

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
 Data File : VU053212.D
 Acq On : 15 Mar 2023 19:47
 Operator : JC/MD
 Sample : 01929-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF1

Quant Time: Mar 16 04:04:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 16 03:54:54 2023
 Response via : Initial Calibration

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

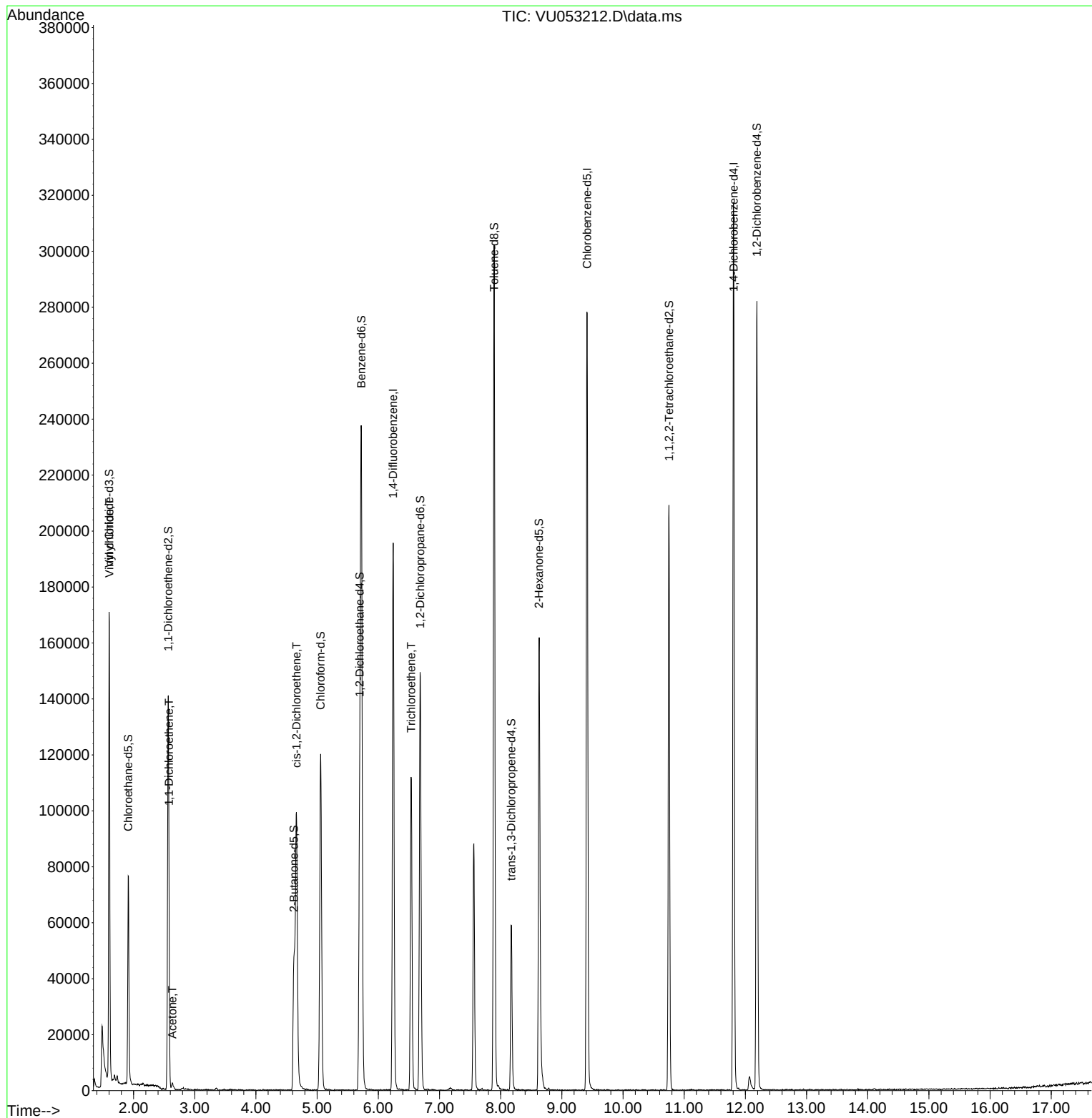
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	158136	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	153718	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	77823	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	62239	42.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.320%
7) Chloroethane-d5	1.913	69	52949	44.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.740%
11) 1,1-Dichloroethene-d2	2.565	63	84091	33.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.540%
21) 2-Butanone-d5	4.620	46	72447	107.069	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.070%
24) Chloroform-d	5.057	84	106808	44.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.900%
26) 1,2-Dichloroethane-d4	5.697	65	68907	46.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.360%
32) Benzene-d6	5.723	84	225322	45.192	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.380%
36) 1,2-Dichloropropane-d6	6.684	67	73806	45.866	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.740%
41) Toluene-d8	7.893	98	201994	43.514	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.020%
43) trans-1,3-Dichloroprop...	8.173	79	34252	43.142	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.280%
47) 2-Hexanone-d5	8.626	63	58267	115.819	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.820%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	102368	49.108	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.220%
66) 1,2-Dichlorobenzene-d4	12.189	152	69614	46.198	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	61423	36.917	ug/L	94
12) 1,1-Dichloroethene	2.578	96	1324	1.140	ug/L	# 1
13) Acetone	2.636	43	2861	3.713	ug/L	99
20) cis-1,2-Dichloroethene	4.662	96	47244	34.135	ug/L	100
34) Trichloroethene	6.536	95	38653	27.817	ug/L	96

