

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
 Data File : VU053334.D
 Acq On : 21 Mar 2023 19:07
 Operator : JC/MD
 Sample : 01995-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXEM6

Quant Time: Mar 22 03:13:24 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)

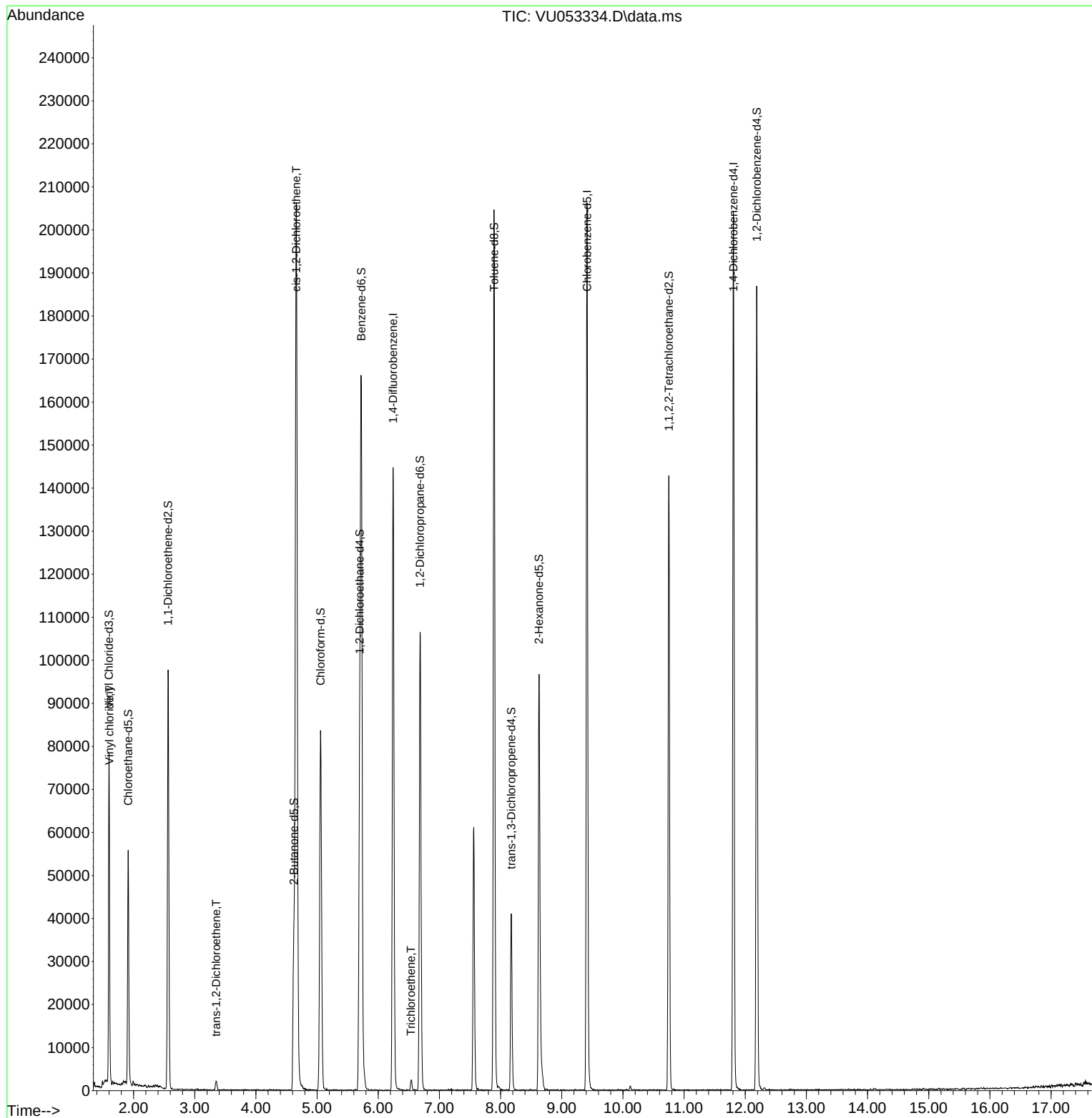
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	114726	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	107385	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	49499	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44935	42.455	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.920%
7) Chloroethane-d5	1.912	69	39423	46.048	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.100%
11) 1,1-Dichloroethene-d2	2.565	63	57058	31.120	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.240%
21) 2-Butanone-d5	4.620	46	51447	104.802	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.800%
24) Chloroform-d	5.057	84	71913	41.252	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.500%
26) 1,2-Dichloroethane-d4	5.697	65	49137	45.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.780%
32) Benzene-d6	5.723	84	154376	44.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.640%
36) 1,2-Dichloropropane-d6	6.684	67	51415	45.737	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.480%
41) Toluene-d8	7.893	98	137838	42.505	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.020%
43) trans-1,3-Dichloroprop...	8.176	79	23576	42.507	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.020%
47) 2-Hexanone-d5	8.626	63	33081	94.127	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.130%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	69146	47.482	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.960%
66) 1,2-Dichlorobenzene-d4	12.188	152	44988	46.939	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.880%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	10626	8.803	ug/L	83
17) trans-1,2-Dichloroethene	3.350	96	832	0.973	ug/L	90
20) cis-1,2-Dichloroethene	4.661	96	101383	100.970	ug/L	98
34) Trichloroethene	6.536	95	946	0.975	ug/L	84

