

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053261.D
 Acq On : 17 Mar 2023 12:52
 Operator : JC/MD
 Sample : 01929-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF1

Quant Time: Mar 18 01:51:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 01:49:30 2023
 Response via : Initial Calibration

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

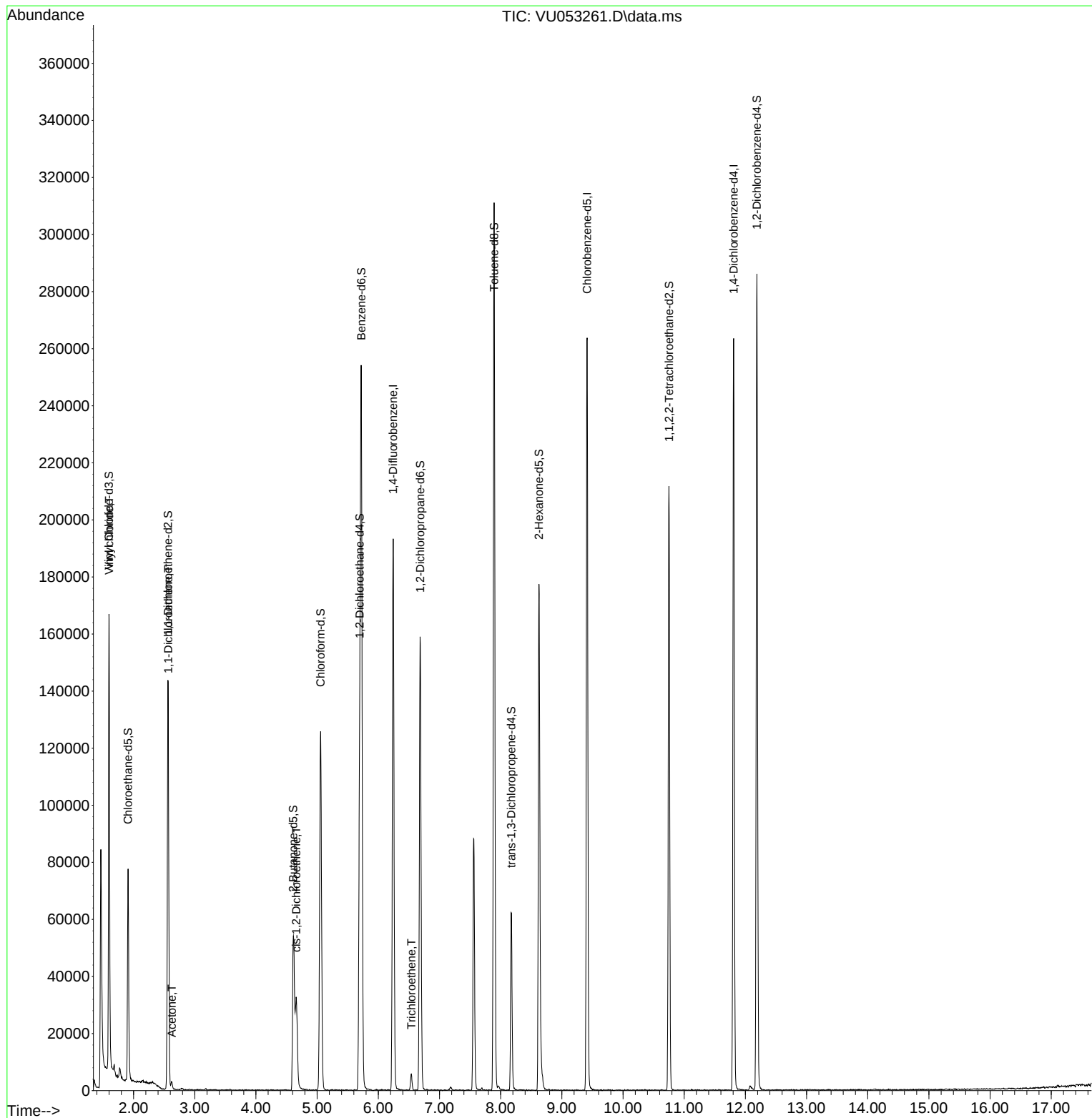
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	151243	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	139629	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65111	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66241	47.474	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	94.940%	
7) Chloroethane-d5	1.909	69	53775	47.646	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.300%	
11) 1,1-Dichloroethene-d2	2.562	63	85318	35.298	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.600%	
21) 2-Butanone-d5	4.610	46	79724	123.193	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	123.190%	
24) Chloroform-d	5.057	84	110868	48.242	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.480%	
26) 1,2-Dichloroethane-d4	5.697	65	74071	51.898	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.800%	
32) Benzene-d6	5.723	84	235316	51.959	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.920%	
36) 1,2-Dichloropropane-d6	6.684	67	78468	53.683	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	107.360%	
41) Toluene-d8	7.893	98	209854	49.769	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.540%	
43) trans-1,3-Dichloroprop...	8.173	79	35637	49.415	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	98.840%	
47) 2-Hexanone-d5	8.626	63	62616	137.022	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	137.020%#	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	105569	55.753	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	111.500%	
66) 1,2-Dichlorobenzene-d4	12.189	152	67270	53.358	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	106.720%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	51419	32.313	ug/L #	80
12) 1,1-Dichloroethene	2.568	96	1246	1.122	ug/L #	1
13) Acetone	2.623	43	3081	4.180	ug/L	97
20) cis-1,2-Dichloroethene	4.658	96	14788	11.172	ug/L	97
34) Trichloroethene	6.539	95	2138	1.694	ug/L	86

