

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031623\
 Data File : VU053232.D
 Acq On : 16 Mar 2023 17:29
 Operator : JC/MD
 Sample : 01930-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG5

Quant Time: Mar 17 02:43:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 17 02:34:44 2023
 Response via : Initial Calibration

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

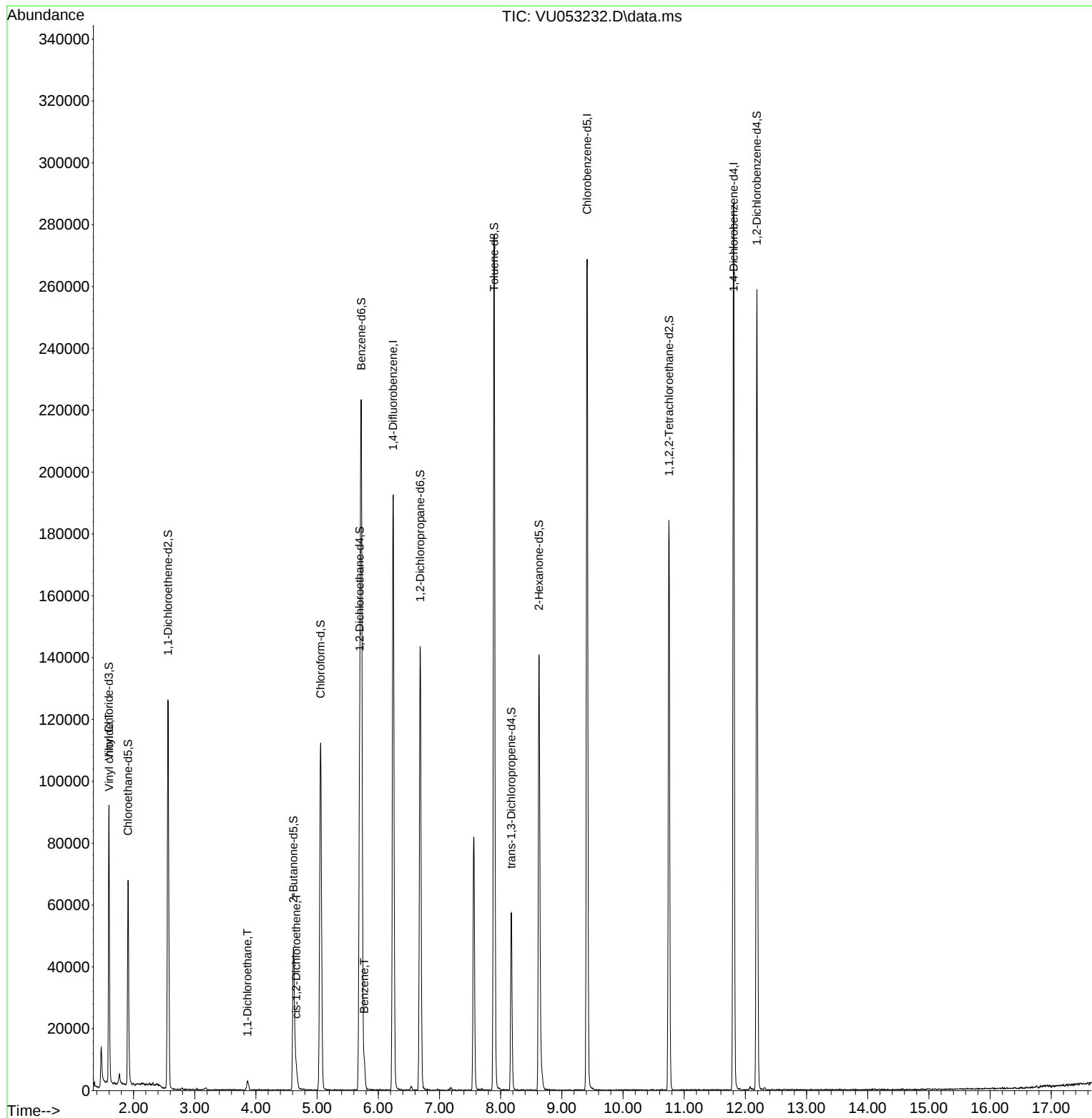
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	152851	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	143420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	70265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56497	40.065	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.120%
7) Chloroethane-d5	1.909	69	47150	41.337	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.680%
11) 1,1-Dichloroethene-d2	2.562	63	75000	30.702	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.400%
21) 2-Butanone-d5	4.613	46	68196	104.271	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.270%
24) Chloroform-d	5.057	84	100799	43.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.697	65	66757	46.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.560%
32) Benzene-d6	5.723	84	212323	45.642	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.280%
36) 1,2-Dichloropropane-d6	6.684	67	70324	46.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.680%
41) Toluene-d8	7.893	98	186718	43.112	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.220%
43) trans-1,3-Dichloroprop...	8.173	79	31740	42.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.700%
47) 2-Hexanone-d5	8.626	63	50855	108.344	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.340%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	93223	47.932	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.860%
66) 1,2-Dichlorobenzene-d4	12.188	152	60278	44.305	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	7802	4.851	ug/L	# 71
19) 1,1-Dichloroethane	3.861	63	3916	1.684	ug/L	95
20) cis-1,2-Dichloroethene	4.658	96	2372	1.773	ug/L	87
33) Benzene	5.771	78	8496	1.709	ug/L	100

