

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043745.D
 Acq On : 14 May 2021 10:55
 Operator : SY/MD
 Sample : M2350-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG6L6

Quant Time: May 14 14:42:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:42:41 2021
 Response via : Initial Calibration

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

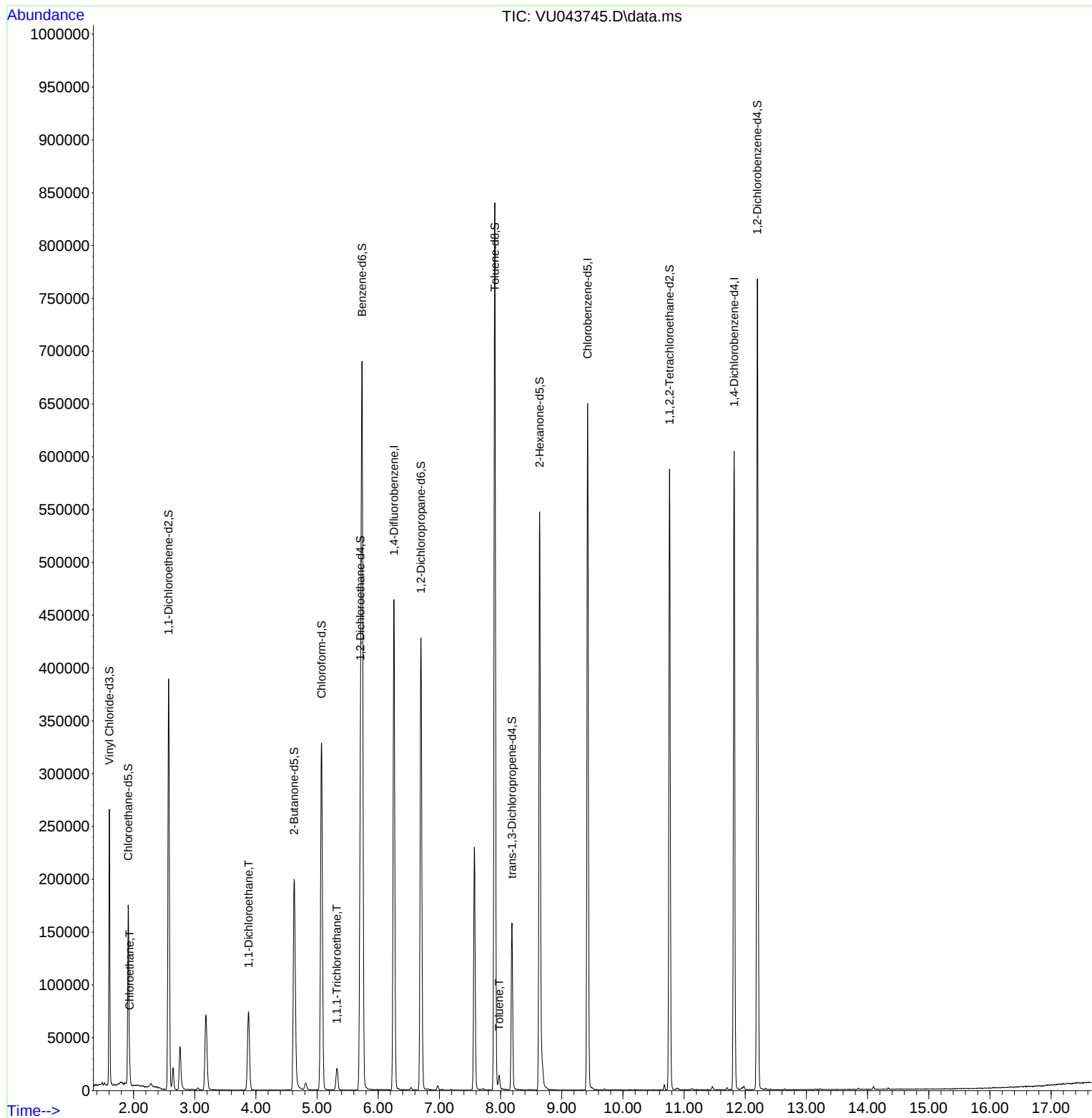
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	374390	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	363294	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	164471	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	173791	56.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 112.12%			
7) Chloroethane-d5	1.912	69	129786	58.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.44%			
11) 1,1-Dichloroethene-d2	2.571	63	228862	43.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.74%			
21) 2-Butanone-d5	4.626	46	284747	117.43	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.43%			
24) Chloroform-d	5.073	84	304103	57.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.64%			
26) 1,2-Dichloroethane-d4	5.710	65	194001	59.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.98%			
32) Benzene-d6	5.735	84	641498	59.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.16%			
36) 1,2-Dichloropropane-d6	6.697	67	212625	60.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 121.10%#			
41) Toluene-d8	7.906	98	558587	57.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.32%			
43) trans-1,3-Dichloroprop...	8.185	79	88661	57.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 115.48%			
47) 2-Hexanone-d5	8.639	63	184382	109.65	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.65%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	299677	56.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.78%			
66) 1,2-Dichlorobenzene-d4	12.198	152	207317	63.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 127.74%#			
Target Compounds						
					Qvalue	
8) Chloroethane	1.935	64	9759	4.65	ug/L	96
19) 1,1-Dichloroethane	3.880	63	87594	16.03	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	15329	3.50	ug/L	99
42) Toluene	7.976	91	8389	0.65	ug/L	91