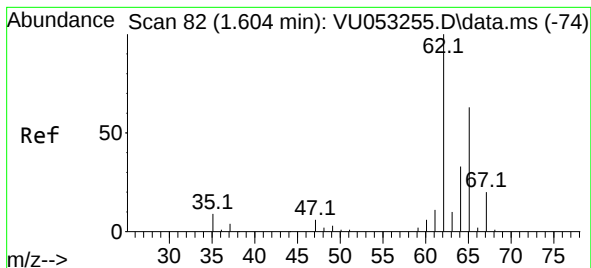
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 32.313 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

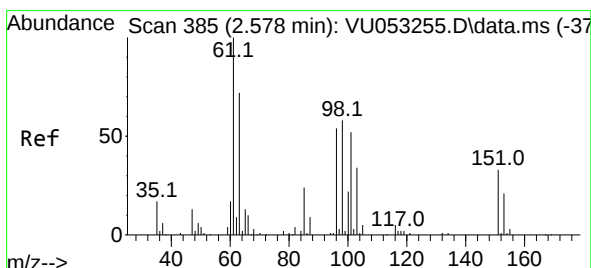
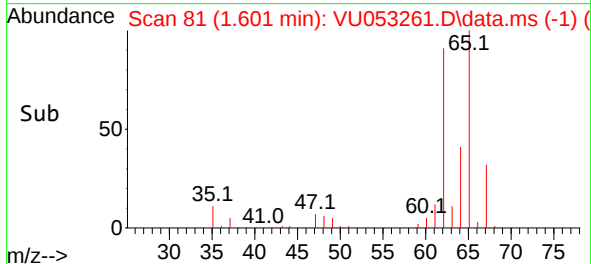
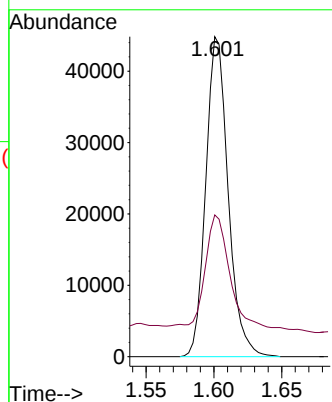
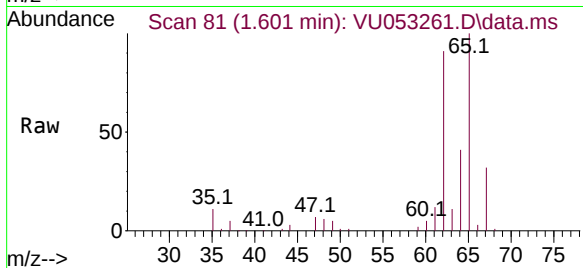
EYFF1