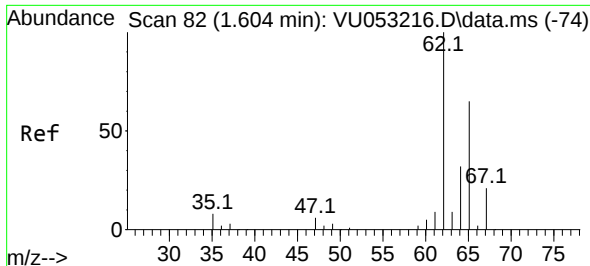
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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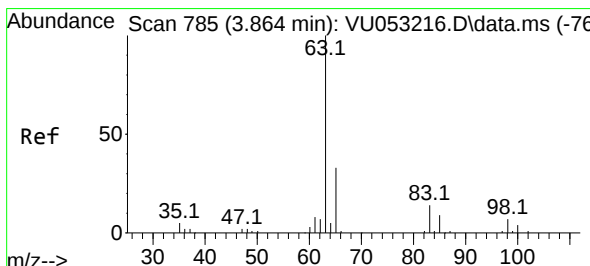
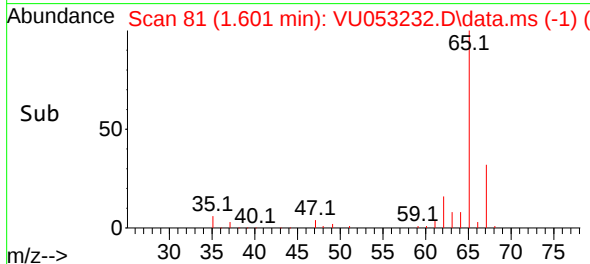
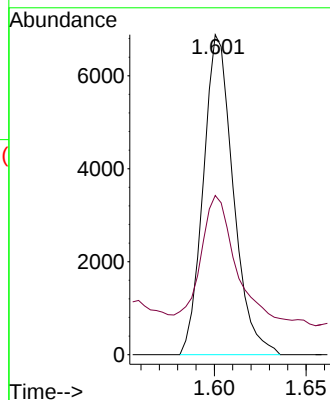
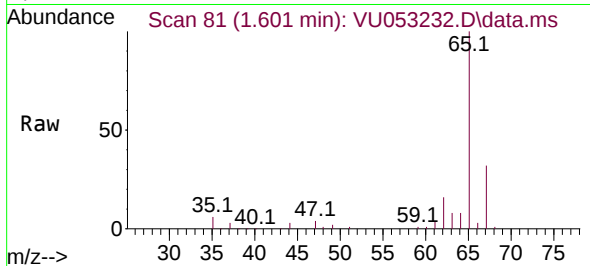




#5
 Vinyl chloride
 Concen: 4.851 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU053232.D
 Acq: 16 Mar 2023 17:29

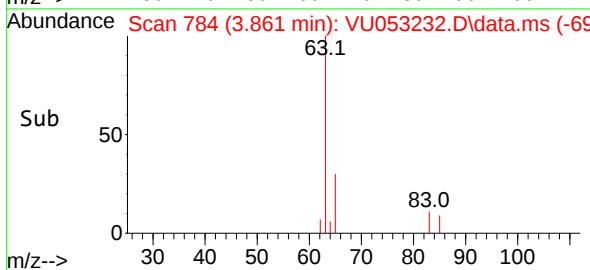
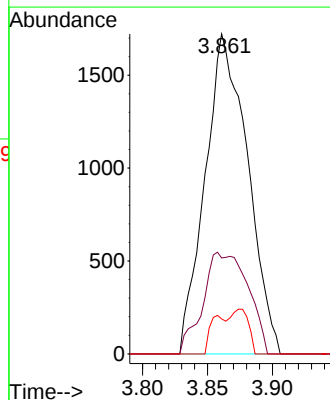
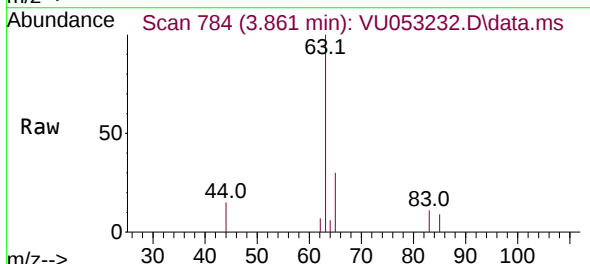
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG5

