

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051170.D
 Acq On : 06 Oct 2022 14:34
 Operator : JC/MD
 Sample : N4893-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

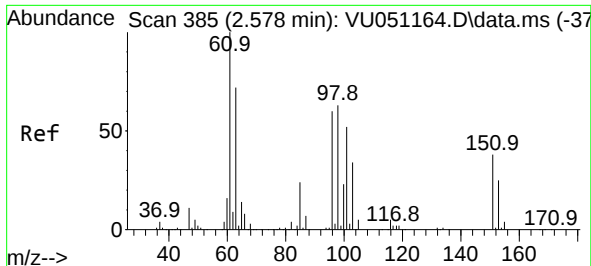
Instrument :
 MSVOA_U
 ClientSampleId :
 F5J41

Quant Time: Oct 07 01:31:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 01:29:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	342942	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353285	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	121860	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	128104	36.859	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	73.720%	
7) Chloroethane-d5	1.900	69	124543	38.576	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	77.160%	
11) 1,1-Dichloroethene-d2	2.562	63	168591	32.839	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	65.680%	
21) 2-Butanone-d5	4.620	46	236917	105.101	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	105.100%	
24) Chloroform-d	5.060	84	287970	51.428	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.860%	
26) 1,2-Dichloroethane-d4	5.700	65	192092	55.423	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	110.840%	
32) Benzene-d6	5.726	84	560947	54.221	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	108.440%	
36) 1,2-Dichloropropane-d6	6.687	67	199251	59.353	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	118.700%	
41) Toluene-d8	7.896	98	445046	46.560	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.120%	
43) trans-1,3-Dichloroprop...	8.176	79	70797	44.215	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	88.420%	
47) 2-Hexanone-d5	8.632	63	122238	90.178	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	90.180%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	307804	52.463	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	104.920%	
66) 1,2-Dichlorobenzene-d4	12.192	152	155719	59.817	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	119.640%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1977	0.755	ug/L #	22
12) 1,1-Dichloroethene	2.565	96	1681	0.687	ug/L #	1
18) Methyl tert-butyl Ether	3.363	73	11777	1.490	ug/L	95
42) Toluene	7.970	91	23986	2.094	ug/L	99
44) trans-1,3-Dichloropropene	8.176	75	2954	0.711	ug/L	85
46) Tetrachloroethene	8.552	164	296201	140.107	ug/L	98

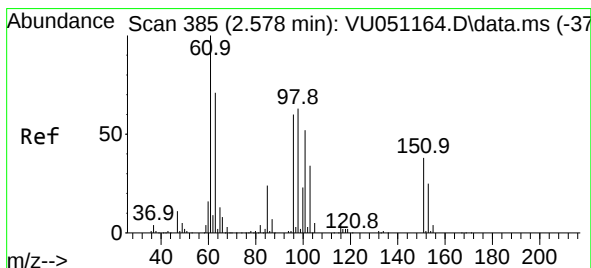
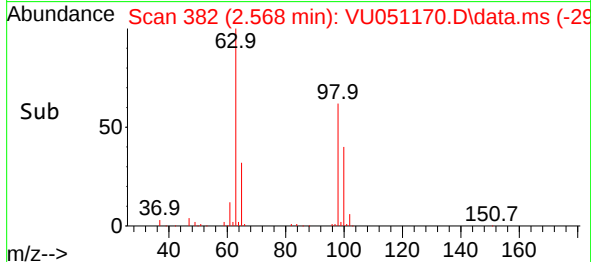
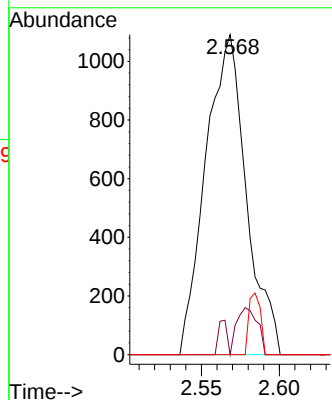
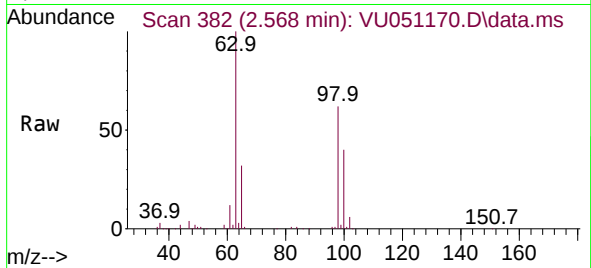
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.755 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU051170.D
 Acq: 06 Oct 2022 14:34

