

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
 Data File : VU053336.D
 Acq On : 21 Mar 2023 19:54
 Operator : JC/MD
 Sample : 01995-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXEN0

Quant Time: Mar 22 03:13:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 22 03:08:43 2023
 Response via : Initial Calibration

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

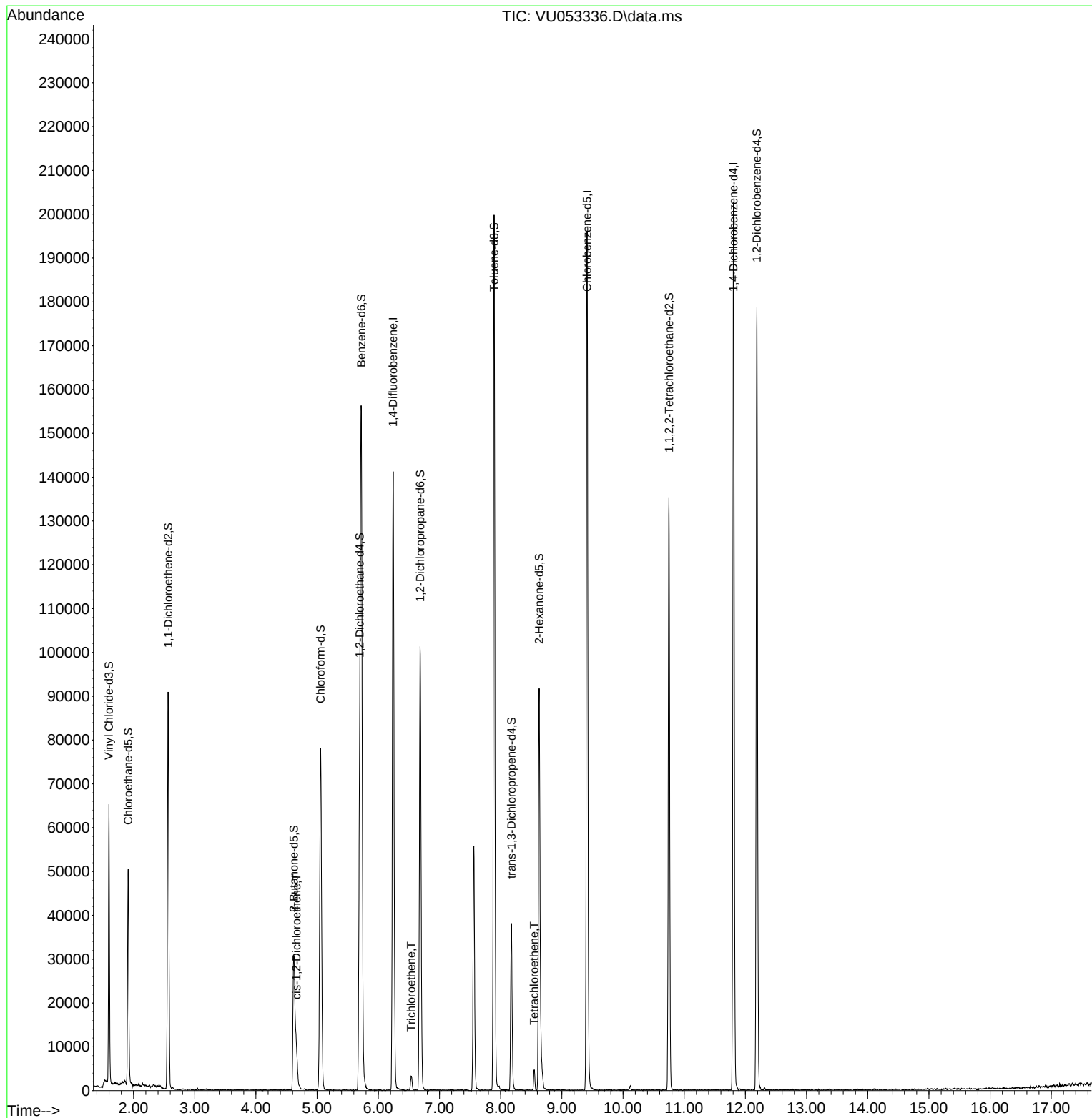
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	110206	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	104416	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	47870	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43747	43.028	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.060%
7) Chloroethane-d5	1.913	69	35362	42.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.565	63	52642	29.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.780%#
21) 2-Butanone-d5	4.620	46	48231	102.281	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.280%
24) Chloroform-d	5.057	84	67613	40.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.760%
26) 1,2-Dichloroethane-d4	5.697	65	47180	45.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.740%
32) Benzene-d6	5.723	84	146810	43.348	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.700%
36) 1,2-Dichloropropane-d6	6.684	67	48376	44.257	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.520%
41) Toluene-d8	7.893	98	130154	41.277	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.560%
43) trans-1,3-Dichloroprop...	8.176	79	22242	41.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.480%
47) 2-Hexanone-d5	8.629	63	32226	94.302	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.300%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	65185	46.035	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.080%
66) 1,2-Dichlorobenzene-d4	12.189	152	42277	45.611	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.220%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.662	96	3131	3.246	ug/L	96
34) Trichloroethene	6.536	95	1273	1.349	ug/L	92
46) Tetrachloroethene	8.549	164	911	1.483	ug/L #	85

