

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052389.D
 Acq On : 13 Dec 2022 19:52
 Operator : JC/MD
 Sample : N6030-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL31

Quant Time: Dec 14 03:22:42 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)

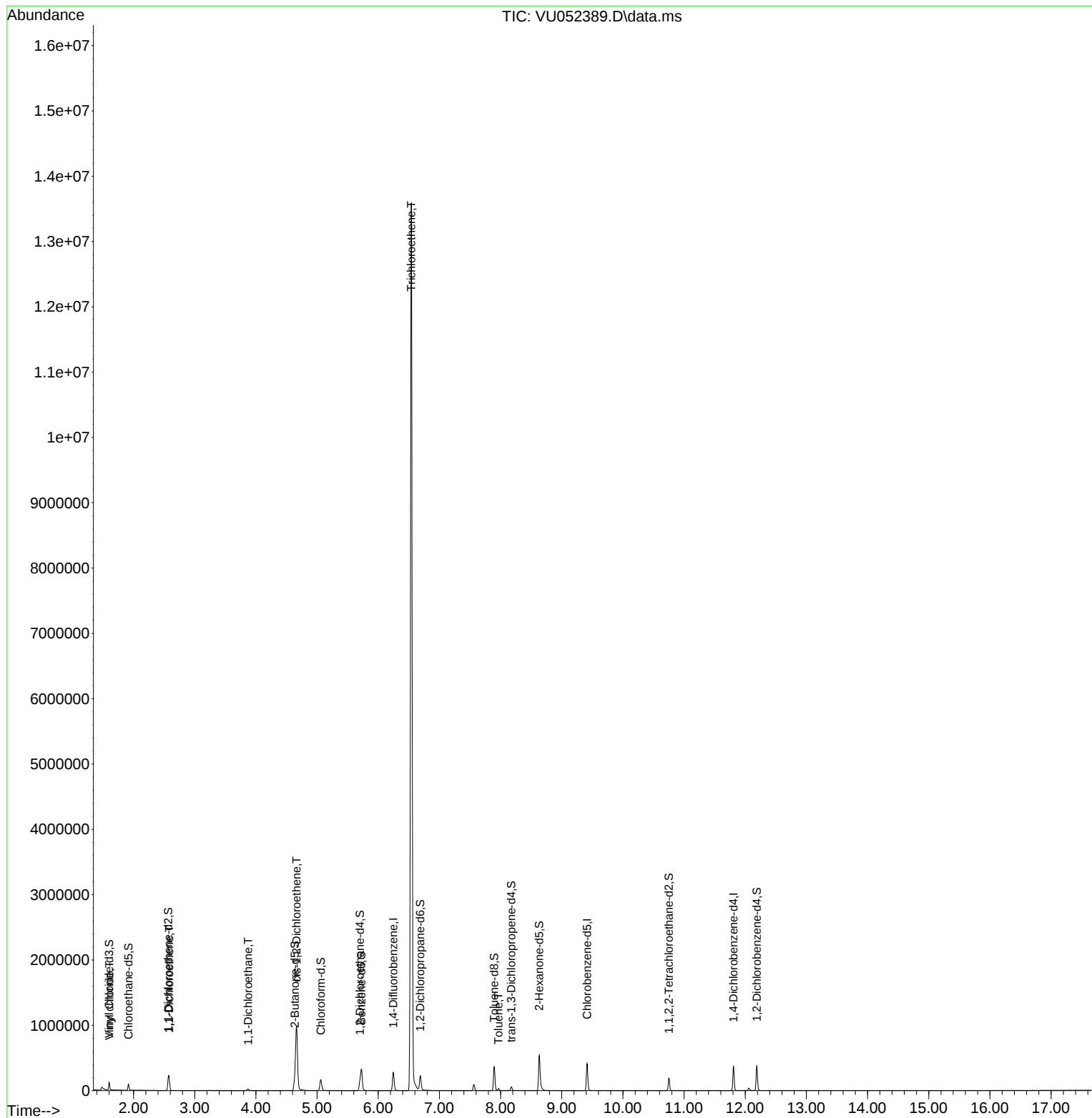
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	230954	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	238375	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	102677	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	74319	3.308	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.916	69	71080	4.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.568	65	31229	3.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.636	46	258892	63.578	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.160%
24) Chloroform-d	5.060	84	159517	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.700	65	86423	5.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.726	84	322875	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.687	67	111230	5.079	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.896	98	261148	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.176	79	34393	4.309	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.632	63	188167	55.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.260%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	100432	5.289	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	102273	5.203	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	13407	0.534	ug/L #	40
12) 1,1-Dichloroethene	2.581	96	40721	2.431	ug/L #	72
19) 1,1-Dichloroethane	3.874	63	27290	0.843	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	511462	27.136	ug/L	98
34) Trichloroethene	6.539	95	4852397	250.774	ug/L	99
42) Toluene	7.967	91	23343	0.293	ug/L	93