Tgt Ion: 62 Resp: 51419

Ion Ratio Lower Upper

62 100

64 44.3 23.2 43.0#



#12

1,1-Dichloroethene

Concen: 1.122 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

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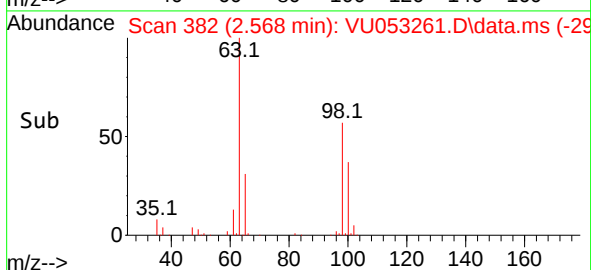
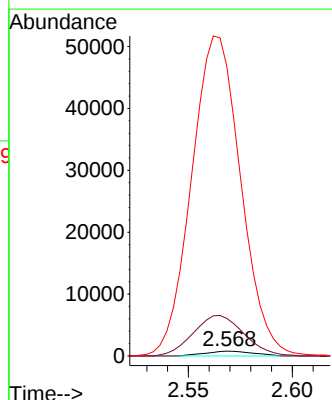
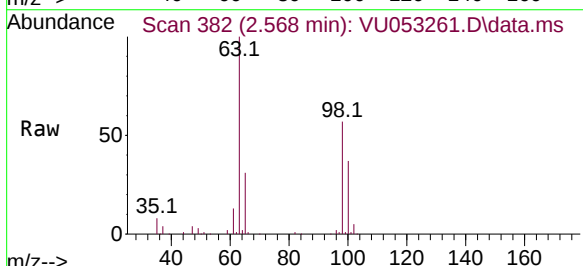
Tgt Ion: 96 Resp: 1246

