

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101222\
 Data File : VU051392.D
 Acq On : 12 Oct 2022 15:15
 Operator : JC/MD
 Sample : N4993-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGS15

Quant Time: Oct 13 01:40:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 13 01:37:29 2022
 Response via : Initial Calibration

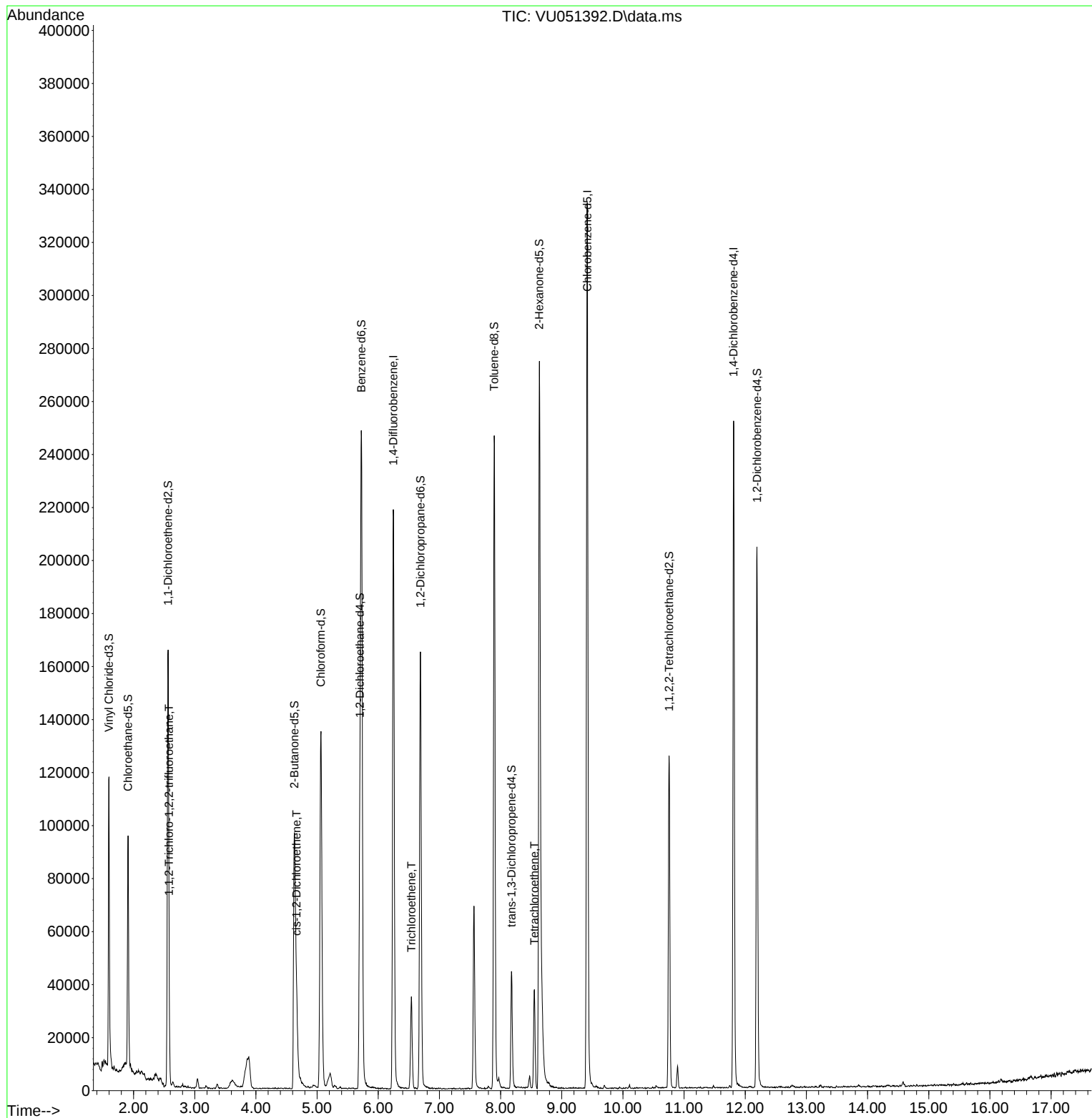
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	174197	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	194078	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	68328	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	86664	6.168	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	123.400%	
7) Chloroethane-d5	1.909	69	63331	5.246	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.000%	
11) 1,1-Dichloroethene-d2	2.565	65	30118	5.422	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	108.400%	
20) 2-Butanone-d5	4.629	46	148107	47.874	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.740%	
24) Chloroform-d	5.063	84	125870	4.805	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.700	65	68544	5.074	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.726	84	233806	4.379	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.690	67	82213	4.534	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.896	98	169668	3.552	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.000%	
43) trans-1,3-Dichloroprop...	8.179	79	25418	4.267	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.632	63	78613	39.155	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.300%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	67099	4.632	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	53348	4.492	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.800%	
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	5881	0.434	ug/L	88
22) cis-1,2-Dichloroethene	4.665	96	8137	0.550	ug/L	91
34) Trichloroethene	6.542	95	11895	0.736	ug/L	96
47) Tetrachloroethene	8.552	164	8091	0.681	ug/L	98