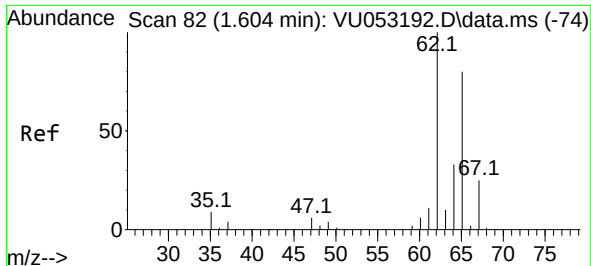
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 16 03:54:54 2023
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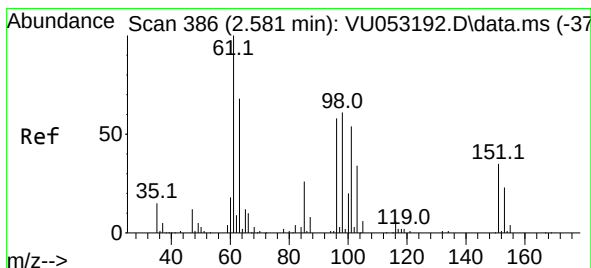
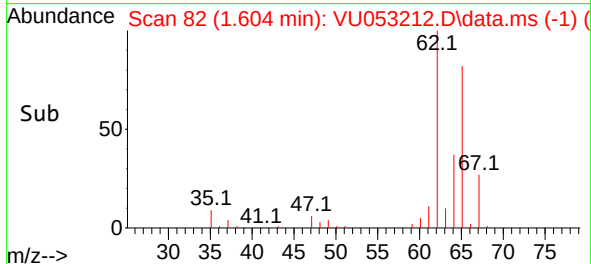
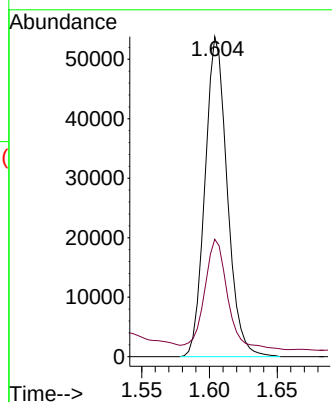
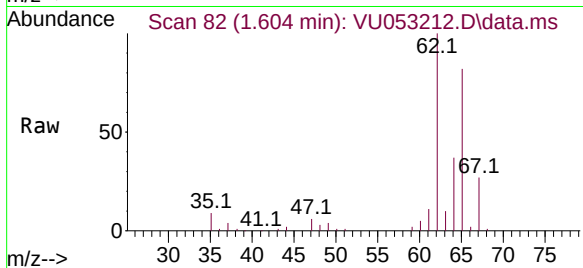




