

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052386.D
 Acq On : 13 Dec 2022 18:42
 Operator : JC/MD
 Sample : N6030-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL32

Quant Time: Dec 14 03:22:04 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)

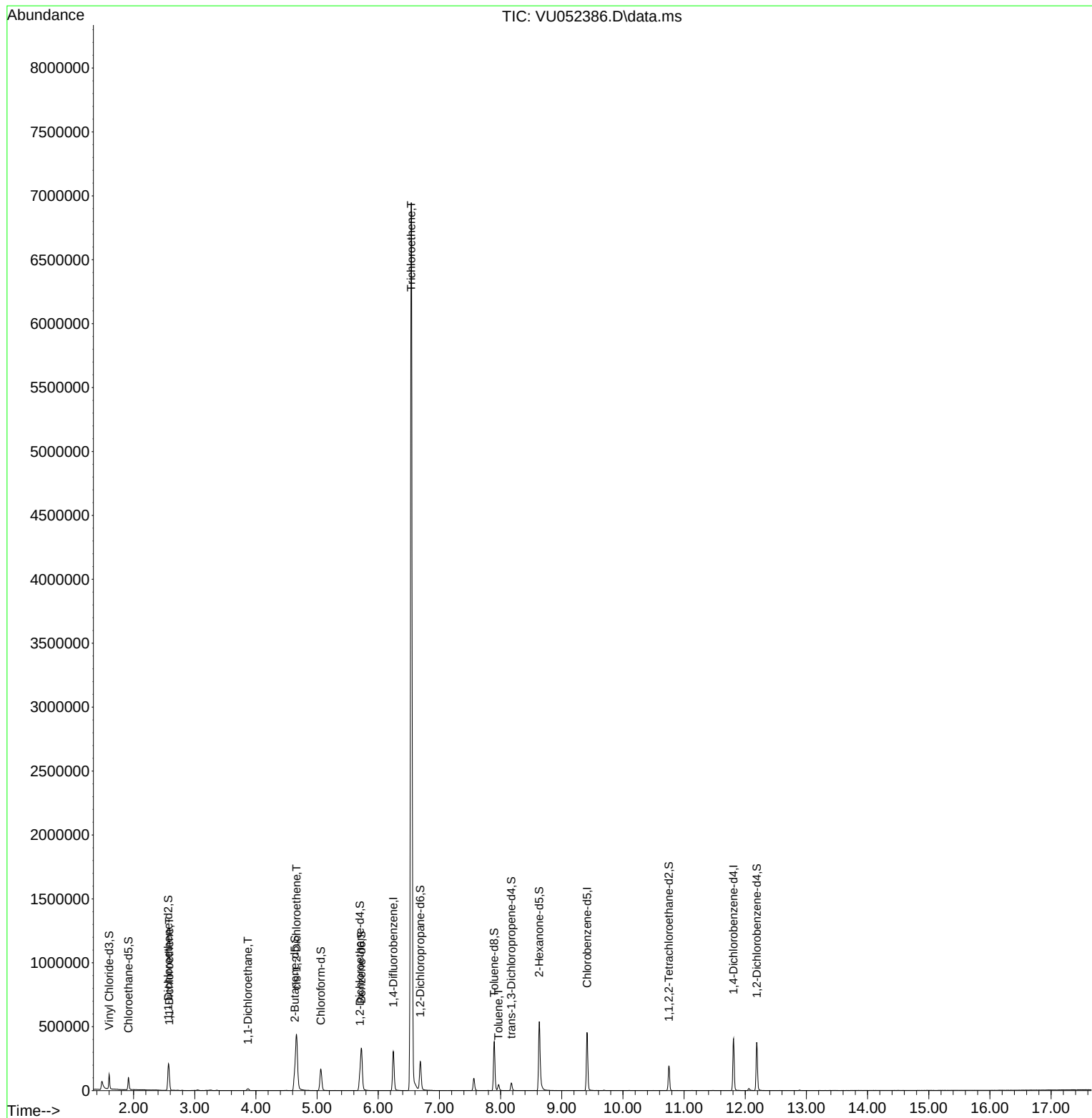
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	253512	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	266305	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113531	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	77661	3.149	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.915	69	74034	3.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.568	65	32842	3.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.636	46	255385	57.136	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.280%
24) Chloroform-d	5.060	84	163276	4.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.700	65	86377	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.726	84	327755	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.687	67	113877	4.654	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.896	98	268228	3.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	8.176	79	35650	3.998	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.632	63	186908	49.465	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.940%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	100047	4.716	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	104181	4.793	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.581	96	24750	1.346	ug/L	# 49
19) 1,1-Dichloroethane	3.870	63	18363	0.517	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	204738	9.896	ug/L	98
34) Trichloroethene	6.539	95	2456241	113.626	ug/L	99
42) Toluene	7.967	91	34809	0.390	ug/L	99

