

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061223\
 Data File : VU054494.D
 Acq On : 12 Jun 2023 18:24
 Operator : MD/SY
 Sample : 03104-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONL6

Quant Time: Jun 13 02:31:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 13 02:28:29 2023
 Response via : Initial Calibration

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

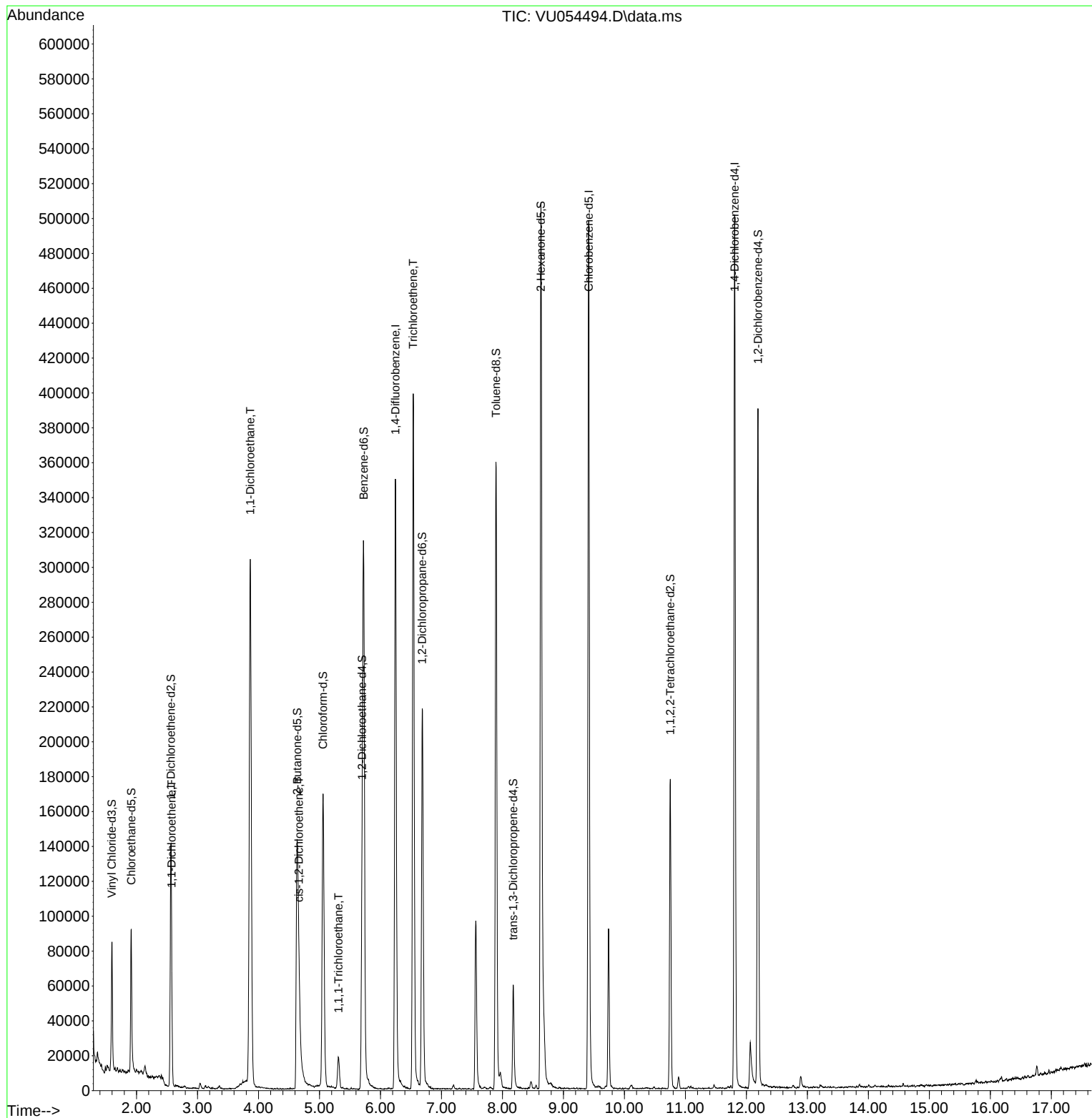
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	286237	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	279476	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	135756	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53806	2.954	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.000%
7) Chloroethane-d5	1.914	69	62864	3.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.563	65	26377	3.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	4.634	46	279369	54.546	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.100%
24) Chloroform-d	5.058	84	160324	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.698	65	83875	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.724	84	295713	3.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	6.685	67	111896	4.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.894	98	248662	3.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	8.177	79	35667	3.953	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.630	63	175176	46.279	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.560%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93153	4.815	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	104707	4.573	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	4902	0.236	ug/L	# 1
19) 1,1-Dichloroethane	3.865	63	359481	8.104	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	6381	0.261	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	13286	0.351	ug/L	99
34) Trichloroethene	6.537	95	143956	5.420	ug/L	96