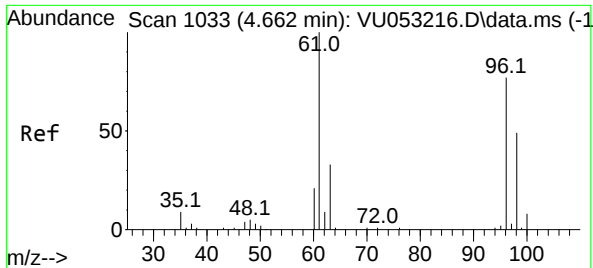
Tgt Ion: 62 Resp: 7802
 Ion Ratio Lower Upper
 62 100
 64 49.7 23.2 43.0#



#19
 1,1-Dichloroethane
 Concen: 1.684 ug/L
 RT: 3.861 min Scan# 784
 Delta R.T. -0.003 min
 Lab File: VU053232.D
 Acq: 16 Mar 2023 17:29

Tgt Ion: 63 Resp: 3916
 Ion Ratio Lower Upper
 63 100
 65 30.0 22.8 42.4
 83 10.9 9.4 17.6

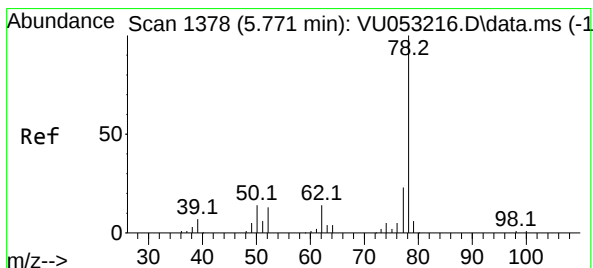
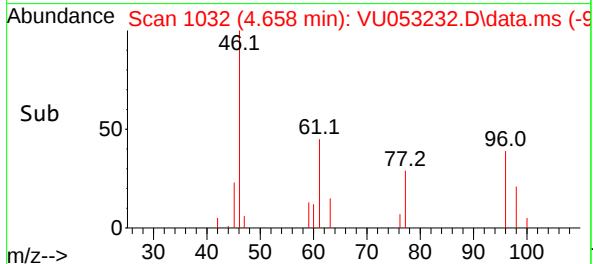
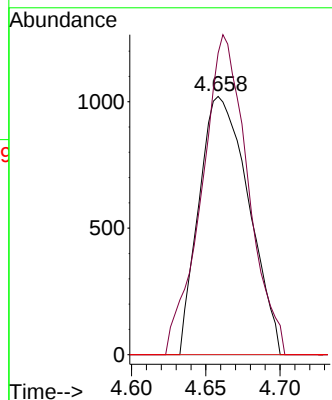
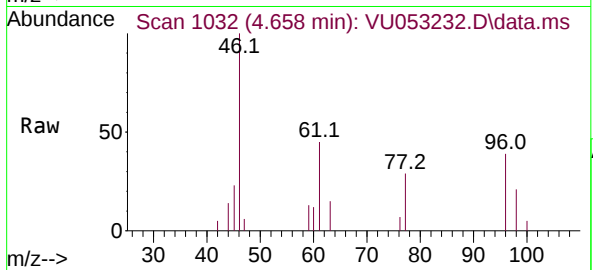




#20
 cis-1,2-Dichloroethene
 Concen: 1.773 ug/L
 RT: 4.658 min Scan# 1033
 Delta R.T. -0.003 min
 Lab File: VU053232.D
 Acq: 16 Mar 2023 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG5

Tgt Ion: 96 Resp: 2372
 Ion Ratio Lower Upper
 96 100
 61 116.7 92.5 171.7
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 1.709 ug/L
 RT: 5.771 min Scan# 1378
 Delta R.T. -0.000 min
 Lab File: VU053232.D
 Acq: 16 Mar 2023 17:29

Tgt Ion: 78 Resp: 8496