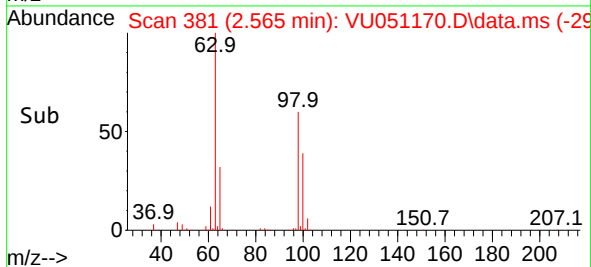
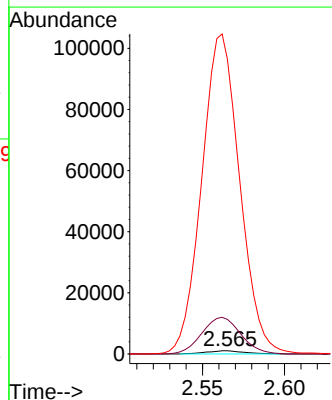
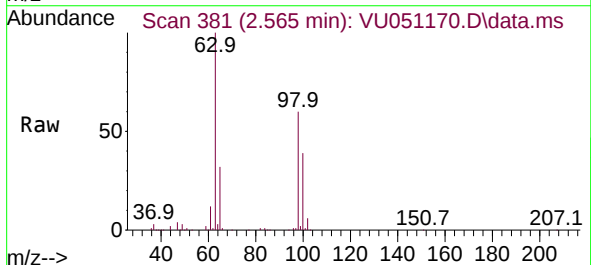
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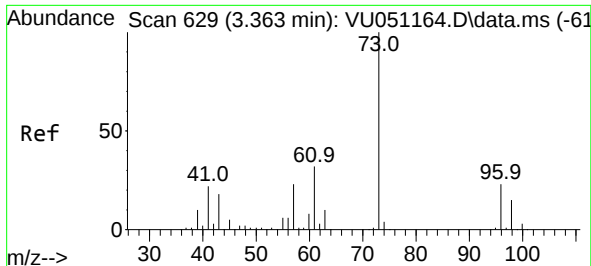
Tgt Ion:101 Resp: 1977
 Ion Ratio Lower Upper
 101 100
 85 2.3 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.687 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU051170.D
 Acq: 06 Oct 2022 14:34

Tgt Ion: 96 Resp: 1681
 Ion Ratio Lower Upper
 96 100
 61 1072.2 113.0 209.9#
 63 9157.8 91.7 170.3#





#18

Methyl tert-butyl Ether

Concen: 1.490 ug/L

RT: 3.363 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051170.D

Acq: 06 Oct 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

F5J41

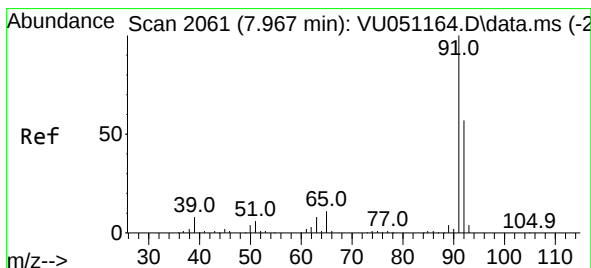
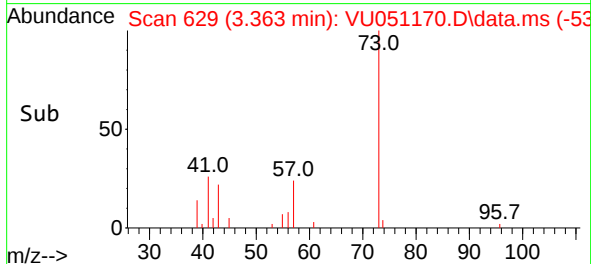
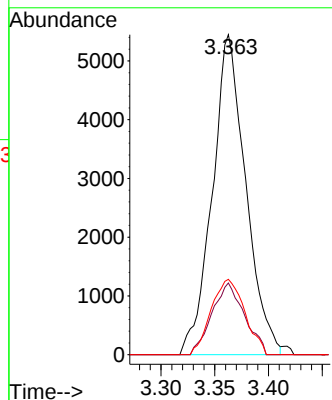
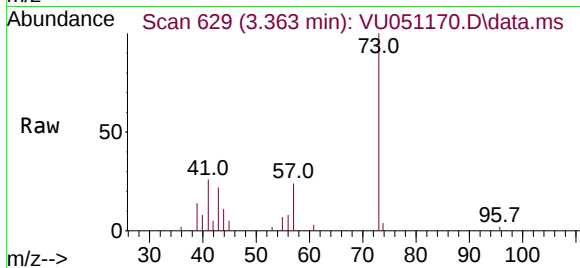
Tgt Ion: 73 Resp: 11777