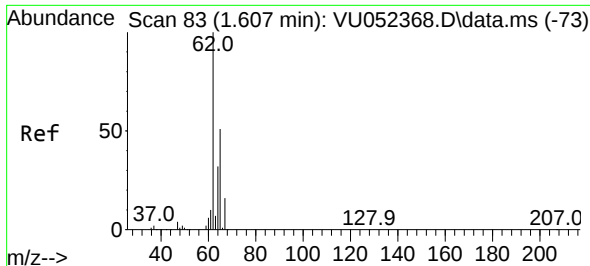
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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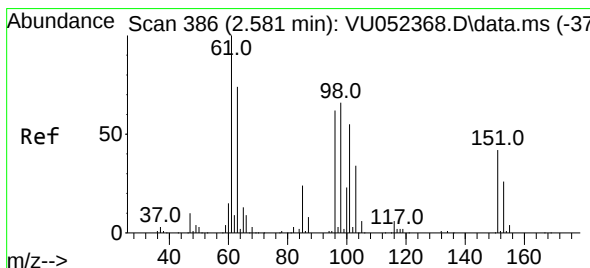
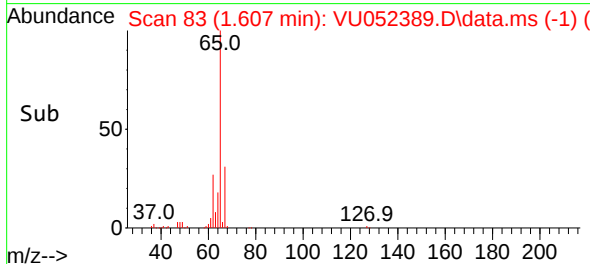
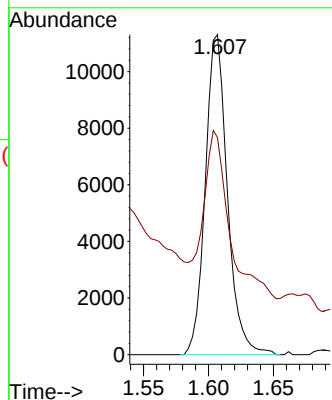
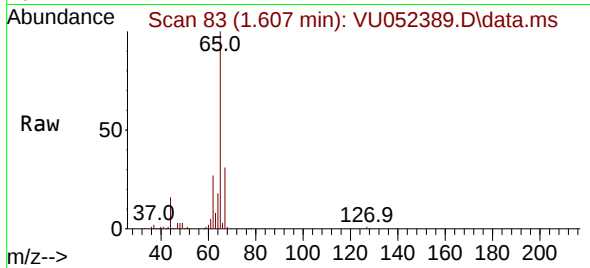




#5
 Vinyl chloride
 Concen: 0.534 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052389.D
 Acq: 13 Dec 2022 19:52

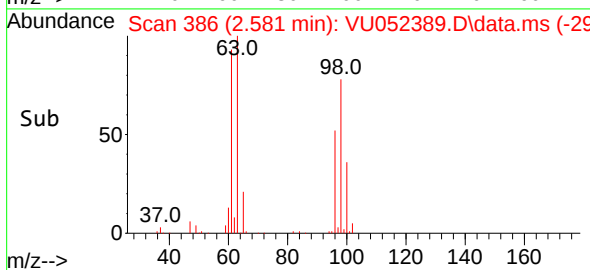
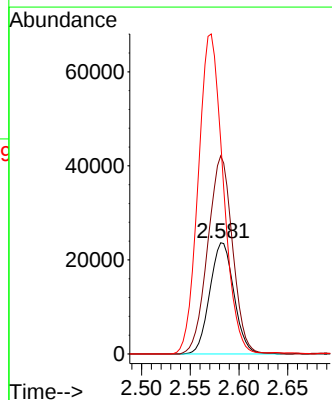
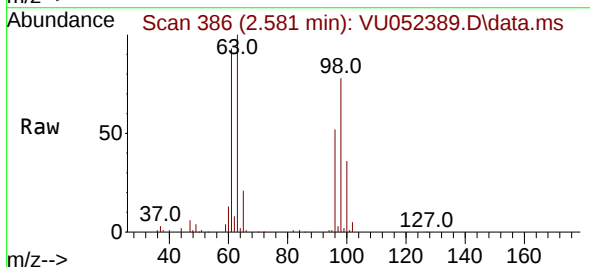
Instrument :
 MSVOA_U
 ClientSampleId :
 COL31