#5
 Vinyl chloride
 Concen: 36.917 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU053212.D
 Acq: 15 Mar 2023 19:47

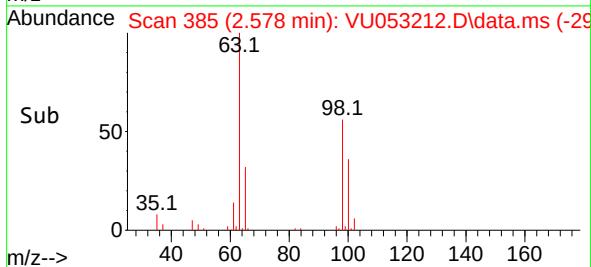
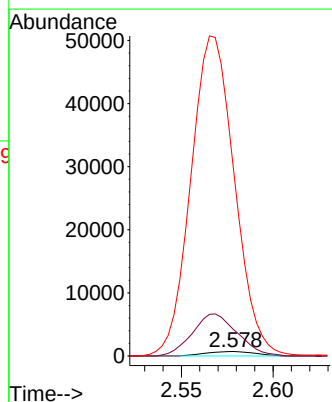
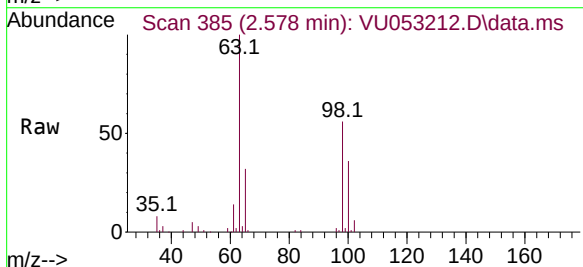
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF1

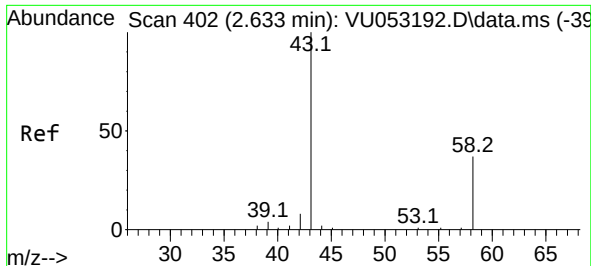
Tgt Ion: 62 Resp: 61423
 Ion Ratio Lower Upper
 62 100
 64 36.7 23.2 43.0



#12
 1,1-Dichloroethene
 Concen: 1.140 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU053212.D
 Acq: 15 Mar 2023 19:47

Tgt Ion: 96 Resp: 1324
 Ion Ratio Lower Upper
 96 100
 61 602.5 122.2 226.9#
 63 4282.9 89.9 166.9#





#13

Acetone

Concen: 3.713 ug/L

RT: 2.636 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU053212.D

Acq: 15 Mar 2023 19:47

Instrument :

MSVOA_U

ClientSampleId :