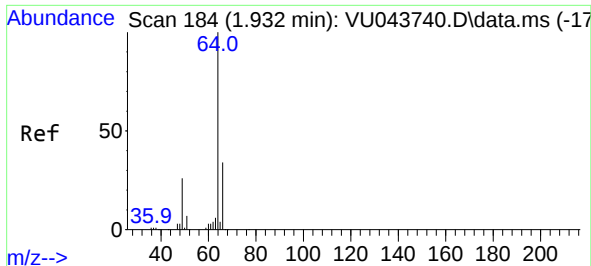
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
Data File : VU043745.D
Acq On : 14 May 2021 10:55
Operator : SY/MD
Sample : M2350-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG6L6

Quant Time: May 14 14:42:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 14 04:42:41 2021
Response via : Initial Calibration

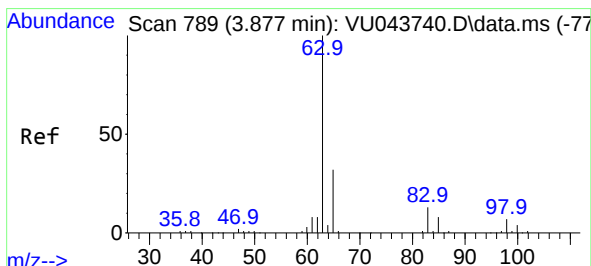
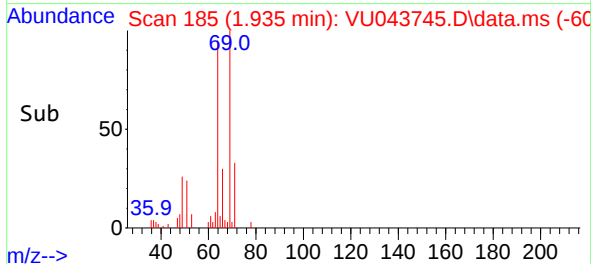
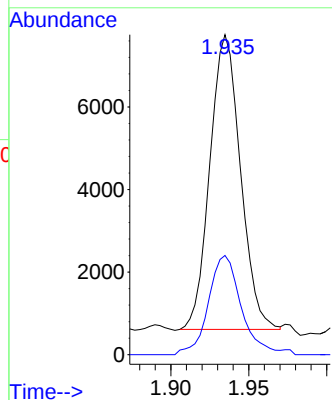
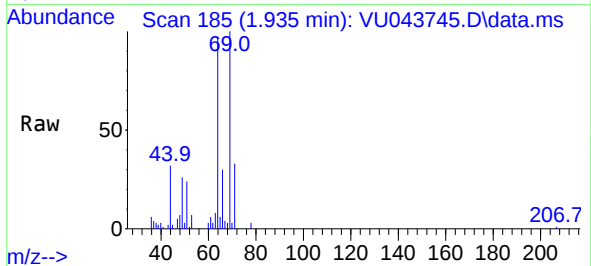




#8
Chloroethane
Concen: 4.65 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU043745.D
Acq: 14 May 2021 10:55