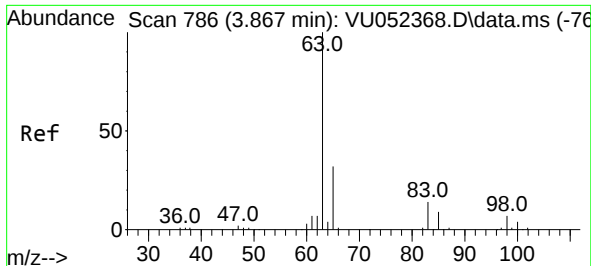
Tgt Ion: 62 Resp: 13407
 Ion Ratio Lower Upper
 62 100
 64 67.8 23.5 43.7#



#12
 1,1-Dichloroethene
 Concen: 2.431 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052389.D
 Acq: 13 Dec 2022 19:52

Tgt Ion: 96 Resp: 40721
 Ion Ratio Lower Upper
 96 100
 61 178.3 114.8 213.2
 63 192.2 93.7 174.1#





#19

1,1-Dichloroethane

Concen: 0.843 ug/L

RT: 3.874 min Scan# 786

Delta R.T. 0.006 min

Lab File: VU052389.D

Acq: 13 Dec 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

COL31

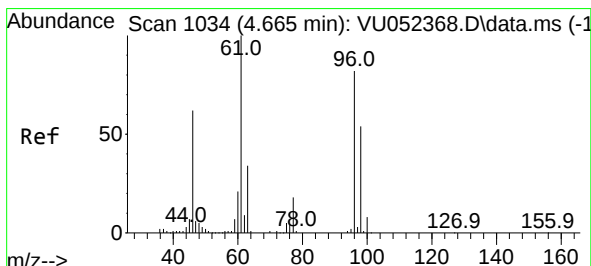
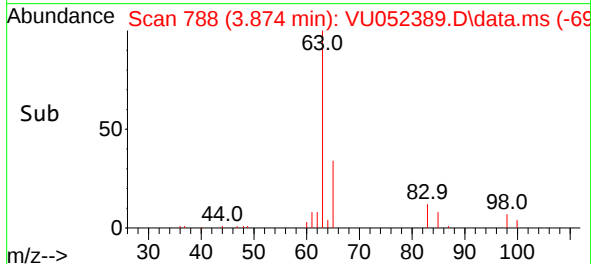
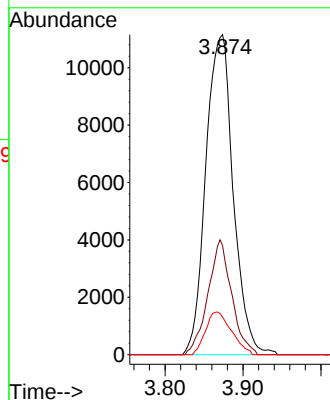
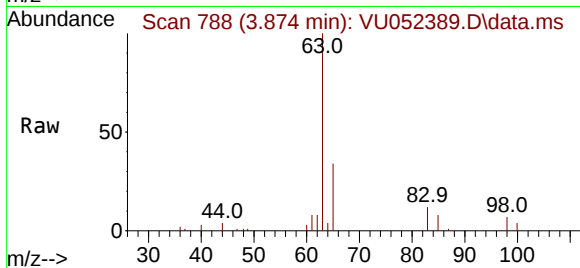
Tgt Ion: 63 Resp: 27290

Ion Ratio Lower Upper

63 100

65 34.1 22.2 41.2

83 11.7 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 27.136 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU052389.D

