

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051169.D
 Acq On : 06 Oct 2022 14:11
 Operator : JC/MD
 Sample : N4893-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J40

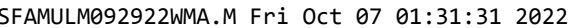
Quant Time: Oct 07 01:31:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 01:29:24 2022
 Response via : Initial Calibration

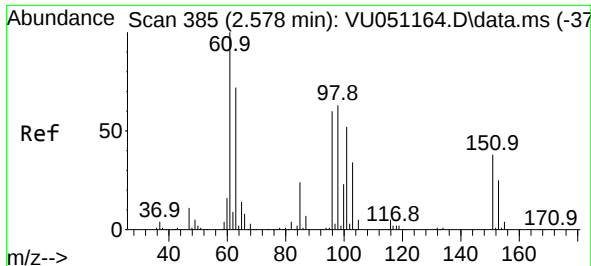
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	353757	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	366310	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	130505	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	132291	36.900	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.800%		
7) Chloroethane-d5	1.896	69	130902	39.306	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.620%		
11) 1,1-Dichloroethene-d2	2.562	63	169766	32.057	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.120%		
21) 2-Butanone-d5	4.616	46	242165	104.145	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.140%		
24) Chloroform-d	5.060	84	292290	50.603	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.200%		
26) 1,2-Dichloroethane-d4	5.697	65	193718	54.184	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.360%		
32) Benzene-d6	5.726	84	569296	53.072	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.140%		
36) 1,2-Dichloropropane-d6	6.687	67	198985	57.166	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	114.340%		
41) Toluene-d8	7.896	98	452781	45.685	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.380%		
43) trans-1,3-Dichloroprop...	8.176	79	71284	42.936	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.880%		
47) 2-Hexanone-d5	8.632	63	127295	90.570	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.570%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	313041	51.459	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.920%		
66) 1,2-Dichlorobenzene-d4	12.192	152	159366	57.162	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.320%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1798	0.666	ug/L #	22
12) 1,1-Dichloroethene	2.559	96	1426	0.565	ug/L #	1
39) cis-1,3-Dichloropropene	7.562	75	4419	1.038	ug/L #	60
42) Toluene	7.967	91	24307	2.046	ug/L	97
44) trans-1,3-Dichloropropene	8.176	75	2909	0.676	ug/L	87
46) Tetrachloroethene	8.552	164	18667	8.516	ug/L	98

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

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.666 ug/L

RT: 2.562 min Scan# 3

Delta R.T. -0.016 min

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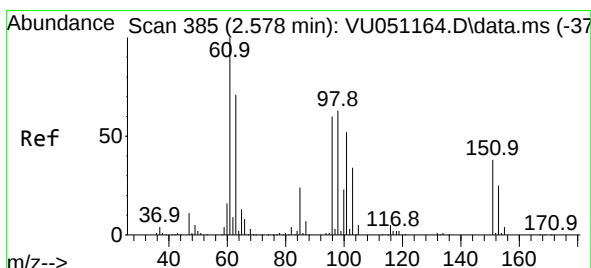
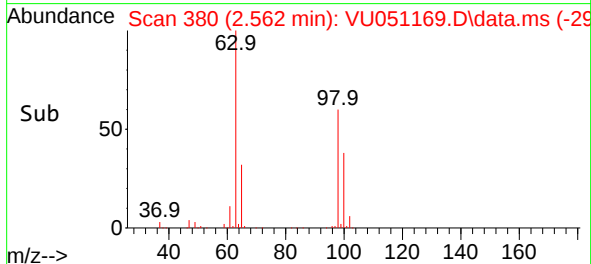
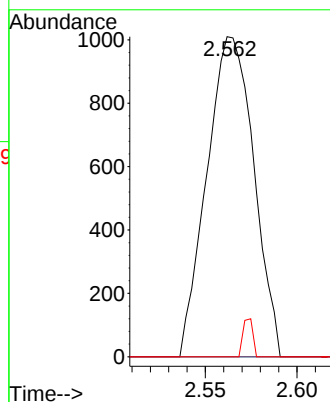
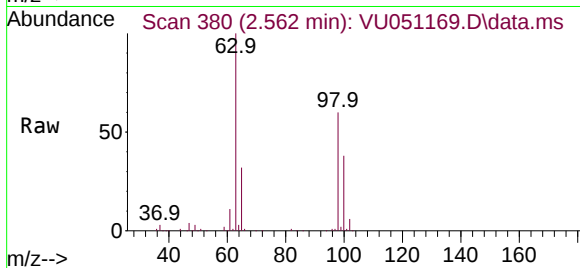
Tgt Ion:101 Resp: 1798

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 2.5 58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.565 ug/L