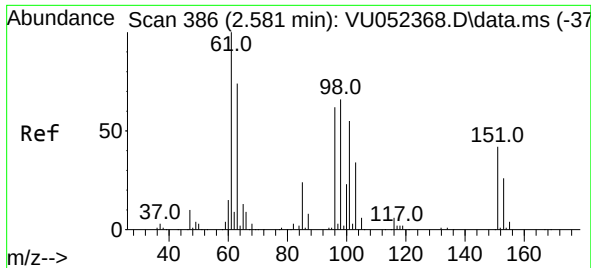
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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C0L32

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Quant Title : TRACE VOA SFAM1.0
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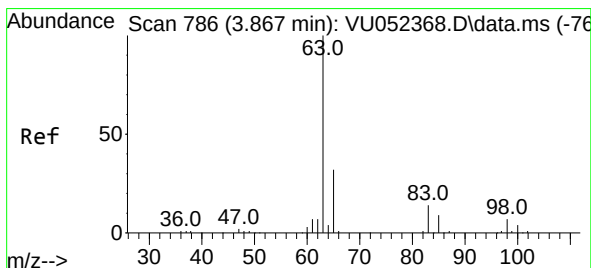
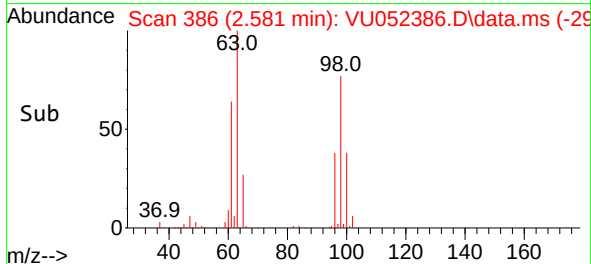
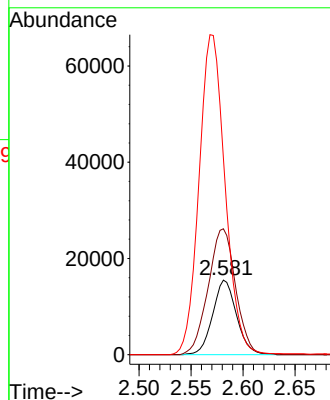
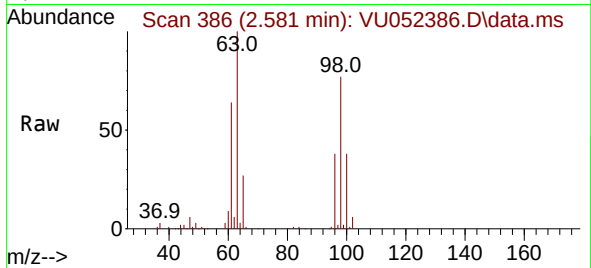




#12
1,1-Dichloroethene
Concen: 1.346 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052386.D
Acq: 13 Dec 2022 18:42