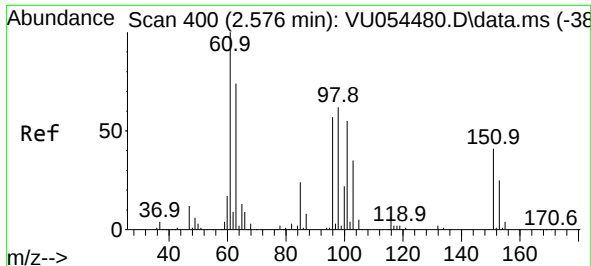
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.236 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU054494.D

Acq: 12 Jun 2023 18:24

Instrument :

MSVOA_U

ClientSampleId :

CONL6

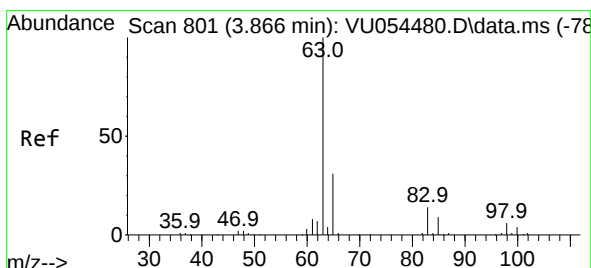
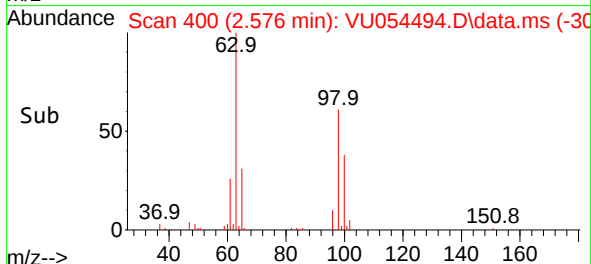
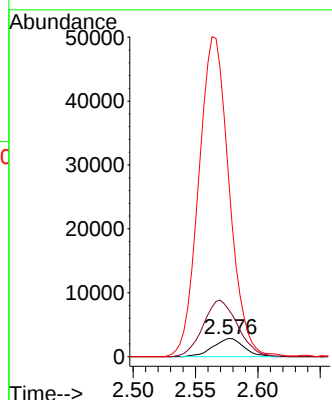
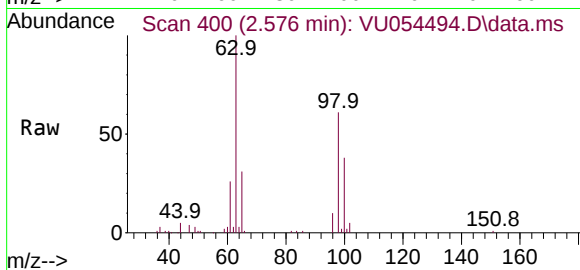
Tgt Ion: 96 Resp: 4902