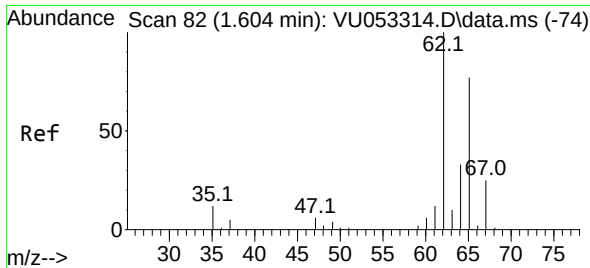
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
Data File : VU053334.D
Acq On : 21 Mar 2023 19:07
Operator : JC/MD
Sample : 01995-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXEM6

Quant Time: Mar 22 03:13:24 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

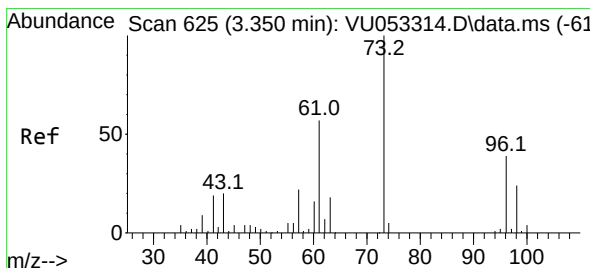
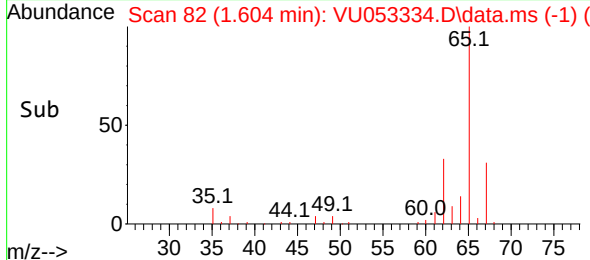
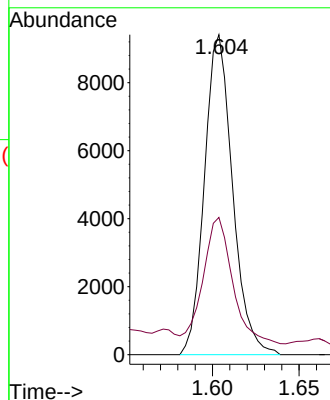
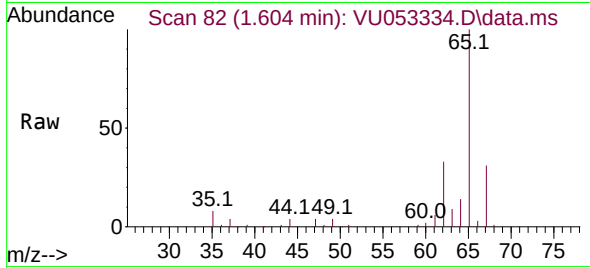




#5
 Vinyl chloride
 Concen: 8.803 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU053334.D
 Acq: 21 Mar 2023 19:07

