

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053537.D
 Acq On : 03 Apr 2023 22:45
 Operator : JC/MD
 Sample : VU0403WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK065

Quant Time: Apr 04 06:57:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

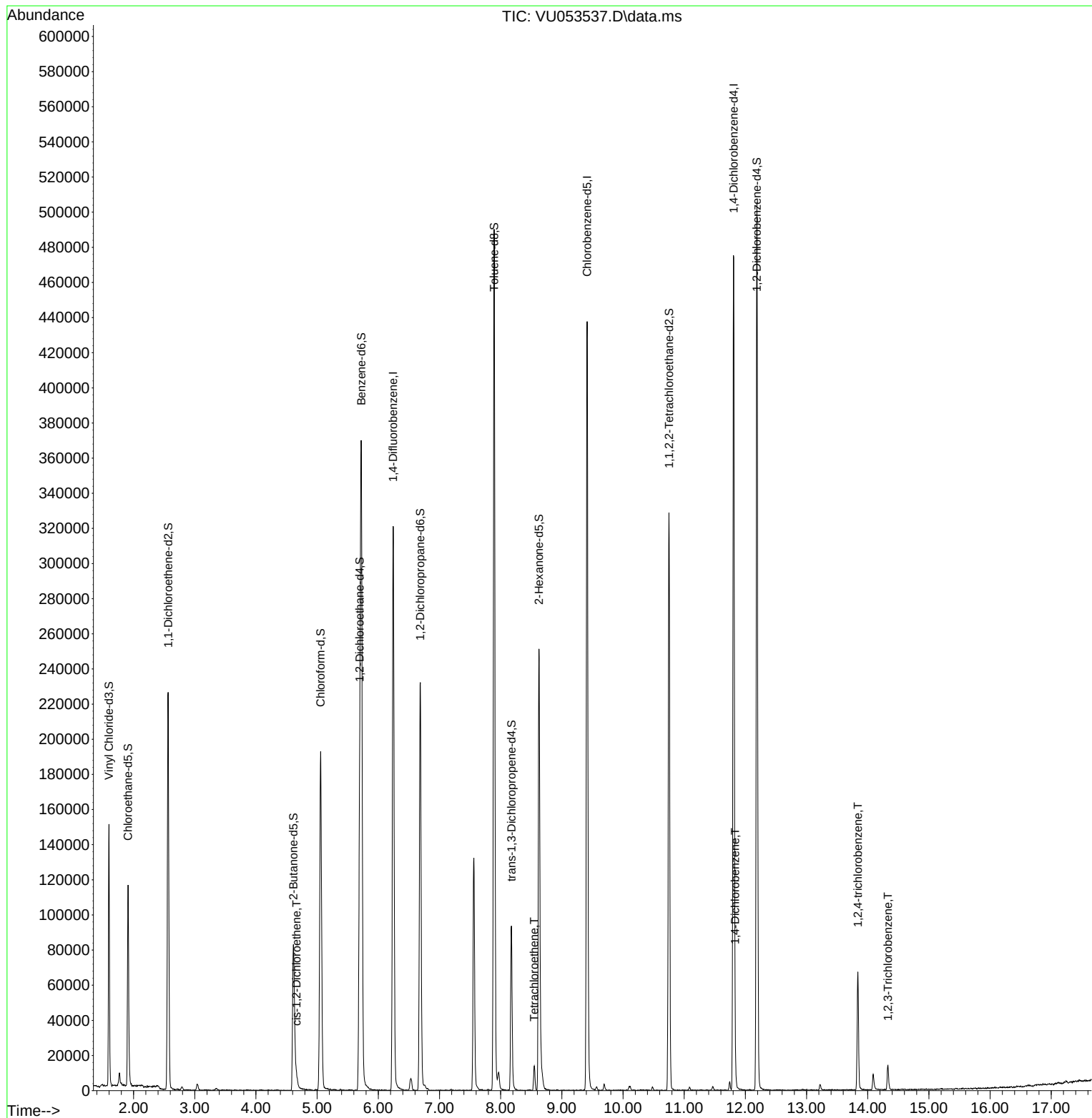
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	276324	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	254433	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	129993	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	105749	49.148	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.300%		
7) Chloroethane-d5	1.909	69	85391	51.473	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.940%		
11) 1,1-Dichloroethene-d2	2.565	63	127666	38.331	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.660%		
21) 2-Butanone-d5	4.613	46	116340	119.426	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	119.430%		
24) Chloroform-d	5.057	84	174871	49.143	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.280%		
26) 1,2-Dichloroethane-d4	5.697	65	113907	54.173	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.340%		
32) Benzene-d6	5.723	84	360659	52.514	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.020%		
36) 1,2-Dichloropropane-d6	6.684	67	114498	54.544	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	109.080%		
41) Toluene-d8	7.893	98	339443	49.728	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.460%		
43) trans-1,3-Dichloroprop...	8.176	79	55348	51.079	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.160%		
47) 2-Hexanone-d5	8.626	63	91522	127.748	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	127.750%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	160245	54.161	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	108.320%		
66) 1,2-Dichlorobenzene-d4	12.188	152	132945	48.995	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.000%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.661	96	2459	1.249	ug/L	90
46) Tetrachloroethene	8.549	164	2956	1.777	ug/L	95
65) 1,4-Dichlorobenzene	11.832	146	6119	1.495	ug/L	93
70) 1,2,4-trichlorobenzene	13.838	180	21238	7.703	ug/L	97
72) 1,2,3-Trichlorobenzene	14.330	180	5270	1.914	ug/L	97