RT: 2.559 min Scan# 379

Delta R.T. -0.019 min

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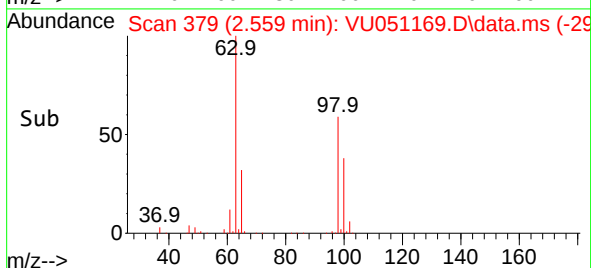
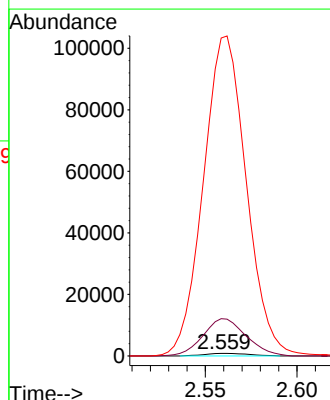
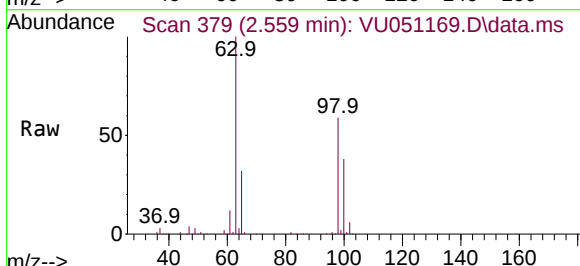
Tgt Ion: 96 Resp: 1426

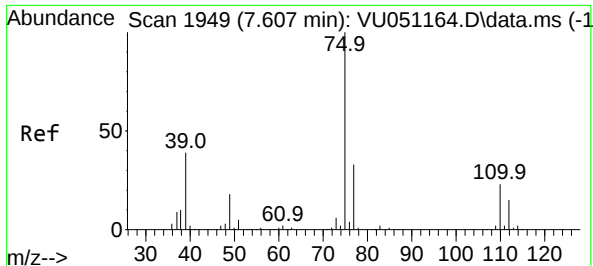
Ion Ratio Lower Upper

96 100

61 1453.1 113.0 209.9#

63 12388.5 91.7 170.3#





#39

cis-1,3-Dichloropropene

Concen: 1.038 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

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ClientSampleId :

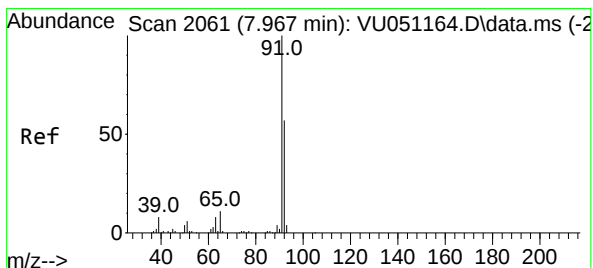
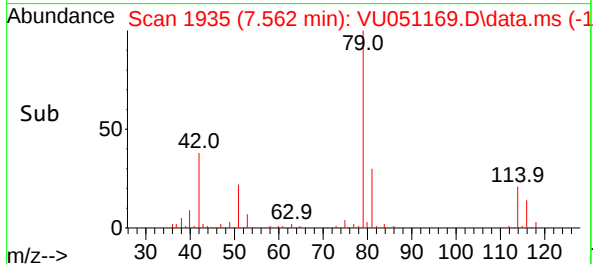
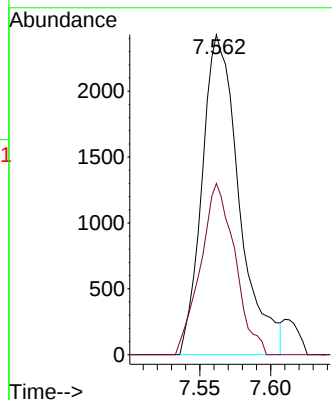
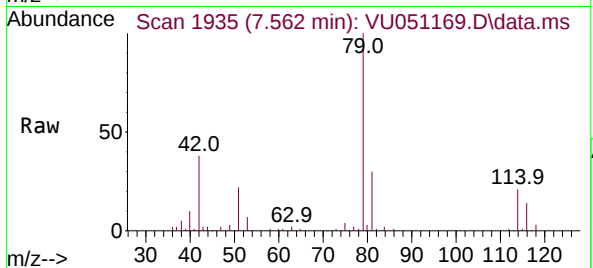
F5J40

