

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052701.D
 Acq On : 16 Jan 2023 14:17
 Operator : JC/MD
 Sample : 01139-03DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Y6DL

Quant Time: Jan 17 05:33:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

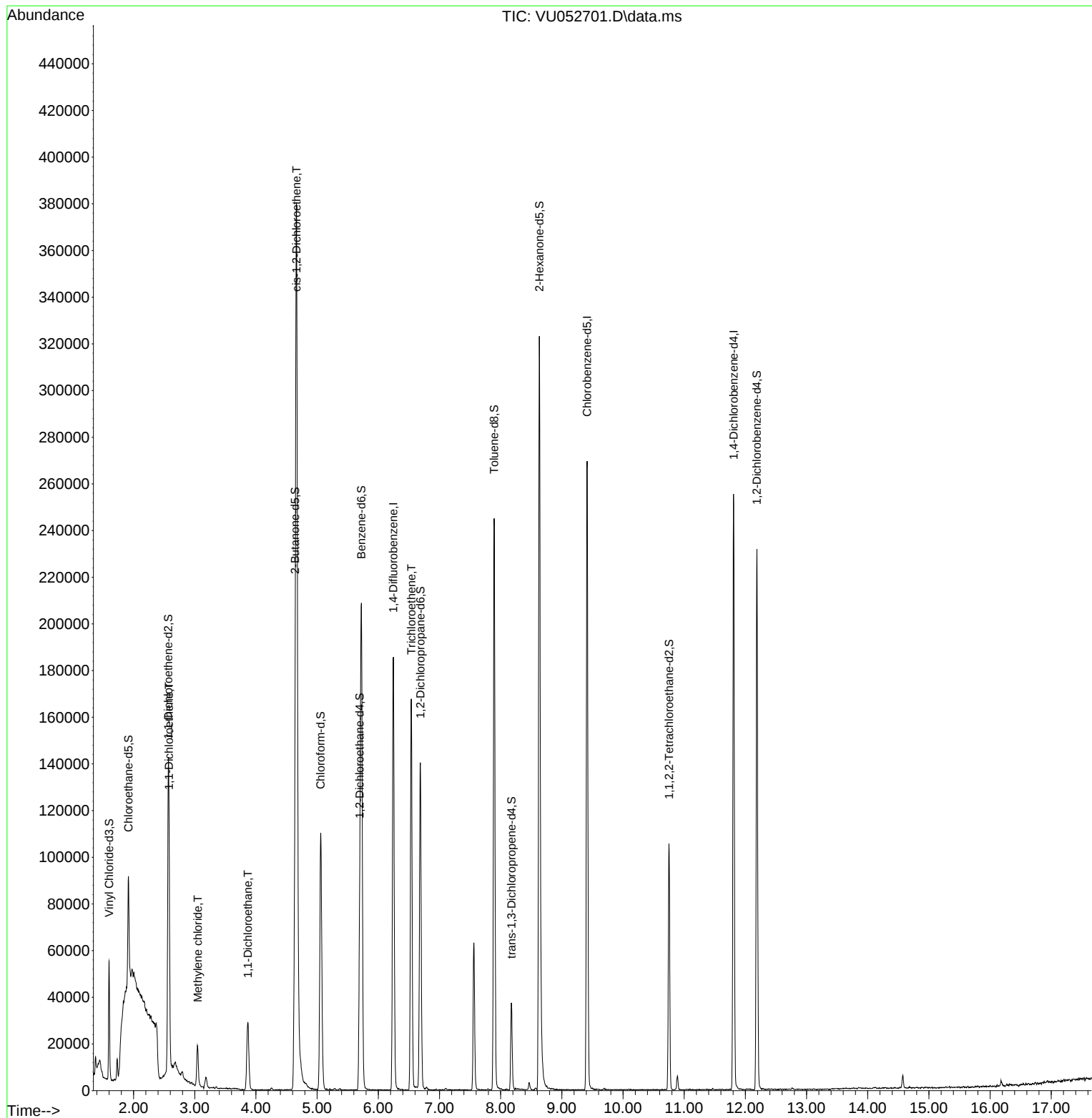
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	148162	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	149060	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	68514	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	37337	2.868	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.400%
7) Chloroethane-d5	1.916	69	36245	3.418	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.400%
11) 1,1-Dichloroethene-d2	2.565	65	20147	3.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	4.642	46	158942	45.668	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.340%
24) Chloroform-d	5.057	84	103927	4.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.697	65	55544	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.722	84	198282	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.687	67	68279	4.241	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.893	98	159163	3.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.176	79	21832	3.646	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.632	63	110466	44.416	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.840%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	52816	4.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	61257	4.911	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	20321	1.582	ug/L	# 78
16) Methylene chloride	3.047	84	8493	0.497	ug/L	87
19) 1,1-Dichloroethane	3.867	63	35598	1.309	ug/L	98
22) cis-1,2-Dichloroethene	4.661	96	170399	12.112	ug/L	97
34) Trichloroethene	6.539	95	57639	4.130	ug/L	96