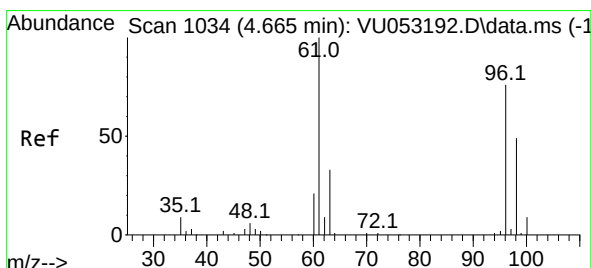
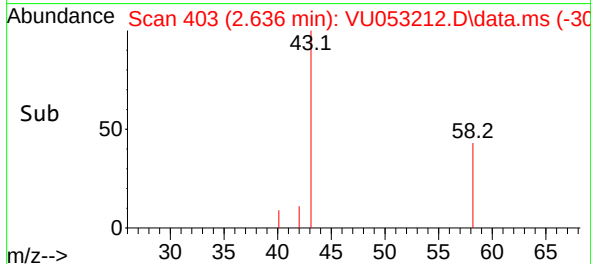
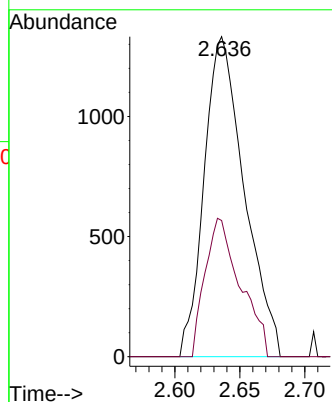
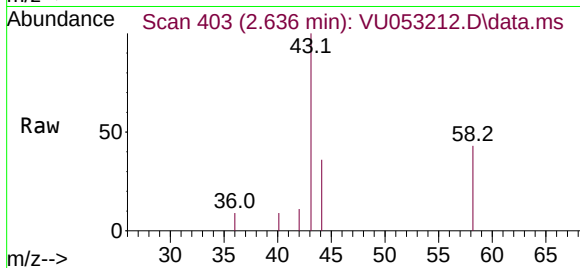
EYFF1

Tgt Ion: 43 Resp: 2861

Ion Ratio Lower Upper

43 100

58 38.1 0.0 75.0



#20

cis-1,2-Dichloroethene

Concen: 34.135 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU053212.D

Acq: 15 Mar 2023 19:47

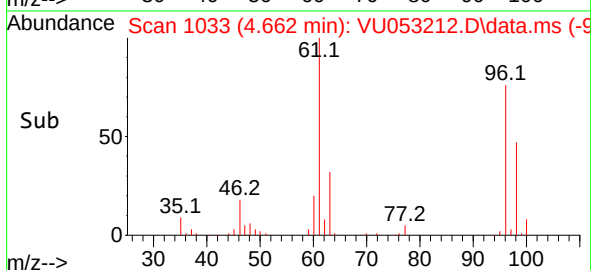
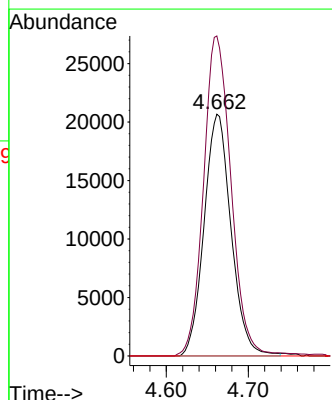
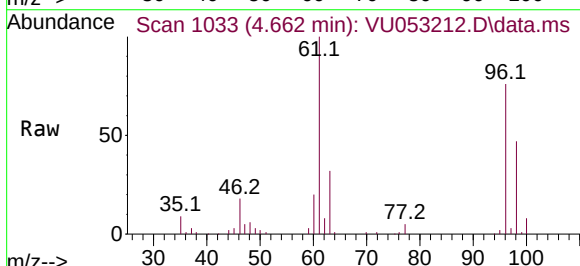
Tgt Ion: 96 Resp: 47244

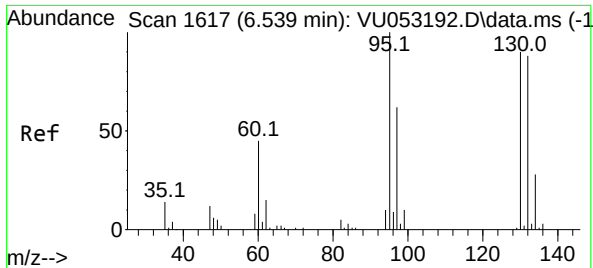
Ion Ratio Lower Upper

96 100

61 132.4 92.5 171.7

68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 27.817 ug/L
 RT: 6.536 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU053212.D
 Acq: 15 Mar 2023 19:47

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF1

Tgt Ion: 95 Resp: 38653

Ion	Ratio	Lower	Upper
95	100		
97	60.8	43.8	81.3
132	81.7	61.5	114.3
130	87.1	63.3	117.5