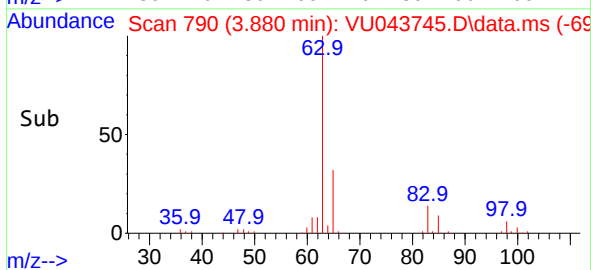
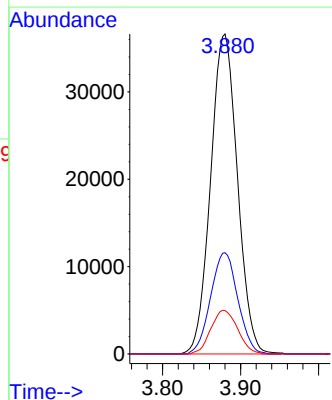
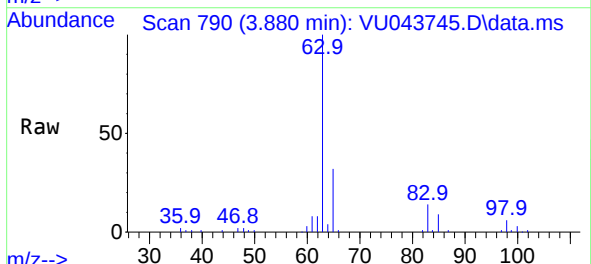
Instrument :
MSVOA_U
ClientSampleId :
BG6L6

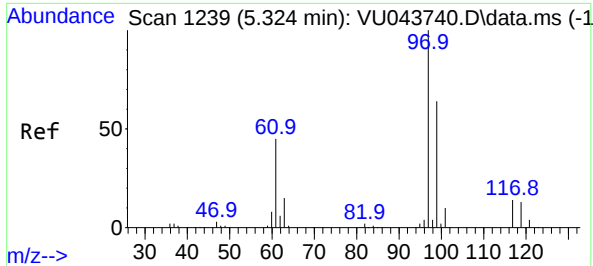
Tgt Ion: 64 Resp: 9759
Ion Ratio Lower Upper
64 100
66 31.0 23.2 43.2



#19
1,1-Dichloroethane
Concen: 16.03 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU043745.D
Acq: 14 May 2021 10:55

Tgt Ion: 63 Resp: 87594
Ion Ratio Lower Upper
63 100
65 31.7 22.0 41.0
83 13.6 8.7 16.1



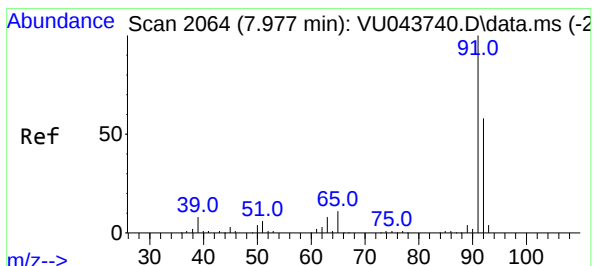
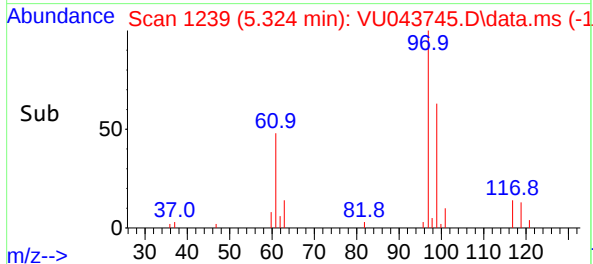
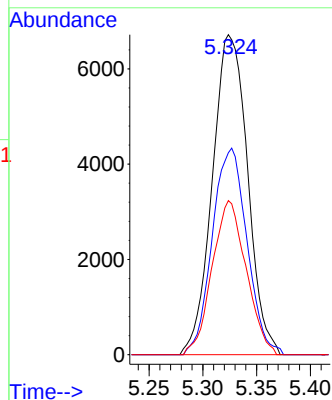
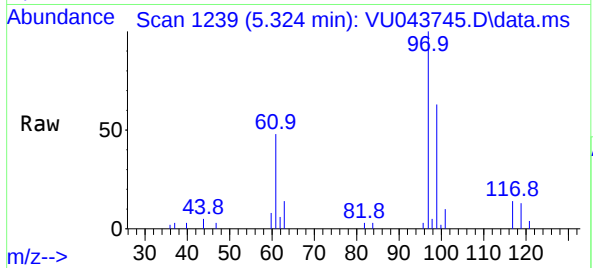


#30
1,1,1-Trichloroethane
Concen: 3.50 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU043745.D
Acq: 14 May 2021 10:55

Instrument :
MSVOA_U
ClientSampleId :
BG6L6

Tgt Ion: 97 Resp: 15329

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.7	77.5
61	46.5	36.9	55.3



#42
Toluene
Concen: 0.65 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043745.D
Acq: 14 May 2021 10:55

Tgt Ion: 91 Resp: 8389

Ion	Ratio	Lower	Upper
91	100		
92	63.5	39.7	73.7

