

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050823\
 Data File : VU054080.D
 Acq On : 08 May 2023 15:09
 Operator : JC/MD
 Sample : 02662-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

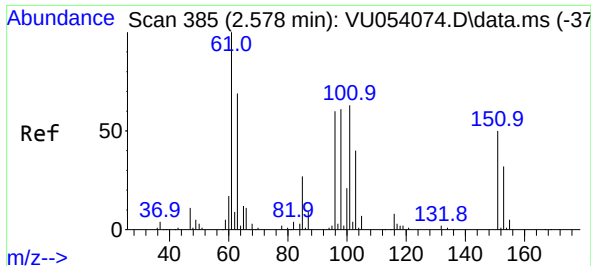
Quant Time: May 09 04:39:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 06 01:14:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	230264	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	218691	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	108984	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	67543	38.784	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	77.560%	
7) Chloroethane-d5	1.906	69	57944	50.688	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	101.380%	
11) 1,1-Dichloroethene-d2	2.562	63	100425	32.512	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	65.020%	
21) 2-Butanone-d5	4.617	46	109731	110.477	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	110.480%	
24) Chloroform-d	5.057	84	149456	46.727	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.460%	
26) 1,2-Dichloroethane-d4	5.694	65	99947	48.668	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.340%	
32) Benzene-d6	5.720	84	292629	45.459	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.920%	
36) 1,2-Dichloropropane-d6	6.684	67	95012	46.754	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	93.500%	
41) Toluene-d8	7.893	98	260702	44.858	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.720%	
43) trans-1,3-Dichloroprop...	8.176	79	46257	45.996	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.000%	
47) 2-Hexanone-d5	8.629	63	70797	97.267	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	97.270%	
56) 1,1,2,2-Tetrachloroeth...	10.752	84	133040	49.702	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	12.189	152	106071	49.821	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.640%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1453	0.943	ug/L #	35
25) Chloroform	5.080	83	2481	0.802	ug/L	86
30) 1,1,1-Trichloroethane	5.311	97	10941	4.014	ug/L	98
34) Trichloroethene	6.536	95	49688	29.411	ug/L	99
37) 1,2-Dichloropropane	6.684	63	10555	5.861	ug/L #	87
60) 1,2,3-Trichloropropane	11.806	75	12228	6.040	ug/L #	66

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

Quant Time: May 09 04:39:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 06 01:14:00 2023
Response via : Initial Calibration

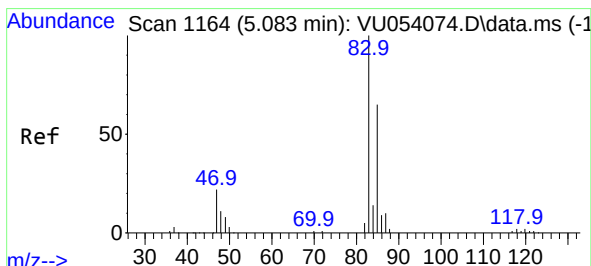
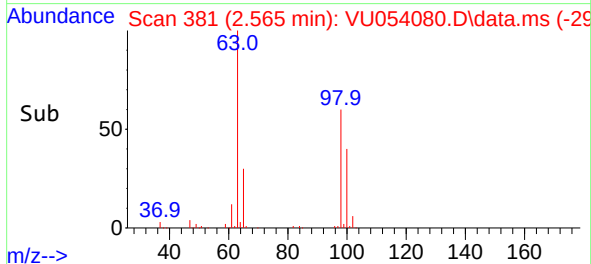
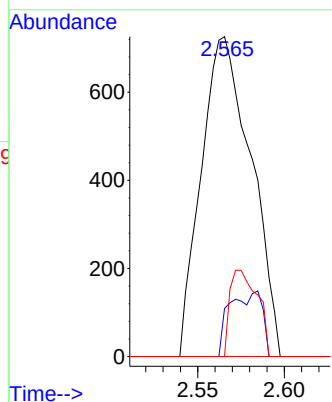
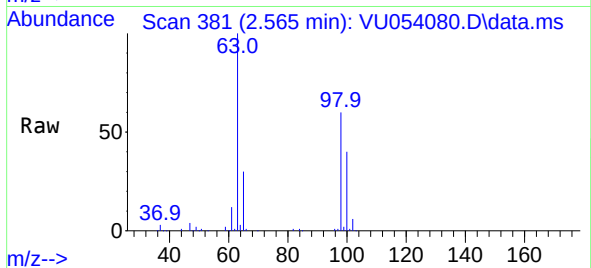




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.943 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.012 min
Lab File: VU054080.D
Acq: 08 May 2023 15:09