Ion Ratio Lower Upper

96 100

61 264.3 119.9 222.7#

63 1033.1 64.3 119.3#



#19

1,1-Dichloroethane

Concen: 8.104 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU054494.D

Acq: 12 Jun 2023 18:24

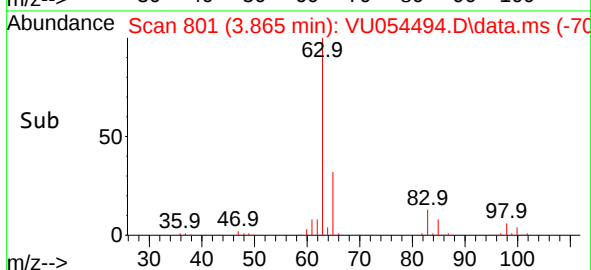
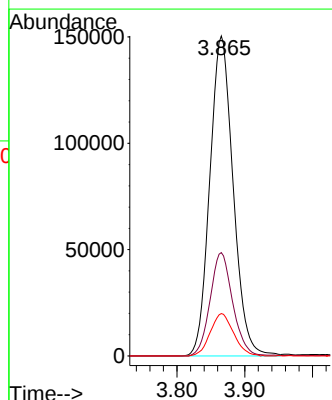
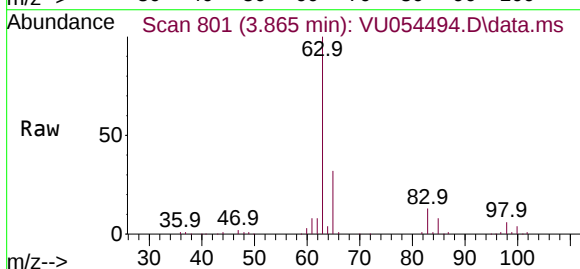
Tgt Ion: 63 Resp: 359481

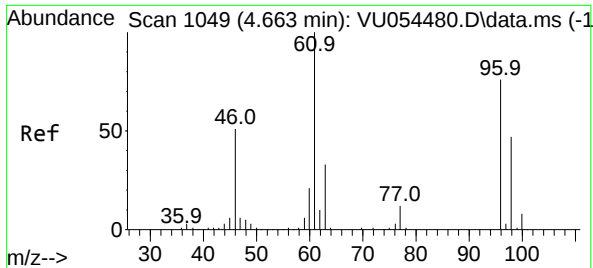
Ion Ratio Lower Upper

63 100

65 32.3 22.2 41.2

83 13.3 9.0 16.6

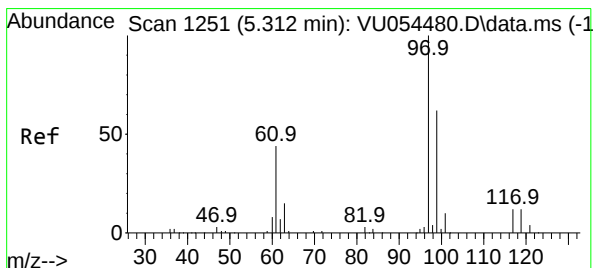
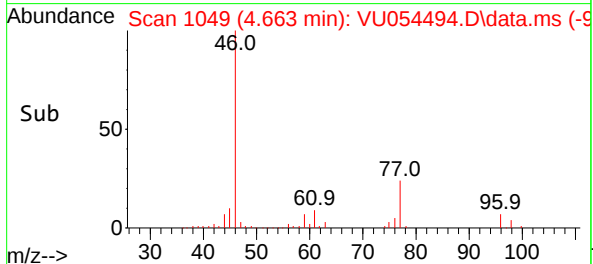
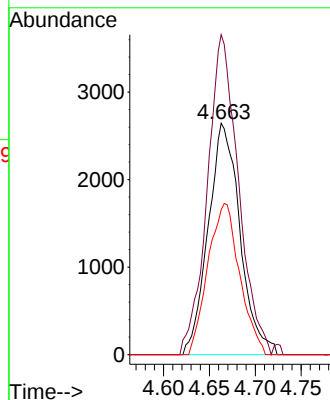
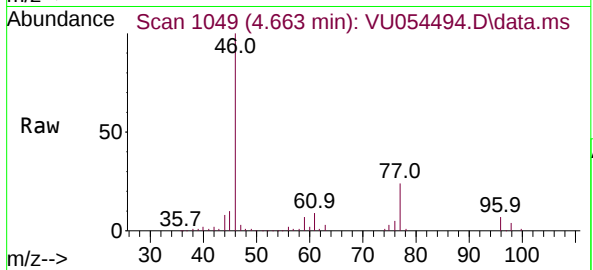