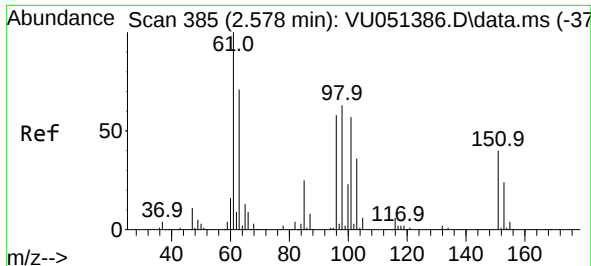
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.434 ug/L

RT: 2.581 min Scan# 385

Delta R.T. 0.003 min

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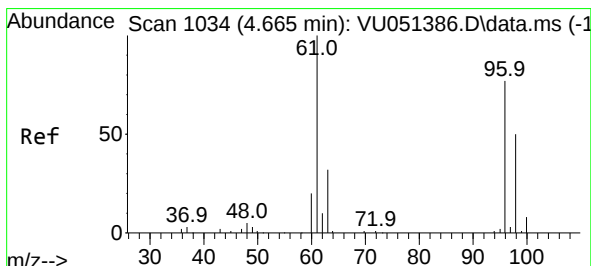
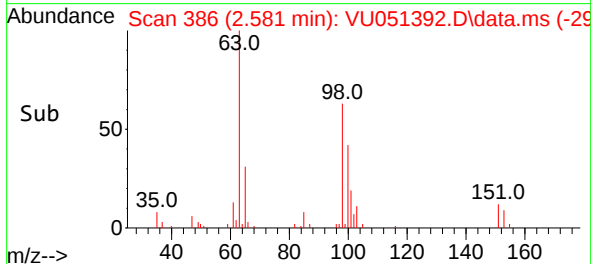
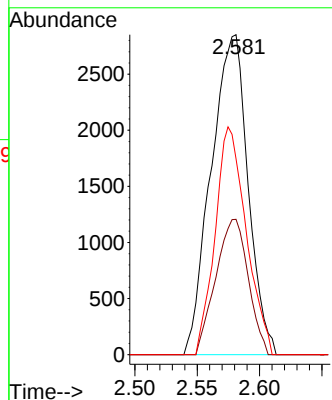
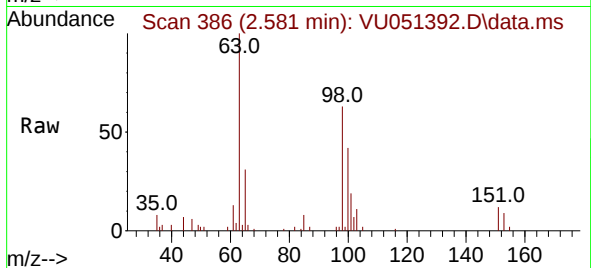
Tgt Ion:101 Resp: 5881