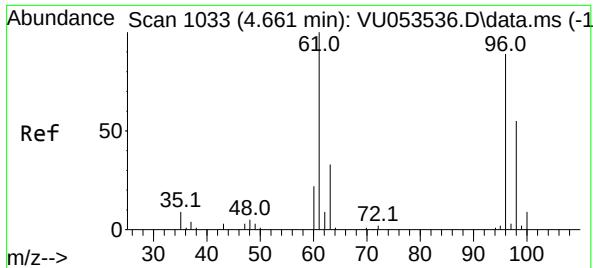
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
Data File : VU053537.D
Acq On : 03 Apr 2023 22:45
Operator : JC/MD
Sample : VU0403WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK065

Quant Time: Apr 04 06:57:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 01 04:51:17 2023
Response via : Initial Calibration



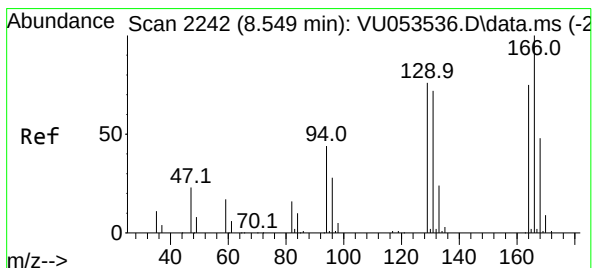
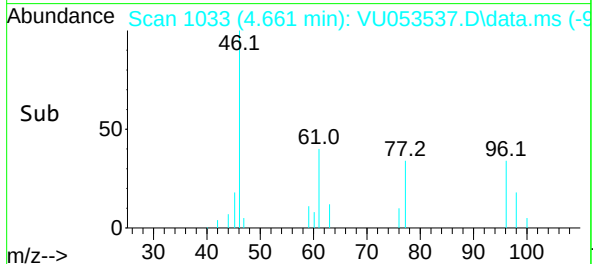
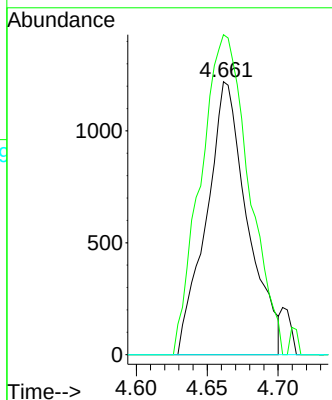
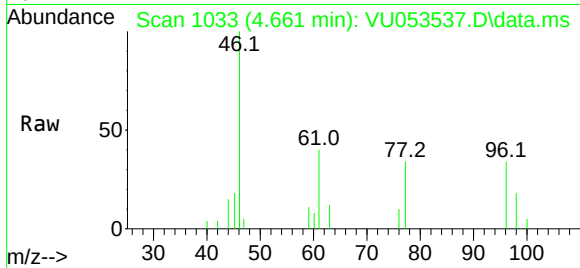