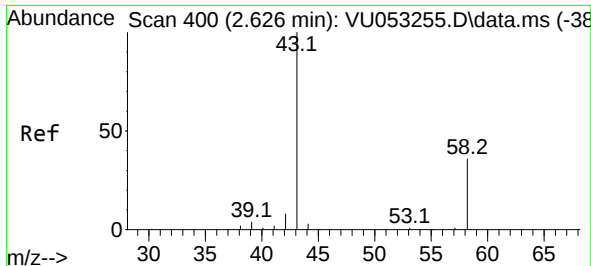
Ion Ratio Lower Upper

96 100

61 783.5 122.2 226.9#

63 6038.1 89.9 166.9#





#13

Acetone

Concen: 4.180 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

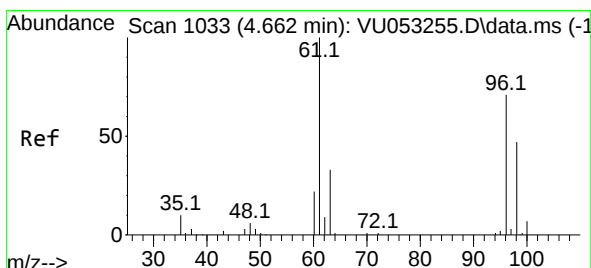
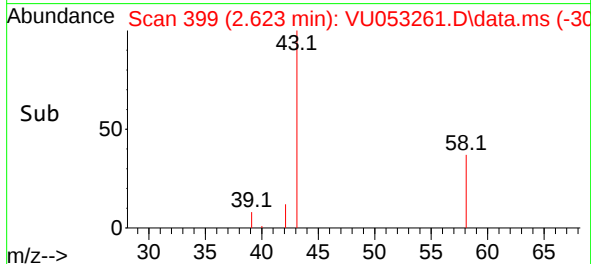
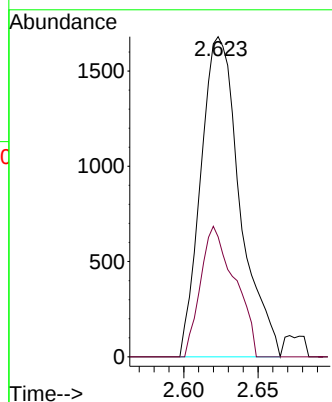
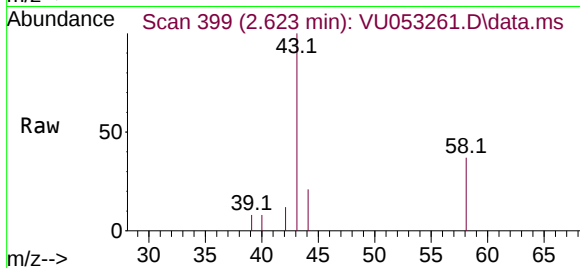
EYFF1

Tgt Ion: 43 Resp: 3081

Ion Ratio Lower Upper

43 100

58 35.6 0.0 75.0



#20

cis-1,2-Dichloroethene

Concen: 11.172 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU053261.D

Acq: 17 Mar 2023 12:52

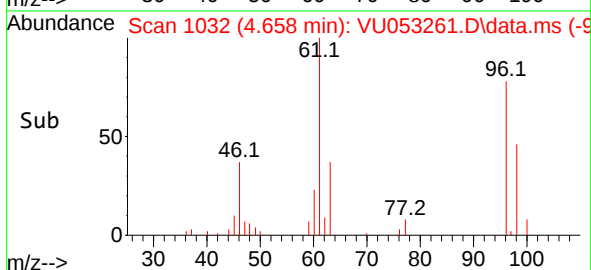
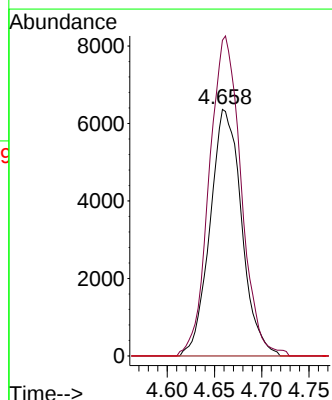
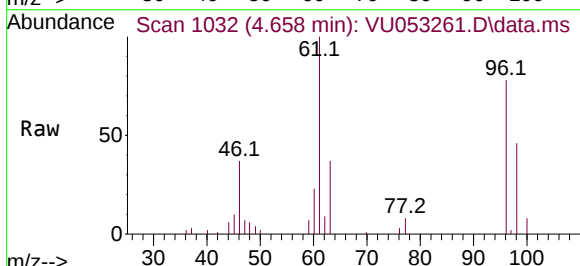
Tgt Ion: 96 Resp: 14788

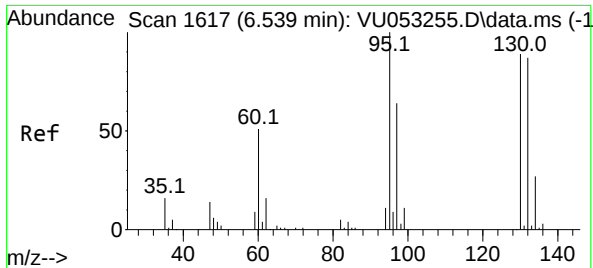
Ion Ratio Lower Upper

96 100

61 128.0 92.5 171.7

68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 1.694 ug/L
 RT: 6.539 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU053261.D
 Acq: 17 Mar 2023 12:52

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF1

Tgt Ion: 95 Resp: 2138

Ion	Ratio	Lower	Upper
95	100		
97	45.5	43.8	81.3
132	76.8	61.5	114.3
130	80.3	63.3	117.5

