

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052388.D
 Acq On : 13 Dec 2022 19:29
 Operator : JC/MD
 Sample : N6030-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL34

Quant Time: Dec 14 03:22:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 03:17:56 2022
 Response via : Initial Calibration

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

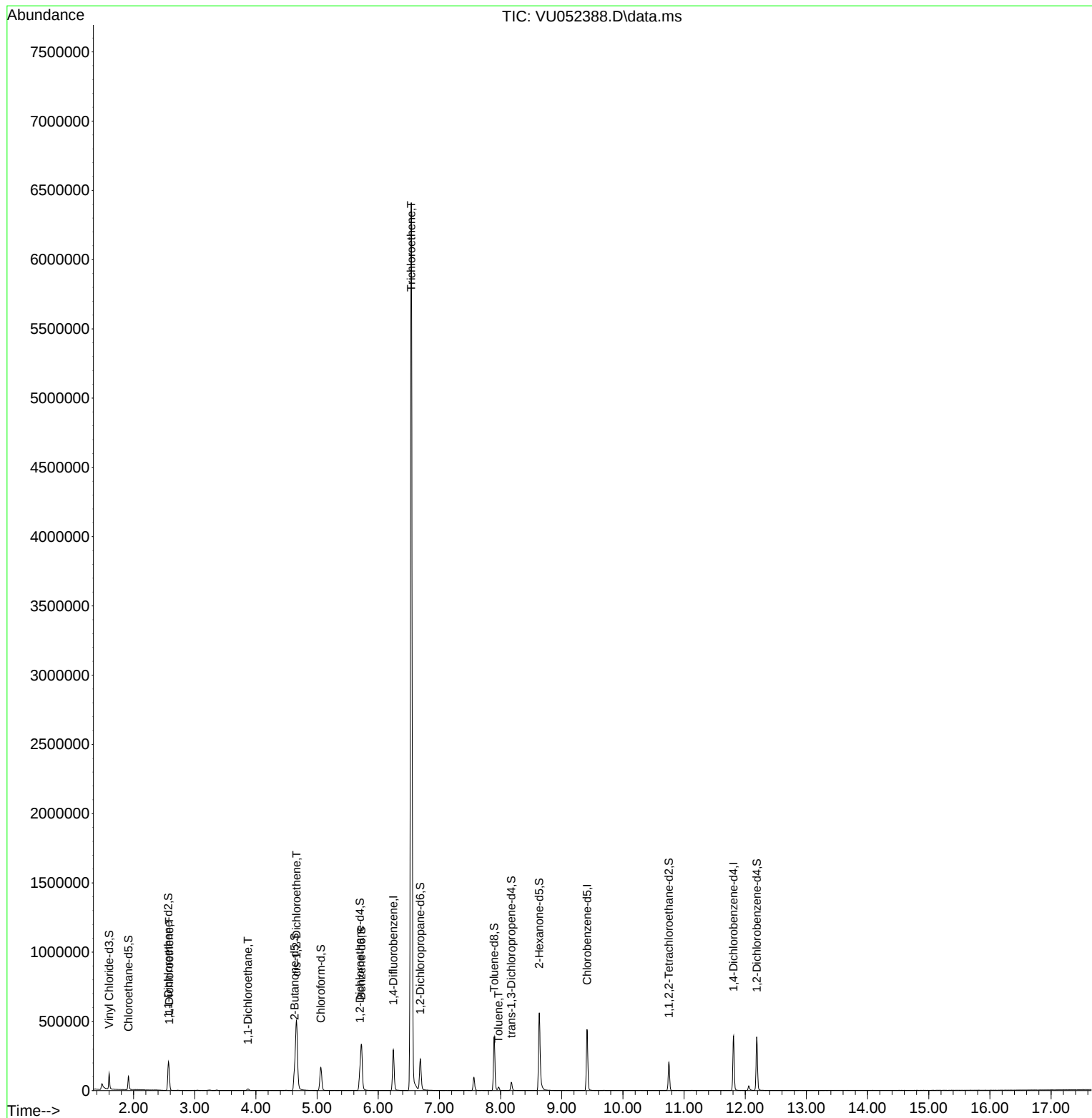
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	246824	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	257137	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	108377	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	78156	3.255	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.916	69	75112	4.028	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.568	65	33150	3.852	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.632	46	265846	61.088	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.180%
24) Chloroform-d	5.060	84	162242	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.700	65	86253	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.726	84	333664	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.687	67	115082	4.871	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.896	98	271254	3.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.176	79	35776	4.156	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.632	63	199273	54.618	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.240%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	103964	5.076	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	107035	5.158	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.581	96	23421	1.308	ug/L	# 43
19) 1,1-Dichloroethane	3.870	63	15313	0.443	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	245793	12.202	ug/L	98
34) Trichloroethene	6.539	95	2271950	108.848	ug/L	99
42) Toluene	7.967	91	17701	0.206	ug/L	97