Tgt Ion: 75 Resp: 4419

Ion Ratio Lower Upper

75 100

77 53.5 22.0 41.0#



#42

Toluene

Concen: 2.046 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051169.D

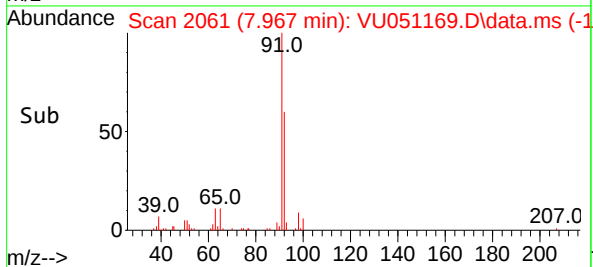
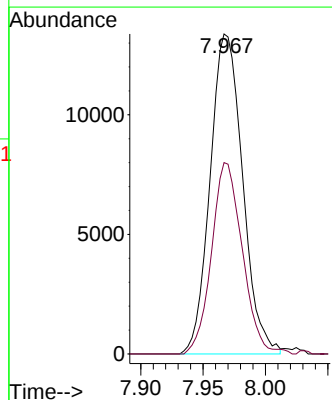
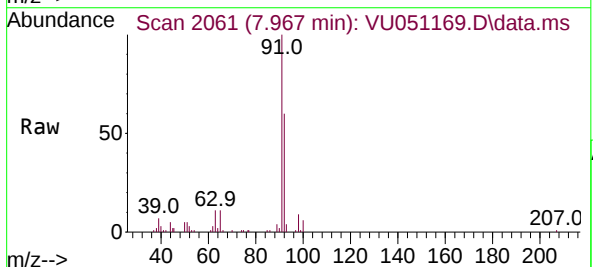
Acq: 06 Oct 2022 14:11

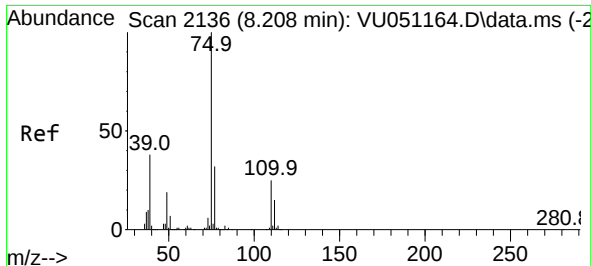
Tgt Ion: 91 Resp: 24307

Ion Ratio Lower Upper

91 100

92 59.8 40.1 74.5

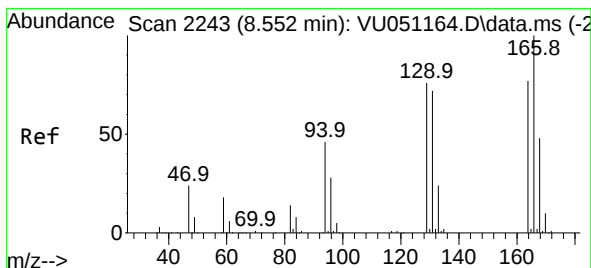
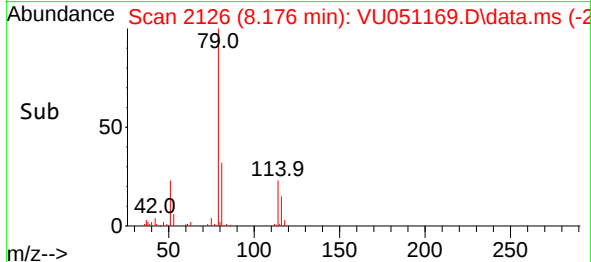
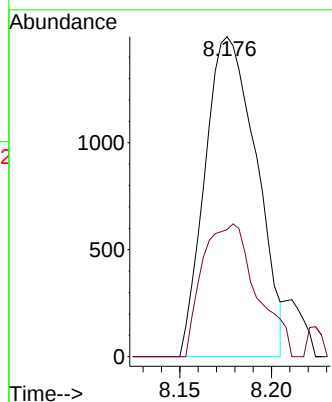
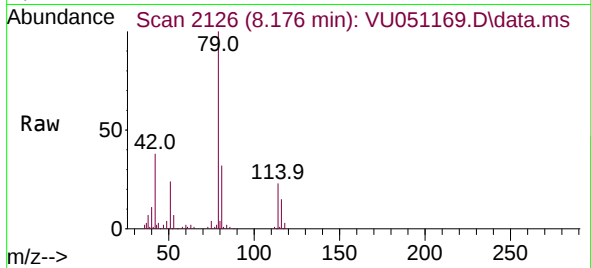




#44
trans-1,3-Dichloropropene
Concen: 0.676 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU051169.D
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Instrument :
MSVOA_U
ClientSampleId :
F5J40

Tgt Ion: 75 Resp: 2909
Ion Ratio Lower Upper
75 100
77 39.7 22.7 42.3



#46
Tetrachloroethene
Concen: 8.516 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051169.D
Acq: 06 Oct 2022 14:11

Tgt Ion: 164 Resp: 18667
Ion Ratio Lower Upper
164 100
129 99.6 68.1 126.5
131 96.2 67.8 126.0
166 126.6 90.5 168.1