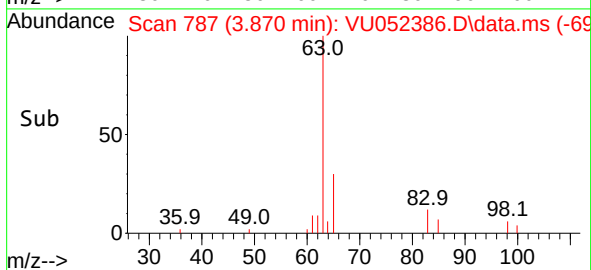
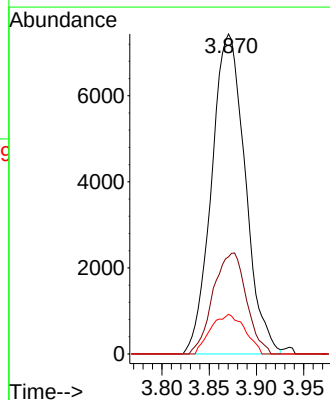
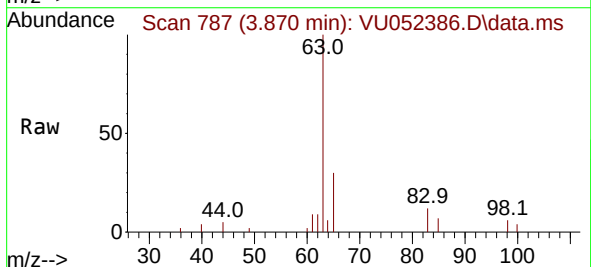
Instrument :
MSVOA_U
ClientSampleId :
COL32

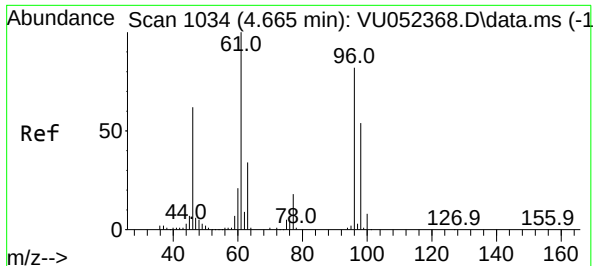
Tgt Ion: 96 Resp: 24750
Ion Ratio Lower Upper
96 100
61 168.9 114.8 213.2
63 263.8 93.7 174.1#



#19
1,1-Dichloroethane
Concen: 0.517 ug/L
RT: 3.870 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU052386.D
Acq: 13 Dec 2022 18:42

Tgt Ion: 63 Resp: 18363
Ion Ratio Lower Upper
63 100
65 30.3 22.2 41.2
83 12.4 9.2 17.0

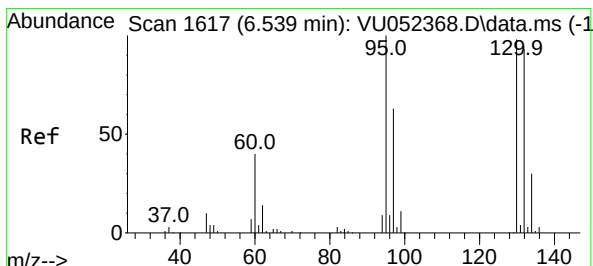
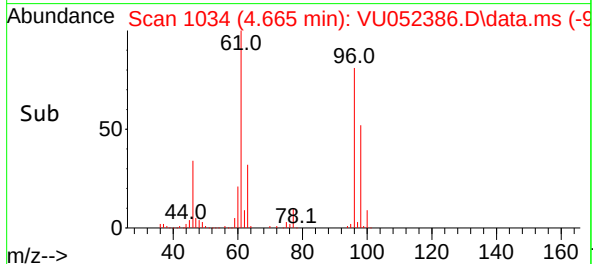
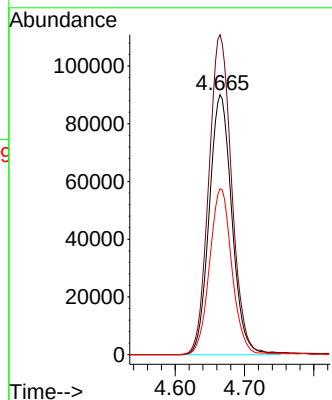
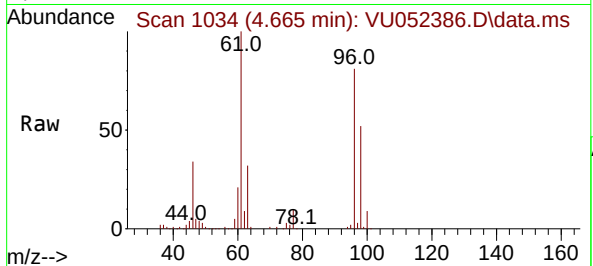