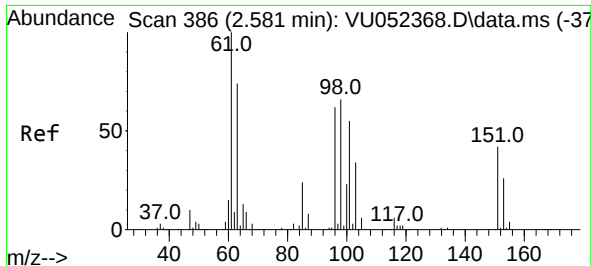
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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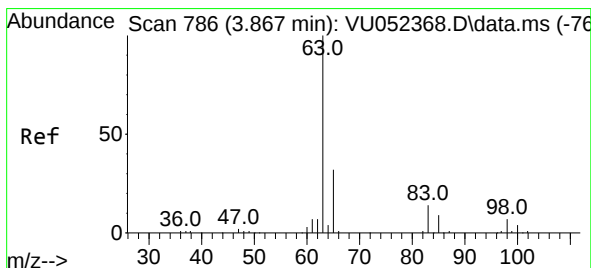
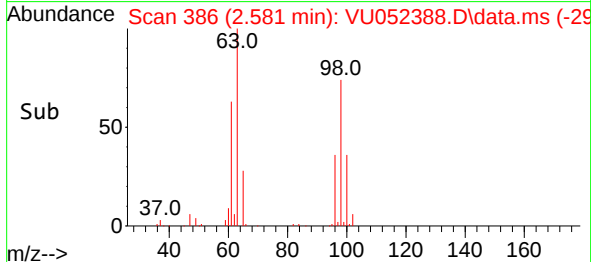
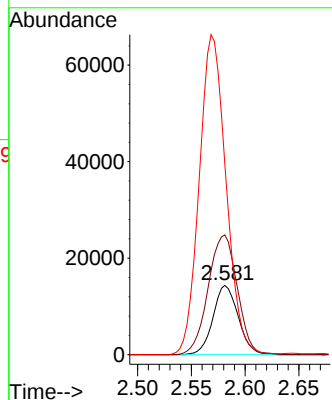
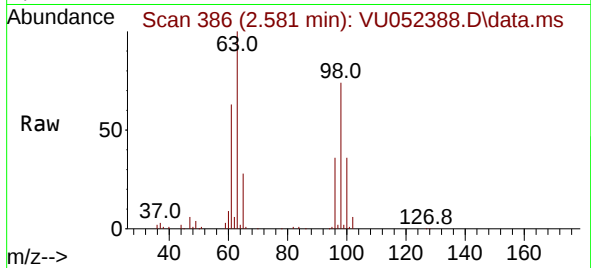




#12
1,1-Dichloroethene
Concen: 1.308 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU052388.D
Acq: 13 Dec 2022 19:29