#20
 cis-1,2-Dichloroethene
 Concen: 1.249 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU053537.D
 Acq: 03 Apr 2023 22:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK065

Tgt Ion: 96 Resp: 2459

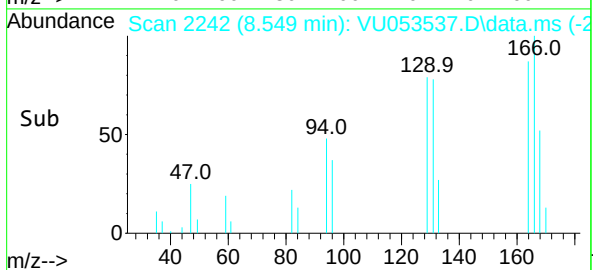
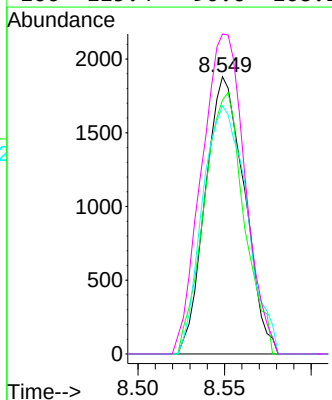
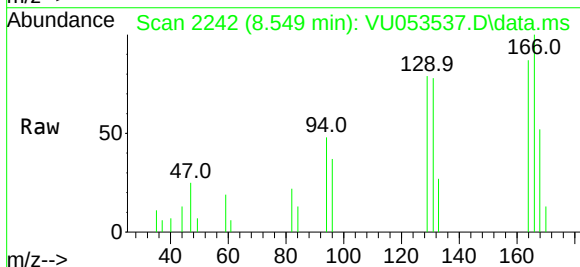
Ion	Ratio	Lower	Upper
96	100		
61	117.2	74.7	138.7
68	0.0	0.0	0.0

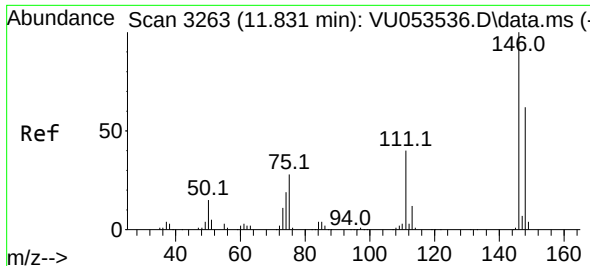


#46
 Tetrachloroethene
 Concen: 1.777 ug/L
 RT: 8.549 min Scan# 2242
 Delta R.T. 0.000 min
 Lab File: VU053537.D
 Acq: 03 Apr 2023 22:45

Tgt Ion: 164 Resp: 2956

Ion	Ratio	Lower	Upper
164	100		
129	91.6	64.0	119.0
131	89.5	61.9	115.1
166	115.4	90.6	168.2

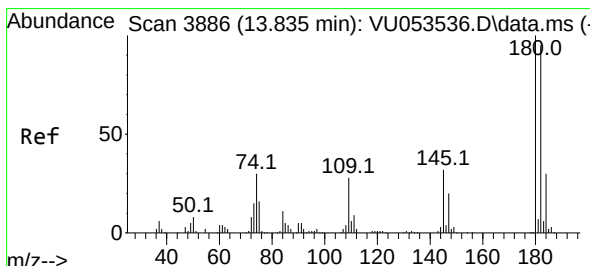
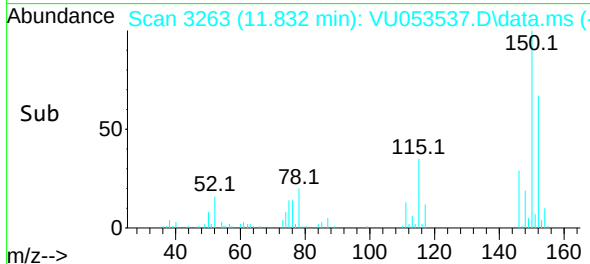
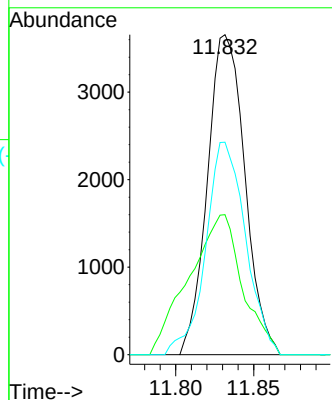
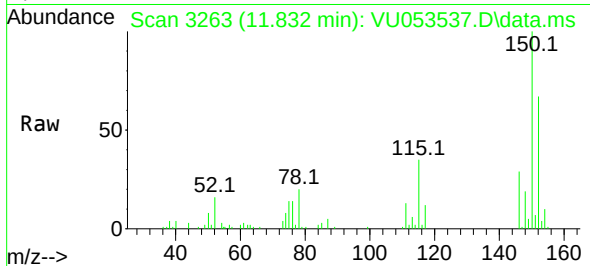