Ion Ratio Lower Upper

101 100

85 37.2 34.6 51.8

151 60.0 56.5 84.7



#22

cis-1,2-Dichloroethene

Concen: 0.550 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051392.D

Acq: 12 Oct 2022 15:15

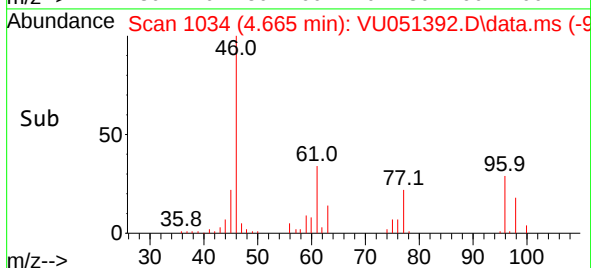
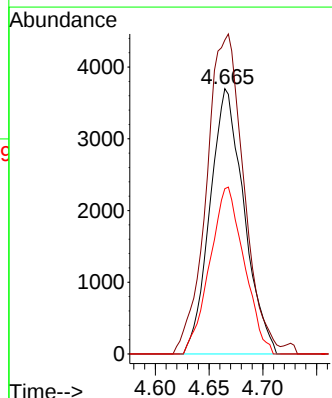
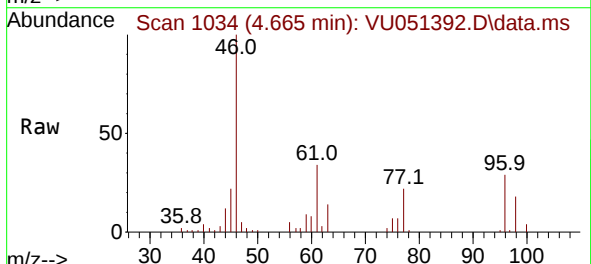
Tgt Ion: 96 Resp: 8137

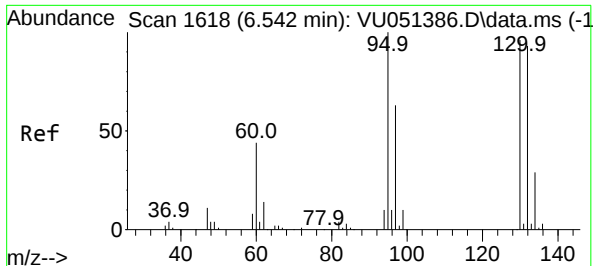
Ion Ratio Lower Upper

96 100

61 118.4 90.6 168.2

98 62.3 47.5 88.3





#34

Trichloroethene

Concen: 0.736 ug/L

RT: 6.542 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051392.D

Acq: 12 Oct 2022 15:15

Instrument :

MSVOA_U

ClientSampleId :

BGS15

Tgt Ion: 95 Resp: 11895

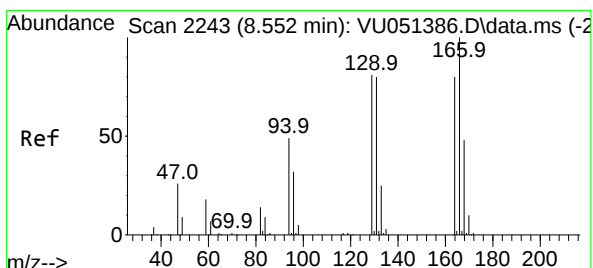
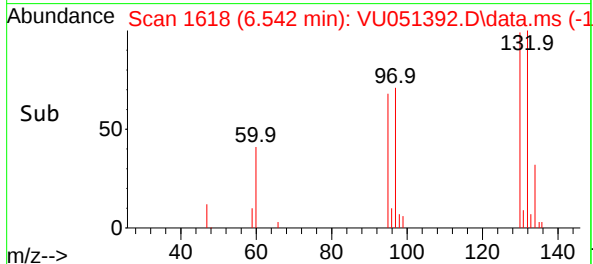
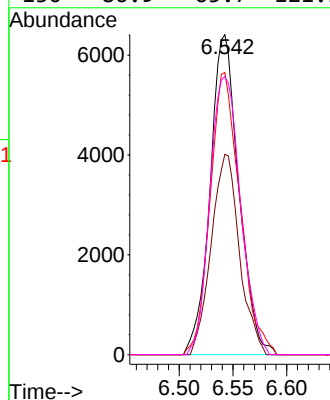
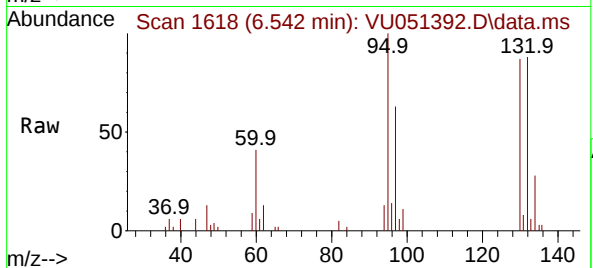
Ion Ratio Lower Upper

95 100

97 62.6 45.4 84.2

132 88.2 63.1 117.3

130 86.9 65.7 121.9



#47

Tetrachloroethene

Concen: 0.681 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051392.D

Acq: 12 Oct 2022 15:15

Tgt Ion:164 Resp: 8091

Ion Ratio Lower Upper

164 100

129 105.2 71.3 132.3

131 96.8 66.9 124.3

166 130.4 90.9 168.7