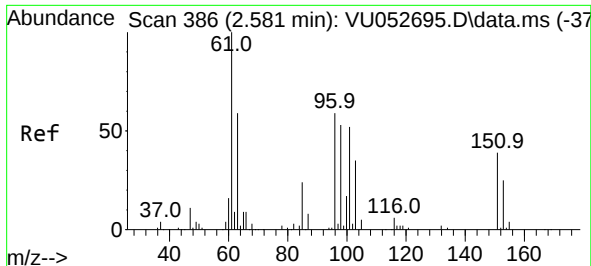
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.582 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.000 min

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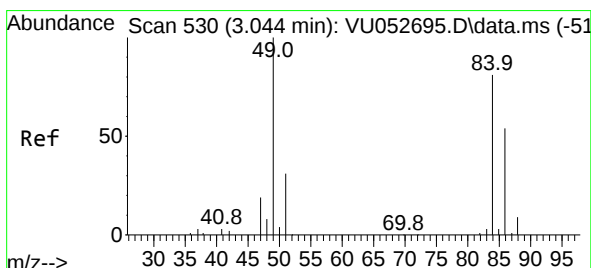
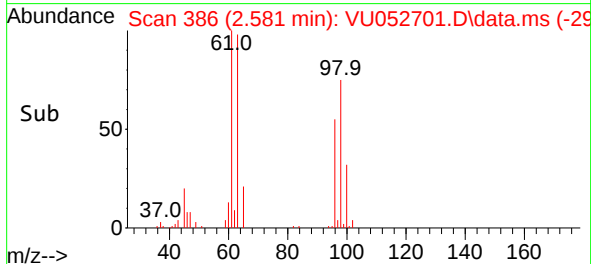
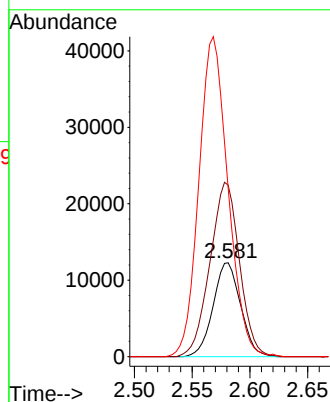
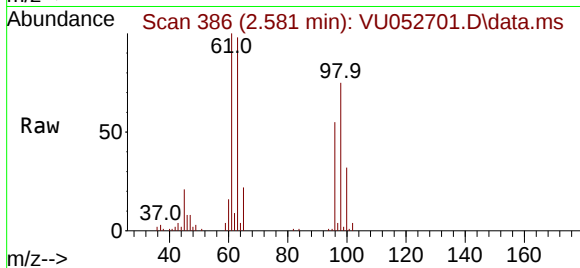
Tgt Ion: 96 Resp: 20321