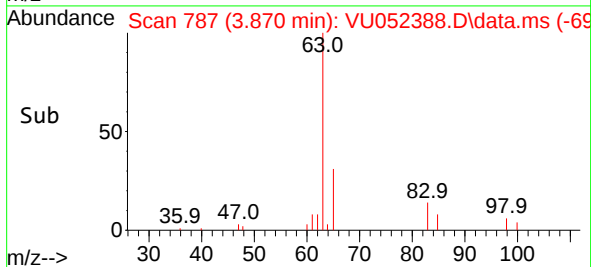
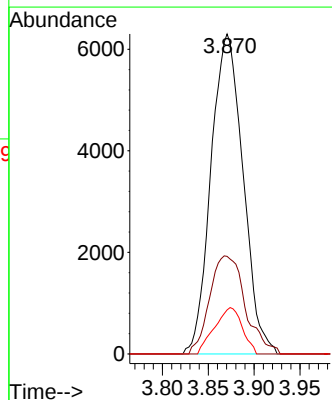
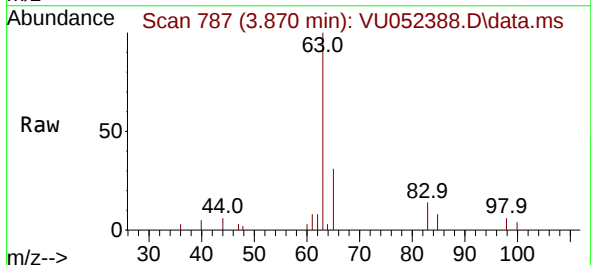
Instrument :
MSVOA_U
ClientSampleId :
COL34

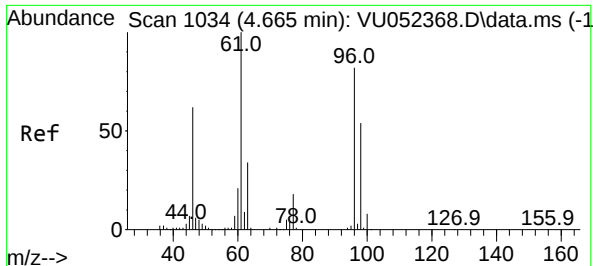
Tgt Ion: 96 Resp: 23421
Ion Ratio Lower Upper
96 100
61 172.8 114.8 213.2
63 274.8 93.7 174.1#



#19
1,1-Dichloroethane
Concen: 0.443 ug/L
RT: 3.870 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU052388.D
Acq: 13 Dec 2022 19:29

Tgt Ion: 63 Resp: 15313
Ion Ratio Lower Upper
63 100
65 30.5 22.2 41.2
83 13.8 9.2 17.0

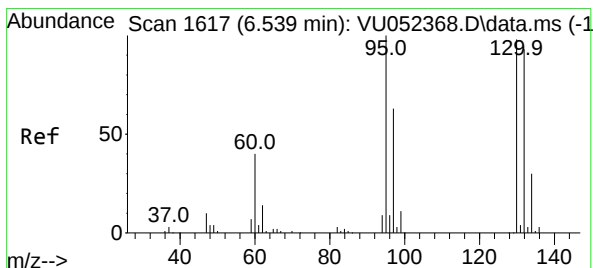
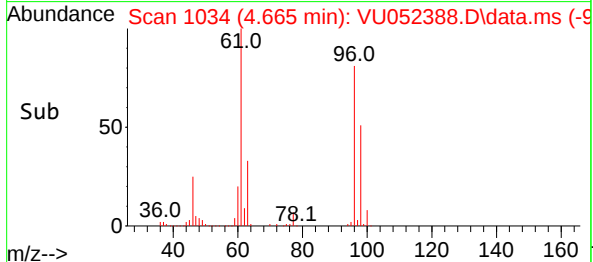
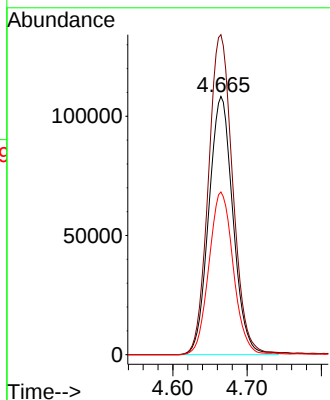
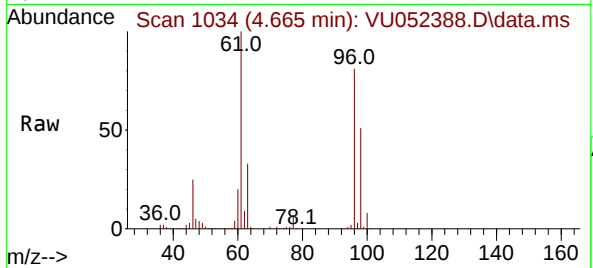




