 123.6
 130 97.9 66.5 123.5