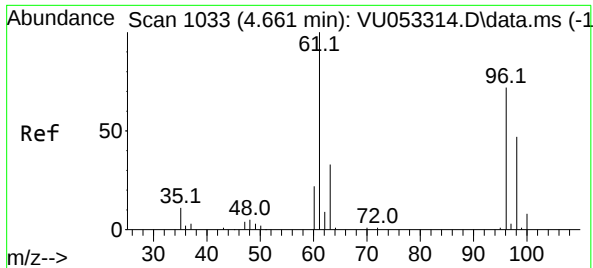
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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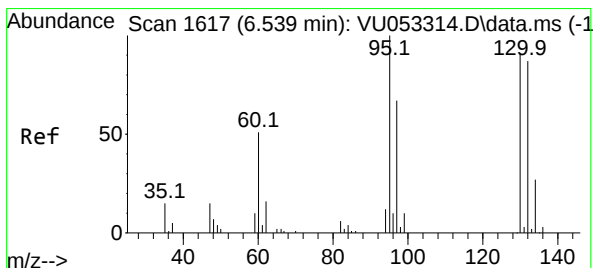
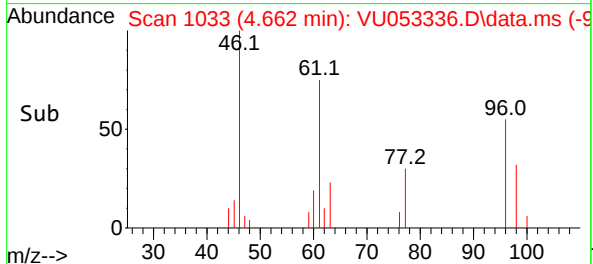
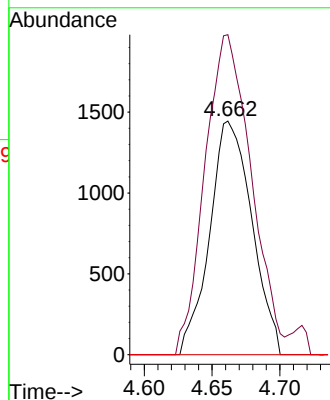
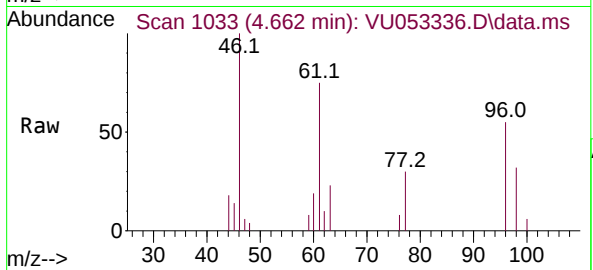




#20
cis-1,2-Dichloroethene
Concen: 3.246 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU053336.D
Acq: 21 Mar 2023 19:54

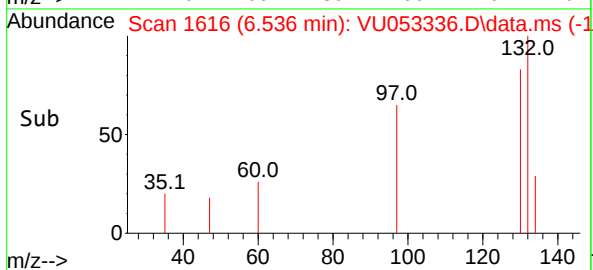
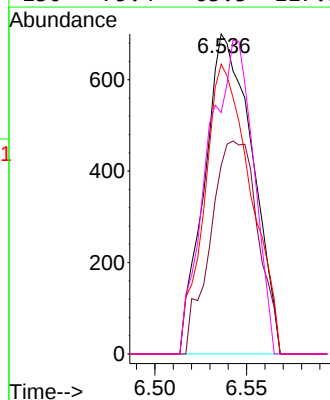
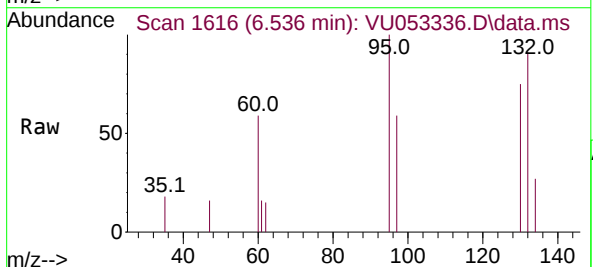
Instrument :
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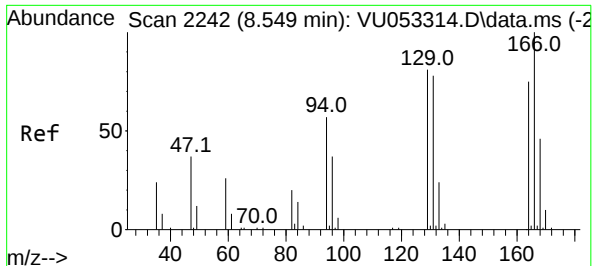
Tgt Ion: 96 Resp: 3131
Ion Ratio Lower Upper
96 100
61 137.0 92.5 171.7
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 1.349 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053336.D
Acq: 21 Mar 2023 19:54

Tgt Ion: 95 Resp: 1273
Ion Ratio Lower Upper
95 100
97 58.9 43.8 81.3
132 90.6 61.5 114.3
130 75.4 63.3 117.5





#46
 Tetrachloroethene
 Concen: 1.483 ug/L
 RT: 8.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU053336.D
 Acq: 21 Mar 2023 19:54

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Tgt Ion:	164	Resp:	911
Ion	Ratio	Lower	Upper
164	100		
129	72.0	73.6	136.8#
131	102.1	70.3	130.7
166	140.7	88.9	165.1