#22
 cis-1,2-Dichloroethene
 Concen: 12.202 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU052388.D
 Acq: 13 Dec 2022 19:29

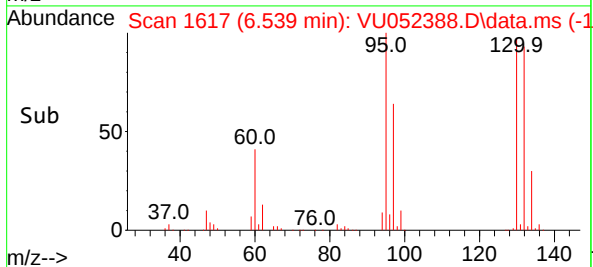
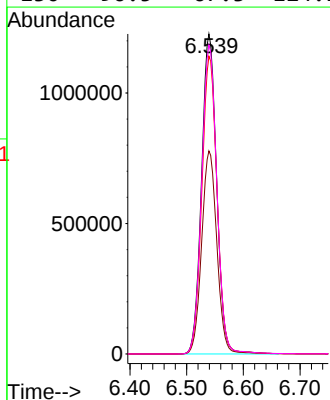
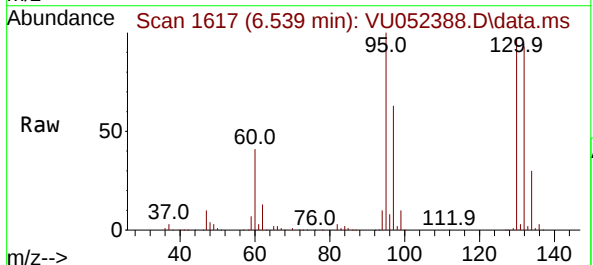
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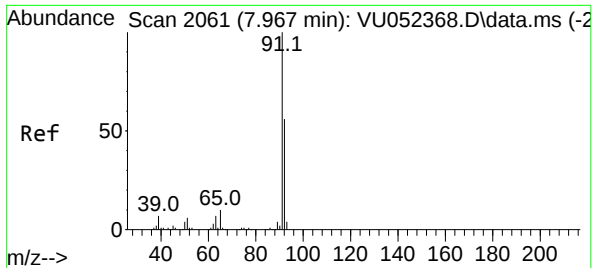
Tgt Ion: 96 Resp: 245793
 Ion Ratio Lower Upper
 96 100
 61 123.9 85.1 158.1
 98 63.0 42.8 79.6



#34
 Trichloroethene
 Concen: 108.848 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VU052388.D
 Acq: 13 Dec 2022 19:29

Tgt Ion: 95 Resp: 2271950
 Ion Ratio Lower Upper
 95 100
 97 63.5 43.7 81.1
 132 93.0 64.3 119.3
 130 96.5 67.3 124.9





#42
Toluene
Concen: 0.206 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU052388.D
Acq: 13 Dec 2022 19:29

Instrument :
MSVOA_U
ClientSampleId :
COL34

Tgt Ion: 91 Resp: 17701
Ion Ratio Lower Upper
91 100
92 56.2 40.7 75.5