Acq: 13 Dec 2022 19:52

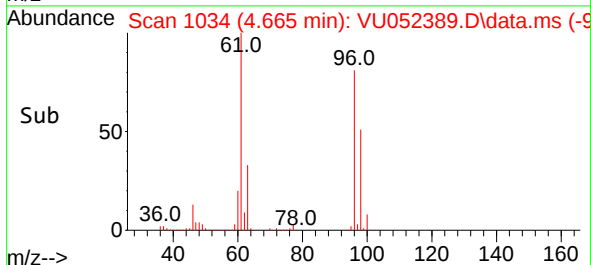
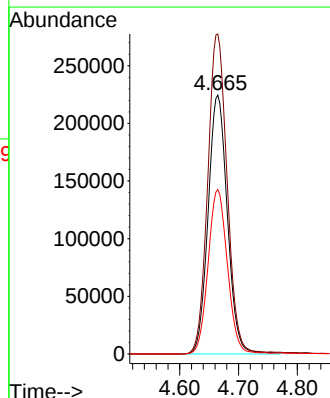
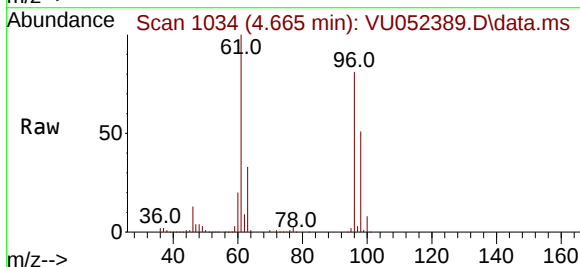
Tgt Ion: 96 Resp: 511462

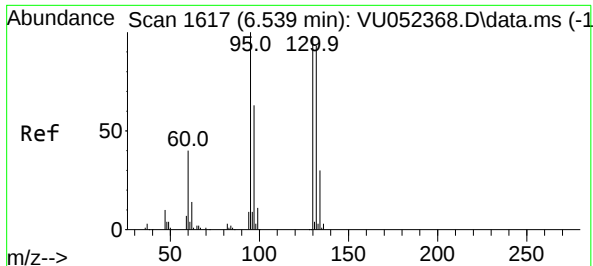
Ion Ratio Lower Upper

96 100

61 123.6 85.1 158.1

98 63.5 42.8 79.6





#34

Trichloroethene

Concen: 250.774 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052389.D

Acq: 13 Dec 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

COL31

Tgt Ion: 95 Resp: 4852397

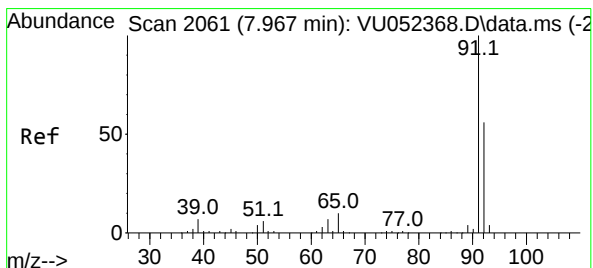
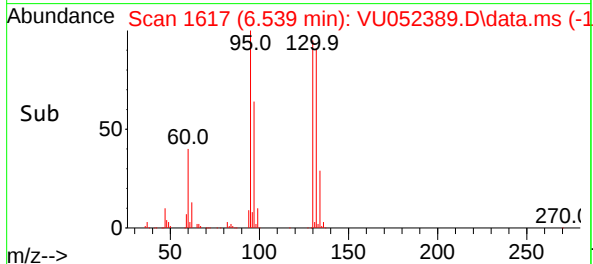
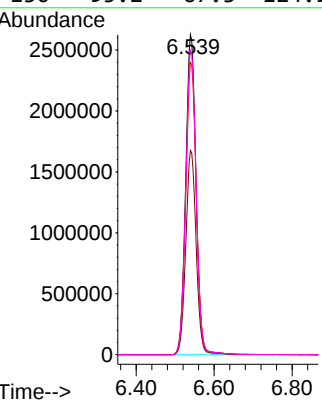
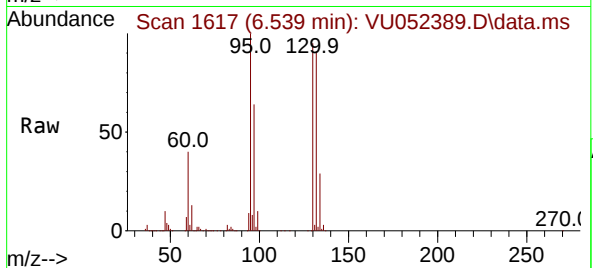
Ion Ratio Lower Upper

95 100

97 63.8 43.7 81.1

132 91.3 64.3 119.3

130 95.2 67.3 124.9



#42

Toluene

Concen: 0.293 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052389.D

Acq: 13 Dec 2022 19:52

Tgt Ion: 91 Resp: 23343

Ion Ratio Lower Upper

91 100

92 52.8 40.7 75.5