Ion Ratio Lower Upper

73 100

43 21.8 14.7 22.1

57 23.7 17.5 26.3



#42

Toluene

Concen: 2.094 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU051170.D

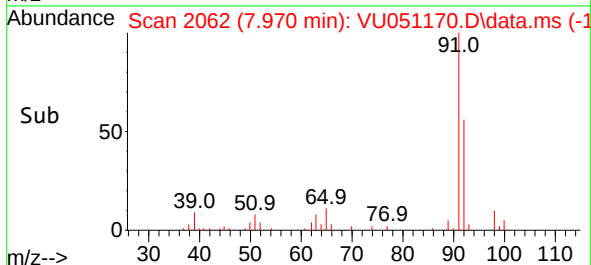
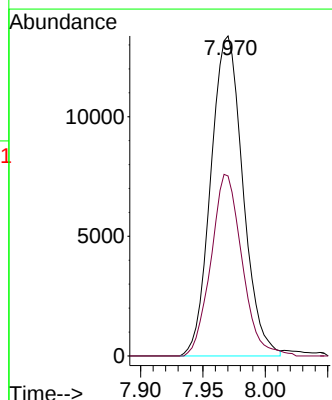
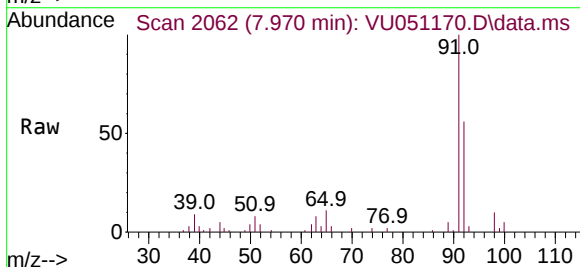
Acq: 06 Oct 2022 14:34

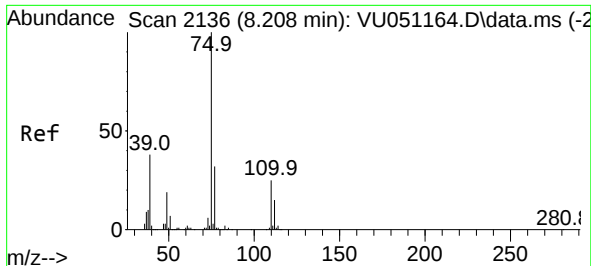
Tgt Ion: 91 Resp: 23986

Ion Ratio Lower Upper

91 100

92 56.2 40.1 74.5

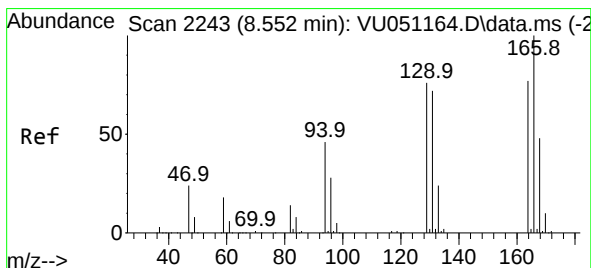
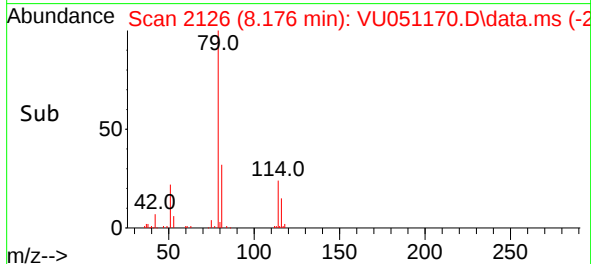
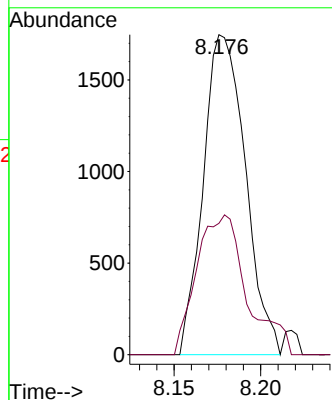
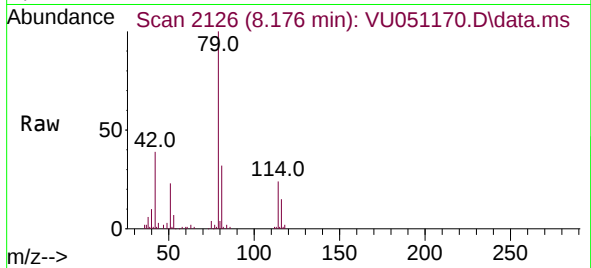




#44
trans-1,3-Dichloropropene
Concen: 0.711 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU051170.D
Acq: 06 Oct 2022 14:34

Instrument :
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Tgt Ion: 75 Resp: 2954
Ion Ratio Lower Upper
75 100
77 41.0 22.7 42.3



#46
Tetrachloroethene
Concen: 140.107 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051170.D
Acq: 06 Oct 2022 14:34

Tgt Ion: 164 Resp: 296201
Ion Ratio Lower Upper
164 100
129 98.0 68.1 126.5
131 94.4 67.8 126.0
166 126.9 90.5 168.1