Ion Ratio Lower Upper

96 100

61 182.7 129.6 240.8

63 179.2 83.7 155.5#



#16

Methylene chloride

Concen: 0.497 ug/L

RT: 3.047 min Scan# 531

Delta R.T. 0.003 min

Lab File: VU052701.D

Acq: 16 Jan 2023 14:17

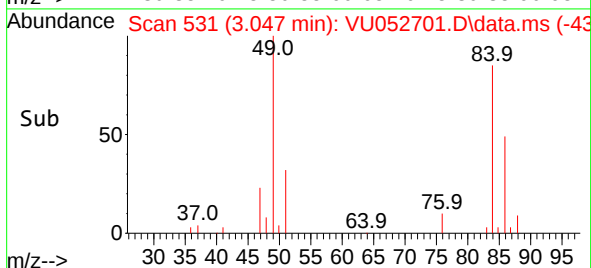
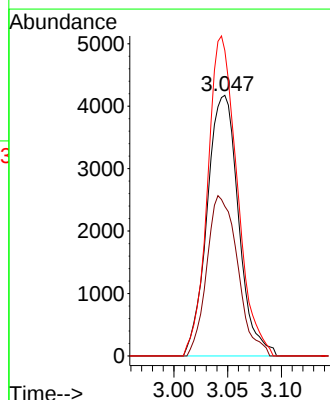
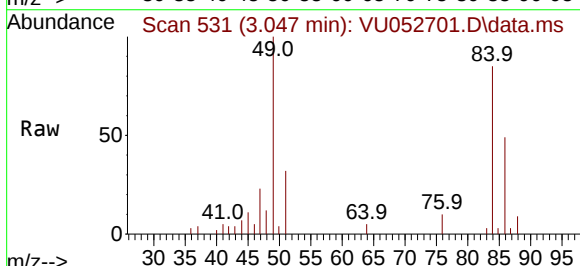
Tgt Ion: 84 Resp: 8493

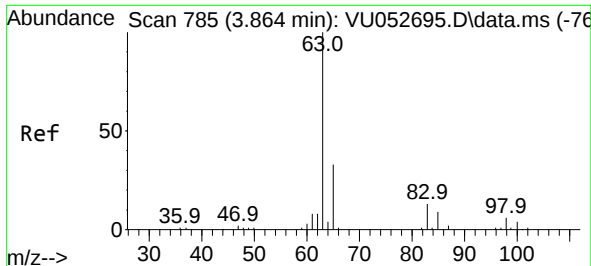
Ion Ratio Lower Upper

84 100

86 57.4 45.6 84.6

49 117.2 94.8 176.0





#19

1,1-Dichloroethane

Concen: 1.309 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU052701.D

Acq: 16 Jan 2023 14:17

Instrument :

MSVOA_U

ClientSampleId :

BH1Y6DL

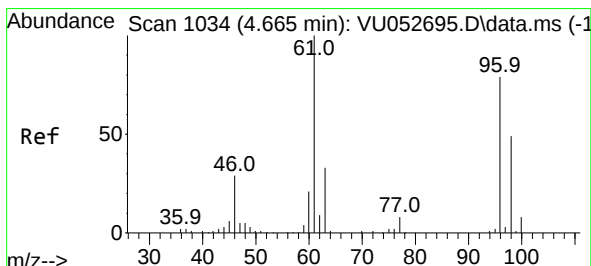
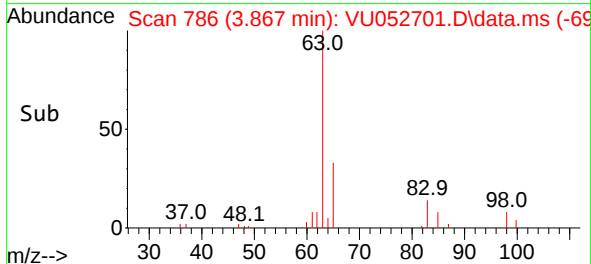
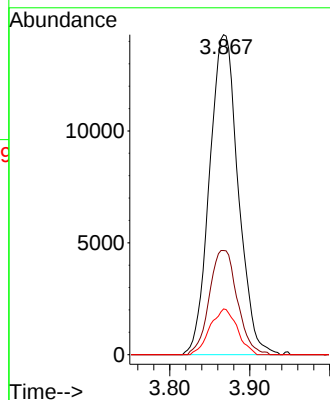
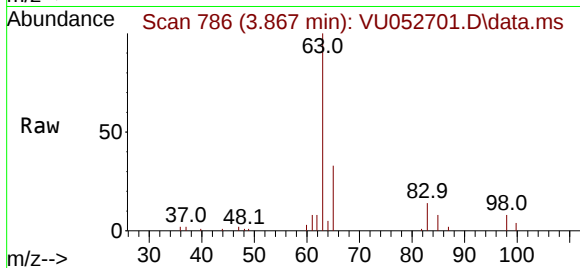
Tgt Ion: 63 Resp: 35598