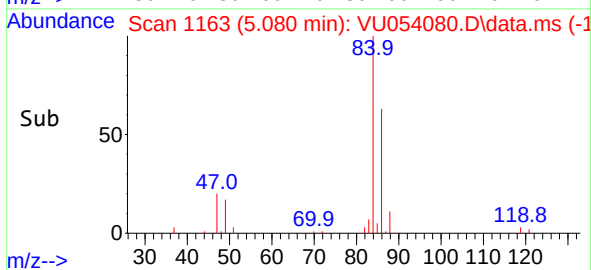
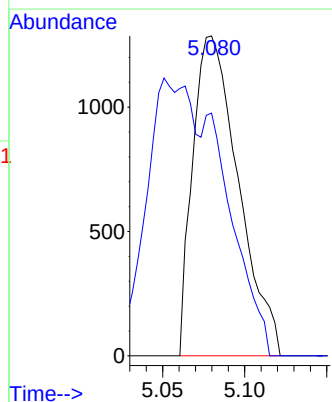
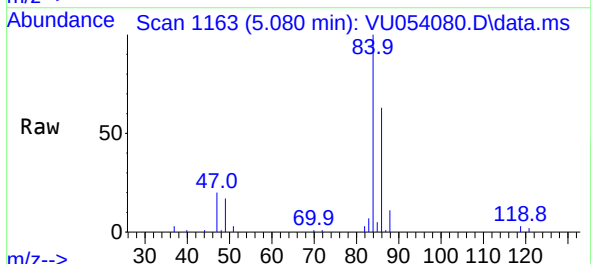
Instrument :
MSVOA_U
ClientSampleId :

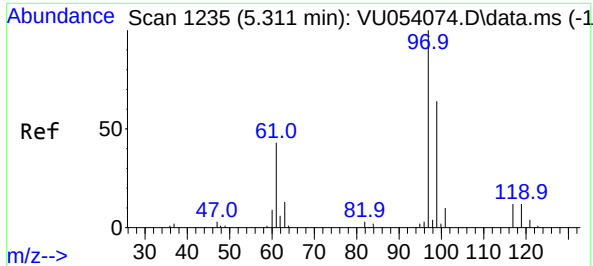
Tgt Ion:101 Resp: 1453
Ion Ratio Lower Upper
101 100
85 8.1 34.3 51.5#
151 15.0 60.3 90.5#



#25
Chloroform
Concen: 0.802 ug/L
RT: 5.080 min Scan# 1163
Delta R.T. -0.003 min
Lab File: VU054080.D
Acq: 08 May 2023 15:09

Tgt Ion: 83 Resp: 2481
Ion Ratio Lower Upper
83 100
85 75.9 45.2 84.0



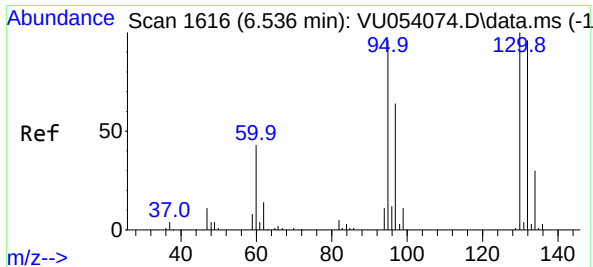
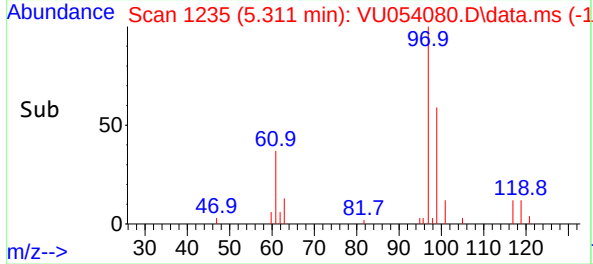
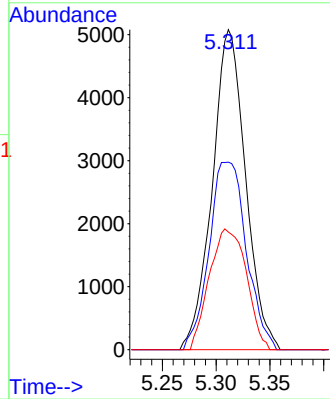
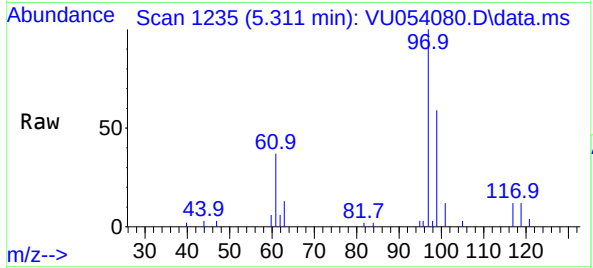


#30
1,1,1-Trichloroethane
Concen: 4.014 ug/L
RT: 5.311 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054080.D
Acq: 08 May 2023 15:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 10941