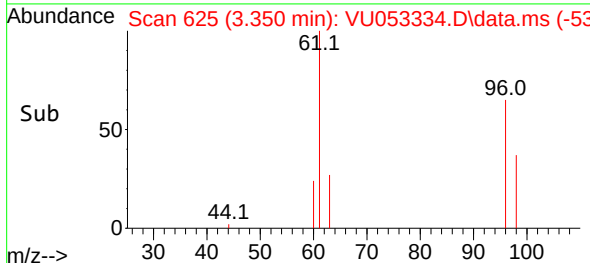
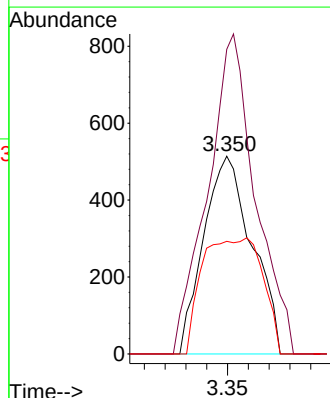
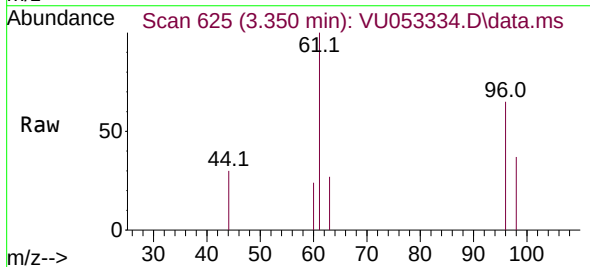
Instrument :
 MSVOA_U
 ClientSampleId :
 EXEM6

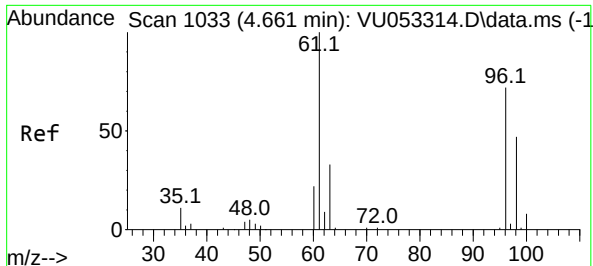
Tgt Ion: 62 Resp: 10626
 Ion Ratio Lower Upper
 62 100
 64 42.9 23.2 43.0



#17
 trans-1,2-Dichloroethene
 Concen: 0.973 ug/L
 RT: 3.350 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VU053334.D
 Acq: 21 Mar 2023 19:07

Tgt Ion: 96 Resp: 832
 Ion Ratio Lower Upper
 96 100
 61 154.1 99.6 185.0
 98 57.0 45.5 84.5

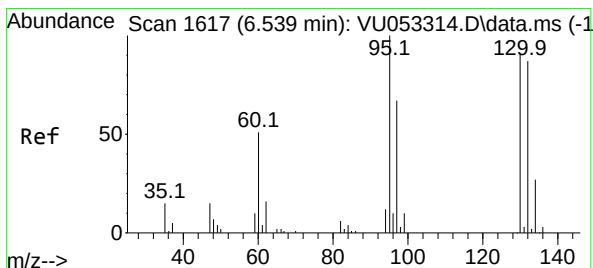
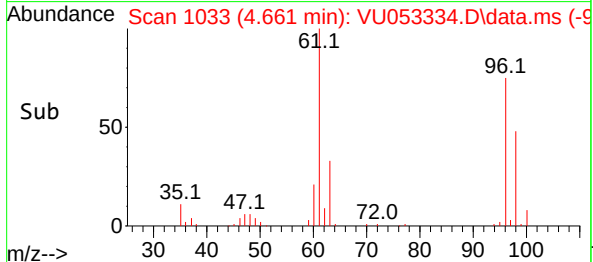
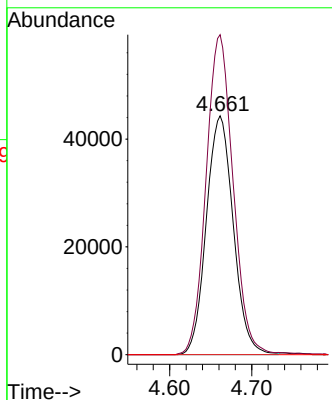
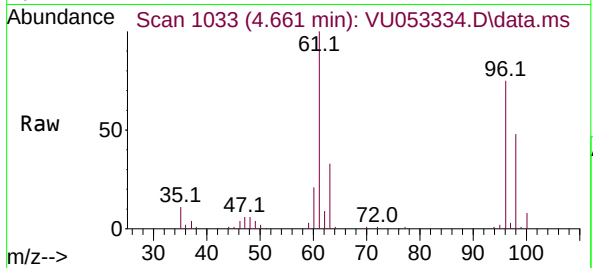




#20
cis-1,2-Dichloroethene
Concen: 100.970 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU053334.D
Acq: 21 Mar 2023 19:07

Instrument :
MSVOA_U
ClientSampleId :
EXEM6

Tgt Ion: 96 Resp: 101383
Ion Ratio Lower Upper
96 100
61 133.9 92.5 171.7
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 0.975 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053334.D
Acq: 21 Mar 2023 19:07

Tgt Ion: 95 Resp: 946
Ion Ratio Lower Upper
95 100
97 50.1 43.8 81.3
132 81.6 61.5 114.3
130 66.2 63.3 117.5