#22
 cis-1,2-Dichloroethene
 Concen: 9.896 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU052386.D
 Acq: 13 Dec 2022 18:42

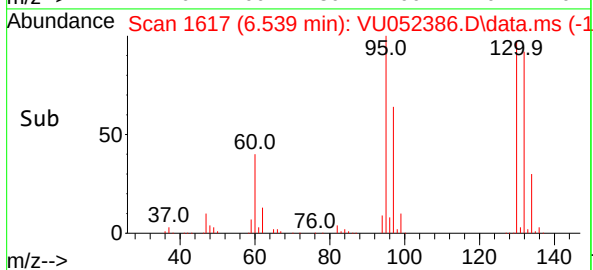
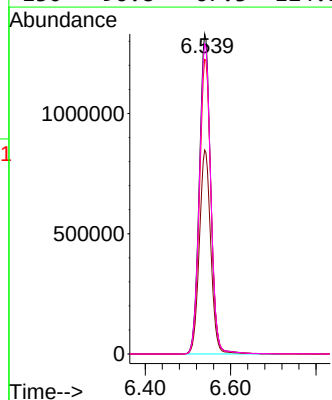
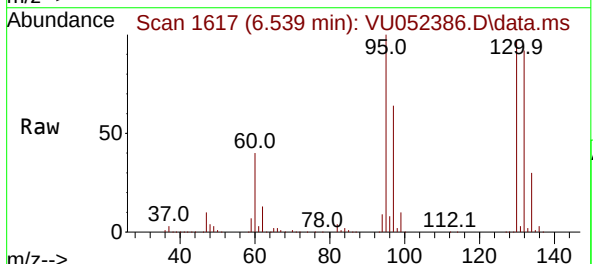
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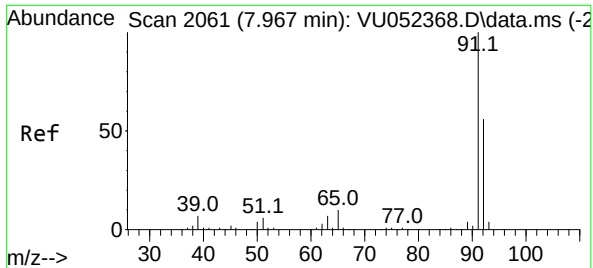
Tgt Ion: 96 Resp: 204738
 Ion Ratio Lower Upper
 96 100
 61 123.0 85.1 158.1
 98 63.8 42.8 79.6



#34
 Trichloroethene
 Concen: 113.626 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: VU052386.D
 Acq: 13 Dec 2022 18:42

Tgt Ion: 95 Resp: 2456241
 Ion Ratio Lower Upper
 95 100
 97 63.7 43.7 81.1
 132 92.1 64.3 119.3
 130 96.8 67.3 124.9





#42
Toluene
Concen: 0.390 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052386.D
Acq: 13 Dec 2022 18:42

Instrument :
MSVOA_U
ClientSampleId :
COL32

Tgt Ion: 91 Resp: 34809
Ion Ratio Lower Upper
91 100
92 57.4 40.7 75.5