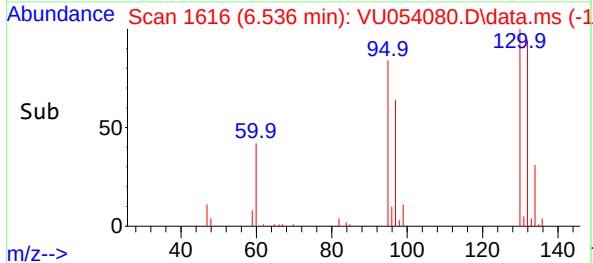
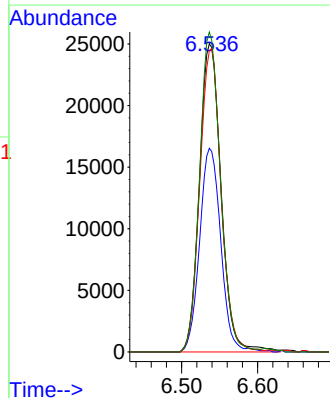
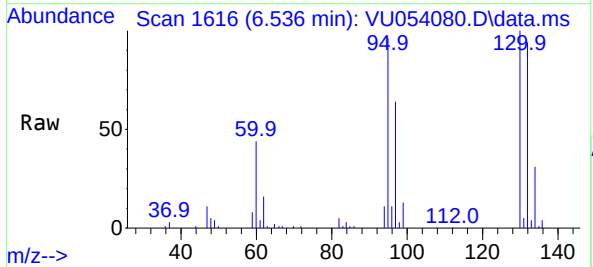
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.2	76.8
61	42.1	34.2	51.4

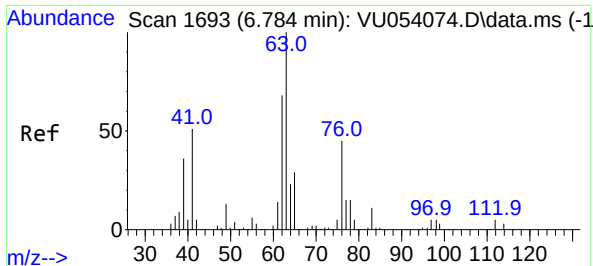


#34
Trichloroethene
Concen: 29.411 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. 0.000 min
Lab File: VU054080.D
Acq: 08 May 2023 15:09

Tgt Ion: 95 Resp: 49688

Ion	Ratio	Lower	Upper
95	100		
97	66.1	46.5	86.3
132	97.7	67.8	126.0
130	103.8	71.3	132.3

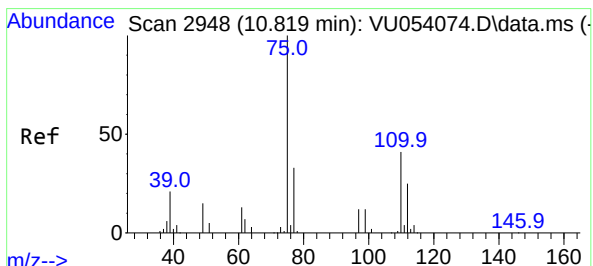
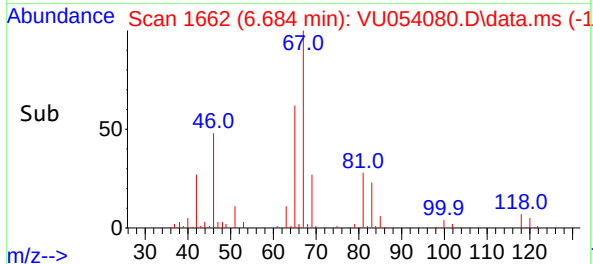
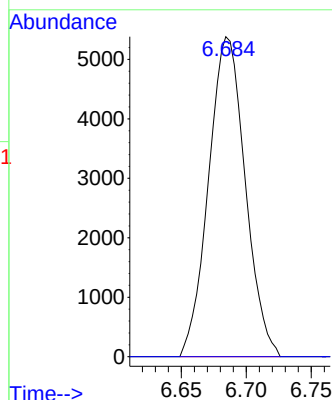
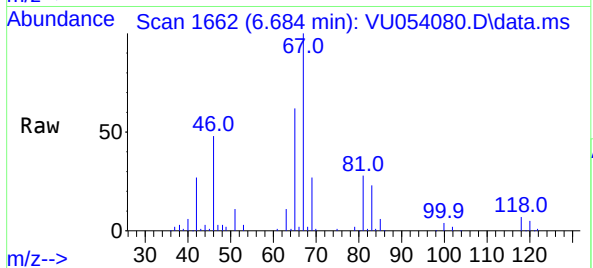




#37
1,2-Dichloropropane
Concen: 5.861 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.102 min
Lab File: VU054080.D
Acq: 08 May 2023 15:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 10555
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#60
1,2,3-Trichloropropane
Concen: 6.040 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.991 min
Lab File: VU054080.D
Acq: 08 May 2023 15:09

Tgt Ion: 75 Resp: 12228
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0
110 2.1 31.8 47.8#