#22
 cis-1,2-Dichloroethene
 Concen: 0.261 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054494.D
 Acq: 12 Jun 2023 18:24

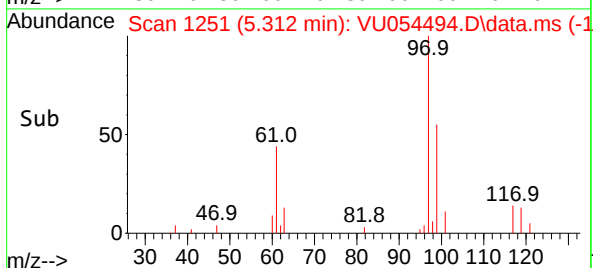
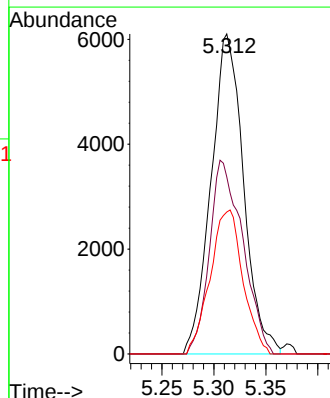
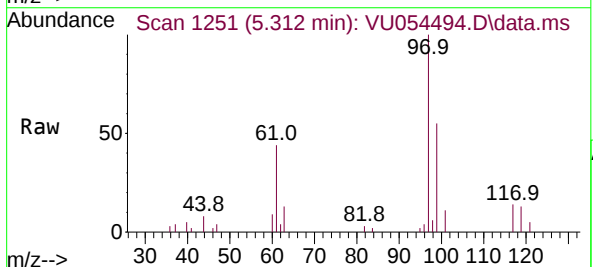
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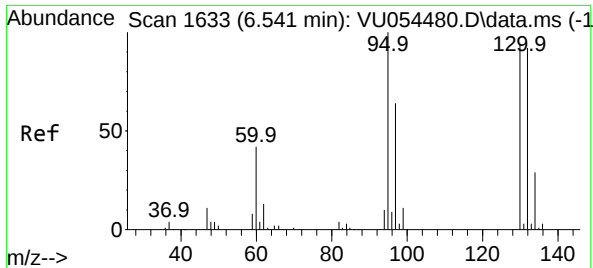
Tgt Ion: 96 Resp: 6381
 Ion Ratio Lower Upper
 96 100
 61 138.3 96.5 179.1
 98 62.6 44.9 83.3



#29
 1,1,1-Trichloroethane
 Concen: 0.351 ug/L
 RT: 5.312 min Scan# 1251
 Delta R.T. -0.000 min
 Lab File: VU054494.D
 Acq: 12 Jun 2023 18:24

Tgt Ion: 97 Resp: 13286
 Ion Ratio Lower Upper
 97 100
 99 61.7 50.8 76.2
 61 45.2 36.1 54.1





#34
 Trichloroethene
 Concen: 5.420 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU054494.D
 Acq: 12 Jun 2023 18:24

Instrument :
 MSVOA_U
 ClientSampleId :
 CONL6

Tgt Ion: 95 Resp: 143956

Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.8	87.0
132	94.7	68.4	127.0
130	94.1	68.7	127.5