#65
 1,4-Dichlorobenzene
 Concen: 1.495 ug/L
 RT: 11.832 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU053537.D
 Acq: 03 Apr 2023 22:45

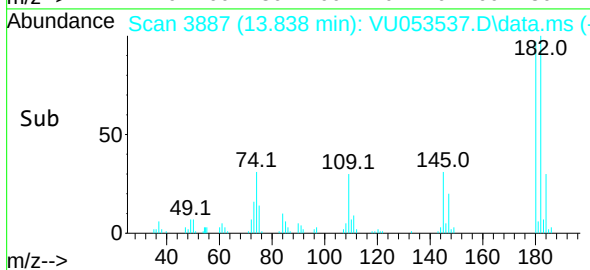
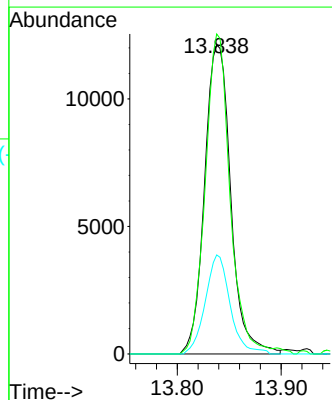
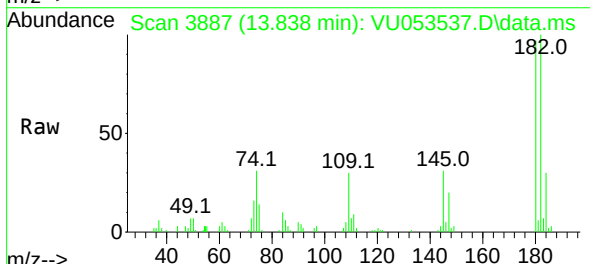
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK065

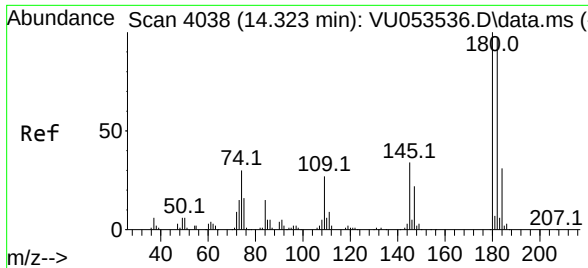
Tgt Ion:146 Resp: 6119
 Ion Ratio Lower Upper
 146 100
 111 43.8 25.1 46.5
 148 66.4 44.3 82.3



#70
 1,2,4-trichlorobenzene
 Concen: 7.703 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.003 min
 Lab File: VU053537.D
 Acq: 03 Apr 2023 22:45

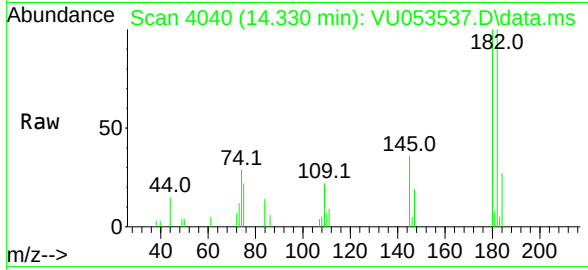
Tgt Ion:180 Resp: 21238
 Ion Ratio Lower Upper
 180 100
 182 97.5 75.8 113.8
 145 30.3 23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 1.914 ug/L
 RT: 14.330 min Scan# 4038
 Delta R.T. 0.006 min
 Lab File: VU053537.D
 Acq: 03 Apr 2023 22:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK065



Tgt Ion:	180	Resp:	5270
Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.0	115.6
145	36.8	25.4	38.0