Ion Ratio Lower Upper

63 100

65 32.5 22.0 41.0

83 14.3 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 12.112 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU052701.D

Acq: 16 Jan 2023 14:17

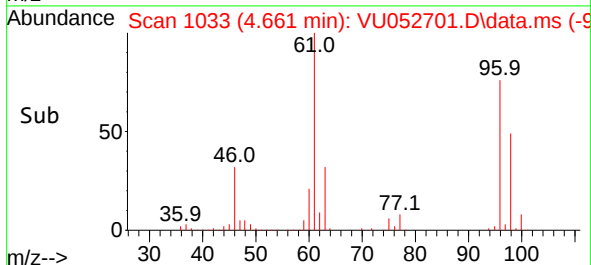
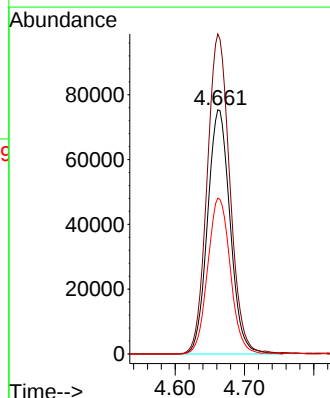
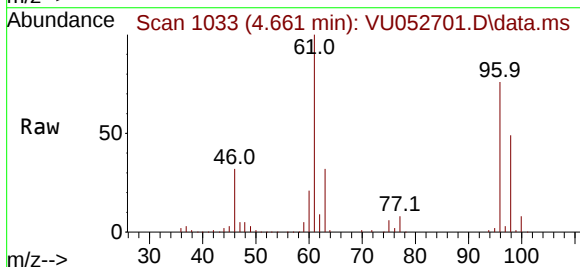
Tgt Ion: 96 Resp: 170399

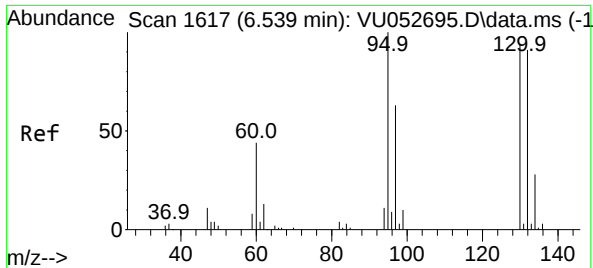
Ion Ratio Lower Upper

96 100

61 131.0 94.6 175.8

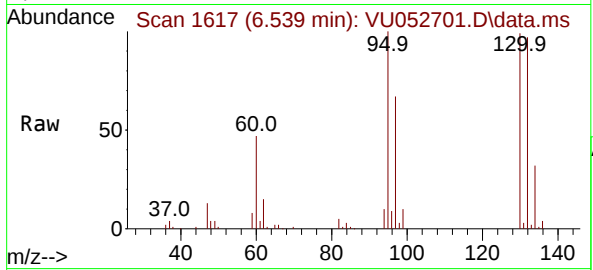
98 63.8 43.3 80.3





#34
 Trichloroethene
 Concen: 4.130 ug/L
 RT: 6.539 min Scan# 1
 Delta R.T. -0.000 min
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Tgt Ion: 95	Resp: 57639
Ion Ratio	Lower Upper
95 100	
97 66.6	46.0 85.4
132 97.1	64.0 118.8
130 98.8	66.6 123.8

